

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084961.D
 Acq On : 9 Feb 2016 19:30
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:06 PM

Quant Time: Feb 10 04:22:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	188670	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	813629	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	382722	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	699571	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	479328	20.00	ng	-0.06
86) Perylene-d12	15.14	264	386226	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	984704	81.29	ng	-0.06
7) Phenol-d6	6.29	99	1102237	73.40	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1100002	76.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	324314	81.24	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1701533	70.83	ng	-0.06
78) Terphenyl-d14	12.74	244	1850452	87.48	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	19525m	3.68	ng	
3) Pyridine	2.74	79	559790	40.49	ng	# 75
4) n-Nitrosodimethylamine	2.69	42	279847	39.14	ng	# 79
6) Aniline	6.30	93	737539	40.14	ng	# 62
8) 2-Chlorophenol	6.42	128	520621	37.97	ng	# 90
9) Benzaldehyde	6.18	77	320490	36.14	ng	# 98
10) Phenol	6.30	94	585228	34.79	ng	# 72
11) bis(2-Chloroethyl)ether	6.38	93	558825	42.60	ng	# 88
12) 1,3-Dichlorobenzene	6.57	146	552825	38.16	ng	# 90
13) 1,4-Dichlorobenzene	6.65	146	559521	38.64	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	547549	40.60	ng	# 99
15) Benzyl Alcohol	6.80	79	421384	40.64	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	864644	39.18	ng	# 88
17) 2-Methylphenol	6.92	107	431775	39.82	ng	# 88
18) Hexachloroethane	7.15	117	223160	40.02	ng	# 89
19) n-Nitroso-di-n-propylamine	7.07	70	353061	37.51	ng	# 74
20) 3+4-Methylphenols	7.07	107	524153	38.94	ng	# 79
22) Acetophenone	7.06	105	756695	35.29	ng	# 99
24) Nitrobenzene	7.23	77	575356	37.20	ng	# 97
25) Isophorone	7.48	82	1036048	36.89	ng	# 94
26) 2-Nitrophenol	7.55	139	319802	41.92	ng	# 96
27) 2,4-Dimethylphenol	7.60	122	469338	35.37	ng	# 95
28) bis(2-Chloroethoxy)methane	7.69	93	564511	33.88	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	405576	35.72	ng	# 95
30) 1,2,4-Trichlorobenzene	7.87	180	474583	37.01	ng	# 96
31) Naphthalene	7.95	128	1556770	38.14	ng	# 100
32) Benzoic acid	7.76	122	372009	43.83	ng	# 92
33) 4-Chloroaniline	8.01	127	667730	39.56	ng	# 96
34) Hexachlorobutadiene	8.06	225	249857	33.79	ng	# 98
35) Caprolactam	8.40	113	130343	37.25	ng	# 55
36) 4-Chloro-3-methylphenol	8.50	107	460739	35.57	ng	# 94
37) 2-Methylnaphthalene	8.64	142	927449	36.31	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	467627	38.47	ng	# 99
40) Hexachlorocyclopentadiene	8.80	237	166200	39.44	ng	# 96

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	296109	37.81	nq	96
43) 2,4,5-Trichlorophenol	8.97	196	310604	39.04	nq	94
45) 1,1'-Biphenyl	9.10	154	1321013	38.64	nq	99
46) 2-Chloronaphthalene	9.13	162	989627	39.31	nq	# 90
47) 2-Nitroaniline	9.23	65	337634	42.36	nq	# 88
48) Acenaphthylene	9.54	152	1486678	38.92	nq	98
49) Dimethylphthalate	9.41	163	1026101	35.20	nq	# 90
50) 2,6-Dinitrotoluene	9.47	165	231539	36.36	nq	# 48
51) Acenaphthene	9.71	154	970631	39.05	nq	97
52) 3-Nitroaniline	9.64	138	256422	35.83	nq	90
53) 2,4-Dinitrophenol	9.76	184	101105	37.71	nq	# 80
54) Dibenzofuran	9.88	168	1183052	38.95	nq	97
55) 4-Nitrophenol	9.82	139	192461	36.60	nq	85
56) 2,4-Dinitrotoluene	9.88	165	317654	39.11	nq	# 86
57) Fluorene	10.22	166	1011633	39.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	222646	36.76	nq	89
59) Diethylphthalate	10.11	149	1074489	37.75	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	406721	36.85	nq	92
61) 4-Nitroaniline	10.26	138	297661	42.69	nq	86
62) Azobenzene	10.37	77	1013410	37.03	nq	89
64) 4,6-Dinitro-2-methylphenol	10.28	198	167762	38.85	nq	# 57
65) n-Nitrosodiphenylamine	10.34	169	827368	37.25	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	315301	40.81	nq	# 91
67) Hexachlorobenzene	10.76	284	301674	35.83	nq	# 87
68) Atrazine	10.88	200	303331	43.24	nq	95
69) Pentachlorophenol	10.97	266	127444	32.21	nq	98
70) Phenanthrene	11.17	178	1344763	34.66	nq	97
71) Anthracene	11.23	178	1581539	40.45	nq	100
72) Carbazole	11.39	167	1395652	40.94	nq	98
73) Di-n-butylphthalate	11.72	149	1530831	35.27	nq	# 96
74) Fluoranthene	12.35	202	1474266	37.54	nq	98
76) Benzidine	12.49	184	719912	43.14	nq	99
77) Pyrene	12.58	202	1388562	37.84	nq	99
79) Butylbenzylphthalate	13.22	149	715820	43.00	nq	# 83
80) Benzo(a)anthracene	13.77	228	1191060	40.04	nq	98
81) 3,3'-Dichlorobenzidine	13.75	252	425980	40.44	nq	97
82) Chrysene	13.80	228	1008641	34.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	874599	42.21	nq	# 97
84) Di-n-octyl phthalate	14.39	149	1272176	37.22	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.40	276	923205	40.66	nq	99
87) Benzo(b)fluoranthene	14.77	252	1152049m	44.39	nq	
88) Benzo(k)fluoranthene	14.80	252	720059m	33.56	nq	
89) Benzo(a)pyrene	15.08	252	829068	37.50	nq	# 96
90) Dibenzo(a,h)anthracene	16.41	278	764748	41.09	nq	96
91) Benzo(g,h,i)perylene	16.77	276	802921	42.82	nq	97

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

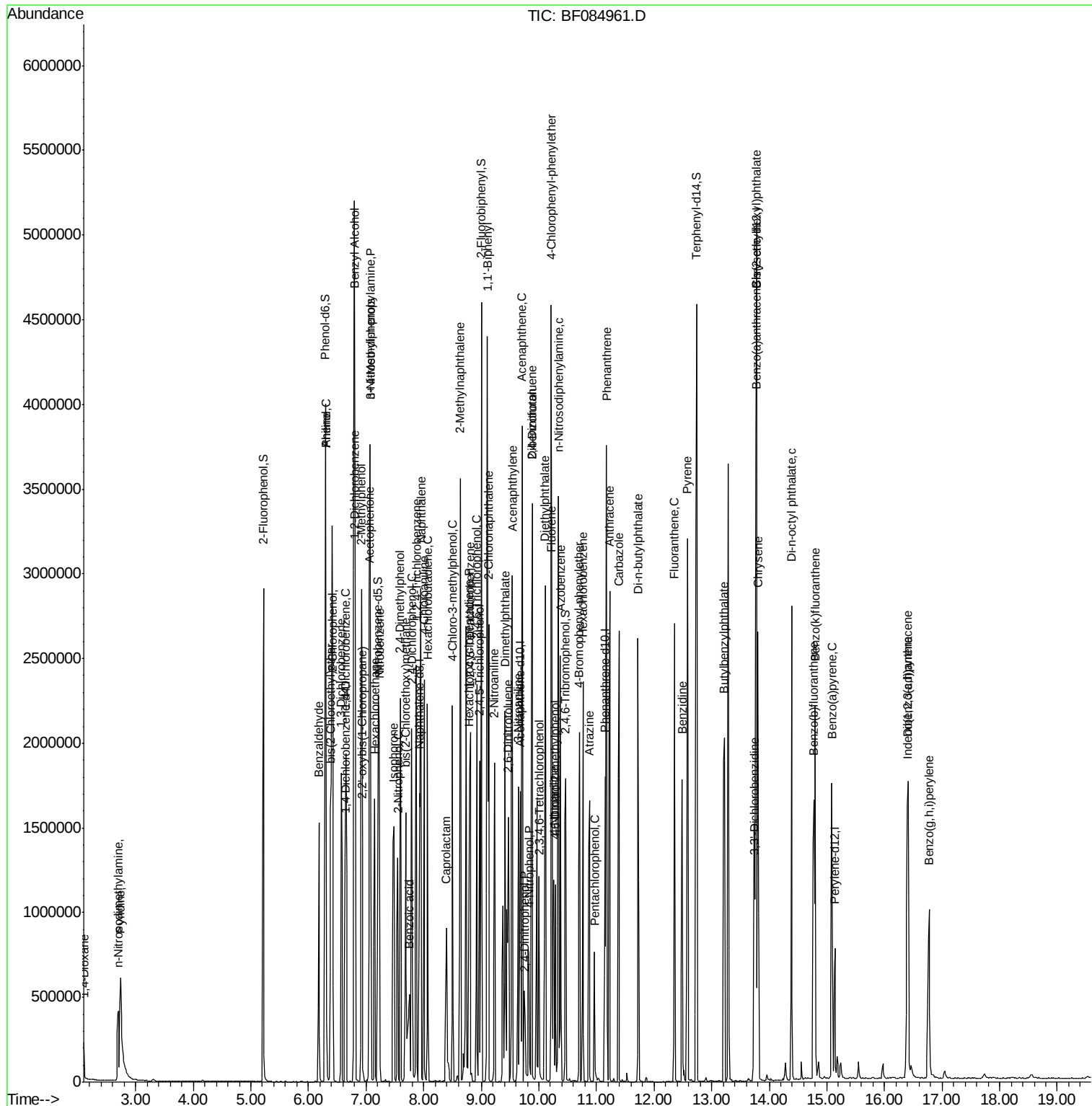
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\  
Data File : BF084961.D  
Acq On    : 9 Feb 2016 19:30  
Operator  : SJ/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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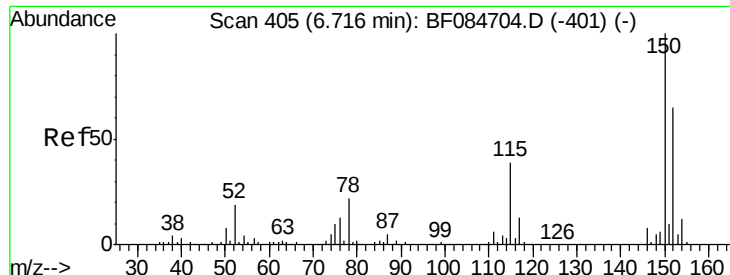
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

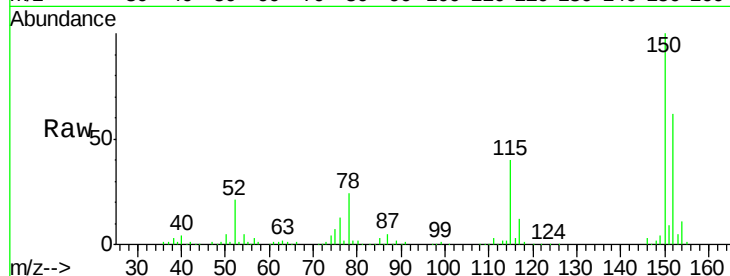
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

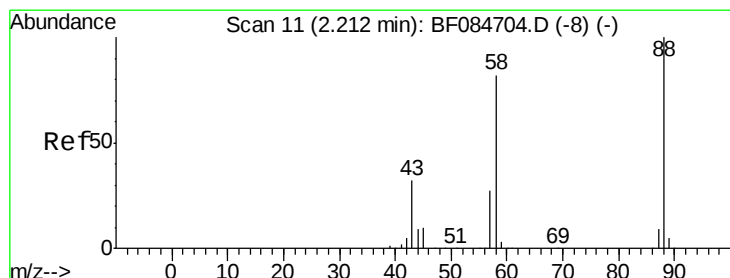
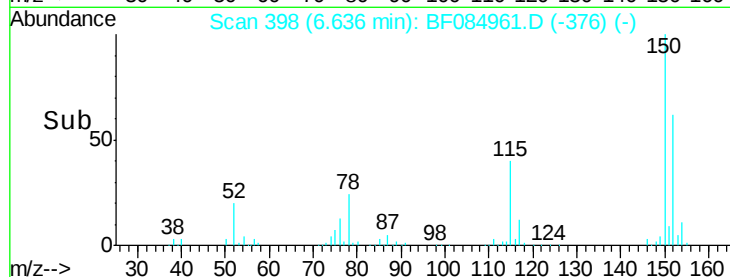
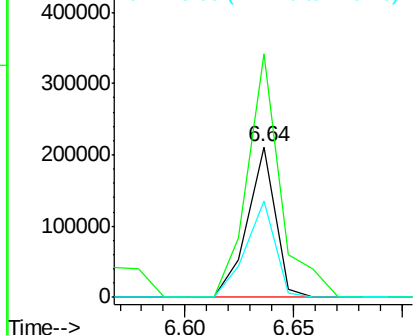
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	123.0	184.4
115	63.8	51.4	77.2

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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

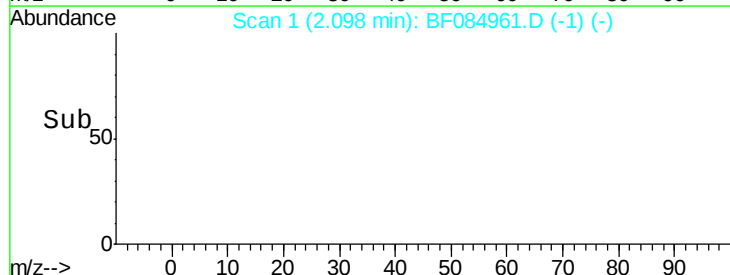
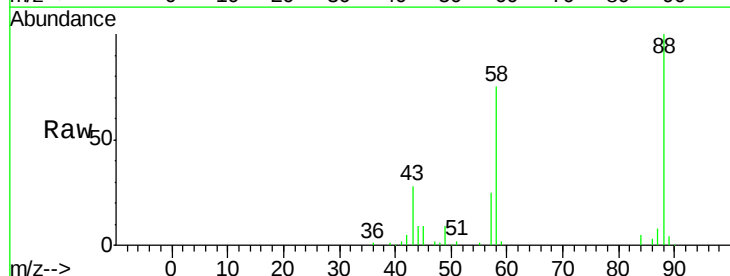
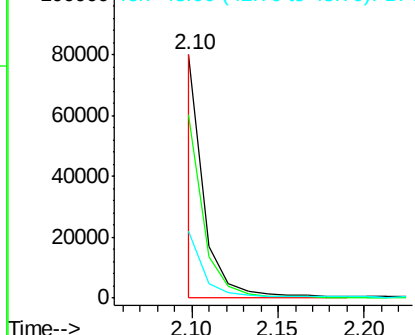


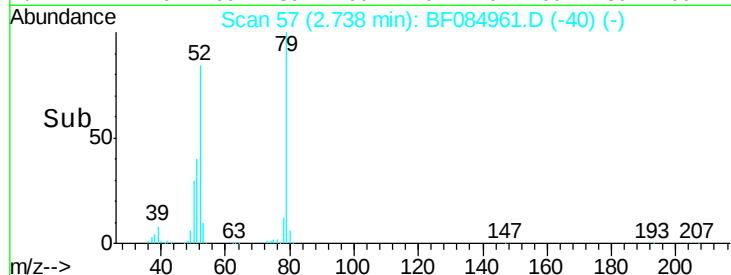
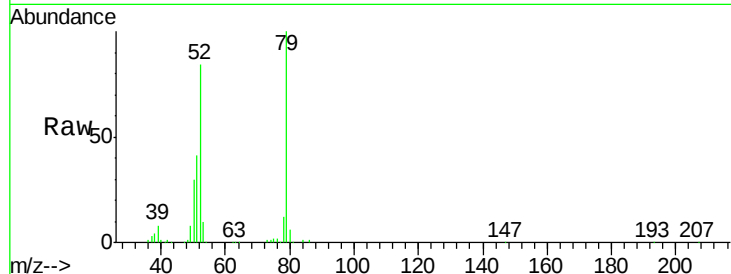
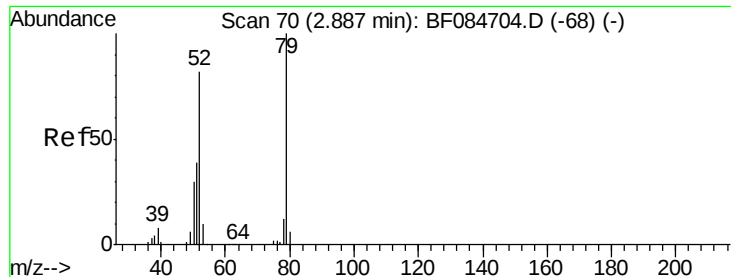
#2

1,4-Dioxane
Concen: 3.68 ng m
RT: 2.10 min Scan# 1
Delta R.T. -0.08 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#

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





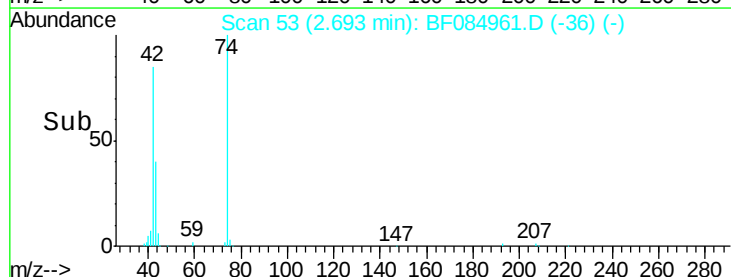
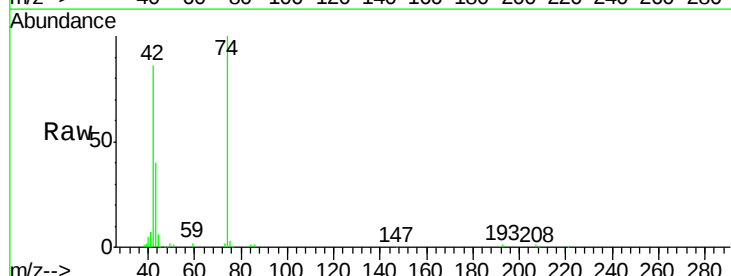
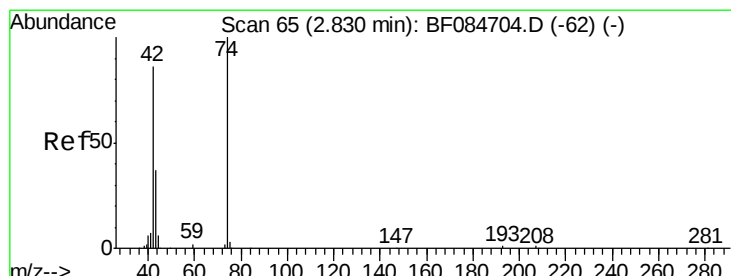
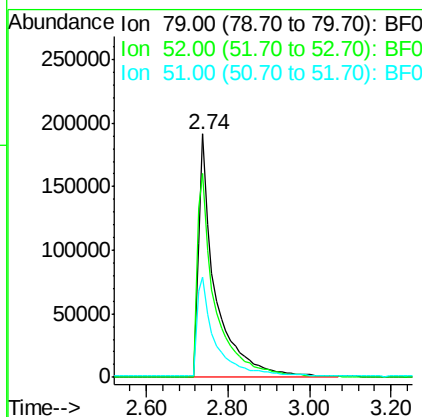
#3
 Pvridine
 Concen: 40.49 ng
 RT: 2.74 min Scan# 57
 Delta R.T. -0.10 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		559790		
52	83.8	49.0		73.4#	
51	41.0	25.2		37.8#	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

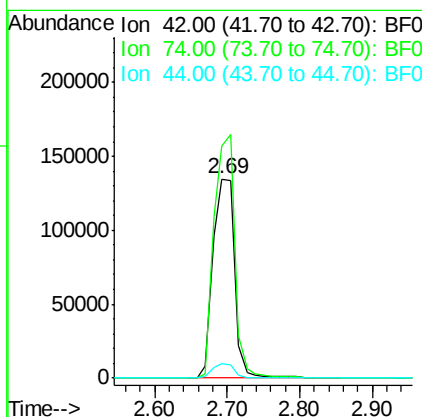
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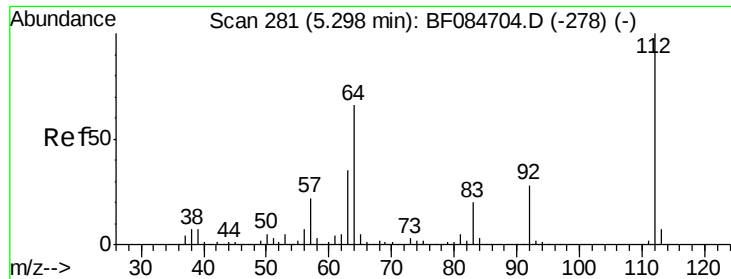
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#4
 n-Nitrosodimethylamine
 Concen: 39.14 ng
 RT: 2.69 min Scan# 53
 Delta R.T. -0.10 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		279847		
74	116.9	115.7		173.5	
44	7.3	5.1		7.7	





#5

2-Fluorophenol

Concen: 81.29 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

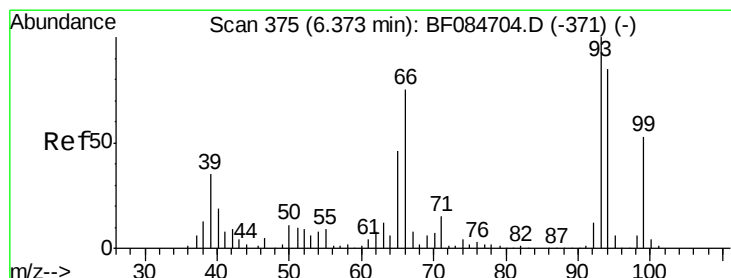
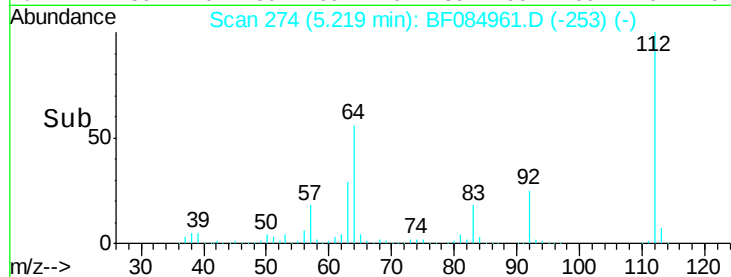
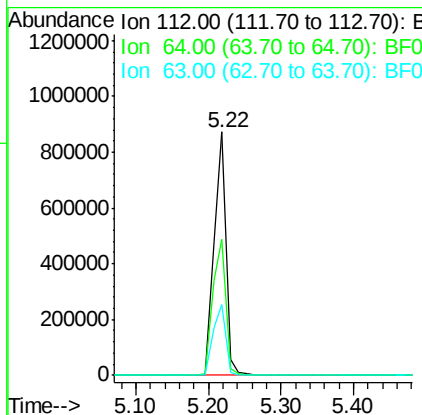
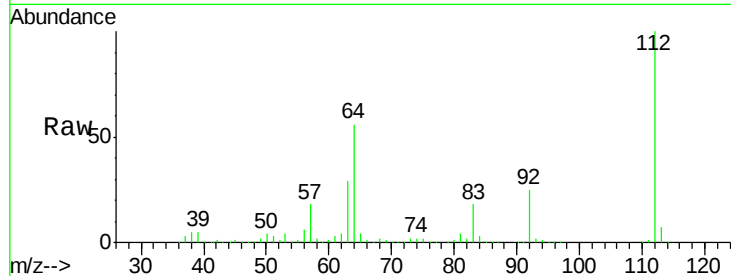
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	984704
Ion Ratio	Lower	Upper	
112	100		
64	55.8	36.6	55.0#
63	29.1	19.4	29.0#

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#6

Aniline

Concen: 40.14 ng

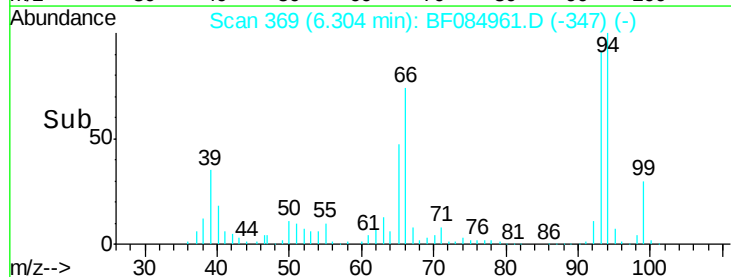
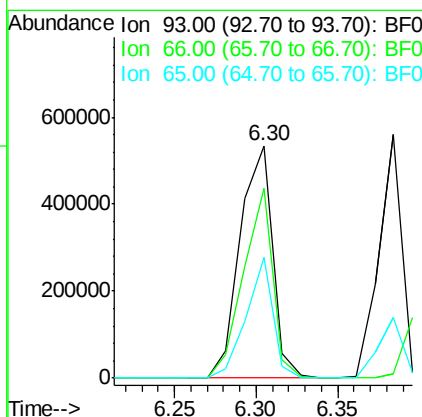
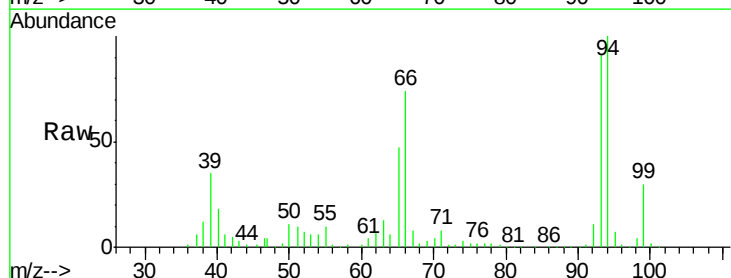
RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	93	Resp:	737539
Ion Ratio	Lower	Upper	
93	100		
66	82.0	44.9	67.3#
65	52.0	23.7	35.5#





#7

Phenol-d6

Concen: 73.40 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1102237

Ion Ratio Lower Upper

99 100

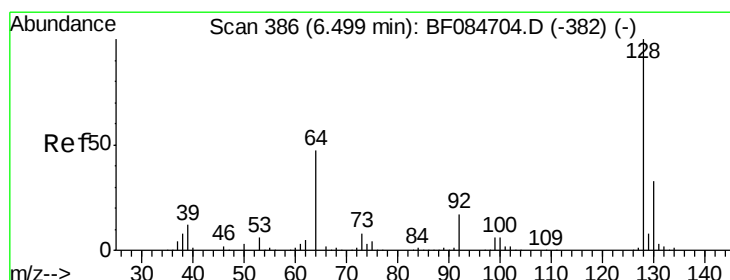
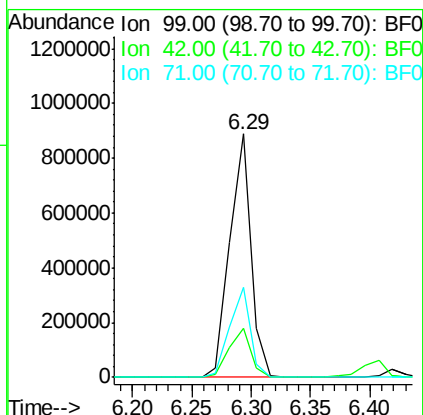
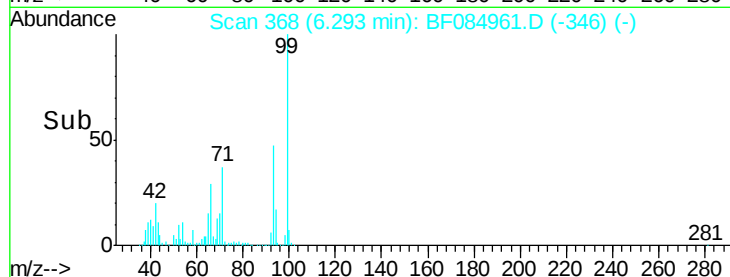
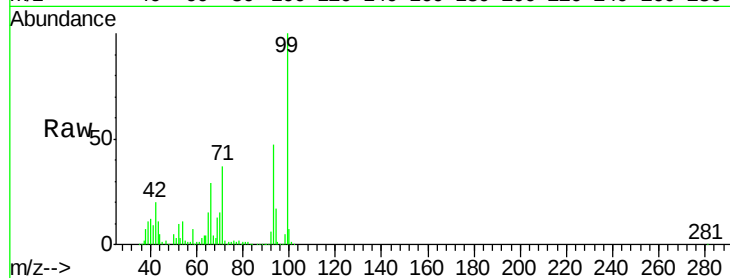
42 20.4 12.8 19.2#

71 36.9 30.9 46.3

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#8

2-Chlorophenol

Concen: 37.97 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

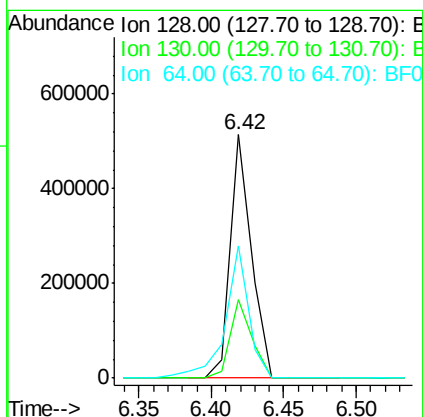
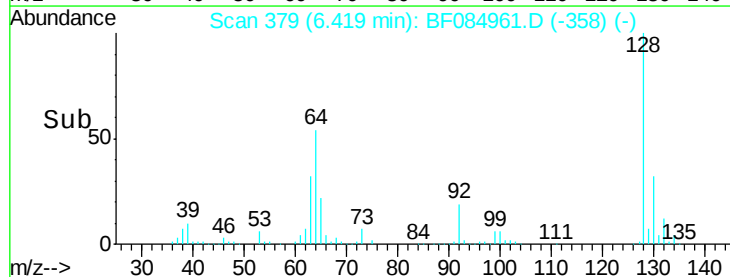
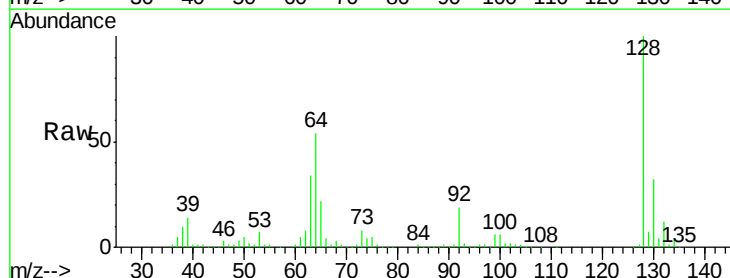
Tgt Ion: 128 Resp: 520621

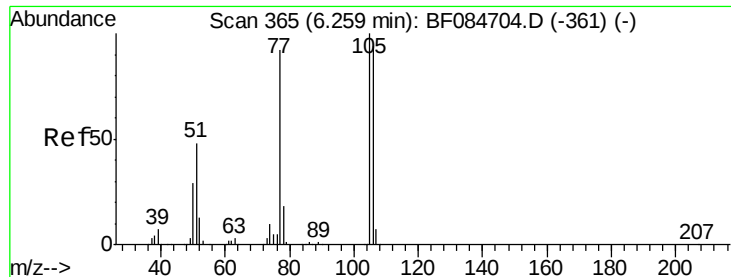
Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

64 54.3 23.8 63.8





#9

Benzaldehyde

Concen: 36.14 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

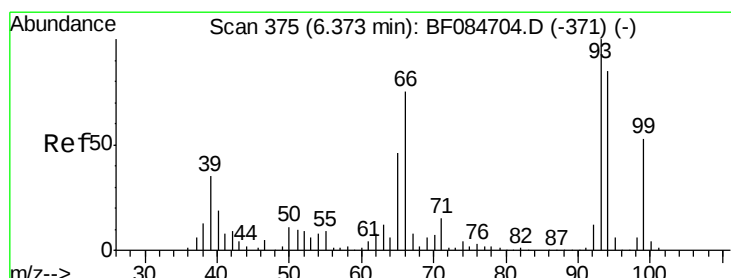
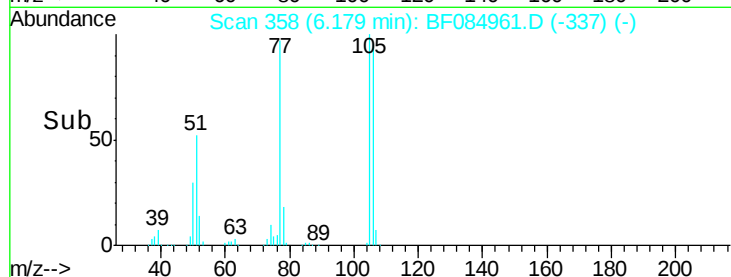
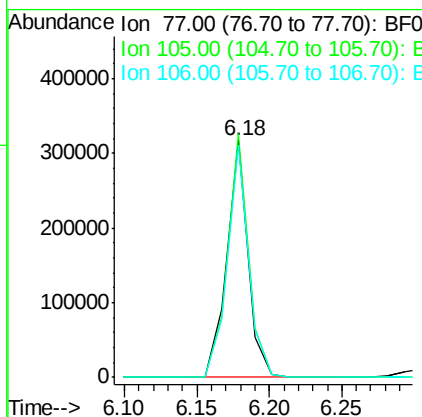
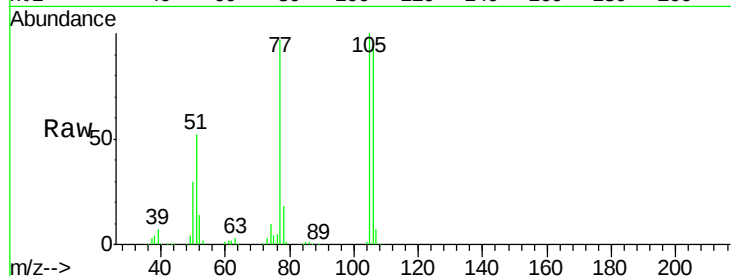
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	320490
Ion Ratio	Lower	Upper	
77	100		
105	102.9	83.0	123.0
106	97.8	74.6	114.6

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#10

Phenol

Concen: 34.79 ng

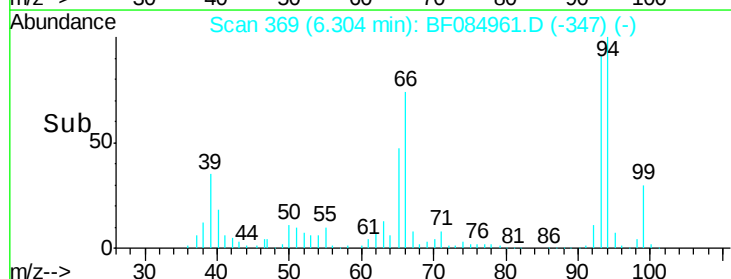
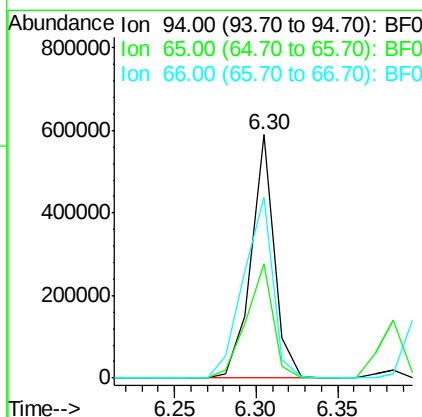
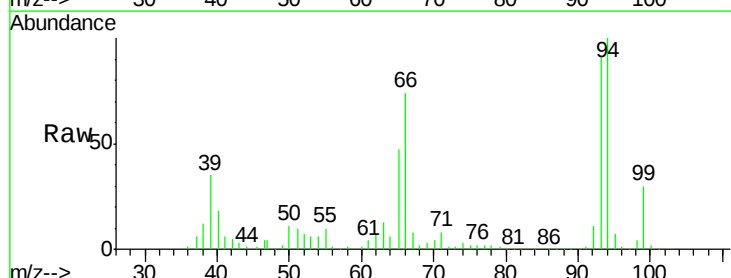
RT: 6.30 min Scan# 369

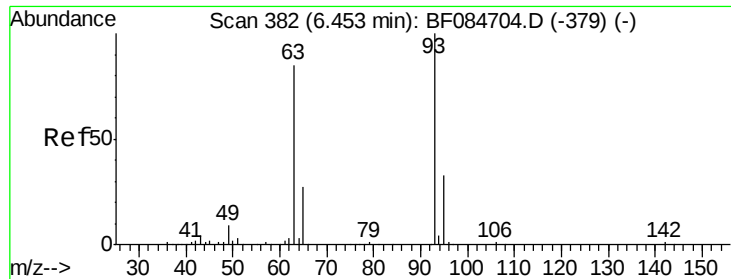
Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	94	Resp:	585228
Ion Ratio	Lower	Upper	
94	100		
65	47.1	12.9	52.9
66	74.2	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 42.60 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

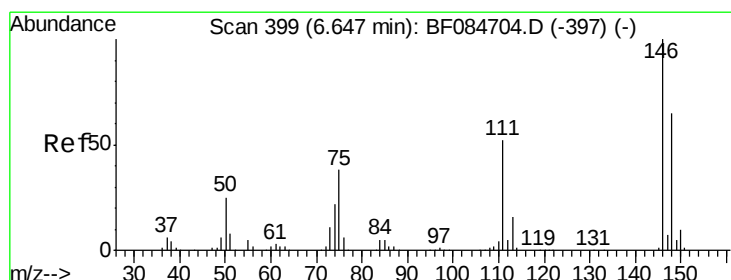
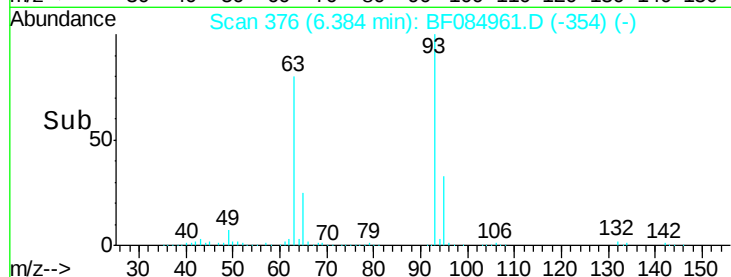
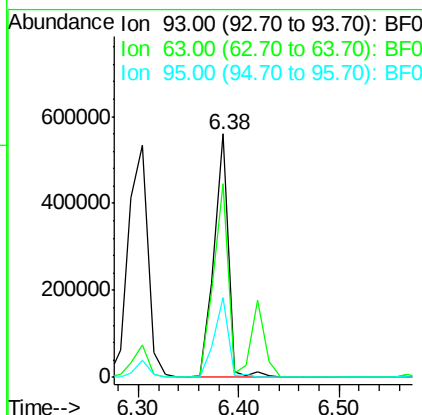
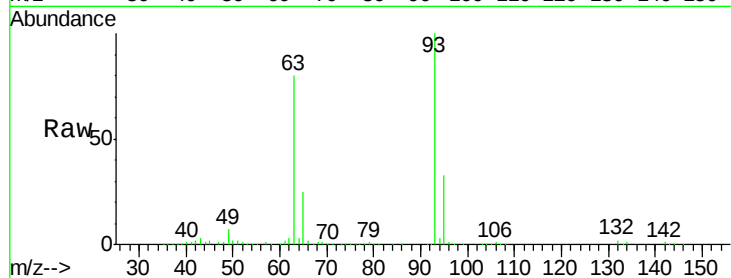
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	558825
Ion Ratio	Lower	Upper	
93	100		
63	79.6	45.9	85.9
95	32.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 38.16 ng

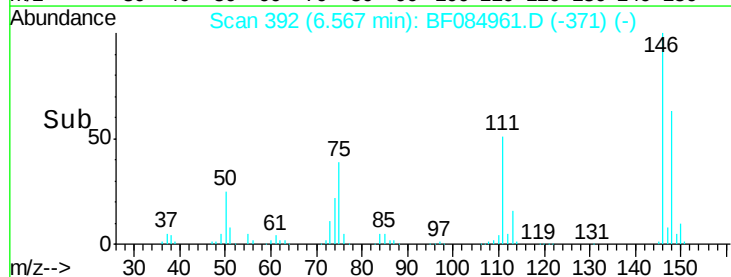
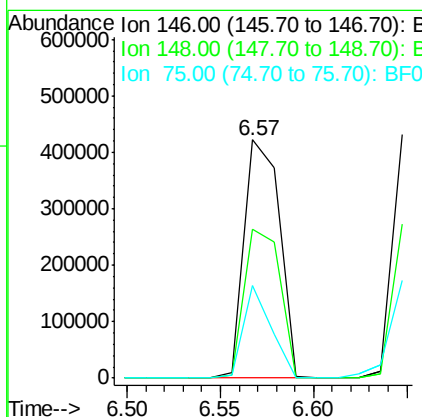
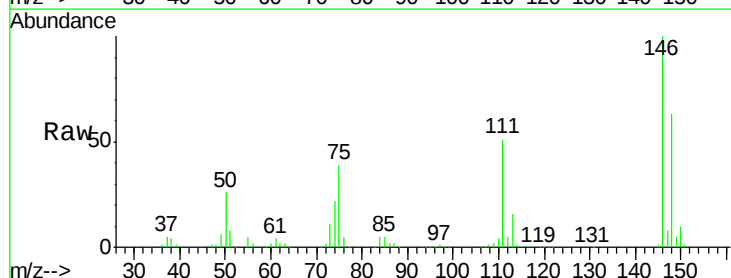
RT: 6.57 min Scan# 392

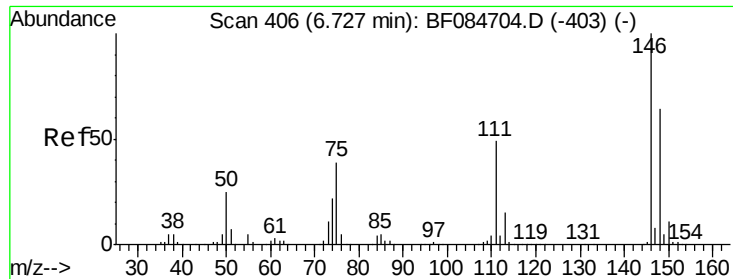
Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	146	Resp:	552825
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.9	77.9
75	39.0	20.5	30.7#





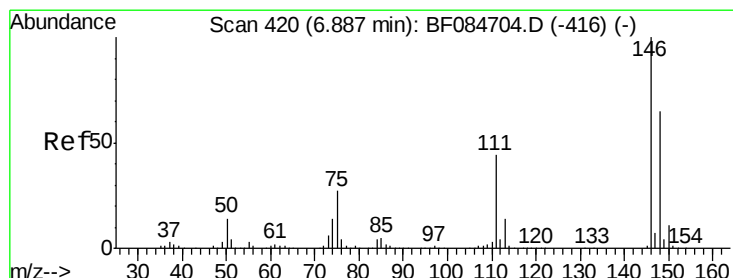
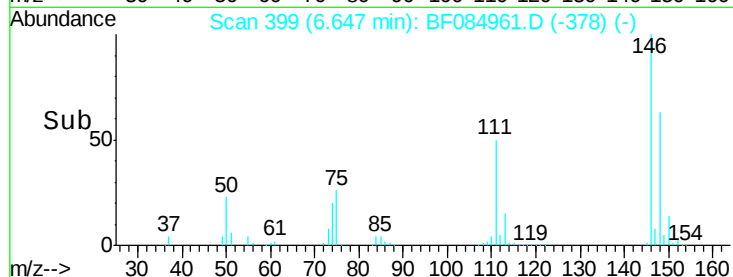
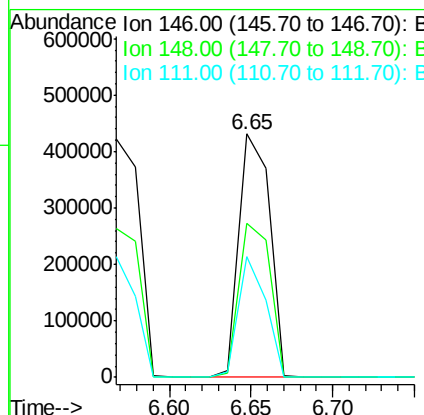
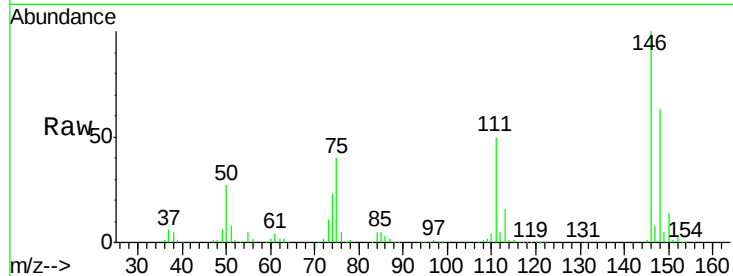
#13
 1,4-Dichlorobenzene
 Concen: 38.64 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	49.7	41.6	62.4

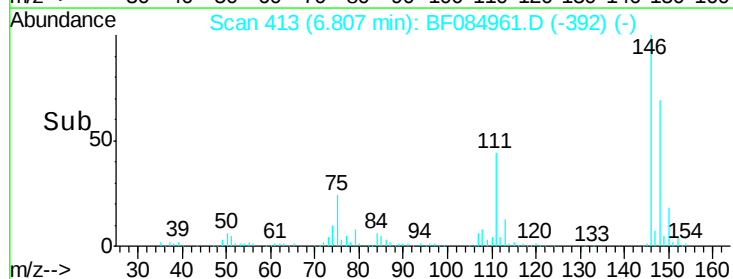
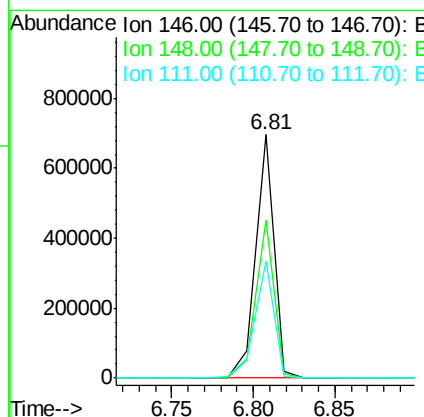
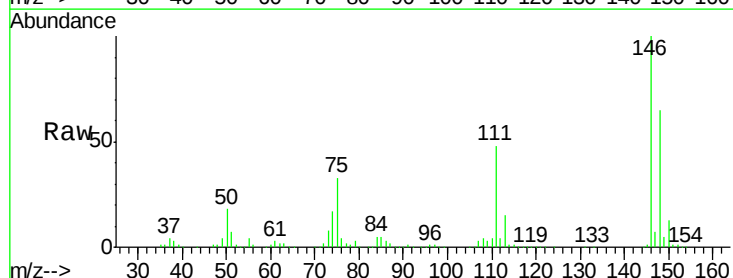
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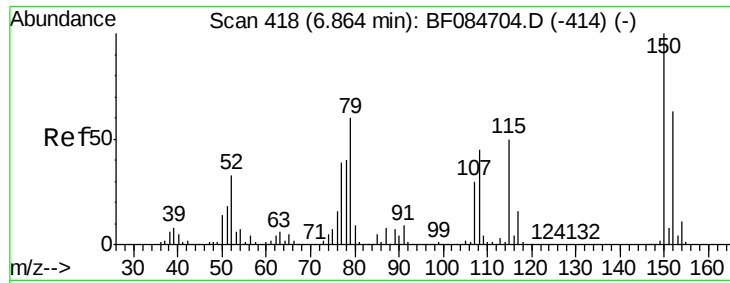
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#14
 1,2-Dichlorobenzene
 Concen: 40.60 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	47.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

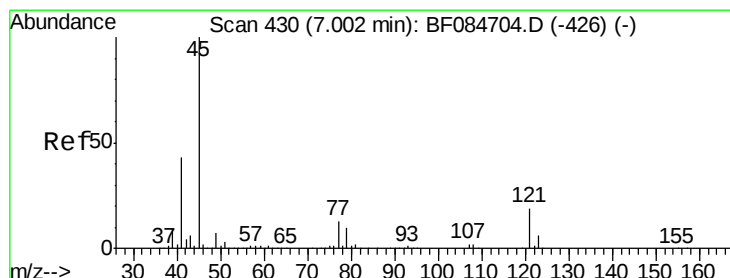
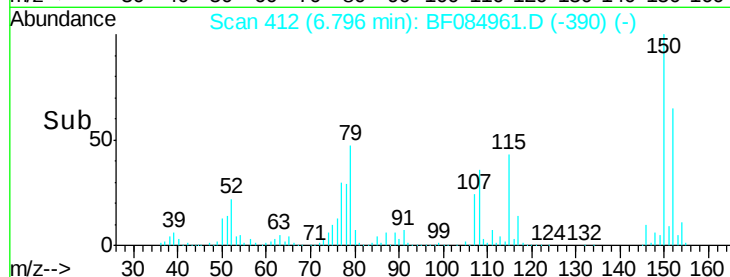
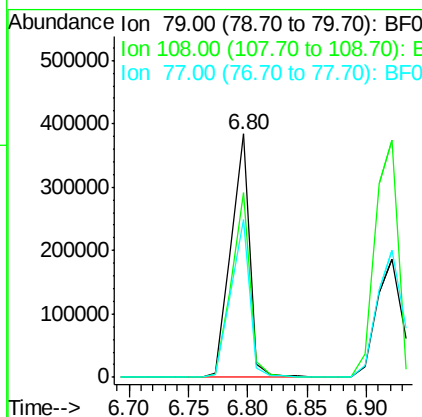
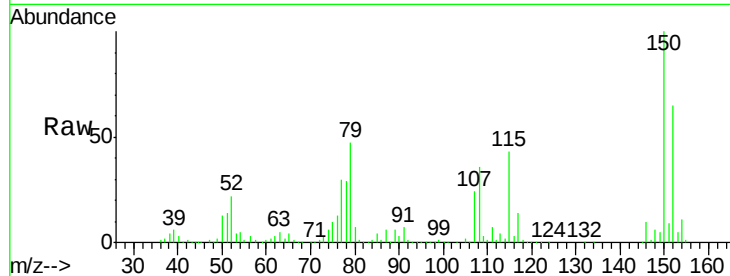
ClientSampleID :

SSTDCCC040EC

Tot Ion:	79	Resp:	421384
Ion Ratio	Lower	Upper	
79	100		
108	76.1	69.0	103.4
77	64.6	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.18 ng

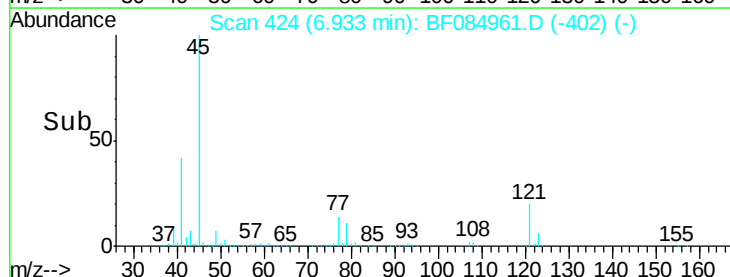
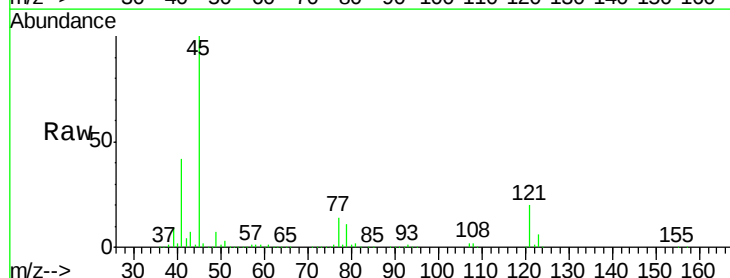
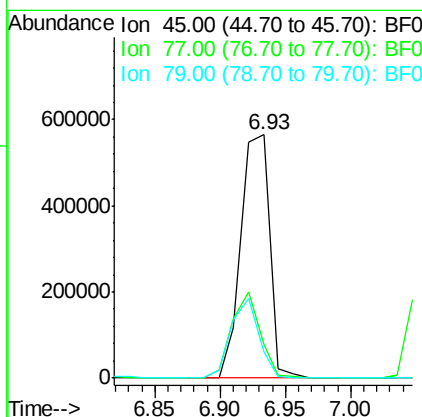
RT: 6.93 min Scan# 424

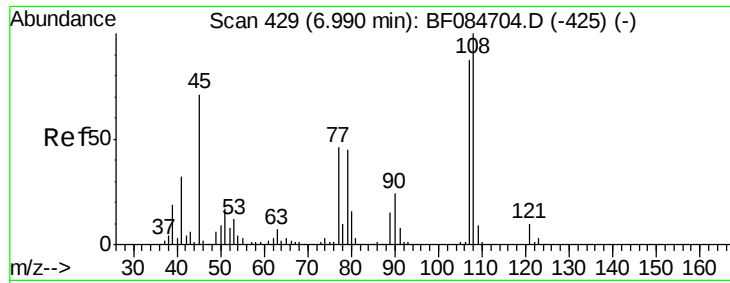
Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	45	Resp:	864644
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	39.6
79	10.8	0.0	35.0





#17

2-Methylphenol

Concen: 39.82 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

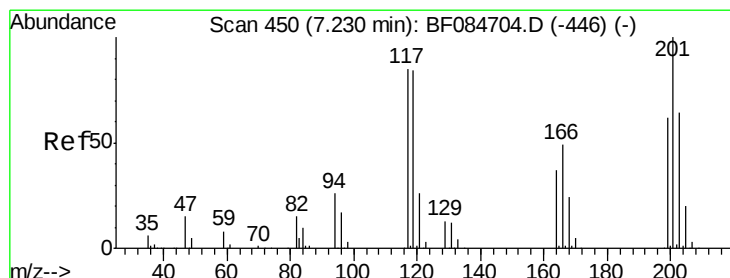
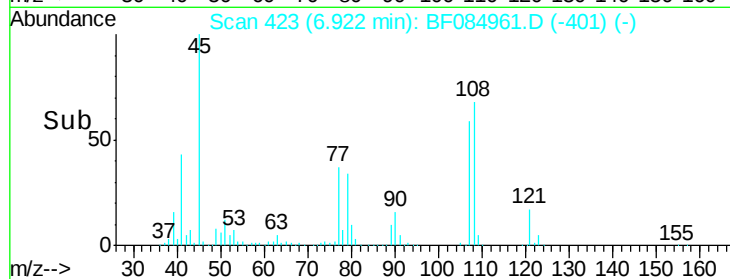
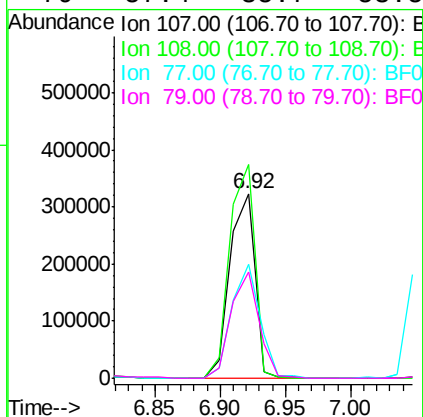
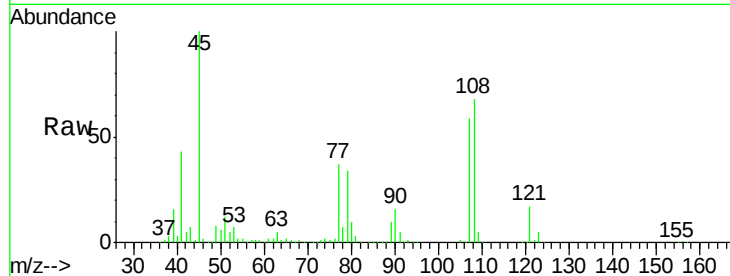
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	115.5	89.8	134.6		
77	61.9	35.7	53.5#		
79	57.4	35.7	53.5#		

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#18

Hexachloroethane

Concen: 40.02 ng

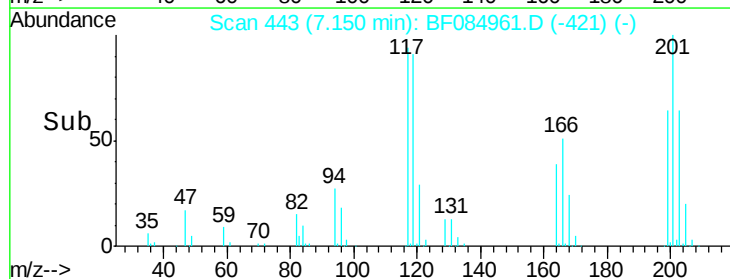
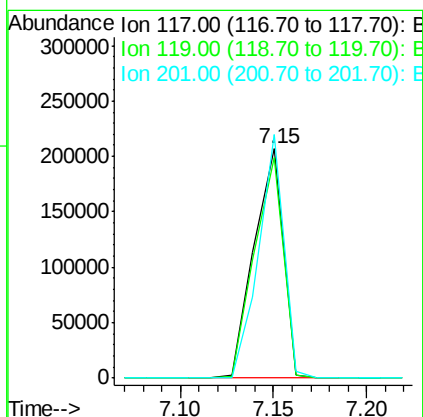
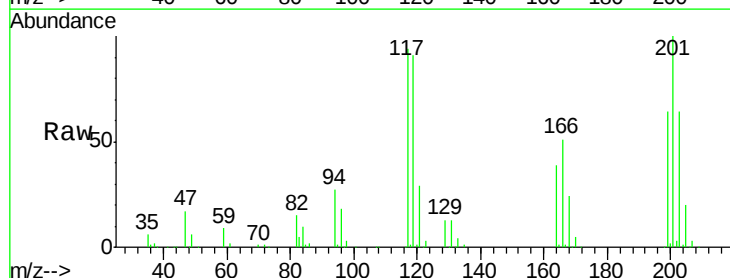
RT: 7.15 min Scan# 443

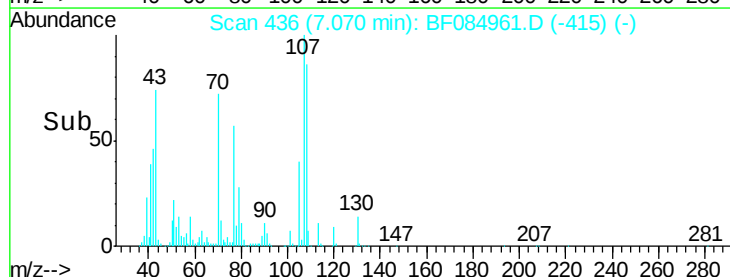
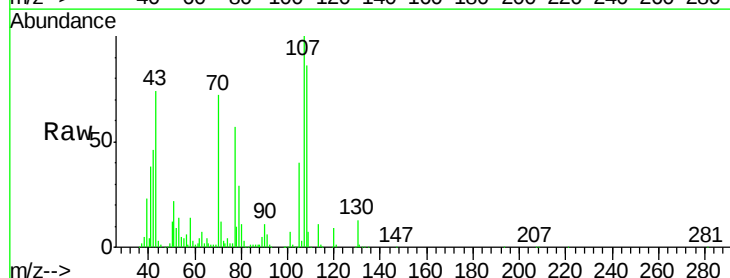
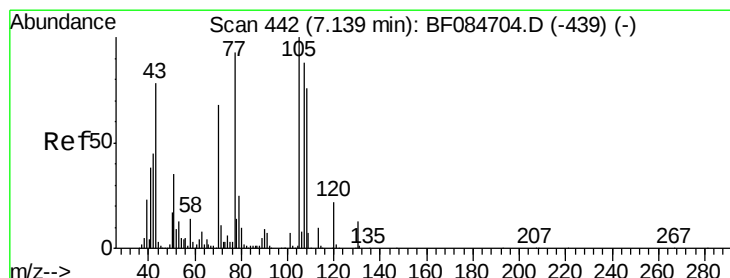
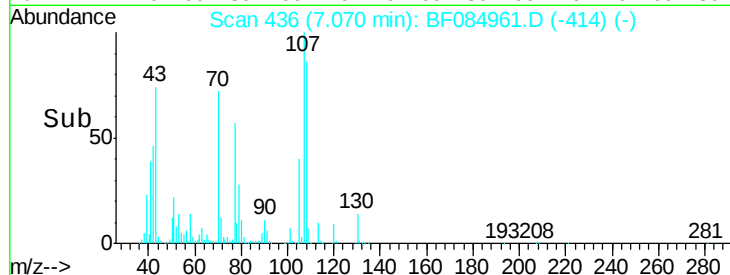
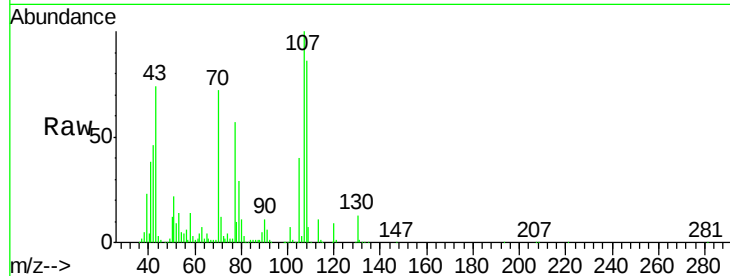
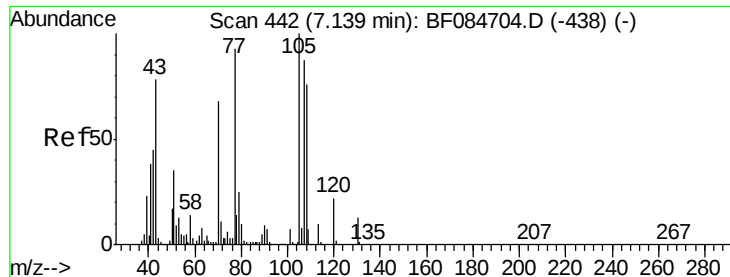
Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.1	77.4	116.0		
201	106.2	68.6	103.0#		





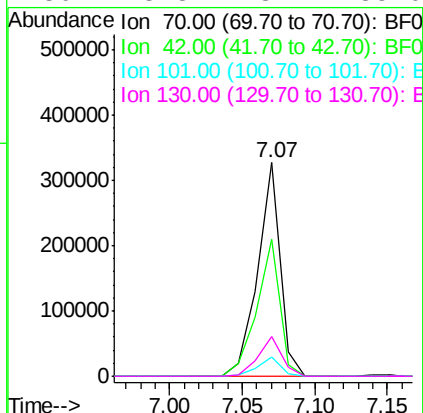
#19
n-Nitroso-di-n-propylamine
Concen: 37.51 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	64.1	33.3	49.9#
101	9.2	9.3	13.9#
130	18.8	23.4	35.0#

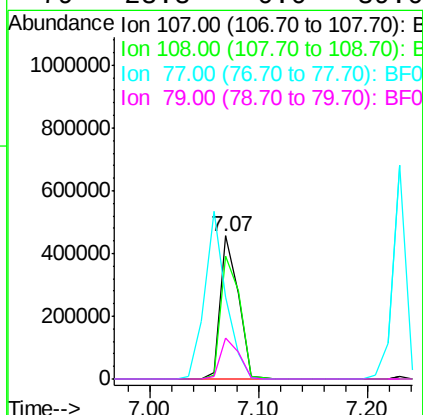
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#20
3+4-Methylphenols
Concen: 38.94 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.4	74.6	114.6
77	57.4	0.7	40.7#
79	28.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

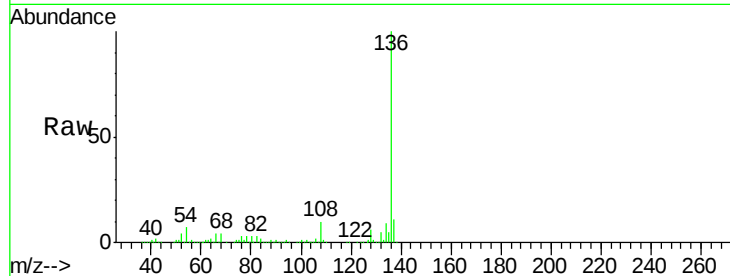
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		813629		
137	10.8		8.7	13.1	
54	7.1		5.8	8.8	
68	4.2		4.2	6.2	

Manual Integrations
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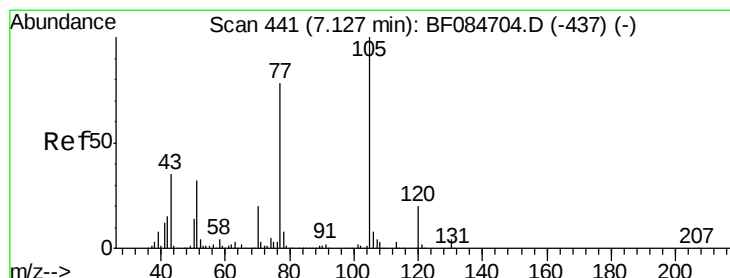
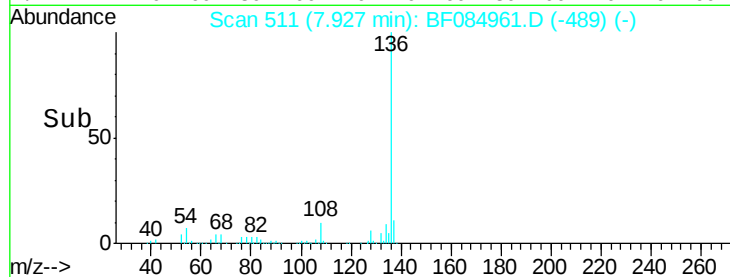
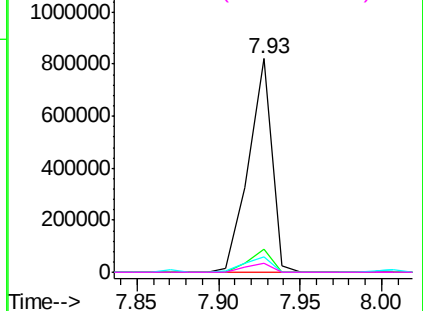
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.29 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		756695		
71	3.1		3.7	5.5#	
51	31.8		25.1	37.7	
120	20.5		16.6	25.0	

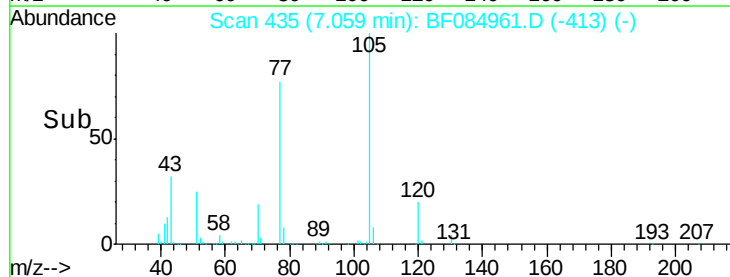
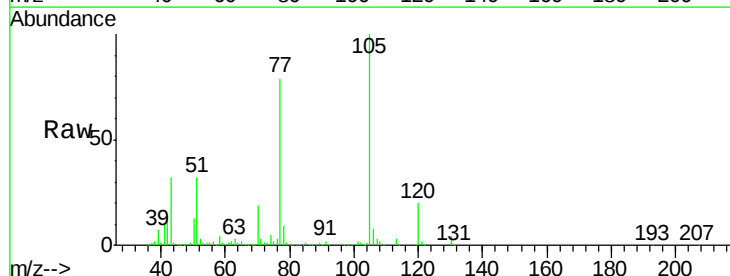
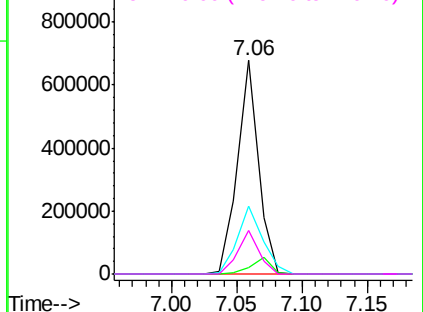
Abundance

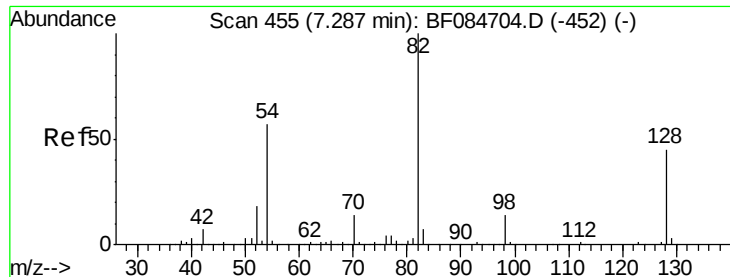
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





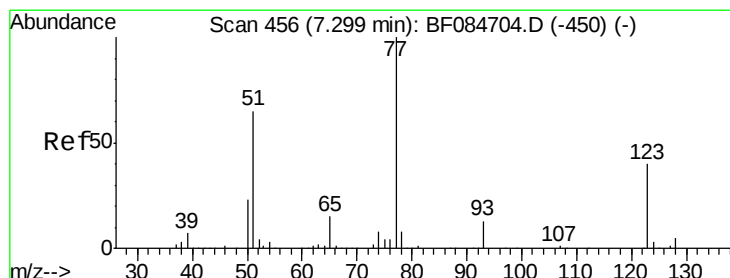
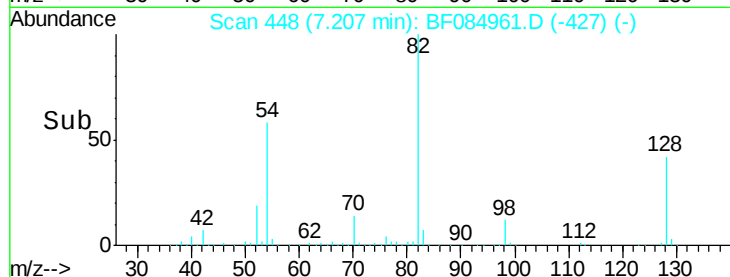
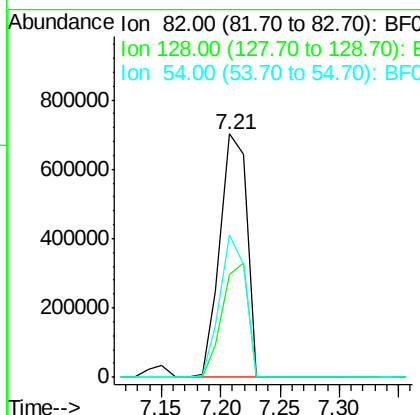
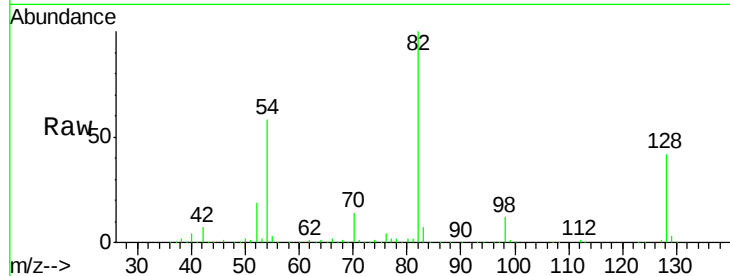
#23
 Nitrobenzene-d5
 Concen: 76.16 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1100002
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 58.4 38.4 57.6#

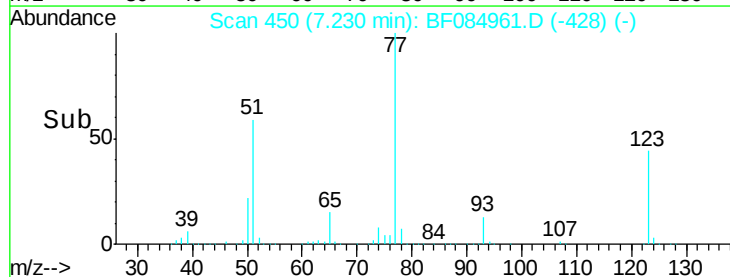
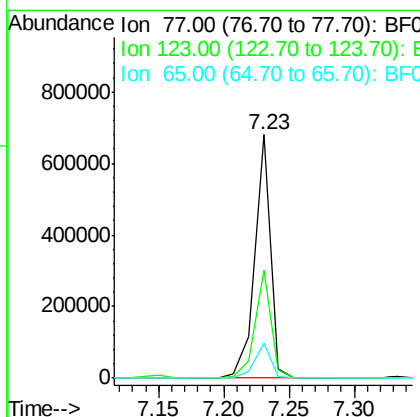
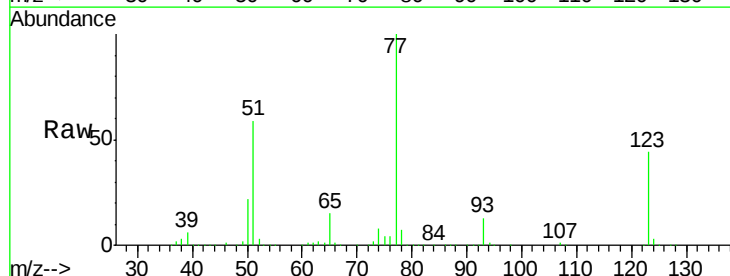
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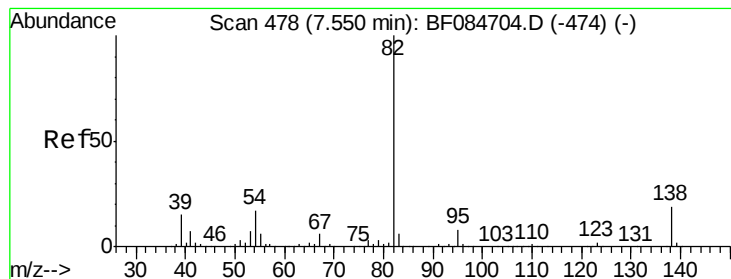
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#24
 Nitrobenzene
 Concen: 37.20 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion: 77 Resp: 575356
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.4 56.2
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 36.89 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1036048

Ion Ratio Lower Upper

82 100

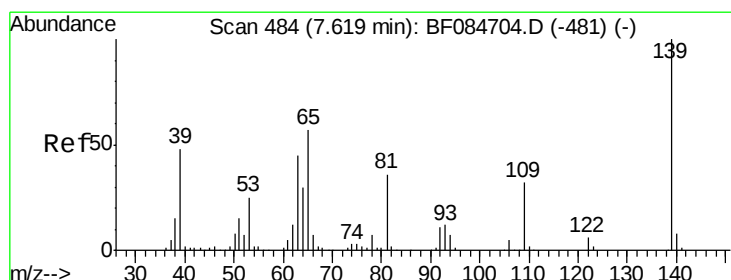
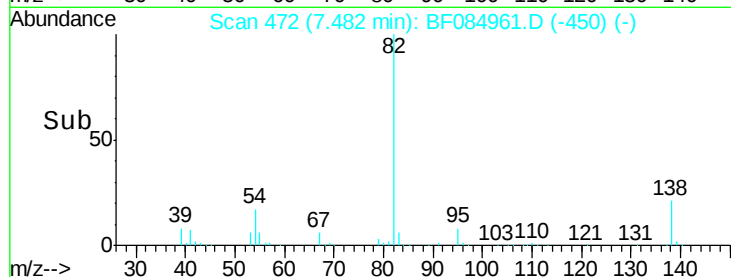
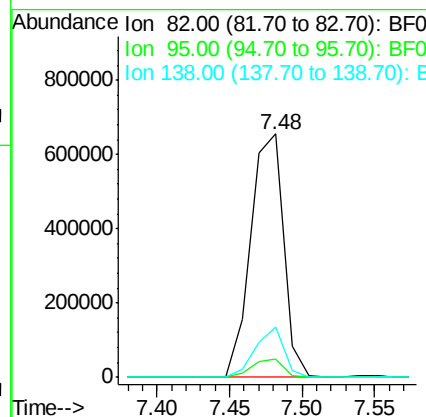
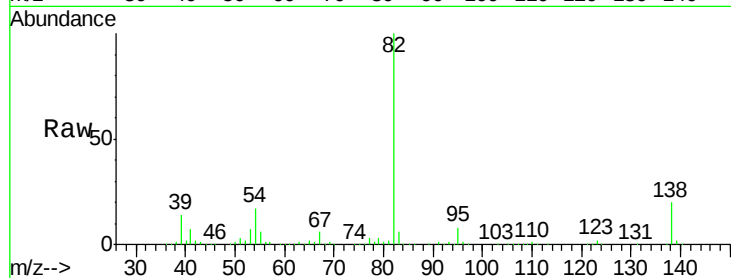
95 7.7 6.6 10.0

138 20.5 13.6 20.4#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.92 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

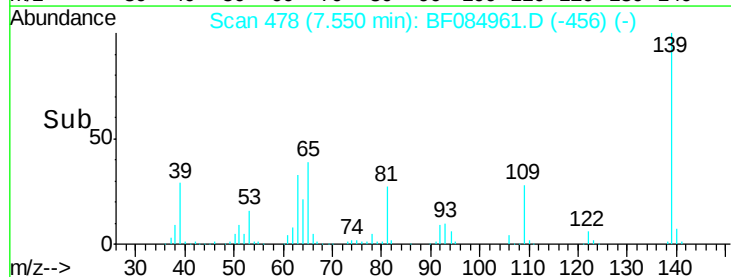
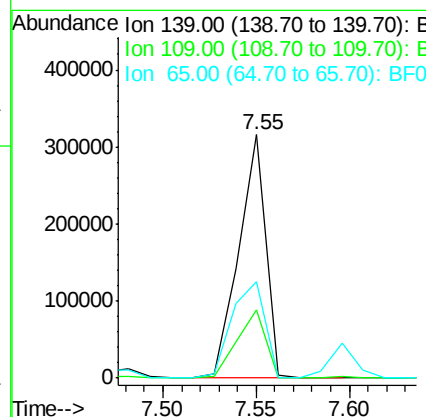
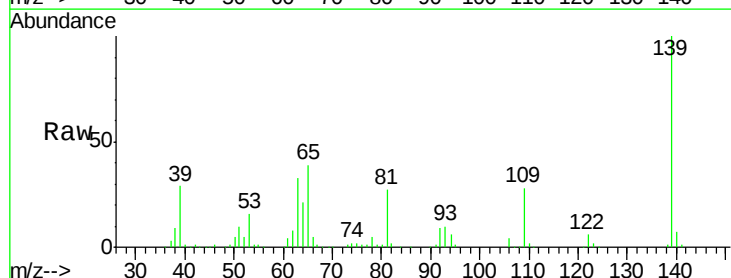
Tgt Ion: 139 Resp: 319802

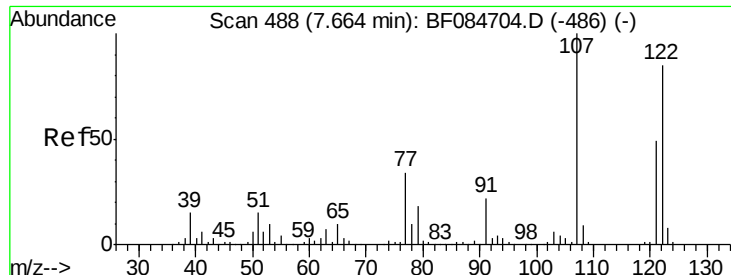
Ion Ratio Lower Upper

139 100

109 28.1 25.4 38.2

65 39.3 32.3 48.5





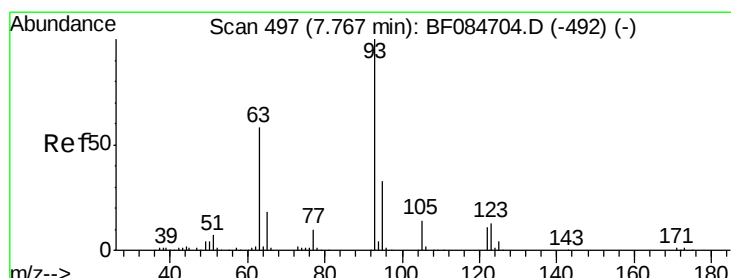
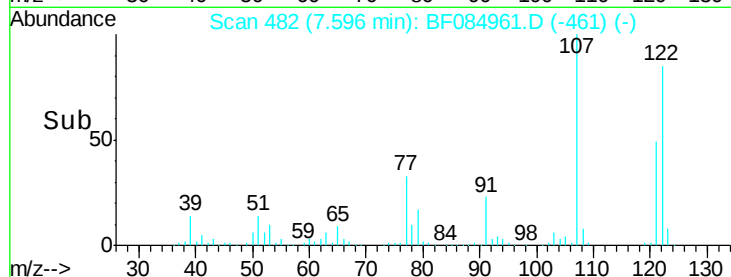
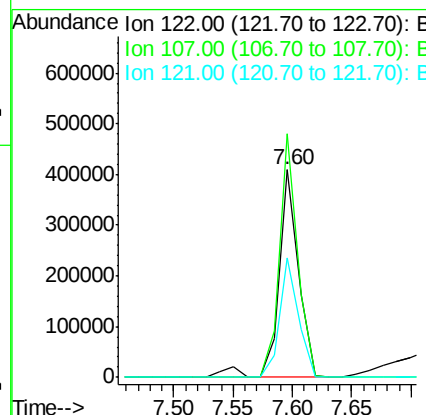
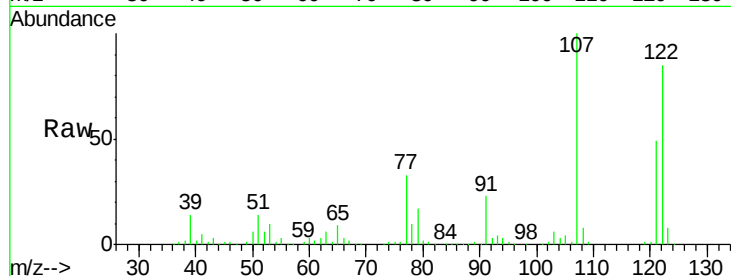
#27
 2,4-Dimethylphenol
 Concen: 35.37 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	469338		
107	117.3	99.1	148.7	
121	57.5	47.9	71.9	

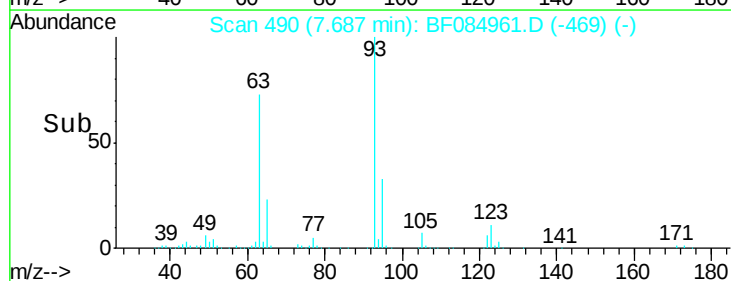
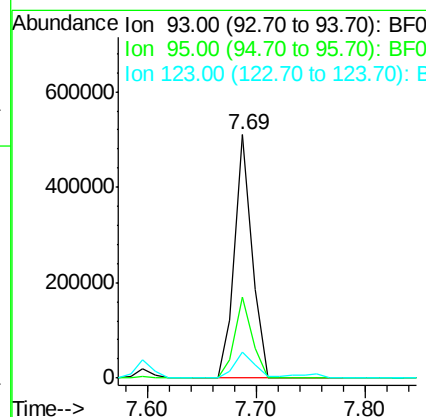
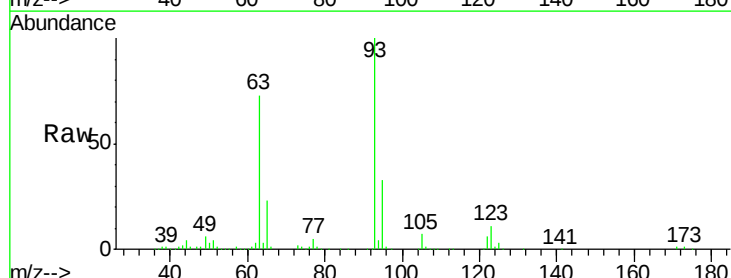
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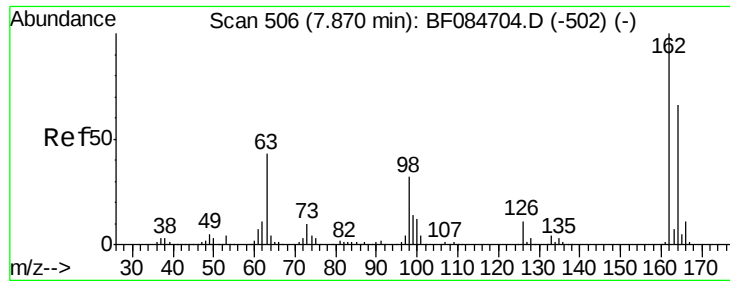
Sohil
 2/10/2016 1:45:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.88 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564511		
95	33.1	25.8	38.6	
123	10.8	8.6	12.8	





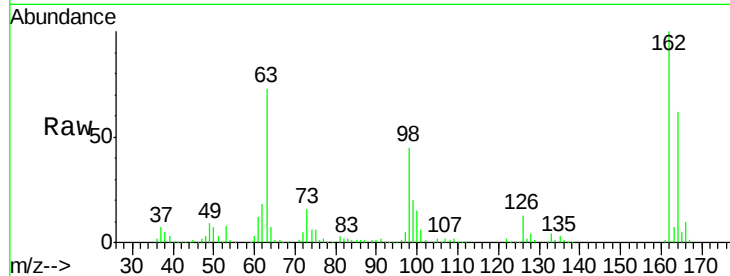
#29
 2,4-Dichlorophenol
 Concen: 35.72 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

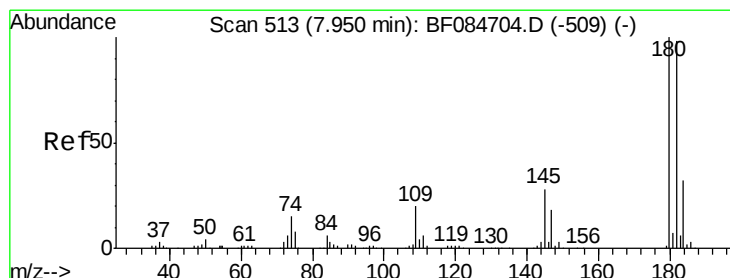
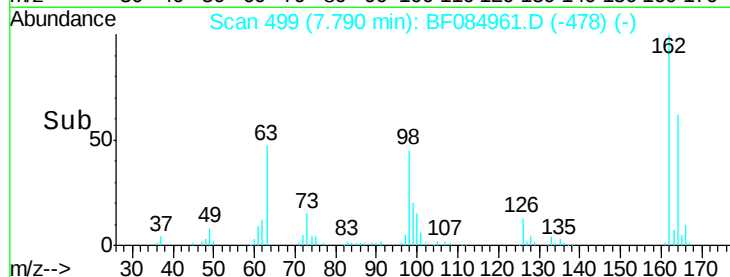
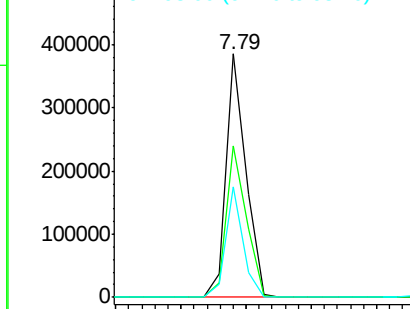
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	44.1	84.1
98	45.3	20.2	60.2

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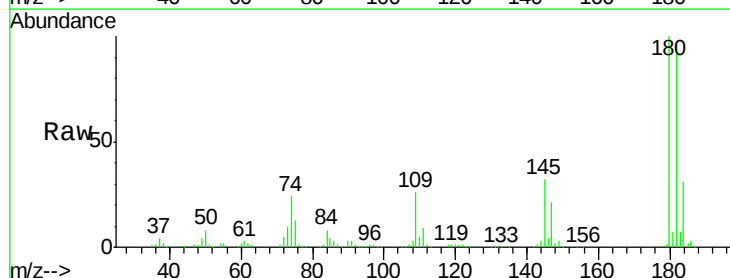


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

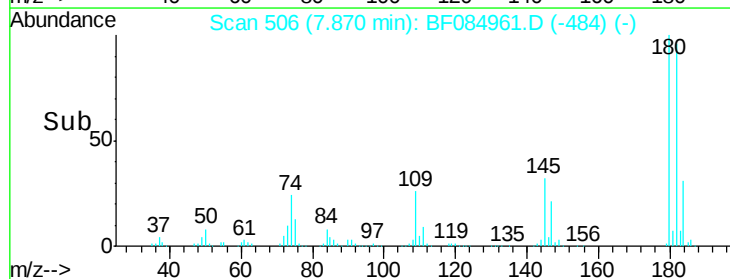
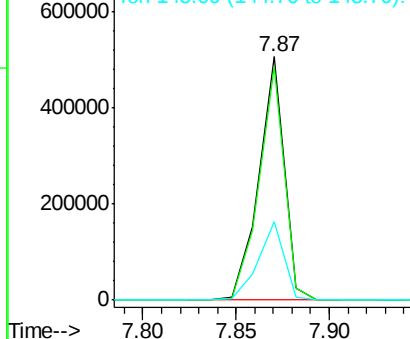


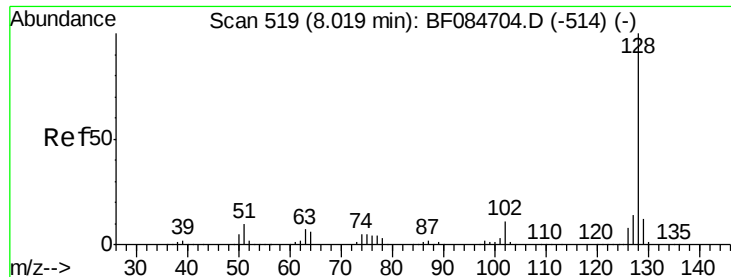
#30
 1,2,4-Trichlorobenzene
 Concen: 37.01 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	76.4	114.6
145	32.2	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





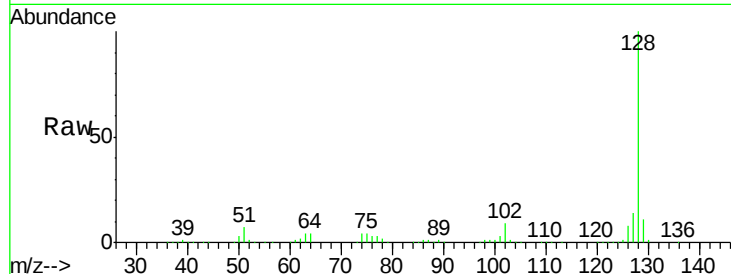
#31
Naphthalene
Concen: 38.14 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

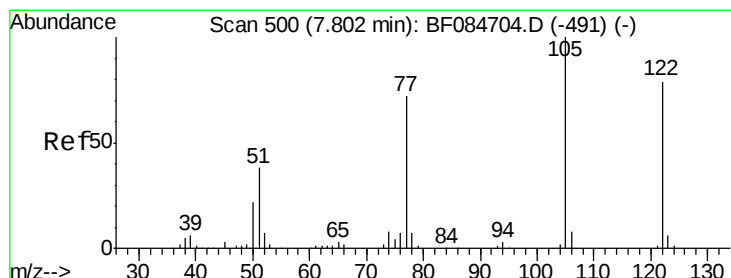
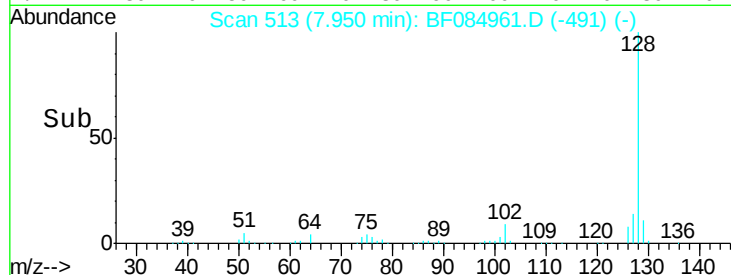
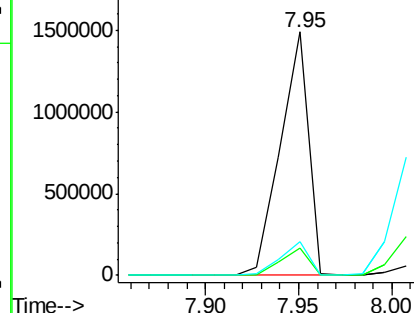
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.0	11.1	16.7

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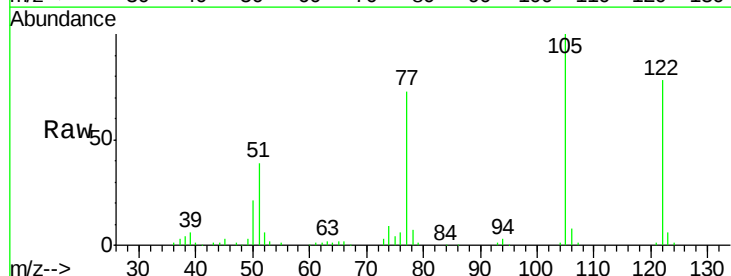


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

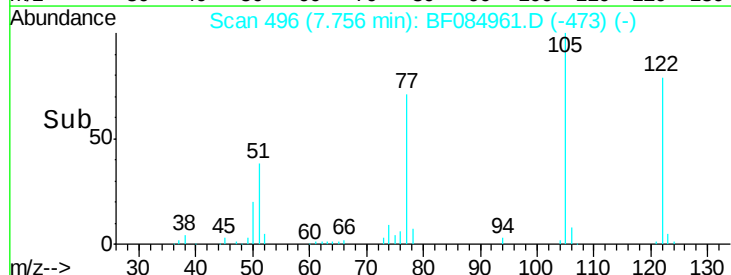
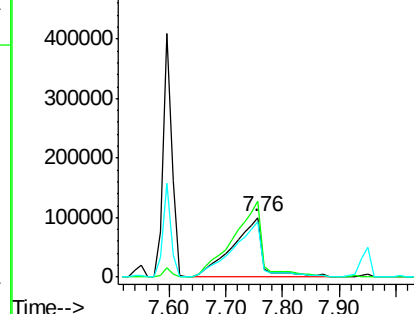


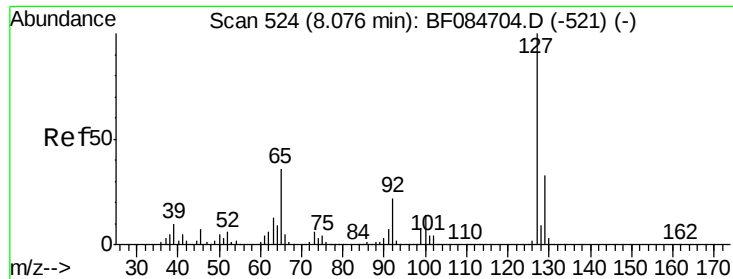
#32
Benzoic acid
Concen: 43.83 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	100.3	140.3
77	93.0	63.5	103.5



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





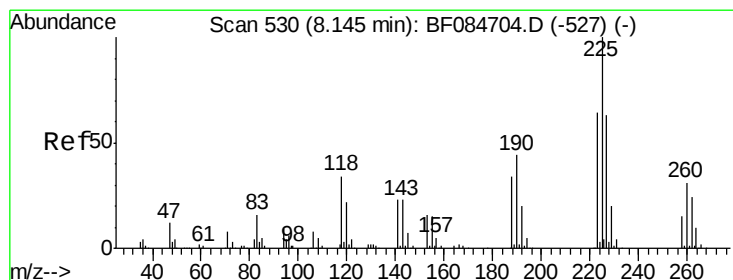
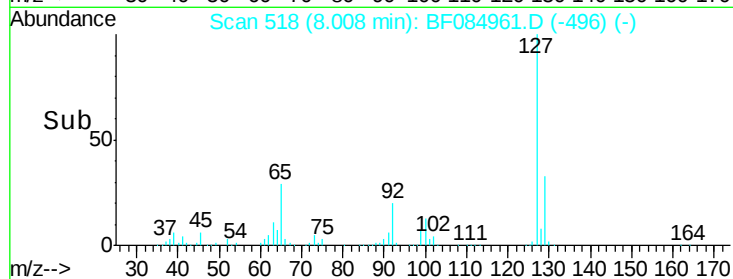
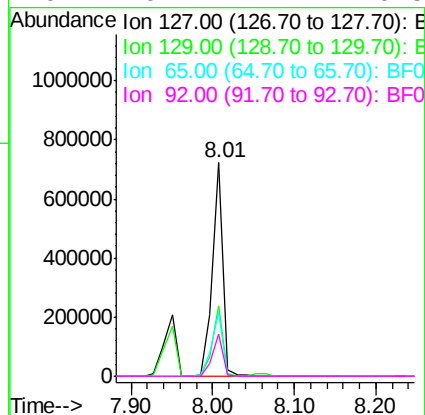
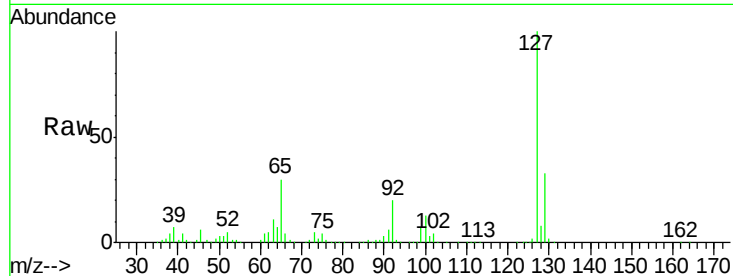
#33
4-Chloroaniline
Concen: 39.56 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		667730		
129	32.8	26.5	39.7		
65	29.8	27.2	40.8		
92	19.7	17.7	26.5		

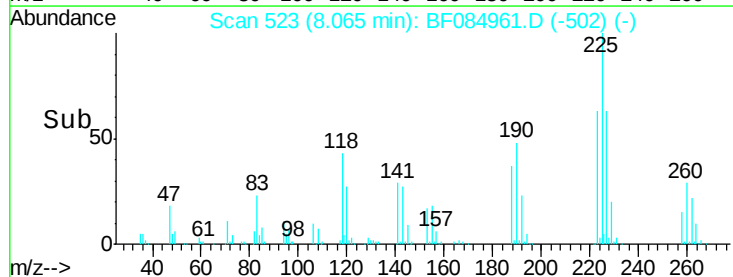
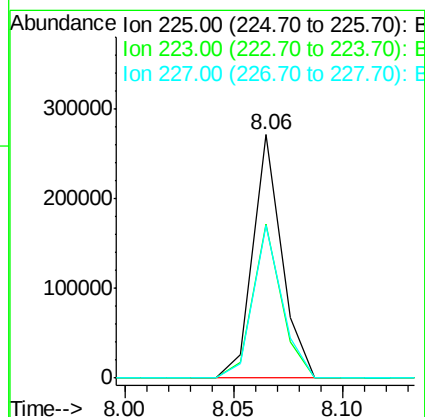
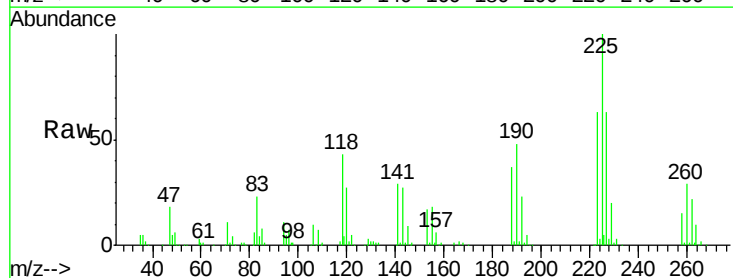
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#34
Hexachlorobutadiene
Concen: 33.79 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		249857		
223	63.4	49.4	74.0		
227	62.7	50.8	76.2		





#35

Caprolactam

Concen: 37.25 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

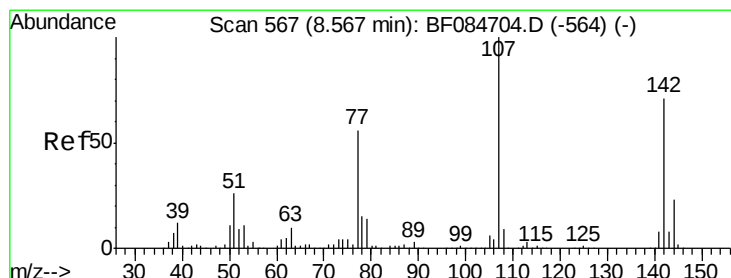
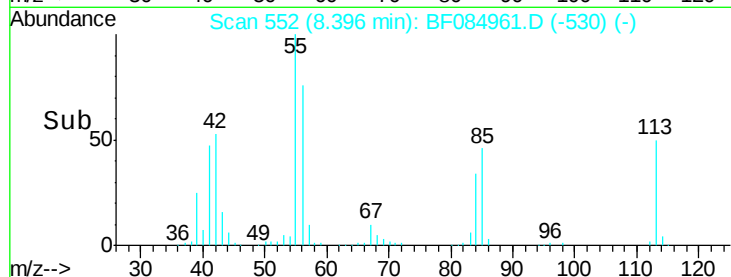
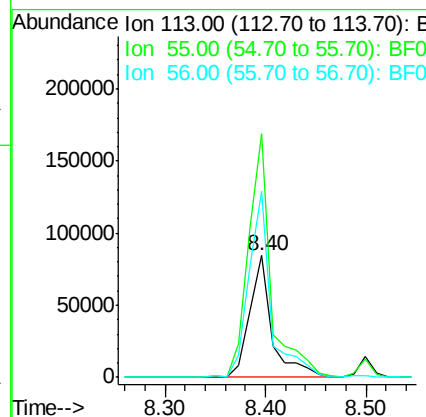
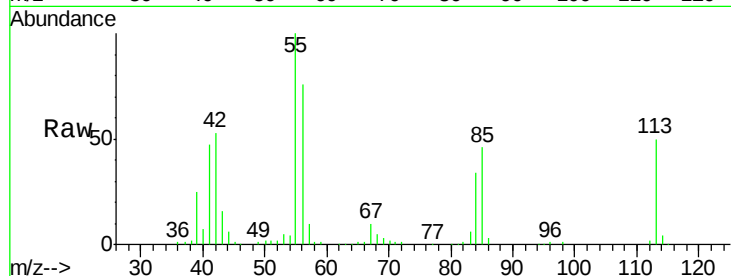
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.0	116.9	156.9#
56	152.9	93.8	133.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 35.57 ng

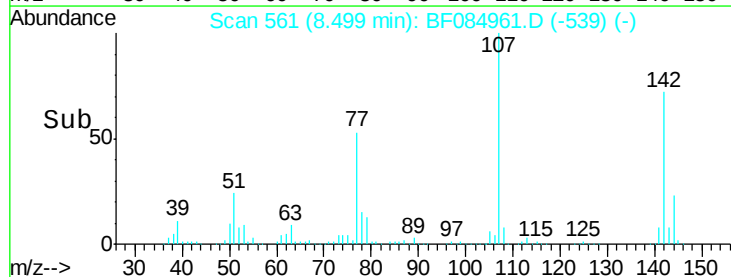
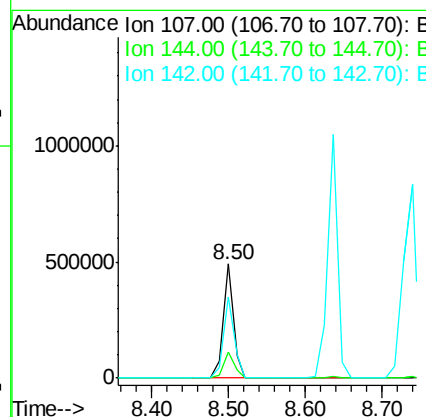
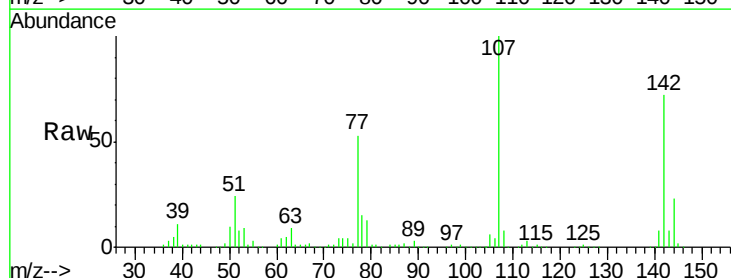
RT: 8.50 min Scan# 561

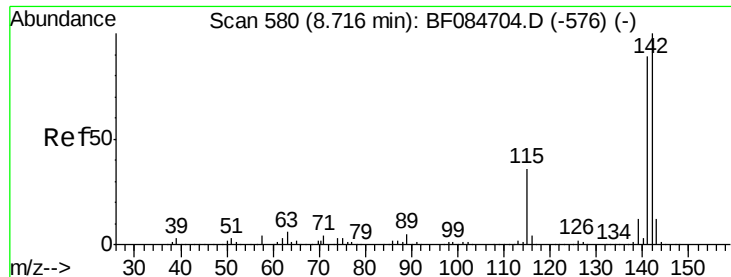
Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.7	29.5
142	71.6	61.8	92.6





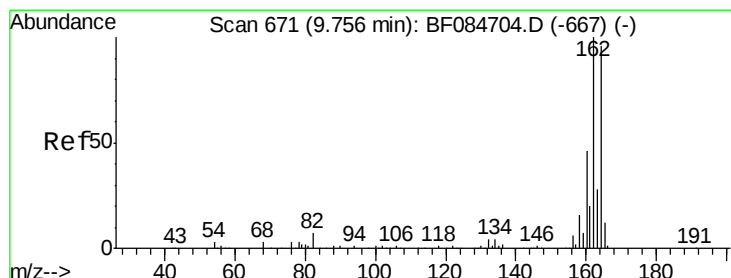
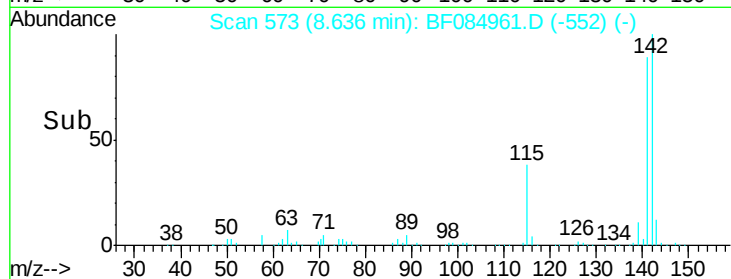
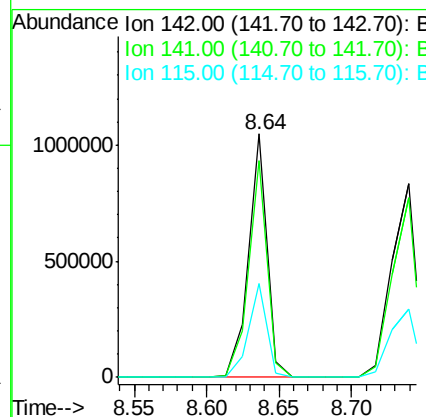
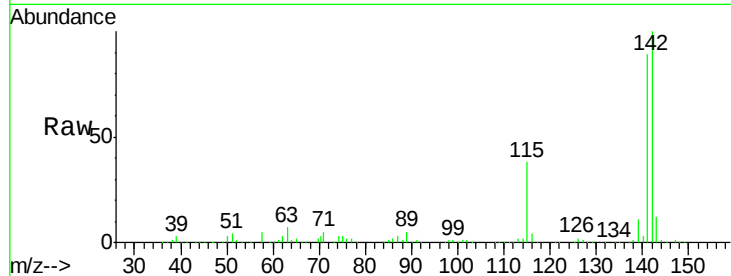
#37
2-Methylnaphthalene
Concen: 36.31 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	38.5	27.9	41.9

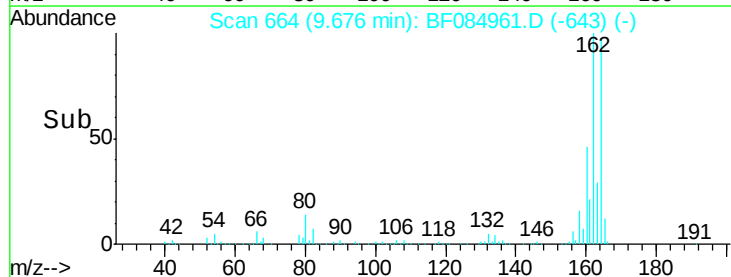
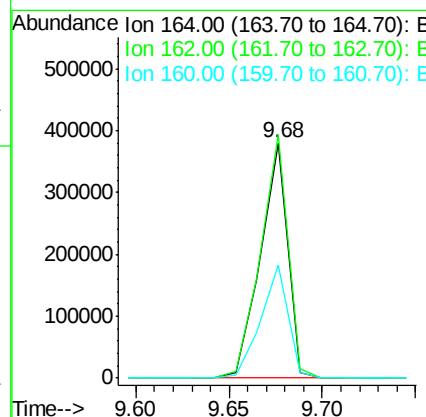
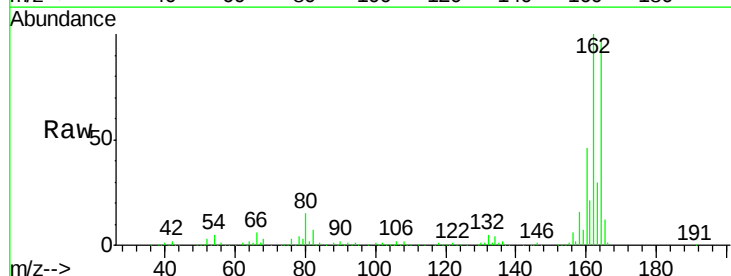
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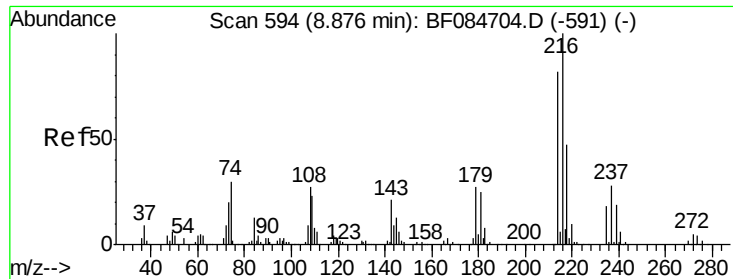
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	48.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.47 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

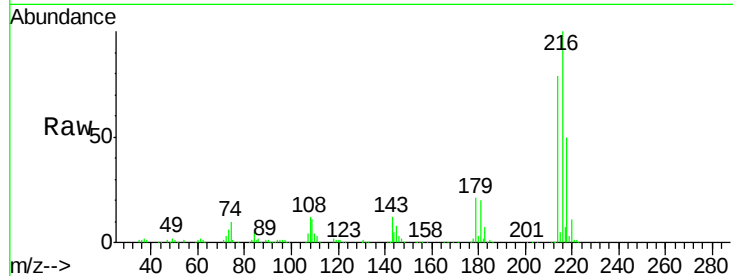
ClientSampleId :

SSTDCCC040EC

Tot Ion:	216	Resp:	467627
Ion Ratio		Lower	Upper
216	100		
214	79.6	64.2	96.2
179	23.0	18.7	28.1
108	18.8	16.8	25.2

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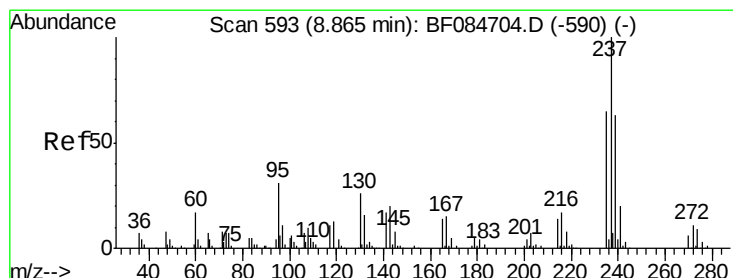
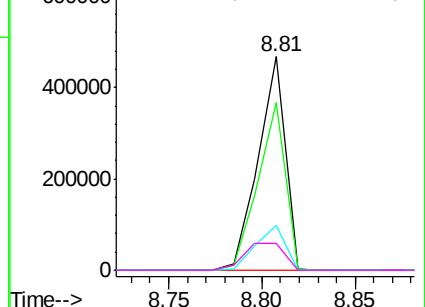
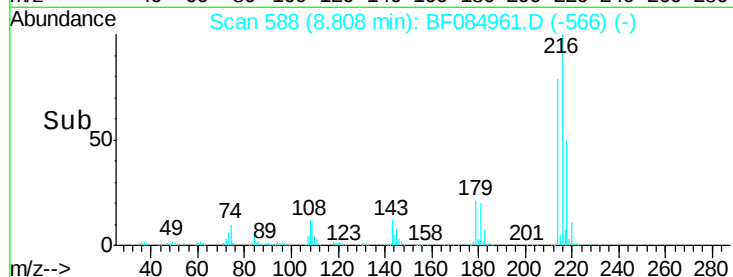


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.44 ng

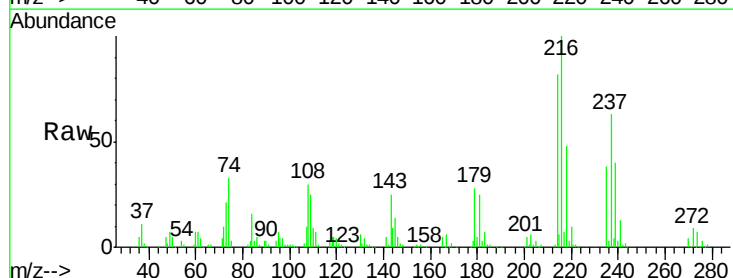
RT: 8.80 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

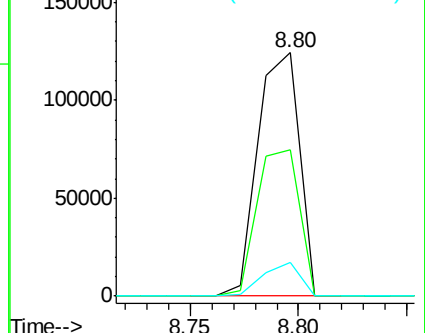
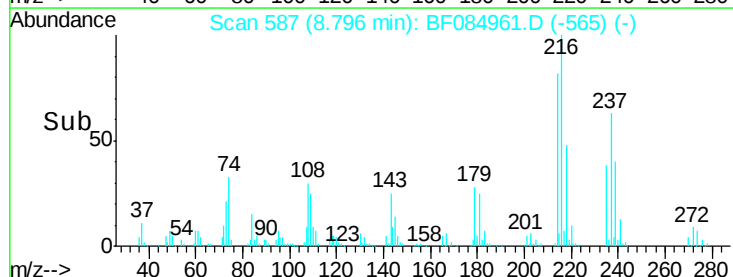
Tgt Ion:	237	Resp:	166200
Ion Ratio		Lower	Upper
237	100		
235	60.2	43.1	83.1
272	13.8	0.0	35.1

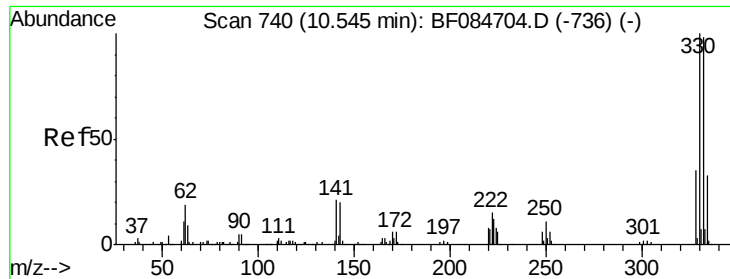


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





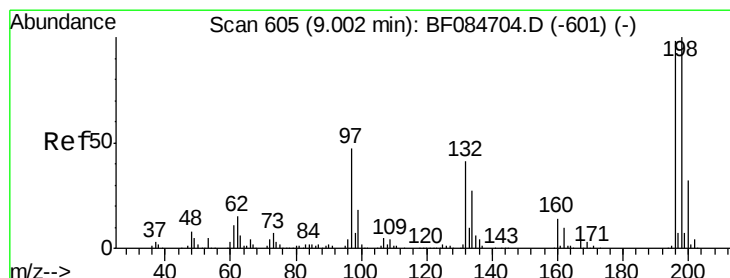
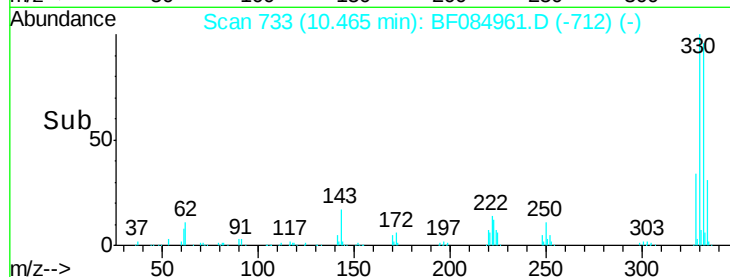
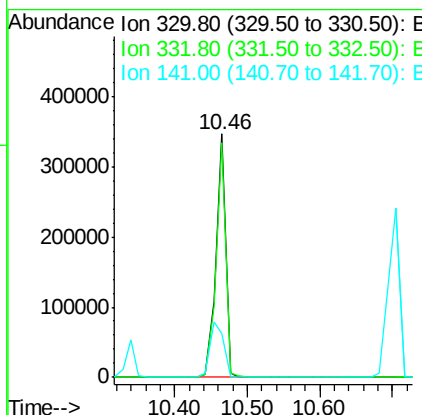
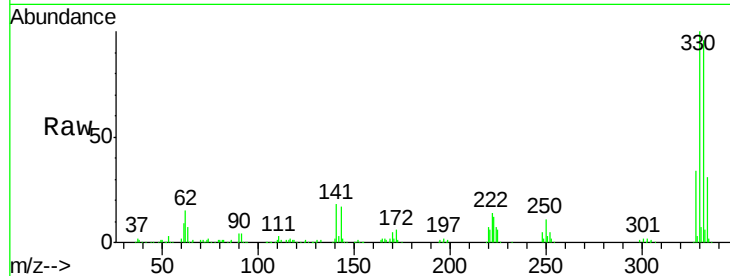
#41
 2,4,6-Tribromophenol
 Concen: 81.24 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	324314		
332	96.1	76.6	114.8	
141	31.6	27.8	41.6	

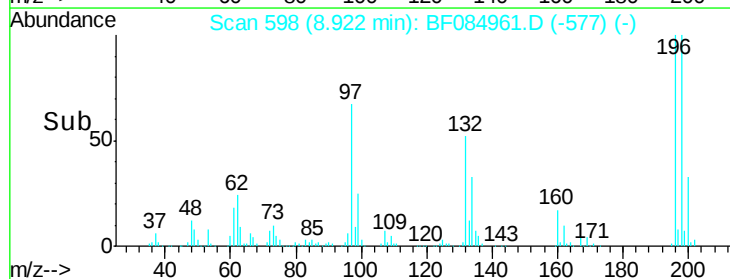
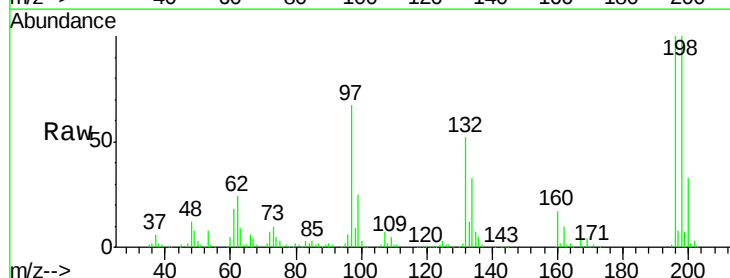
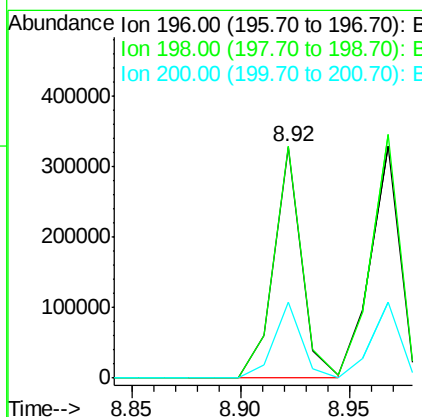
Manual Integrations
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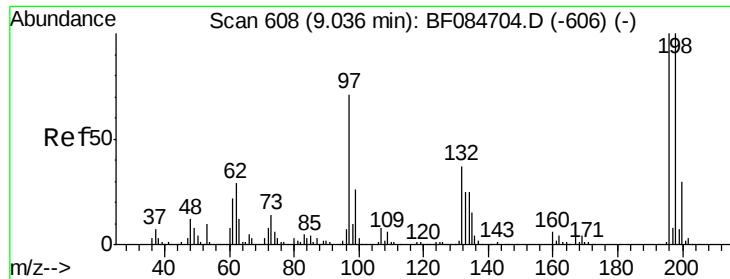
Sohil
 2/10/2016 1:45:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.81 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296109		
198	100.4	77.7	116.5	
200	33.0	24.6	37.0	





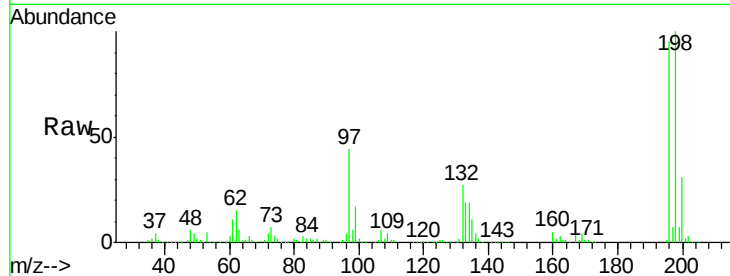
#43
 2,4,5-Trichlorophenol
 Concen: 39.04 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:	196	Resp:	310604
Ion Ratio	Lower	Upper	
196	100		
198	104.9	79.0	118.6
97	46.5	33.0	49.6
132	28.8	21.1	31.7

Manual Integrations
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Sohil
 2/10/2016 1:45:06 PM



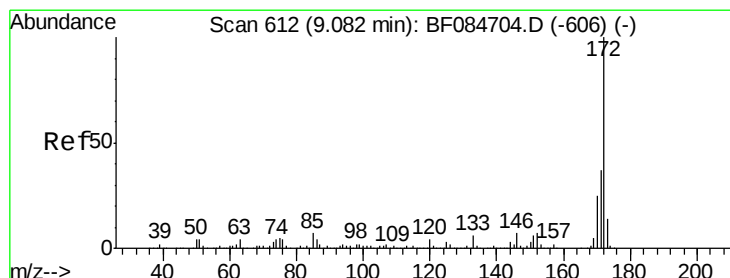
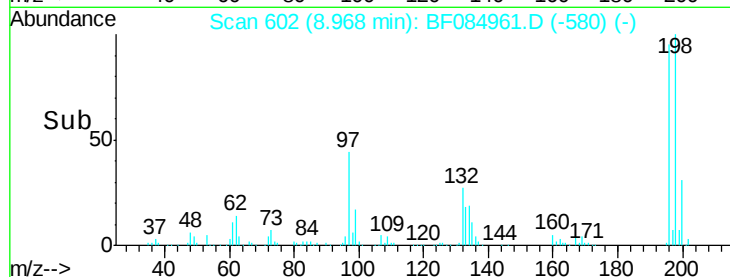
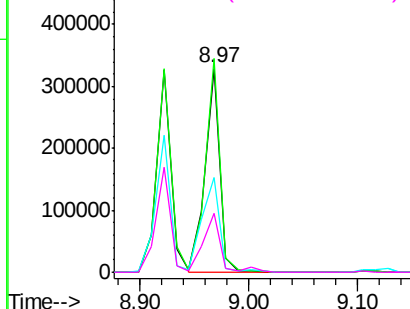
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.83 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

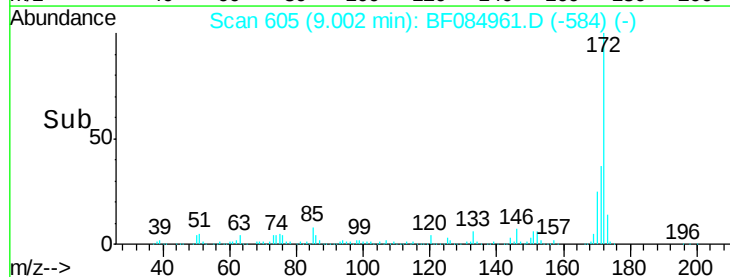
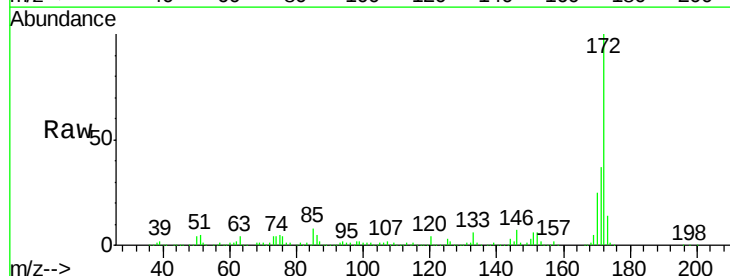
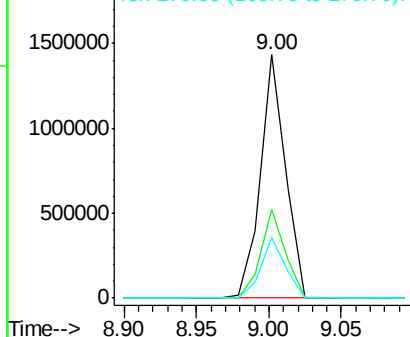
Tgt Ion:	172	Resp:	1701533
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.9	43.3
170	24.7	18.6	27.8

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.64 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1321013

Ion Ratio Lower Upper

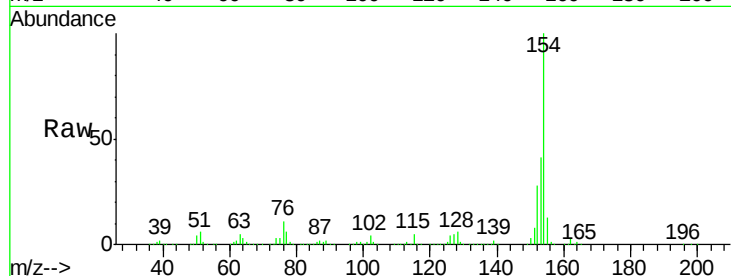
154 100

153 41.3 21.6 61.6

76 10.9 0.0 32.7

Manual Integrations
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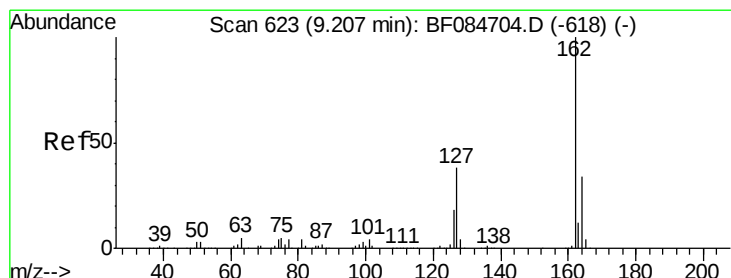
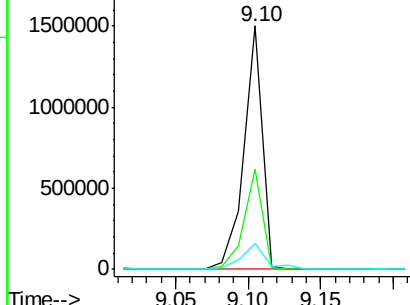
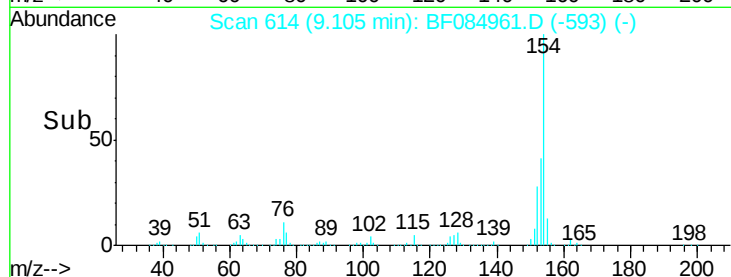
Sohil
2/10/2016 1:45:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.31 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

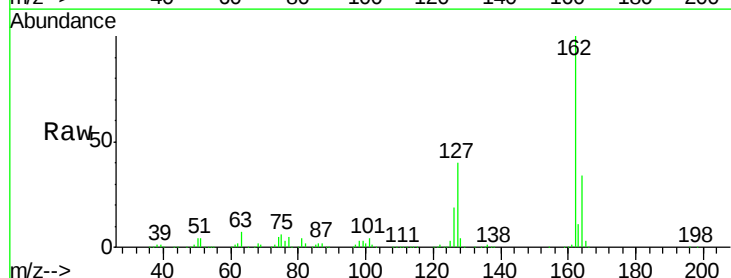
Tgt Ion:162 Resp: 989627

Ion Ratio Lower Upper

162 100

127 40.1 40.2 60.4#

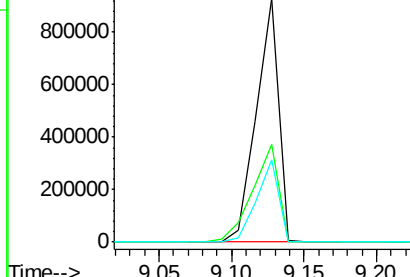
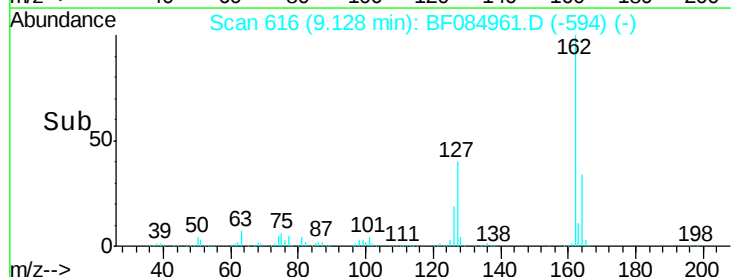
164 33.7 25.7 38.5

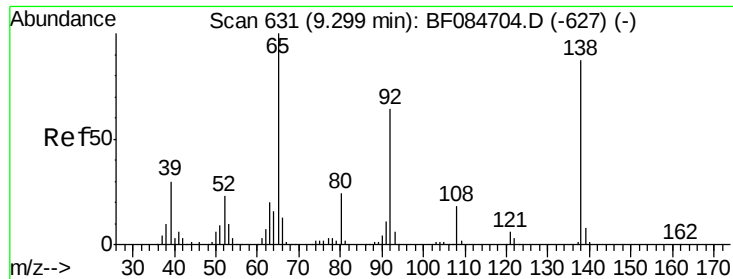


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





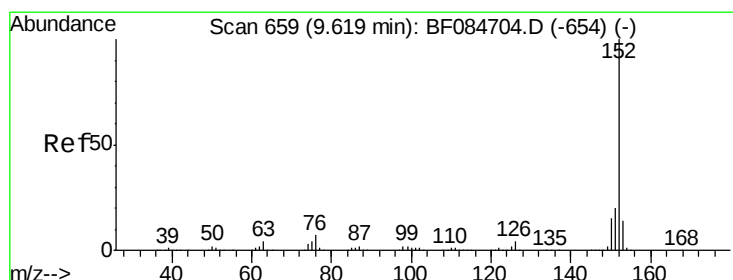
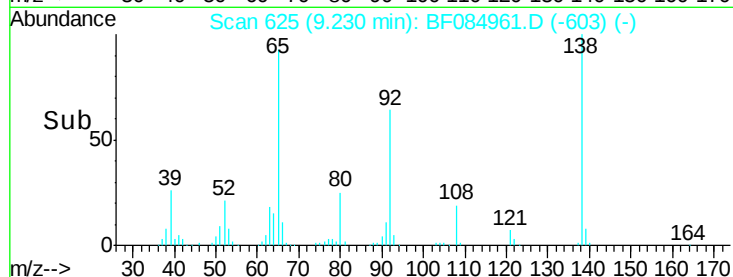
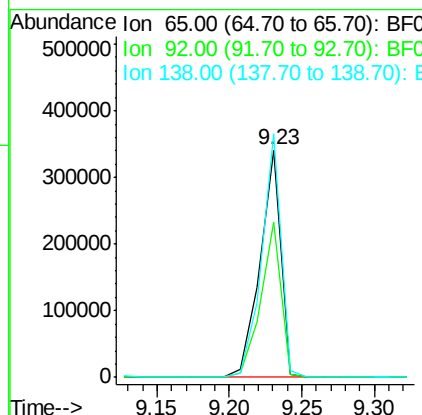
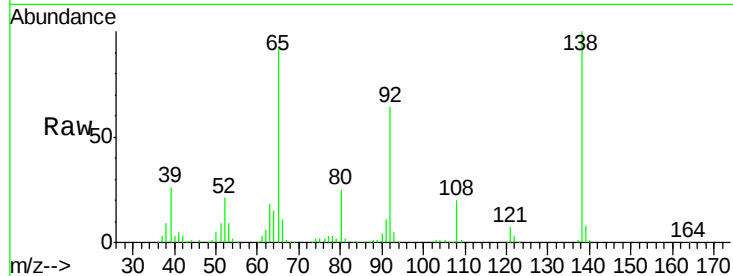
#47
2-Nitroaniline
Concen: 42.36 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.4	80.2
138	107.2	71.1	106.7

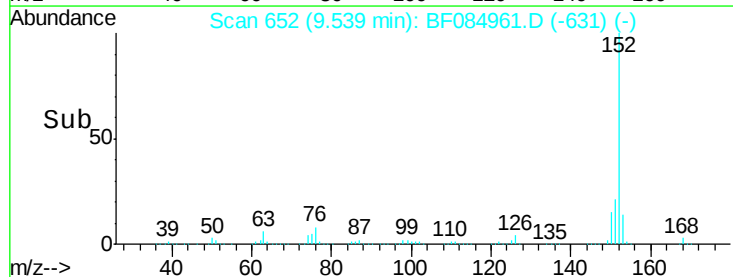
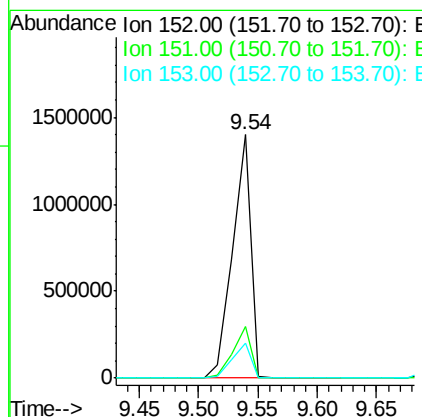
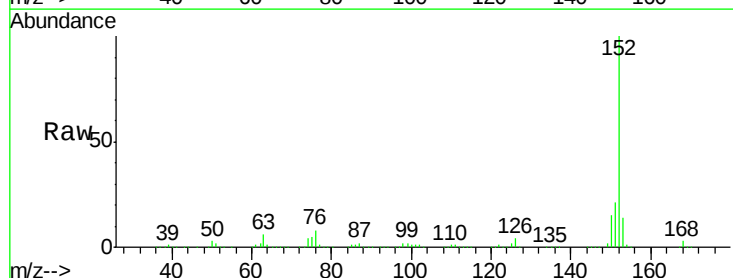
Manual Integrations
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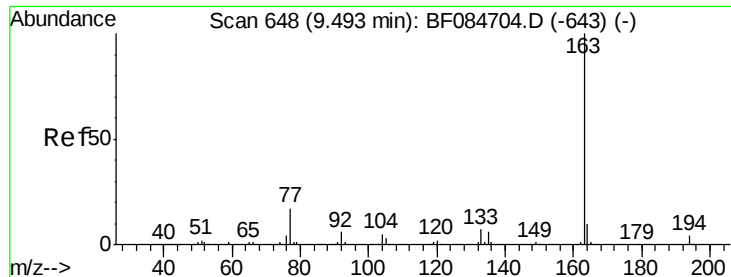
Sohil
2/10/2016 1:45:06 PM



#48
Acenaphthylene
Concen: 38.92 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.2	10.4	15.6





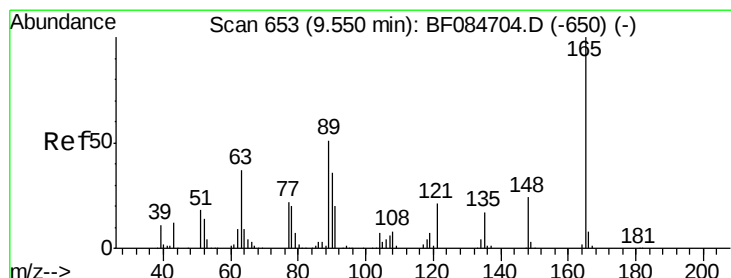
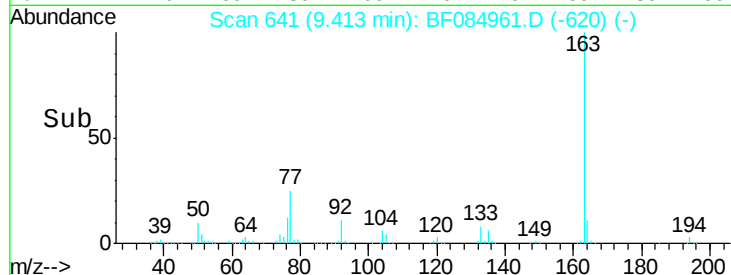
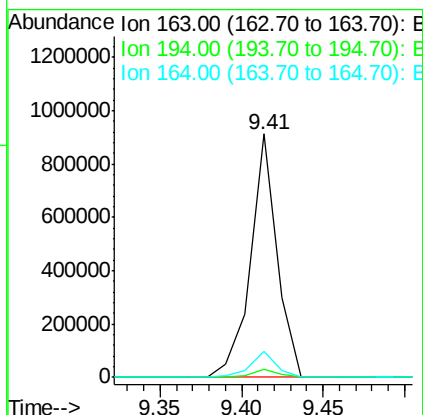
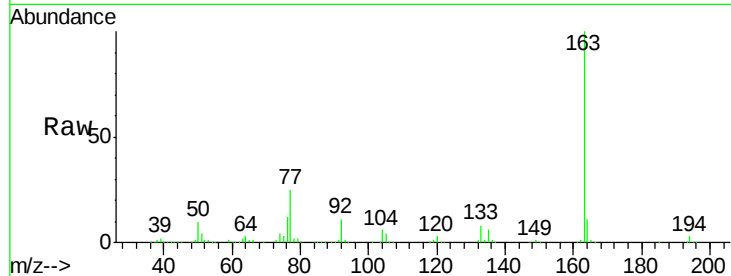
#49
Dimethylphthalate
Concen: 35.20 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.7	8.0	12.0

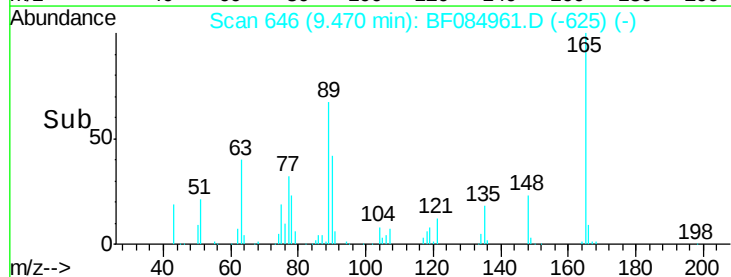
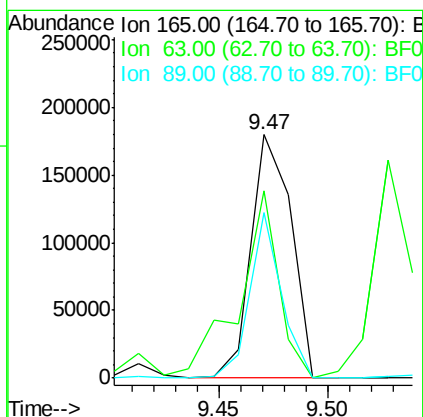
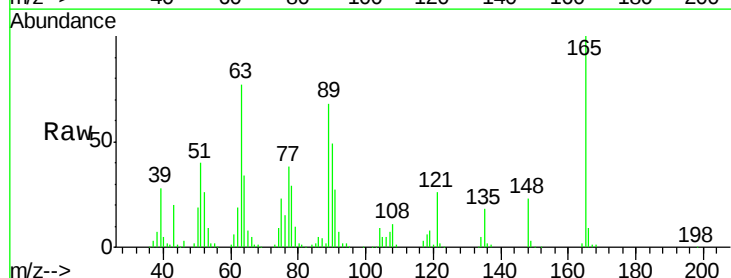
Manual Integrations
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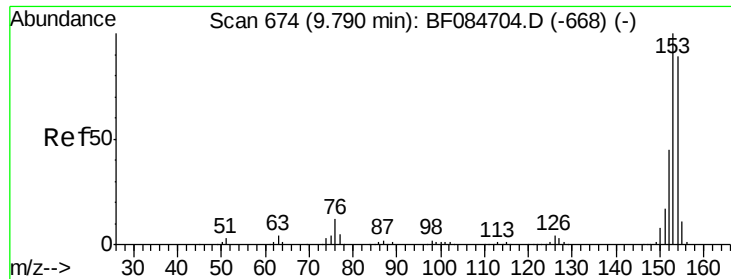
Sohil
2/10/2016 1:45:06 PM



#50
2,6-Dinitrotoluene
Concen: 36.36 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.8	28.8	43.2#
89	68.2	35.1	52.7#





#51

Acenaphthene

Concen: 39.05 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

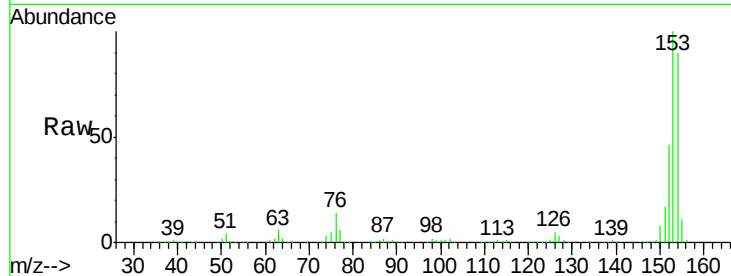
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	970631
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.5	137.3
152	51.0	43.0	64.6

Manual Integrations
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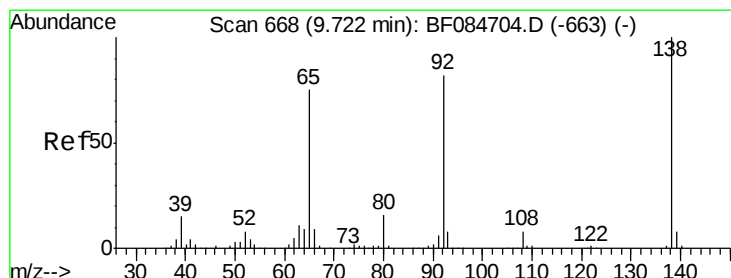
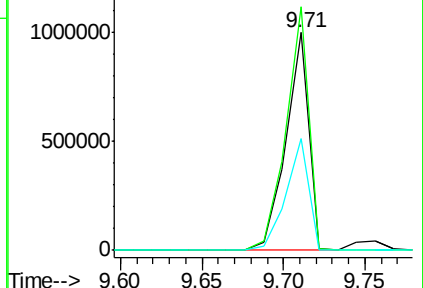
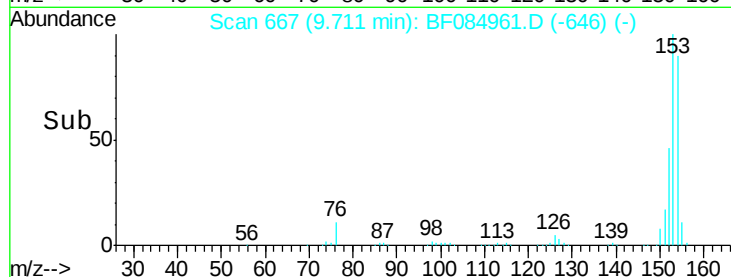
Sohil
2/10/2016 1:45:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.83 ng

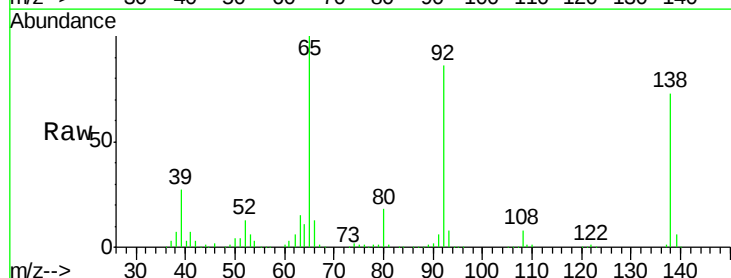
RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

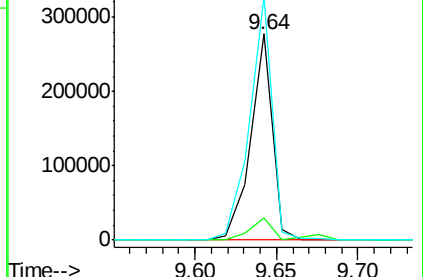
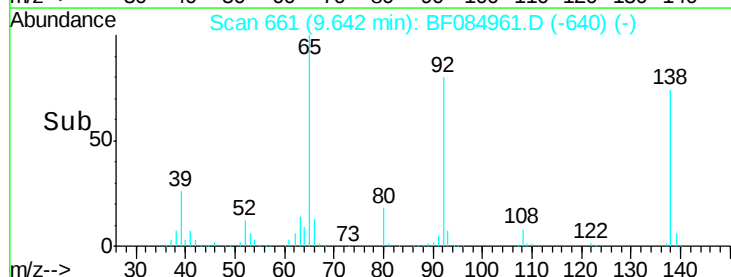
Tgt Ion:	138	Resp:	256422
Ion Ratio	Lower	Upper	
138	100		
108	11.0	10.5	15.7
92	117.9	103.9	155.9

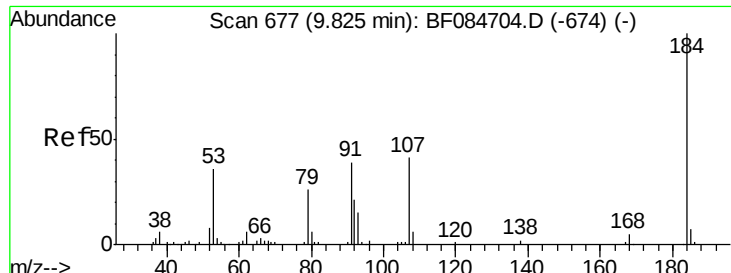


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





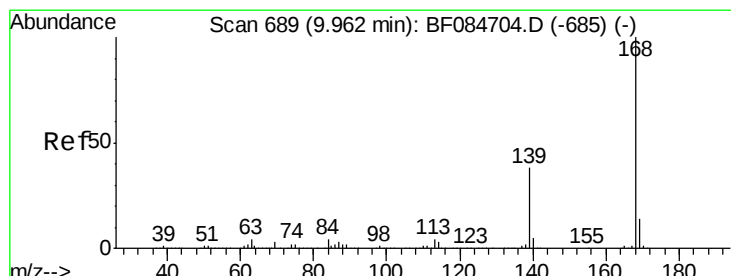
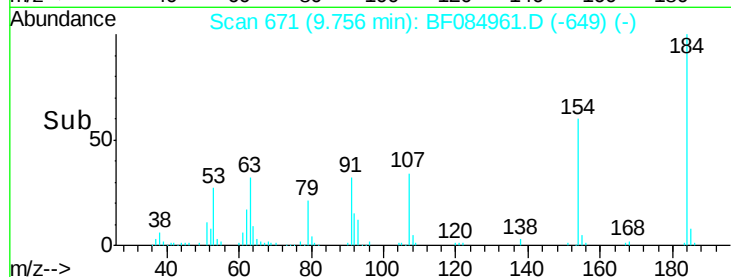
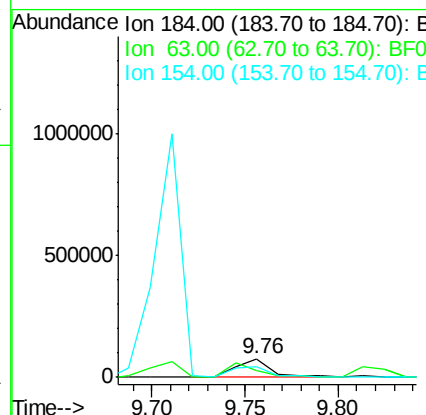
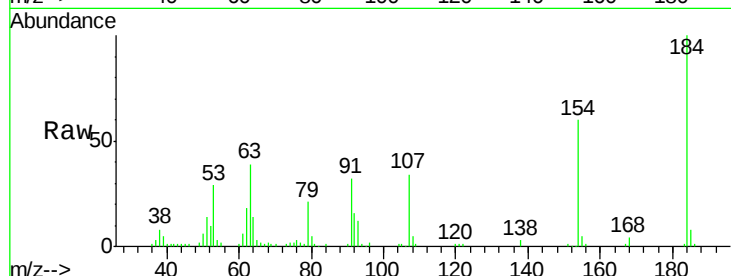
#53
2,4-Dinitrophenol
Concen: 37.71 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	101105		
63	38.7	43.1	64.7#	
154	59.9	60.5	90.7#	

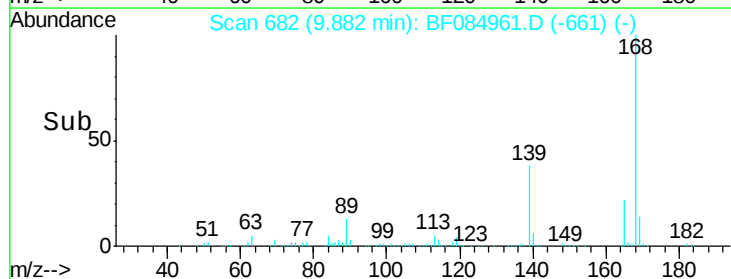
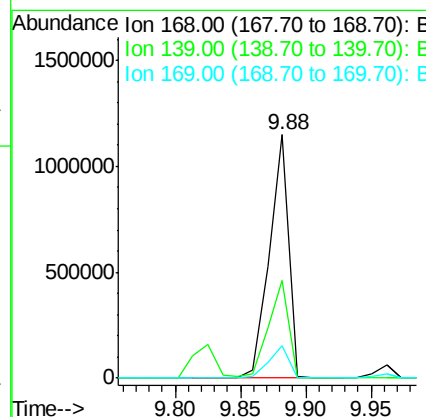
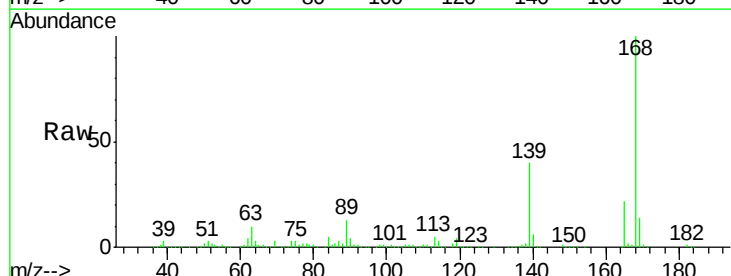
Manual Integrations
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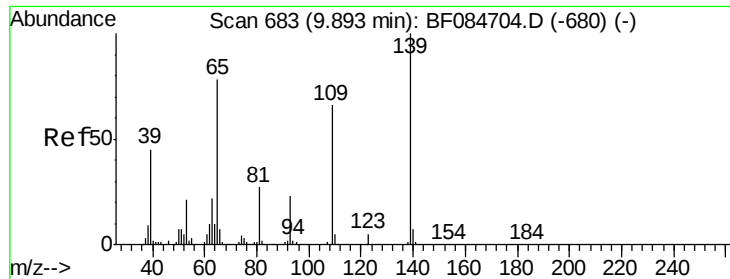
Sohil
2/10/2016 1:45:06 PM



#54
Dibenzofuran
Concen: 38.95 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1183052		
139	40.1	30.5	45.7	
169	13.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 36.60 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

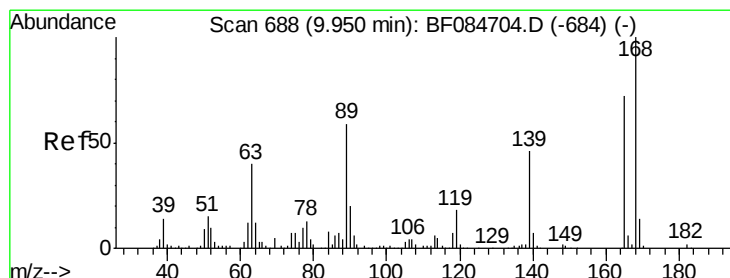
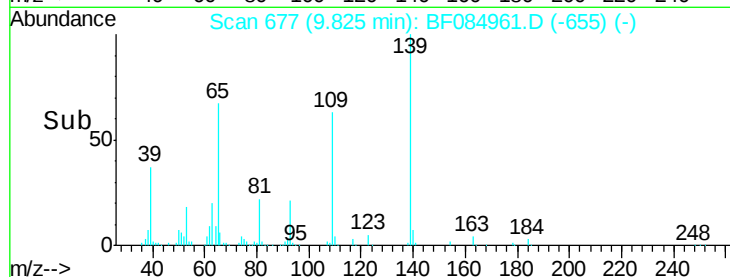
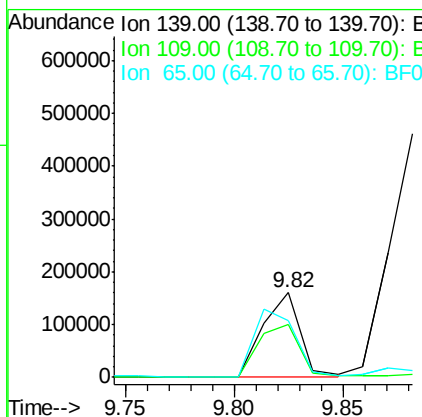
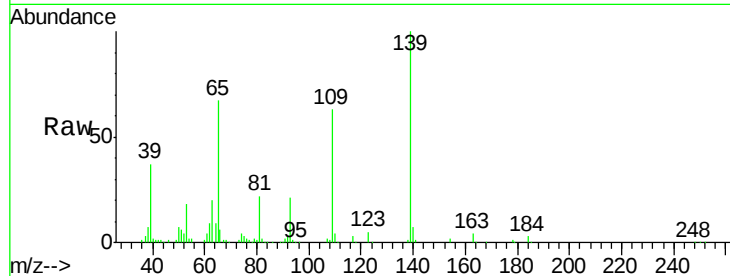
ClientSampleId :

SSTDCCC040EC

Tot Ion:	139	Resp:	192461
Ion Ratio	Lower	Upper	
139	100		
109	62.8	58.5	98.5
65	67.2	57.6	97.6

Manual Integrations
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Sohil
2/10/2016 1:45:06 PM



#56

2,4-Dinitrotoluene

Concen: 39.11 ng

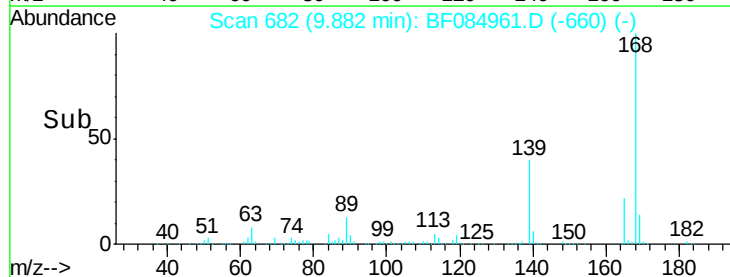
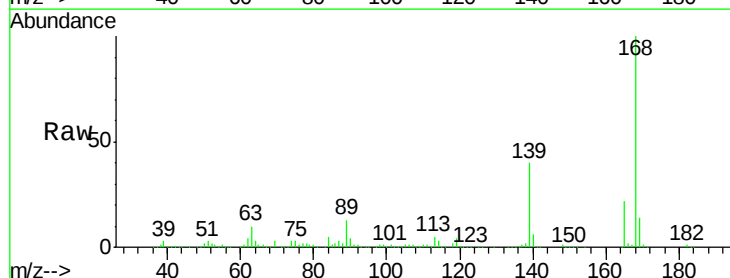
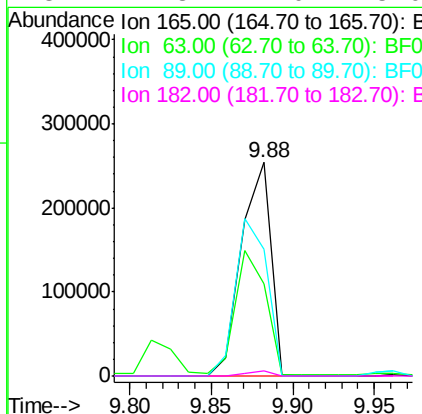
RT: 9.88 min Scan# 682

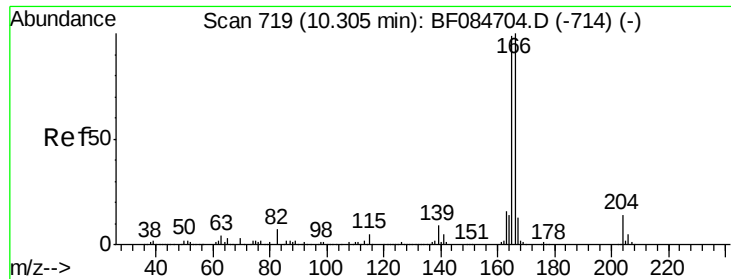
Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	165	Resp:	317654
Ion Ratio	Lower	Upper	
165	100		
63	43.3	36.7	55.1
89	59.2	61.9	92.9#
182	2.3	2.0	3.0





#57

Fluorene

Concen: 39.88 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1011633

Ion Ratio Lower Upper

166 100

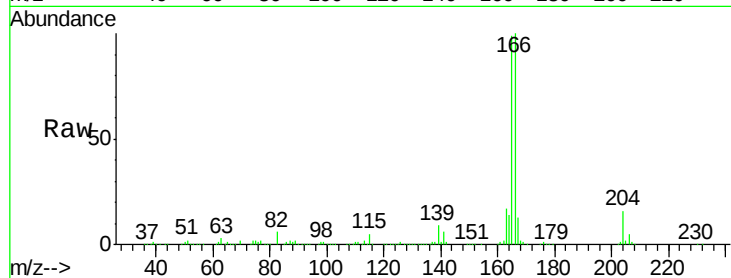
165 99.0 79.1 118.7

167 13.3 10.4 15.6

Manual Integrations
APPROVED

Sohil

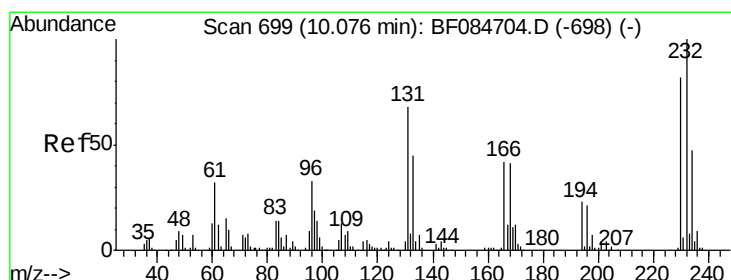
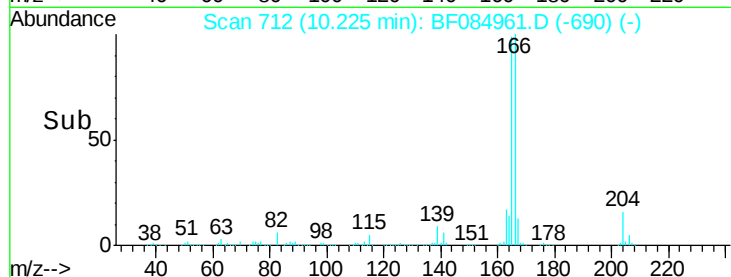
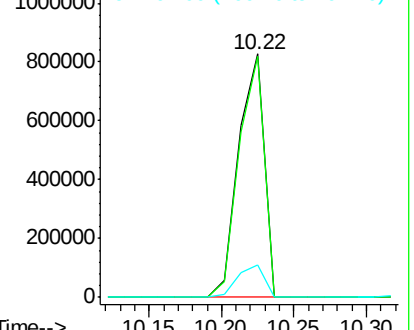
2/10/2016 1:45:06 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.76 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:232 Resp: 222646

Ion Ratio Lower Upper

232 100

131 49.7 47.0 70.6

130 2.3 2.0 3.0

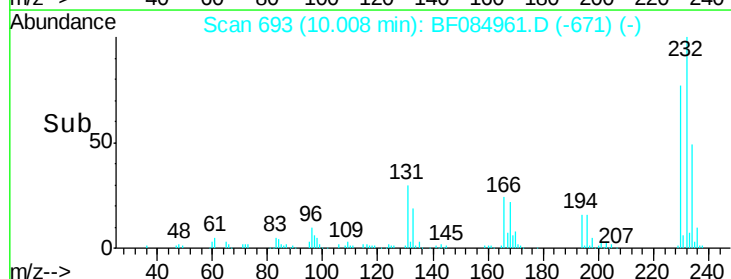
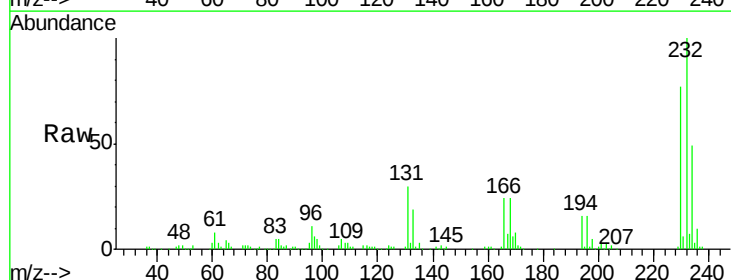
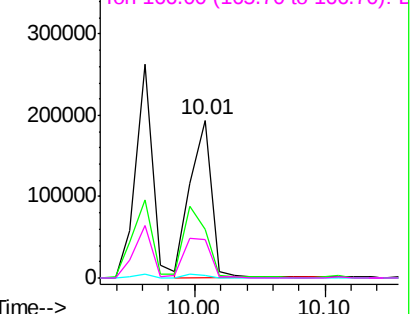
166 31.6 30.5 45.7

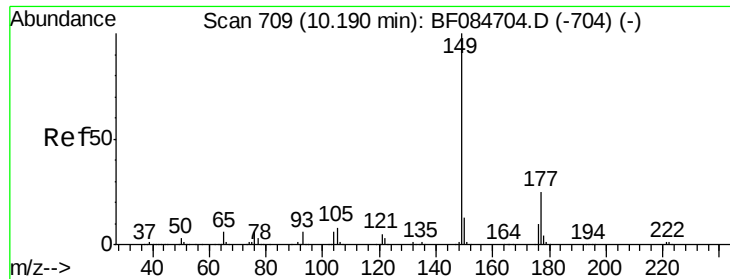
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.75 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1074489

Ion Ratio Lower Upper

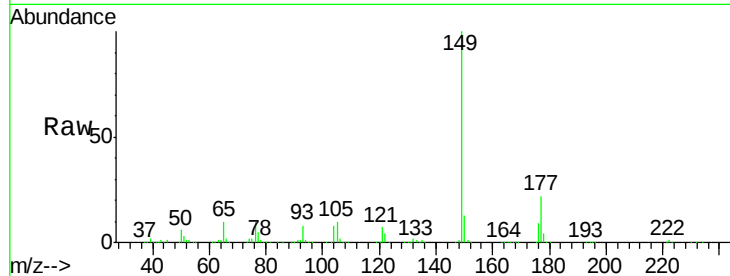
149 100

177 22.4 17.3 25.9

150 12.7 9.8 14.8

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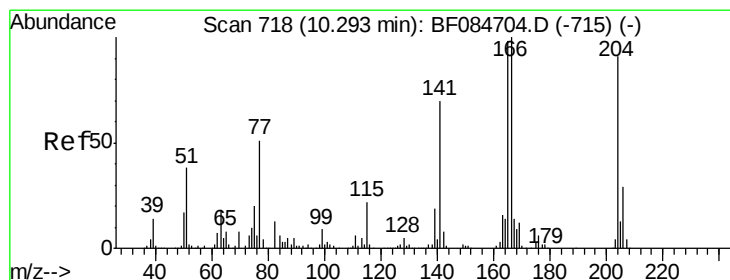
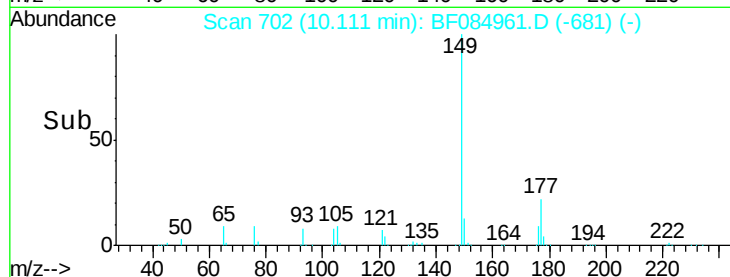
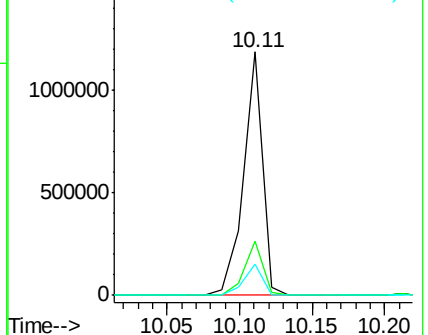
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.85 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

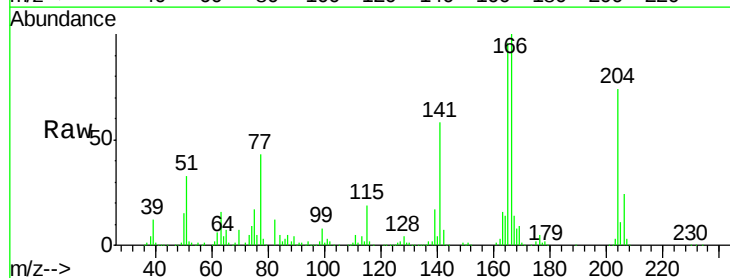
Tgt Ion:204 Resp: 406721

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

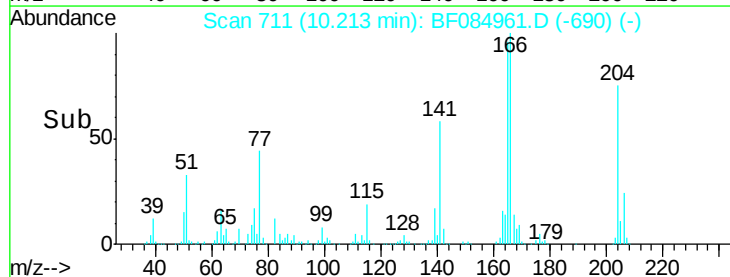
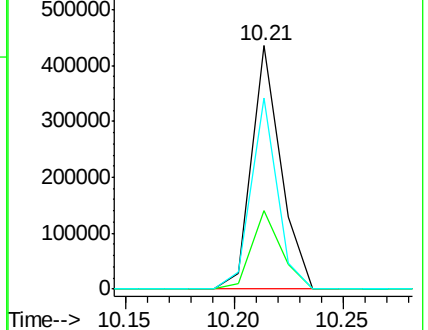
141 78.3 55.1 82.7

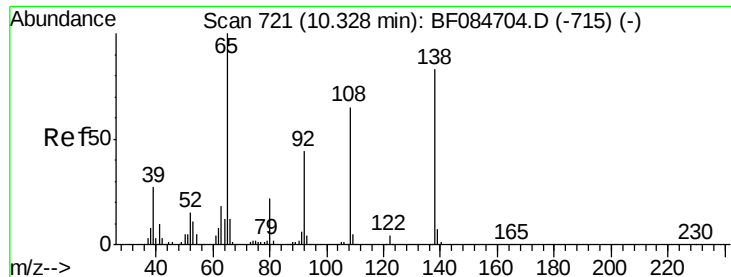


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.69 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

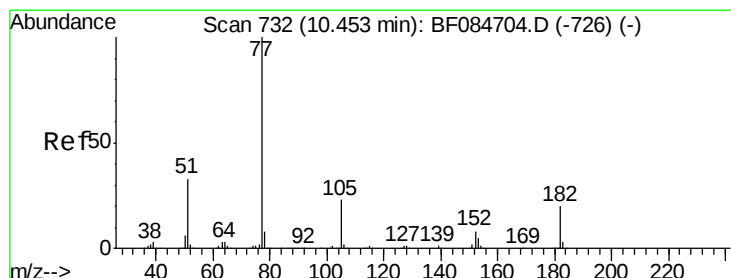
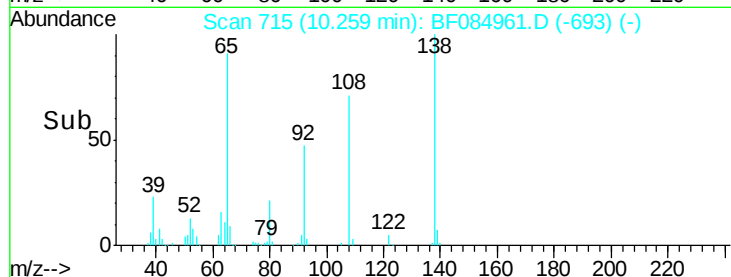
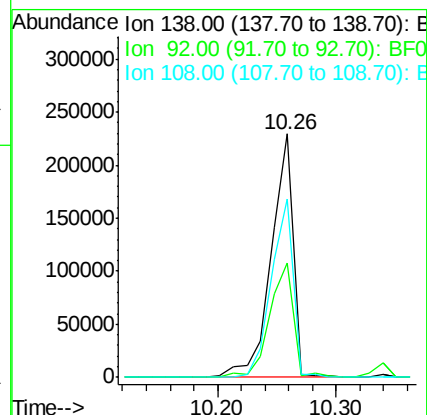
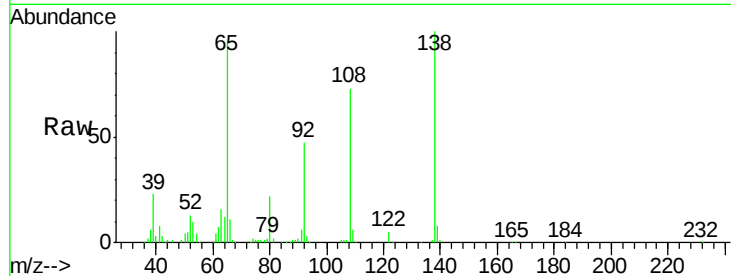
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	297661
Ion Ratio	Lower	Upper	
138	100		
92	46.8	32.6	72.6
108	73.0	68.6	108.6

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#62

Azobenzene

Concen: 37.03 ng

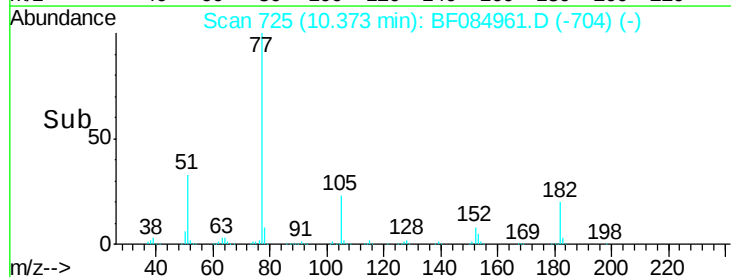
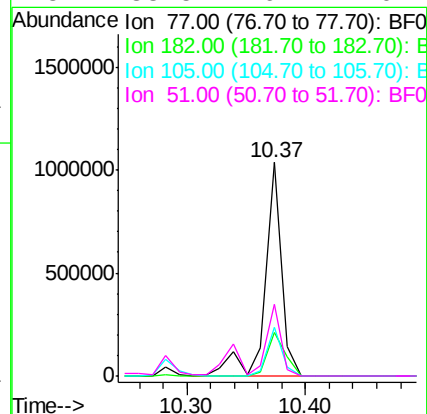
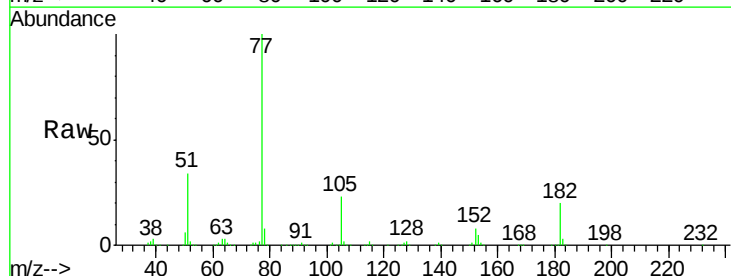
RT: 10.37 min Scan# 725

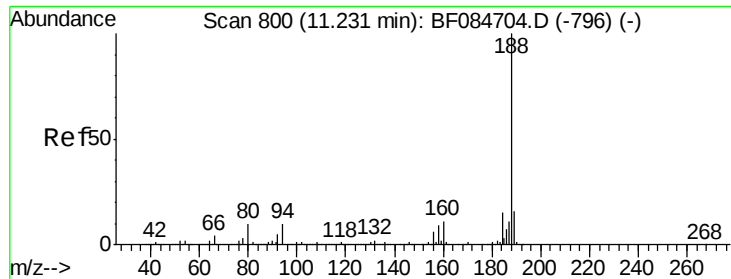
Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	77	Resp:	1013410
Ion Ratio	Lower	Upper	
77	100		
182	20.3	8.3	48.3
105	23.1	4.6	44.6
51	33.5	6.2	46.2





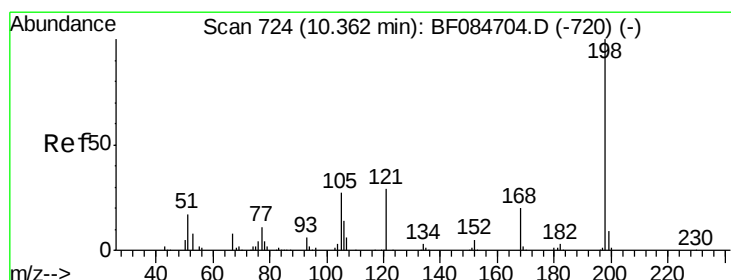
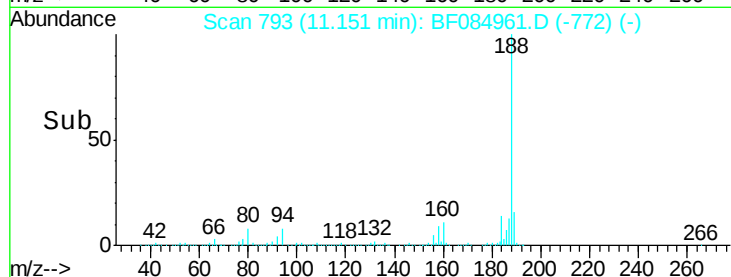
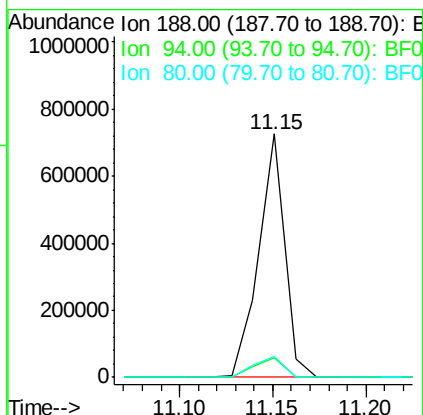
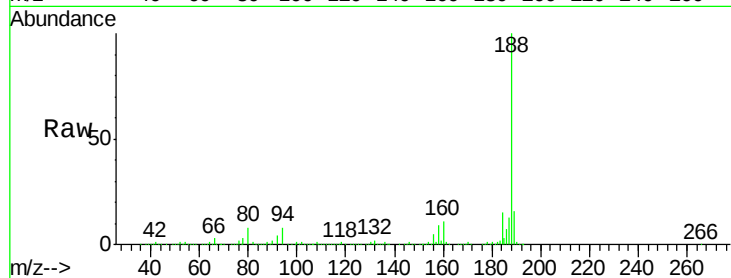
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		699571		
94	8.3		9.0	13.4#	
80	8.3		9.6	14.4#	

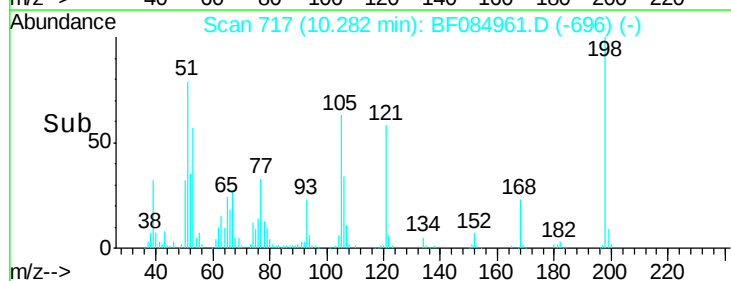
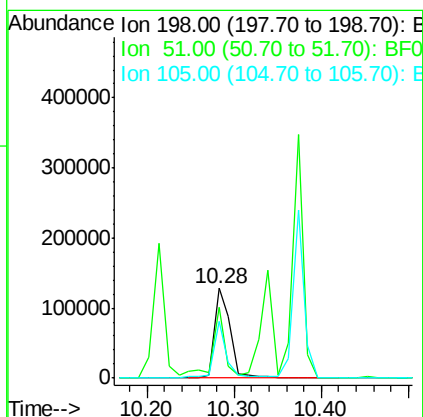
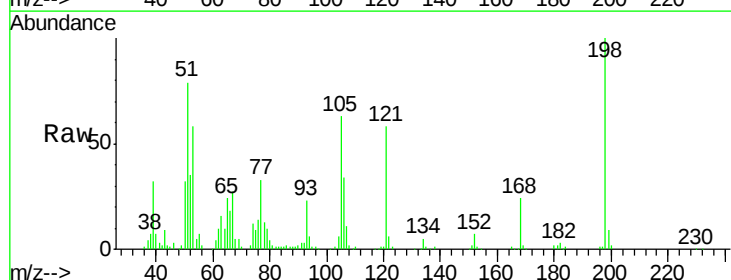
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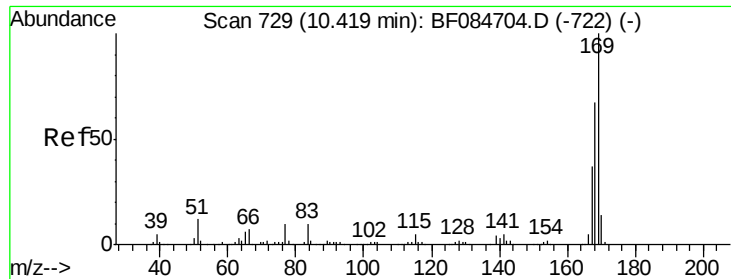
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.85 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		167762		
51	78.8		18.9	58.9#	
105	62.8		26.4	66.4	





#65

n-Nitrosodiphenylamine

Concen: 37.25 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

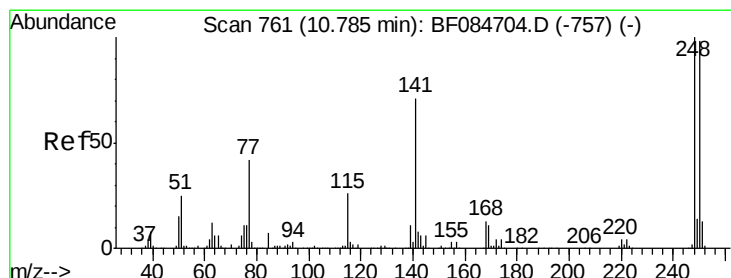
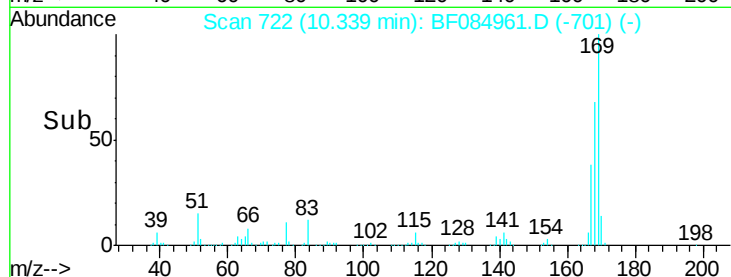
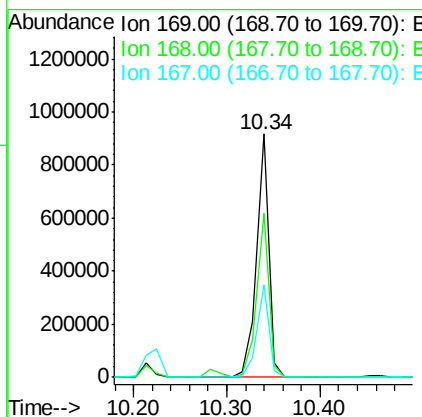
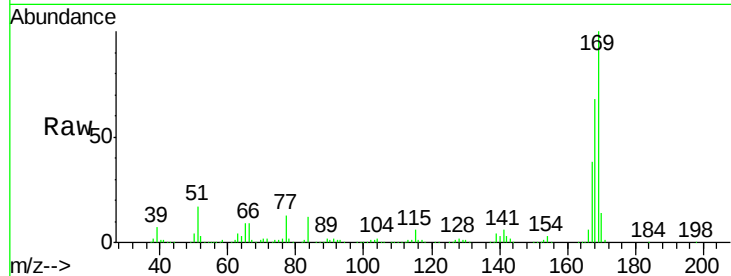
ClientSampleId :

SSTDCCC040EC

Tot Ion:	169	Resp:	827368
Ion Ratio	Lower	Upper	
169	100		
168	67.6	55.1	82.7
167	37.8	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 40.81 ng

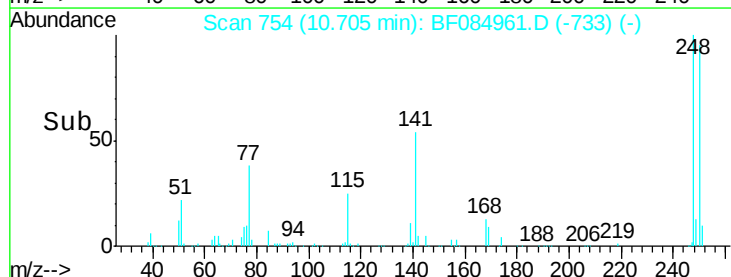
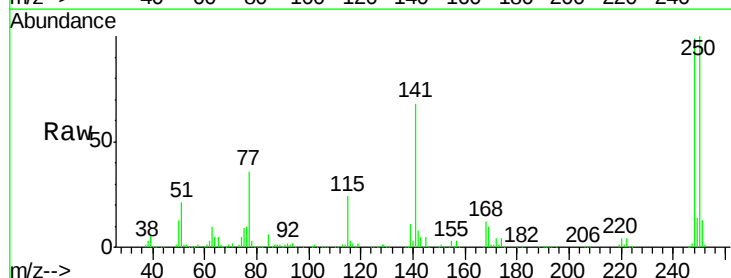
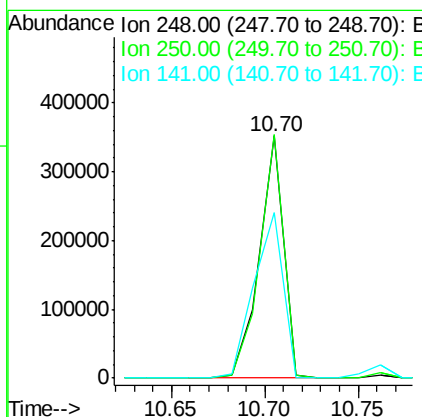
RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion:	248	Resp:	315301
Ion Ratio	Lower	Upper	
248	100		
250	100.7	78.4	117.6
141	68.7	44.0	66.0#





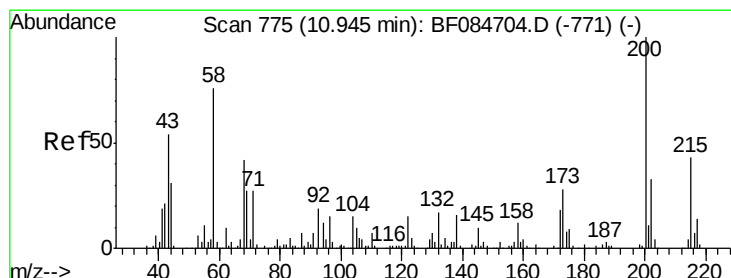
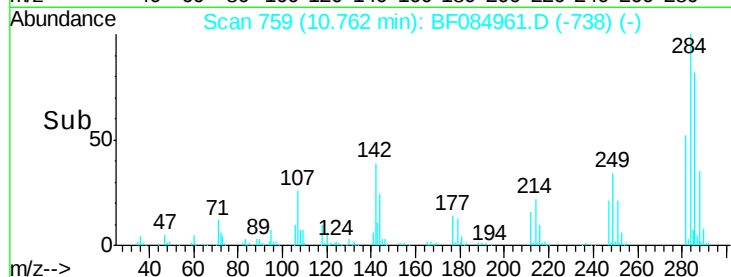
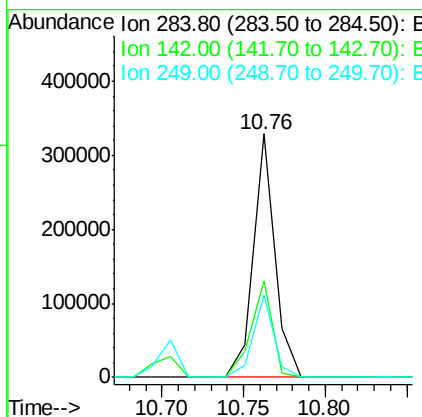
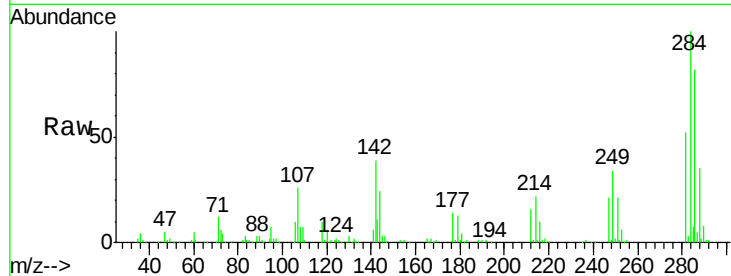
#67
Hexachlorobenzene
Concen: 35.83 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	301674		
142	39.5	22.2	33.4#	
249	33.7	24.6	37.0	

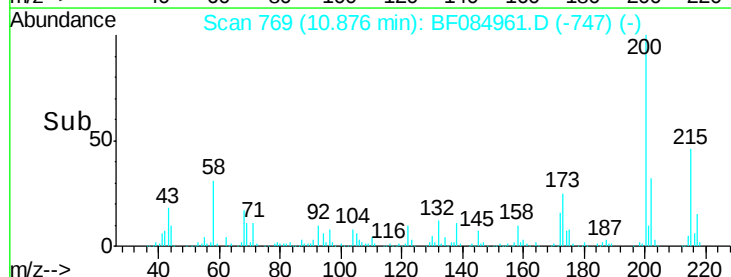
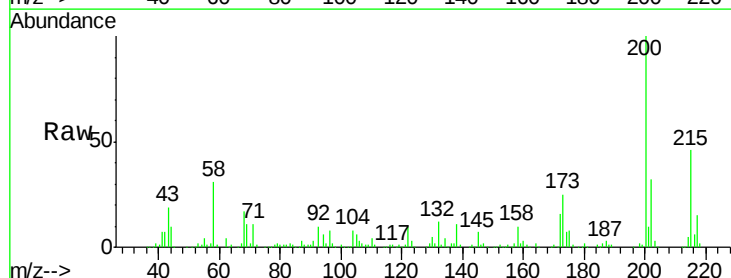
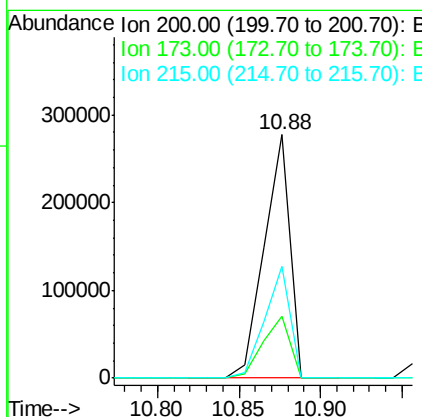
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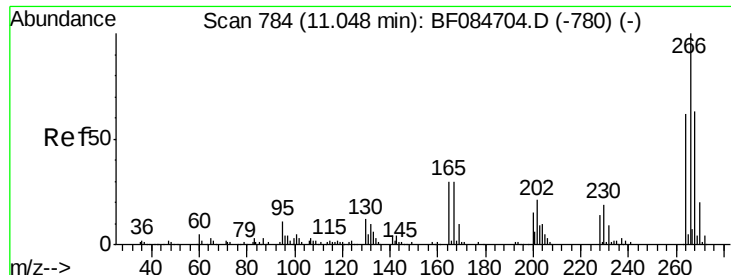
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#68
Atrazine
Concen: 43.24 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	303331		
173	25.4	9.5	49.5	
215	45.8	23.8	63.8	





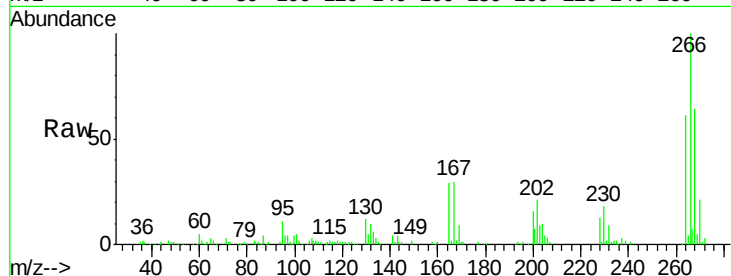
#69
 Pentachlorophenol
 Concen: 32.21 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

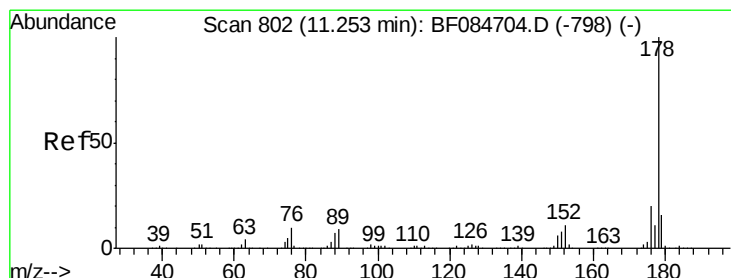
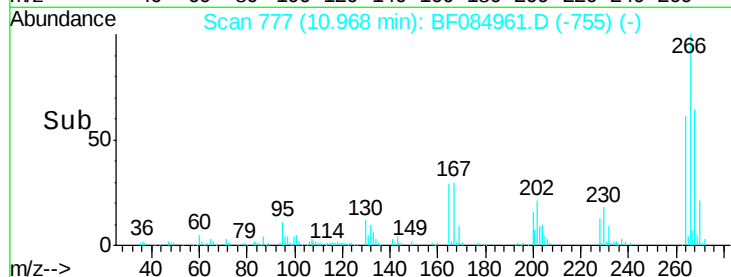
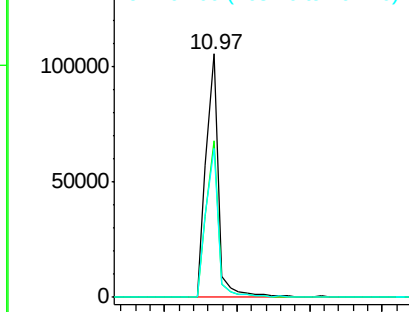
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.4	78.6
264	60.9	50.2	75.2

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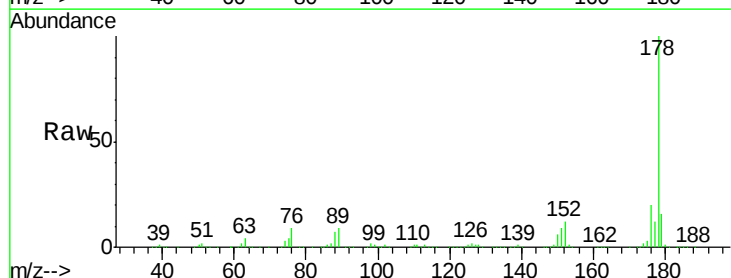


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

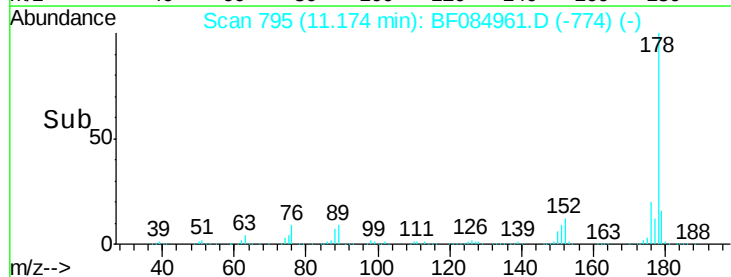
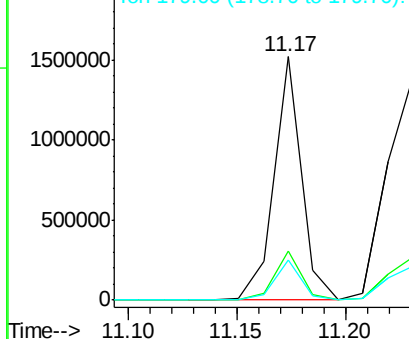


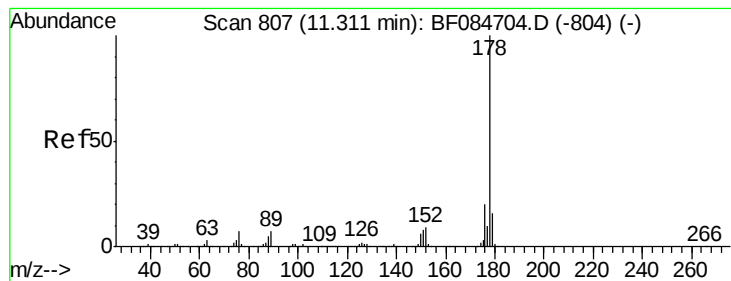
#70
 Phenanthrene
 Concen: 34.66 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.3	12.0	18.0



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





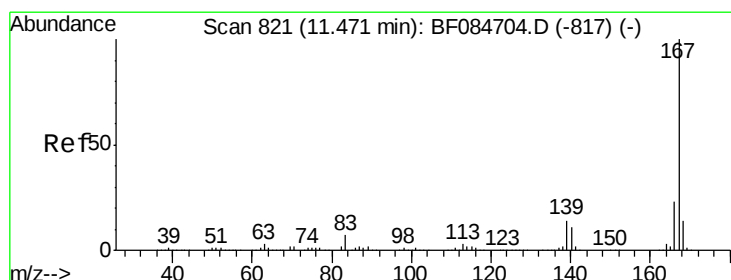
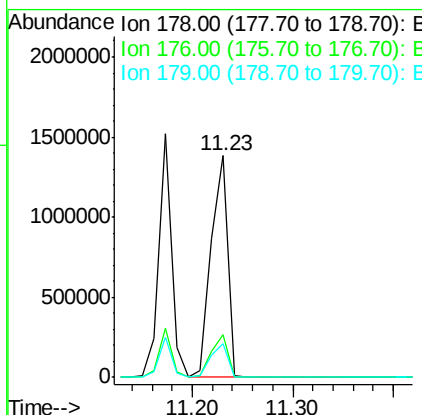
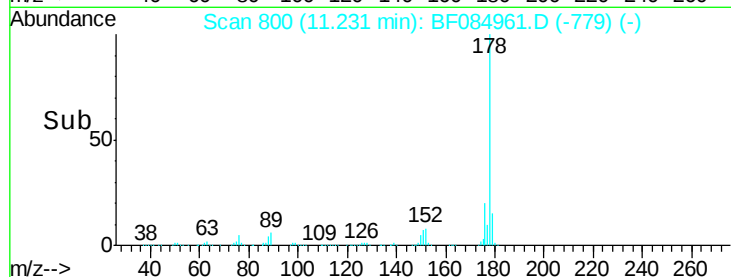
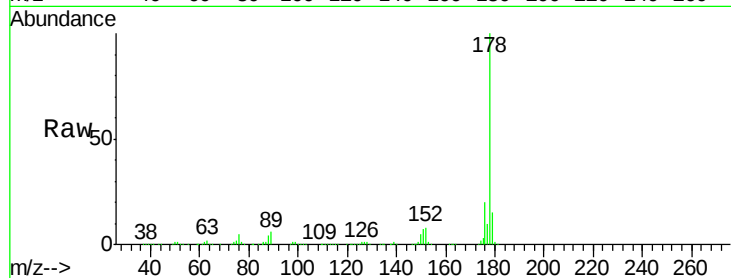
#71
 Anthracene
 Concen: 40.45 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1581539
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 15.5 12.5 18.7

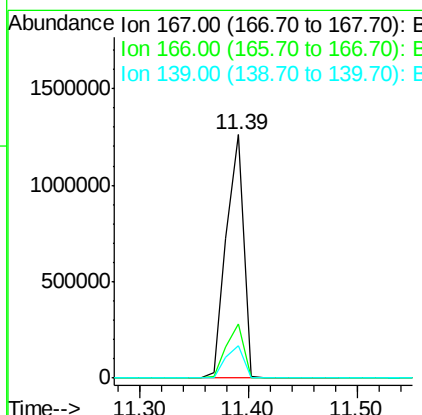
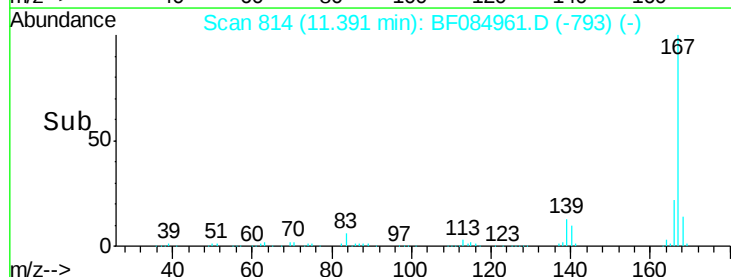
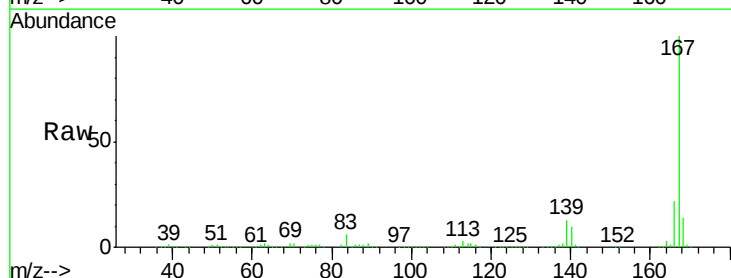
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#72
 Carbazole
 Concen: 40.94 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion:167 Resp: 1395652
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 35.27 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1530831

Ion Ratio Lower Upper

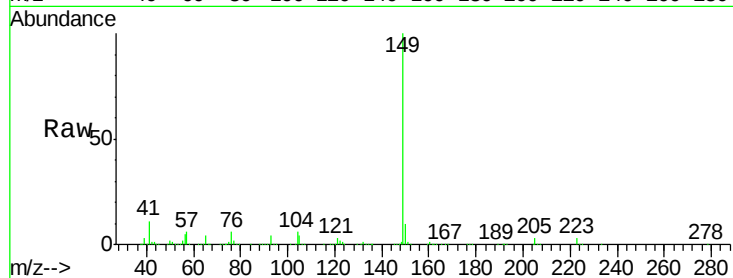
149 100

150 10.0 7.1 10.7

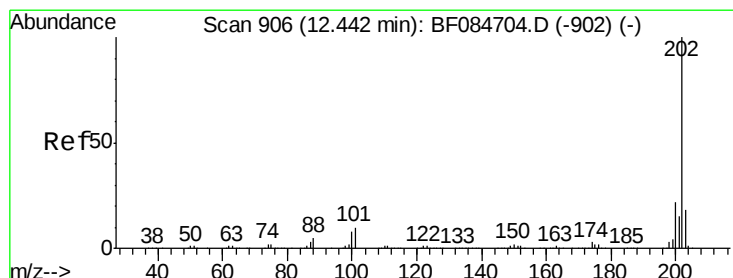
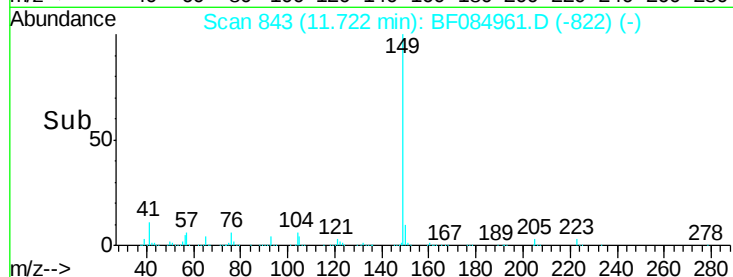
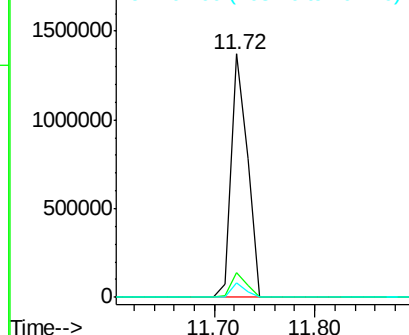
104 6.0 3.2 4.8#

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



#74

Fluoranthene

Concen: 37.54 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.07 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

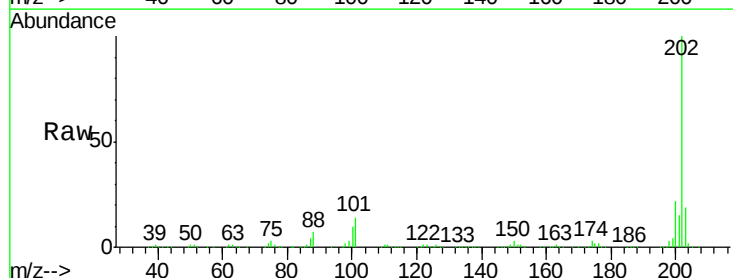
Tgt Ion:202 Resp: 1474266

Ion Ratio Lower Upper

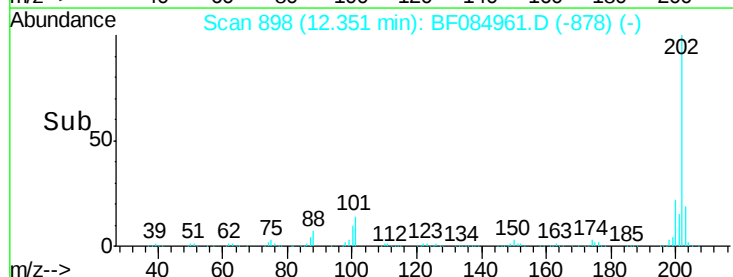
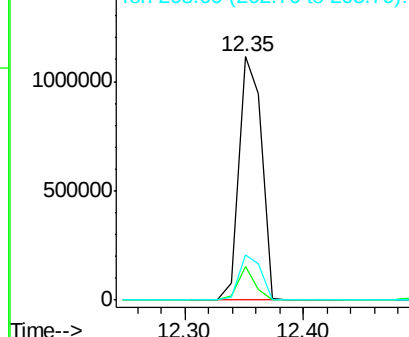
202 100

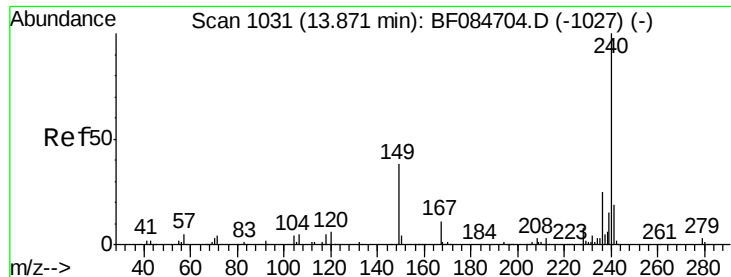
101 13.7 0.0 32.8

203 18.5 0.0 37.9



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: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

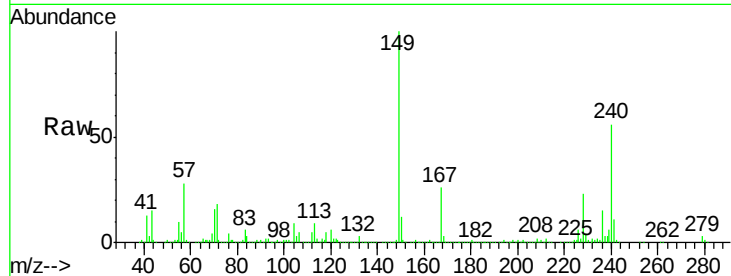
ClientSampleId :

SSTDCCC040EC

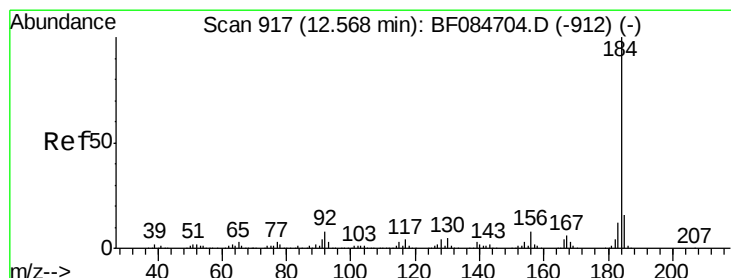
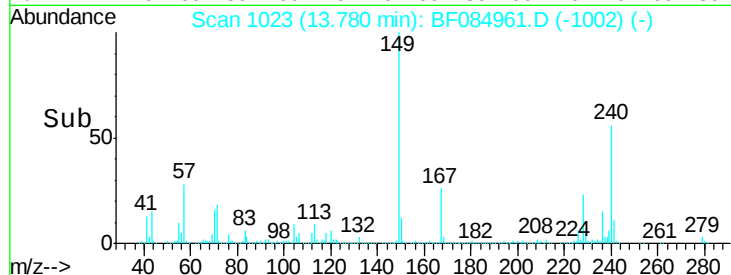
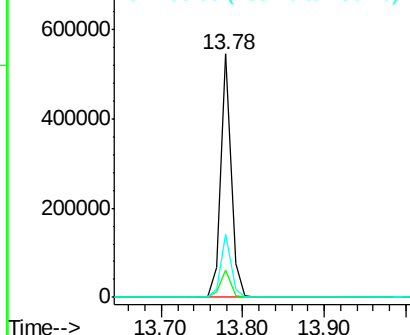
Tot Ion:	240	Resp:	479328
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.2	20.6	31.0

Manual Integrations
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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: 43.14 ng

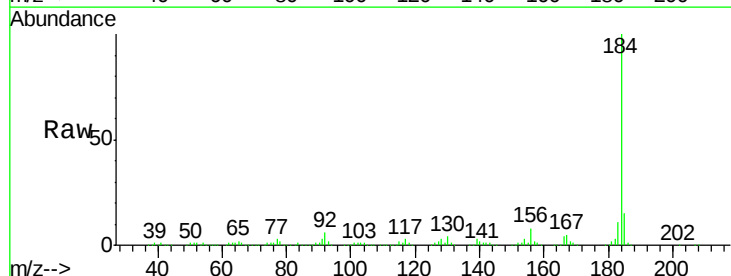
RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

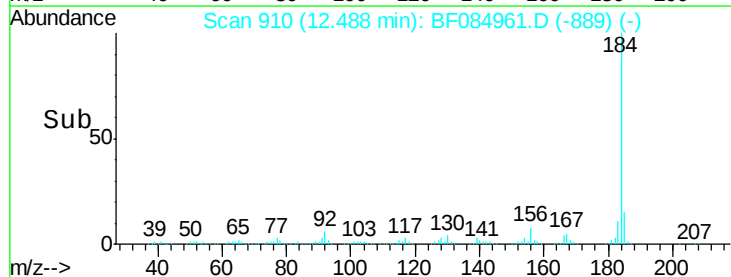
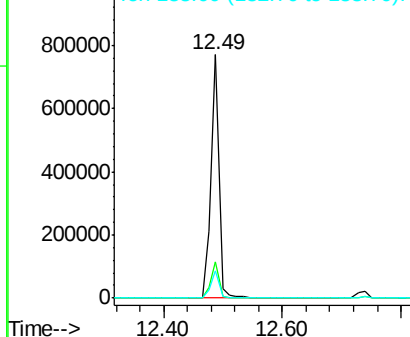
Lab File: BF084961.D

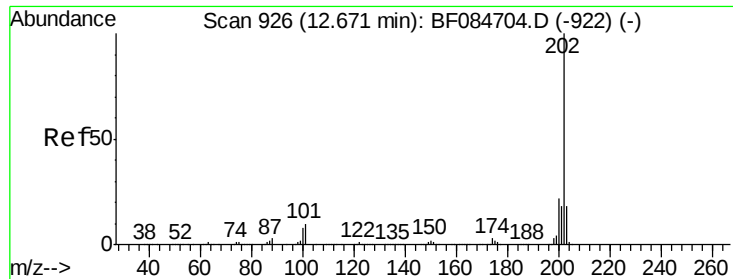
Acq: 9 Feb 2016 19:30

Tgt Ion:	184	Resp:	719912
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	11.4	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





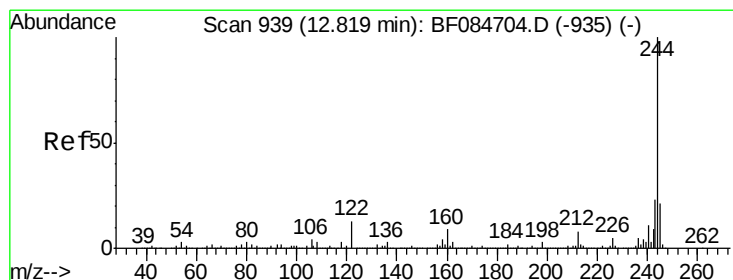
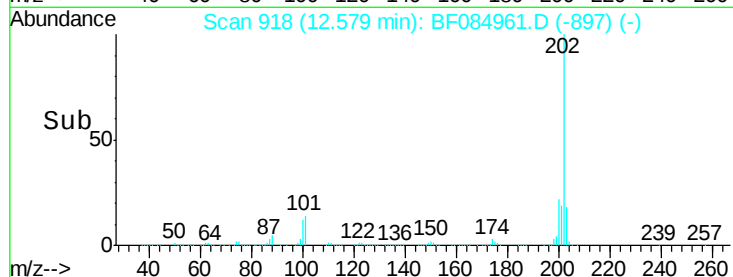
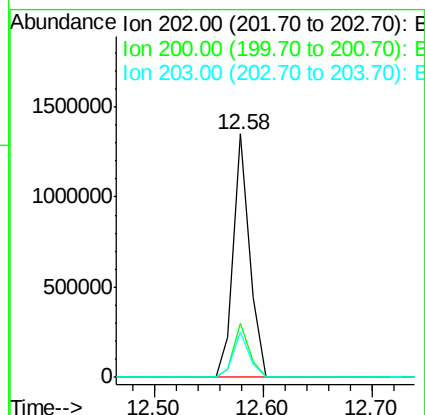
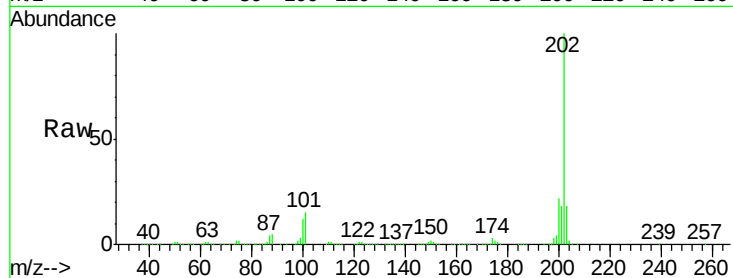
#77
Pvrene
Concen: 37.84 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	18.3	14.3	21.5

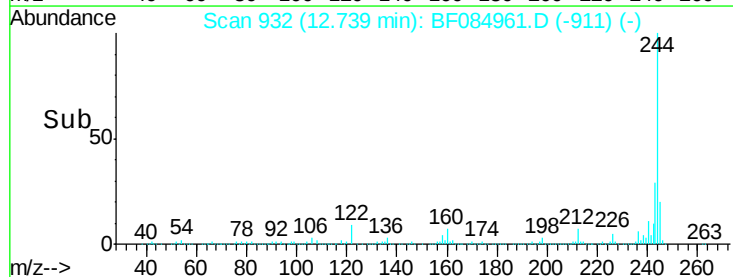
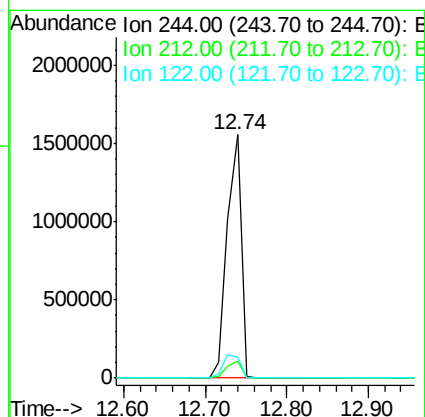
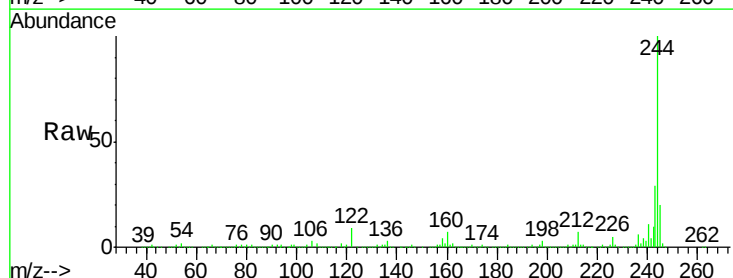
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#78
Terphenyl-d14
Concen: 87.48 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.8	7.4	11.0





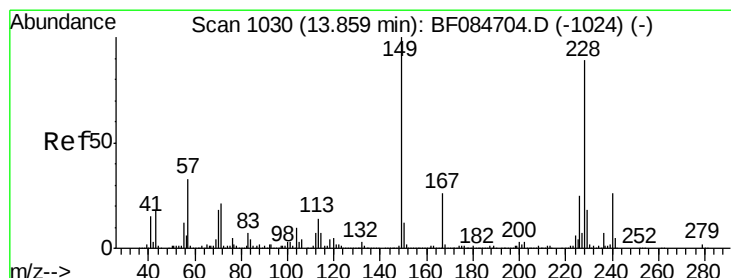
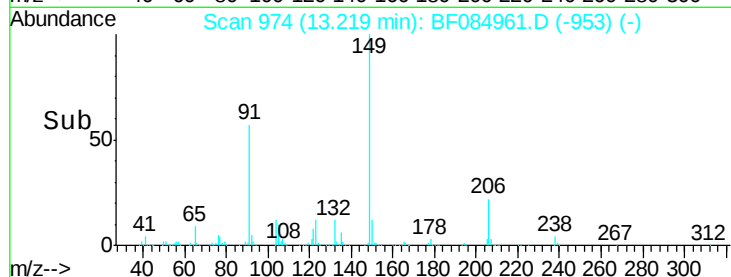
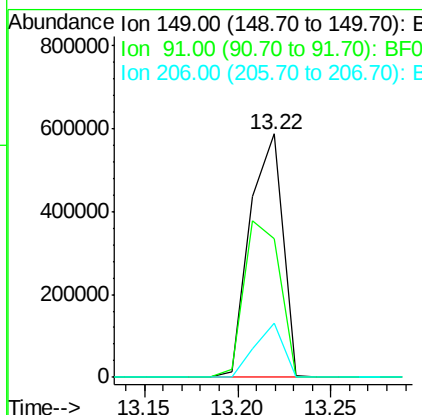
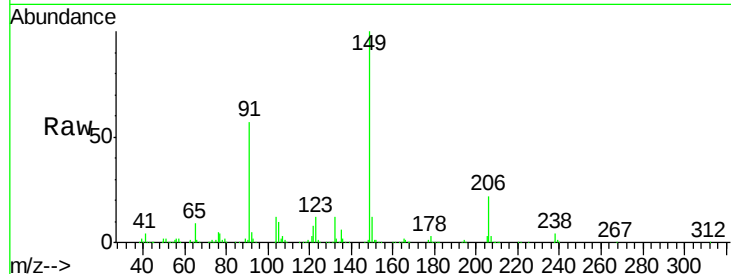
#79
Butylbenzylphthalate
Concen: 43.00 ng
RT: 13.22 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.0	57.6	86.4#
206	22.4	13.2	19.8#

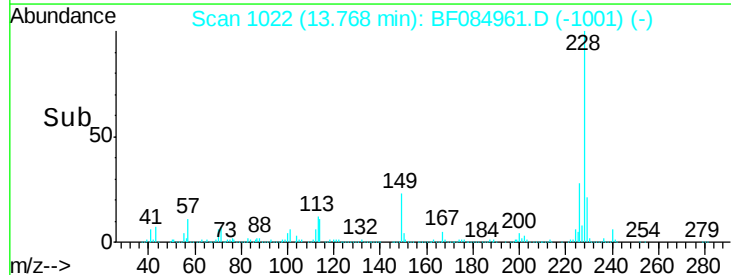
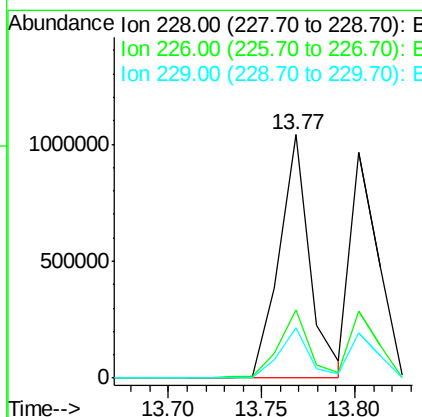
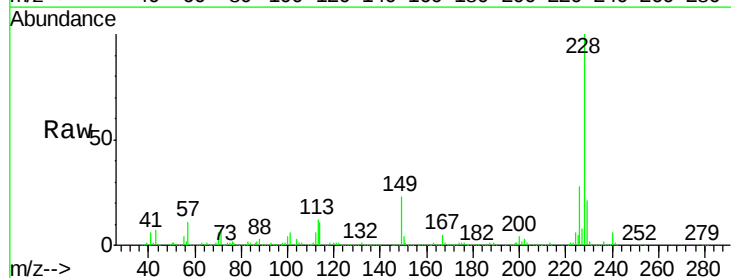
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 40.04 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.9	15.8	23.8





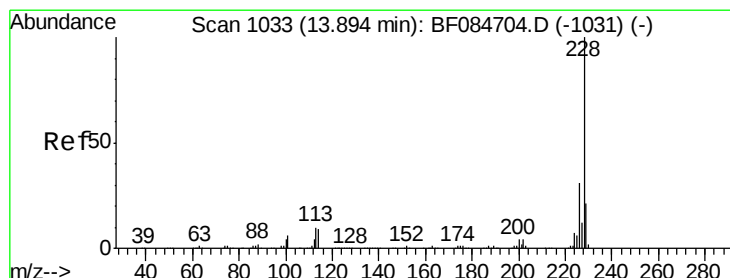
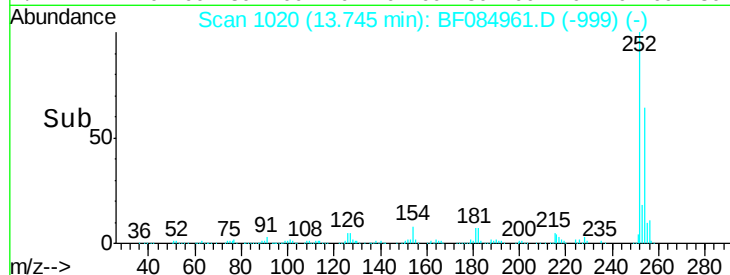
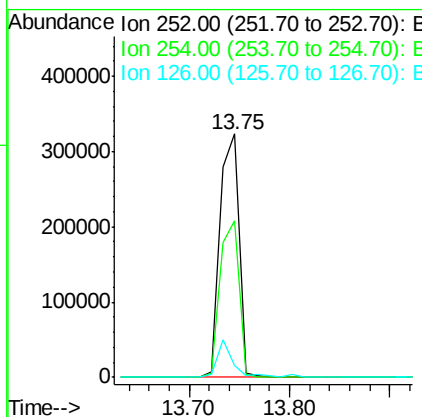
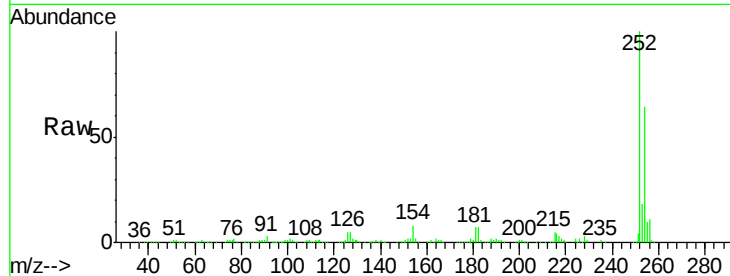
#81
 3,3'-Dichlorobenzidine
 Concen: 40.44 ng
 RT: 13.75 min Scan# 1020
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	53.5	80.3
126	4.9	4.9	7.3

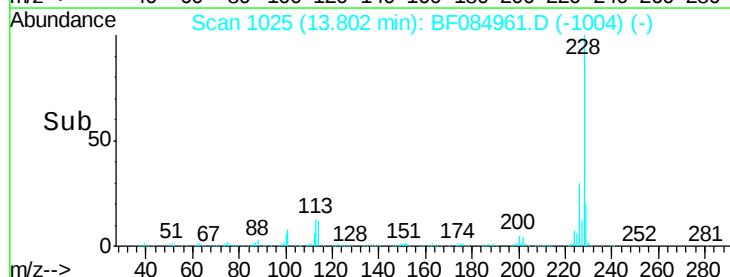
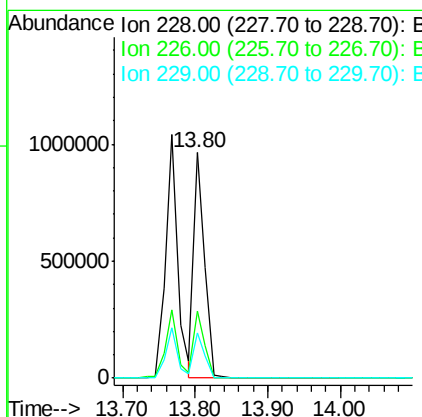
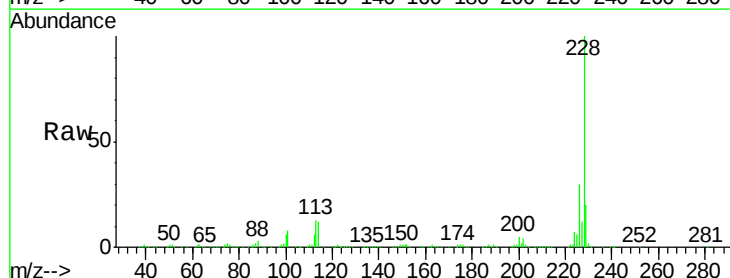
Manual Integrations
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#82
 Chrysene
 Concen: 34.96 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084961.D
 Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.3	36.5
229	20.0	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.21 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 874599

Ion Ratio Lower Upper

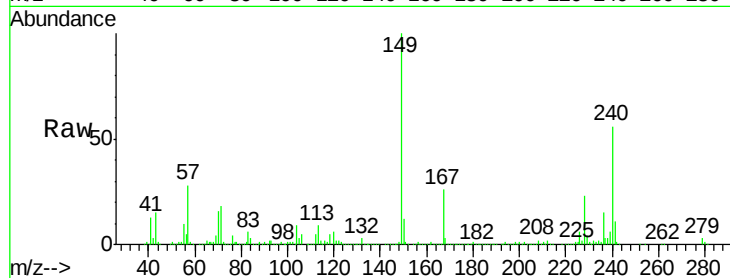
149 100

167 26.1 19.7 29.5

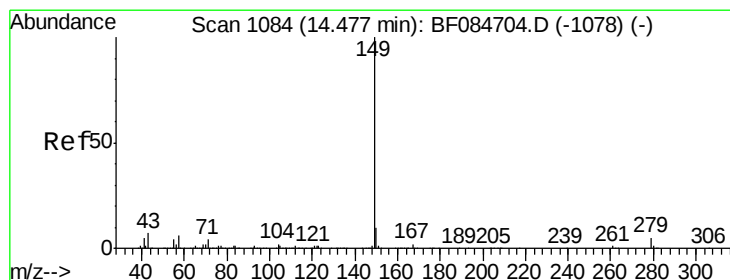
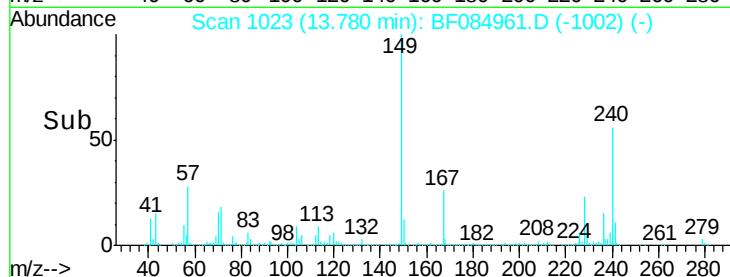
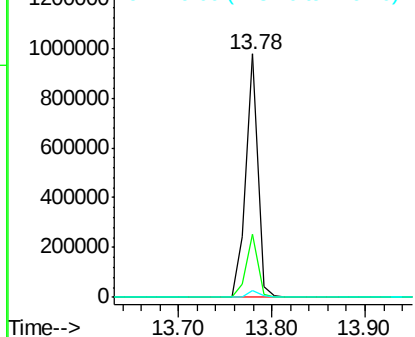
279 2.8 1.8 2.6#

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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: 37.22 ng

RT: 14.39 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

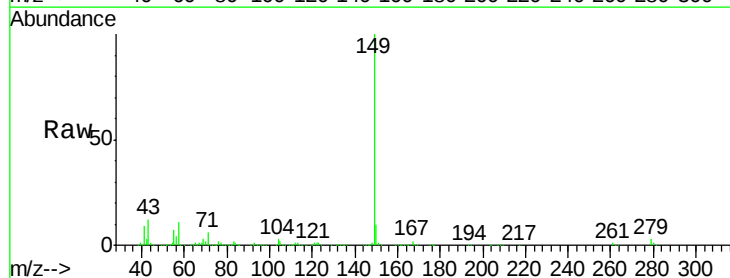
Tgt Ion:149 Resp: 1272176

Ion Ratio Lower Upper

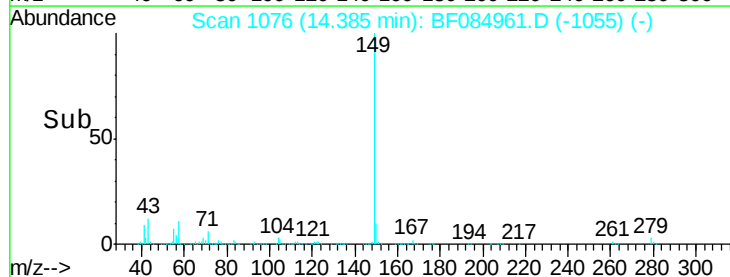
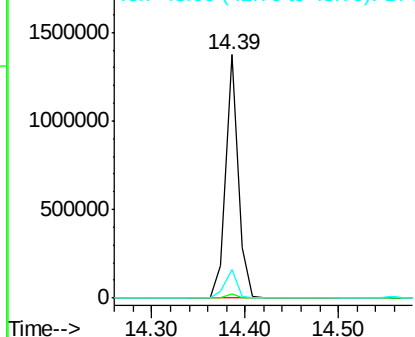
149 100

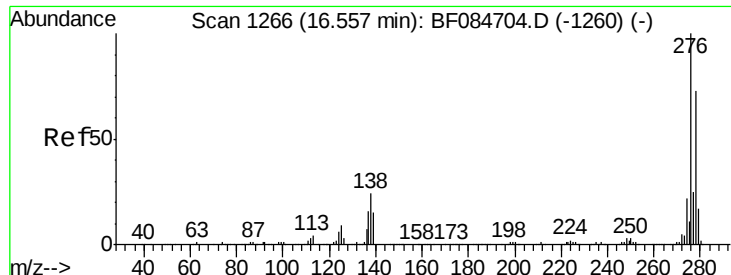
167 1.6 1.2 1.8

43 11.6 5.6 8.4#



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: 40.66 ng

RT: 16.40 min Scan# 1252

Delta R.T. -0.10 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

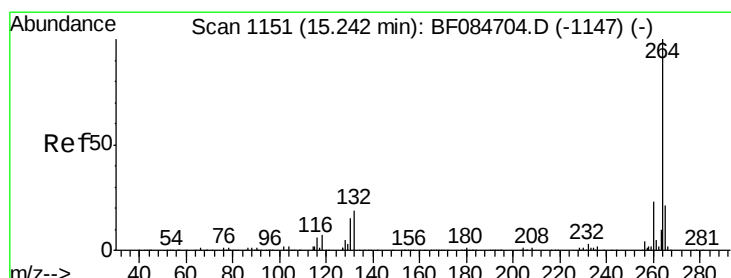
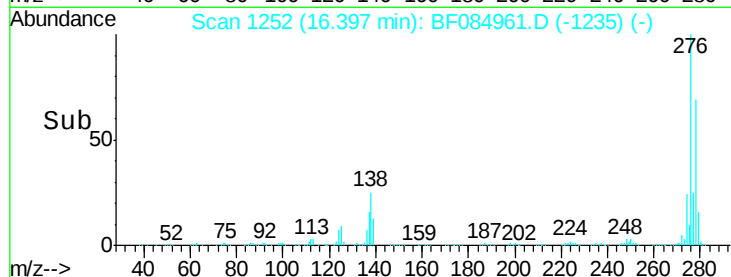
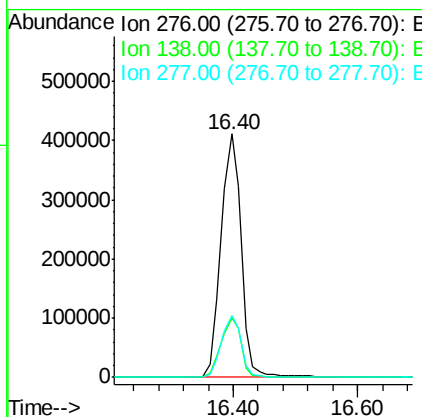
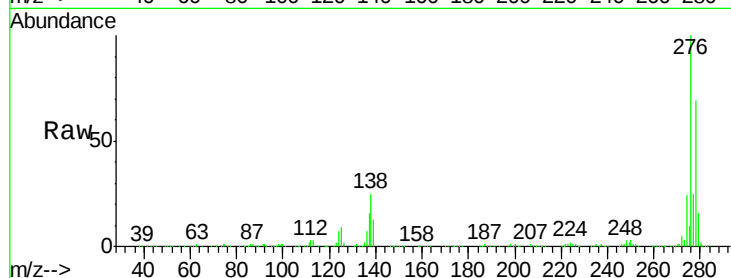
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.3	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

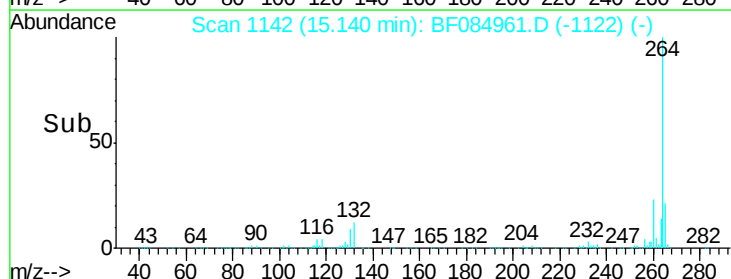
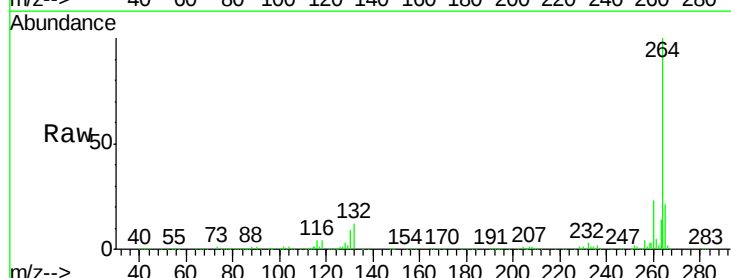
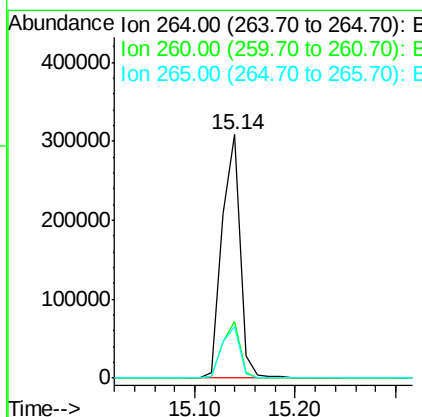
RT: 15.14 min Scan# 1142

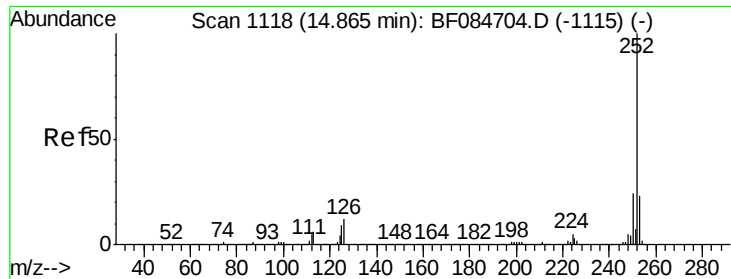
Delta R.T. -0.07 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.39 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1152049

Ion Ratio Lower Upper

252 100

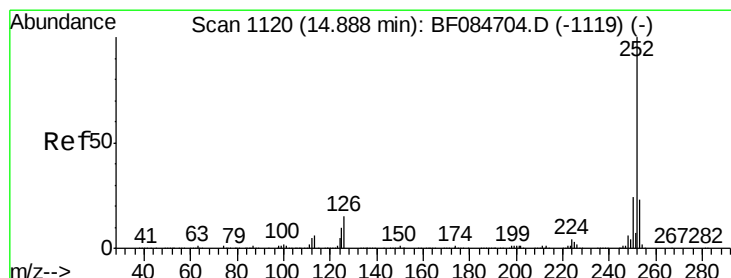
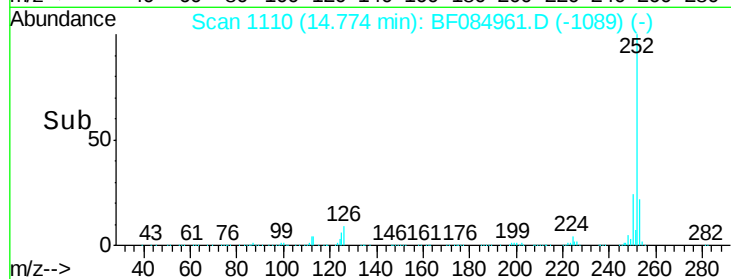
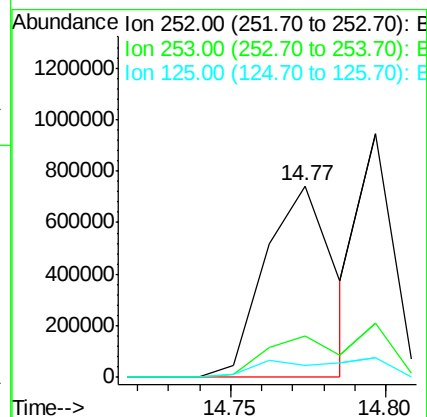
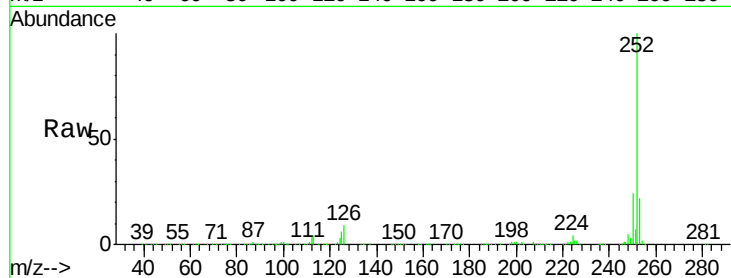
253 21.7 17.3 25.9

125 6.5 6.5 9.7#

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#88

Benzo(k)fluoranthene

Concen: 33.56 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

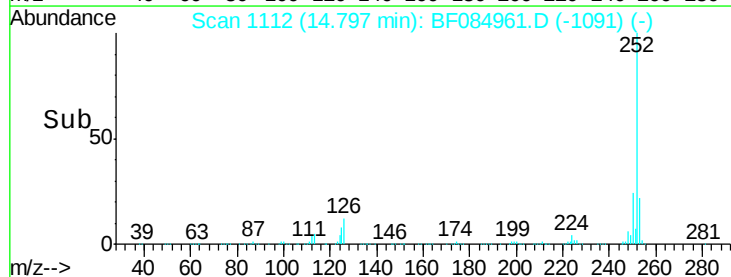
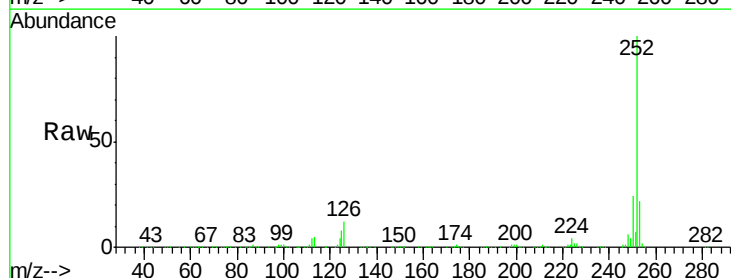
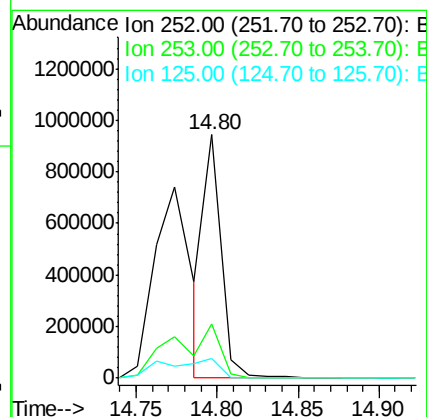
Tgt Ion:252 Resp: 720059

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 8.1 9.0 13.6#





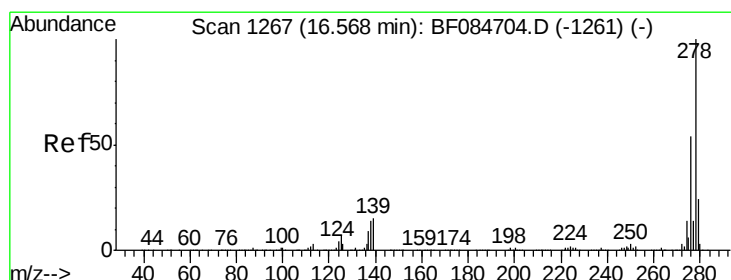
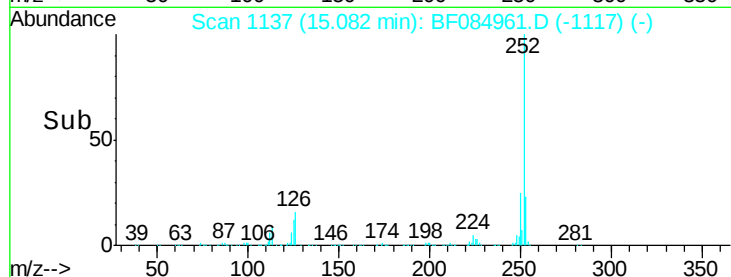
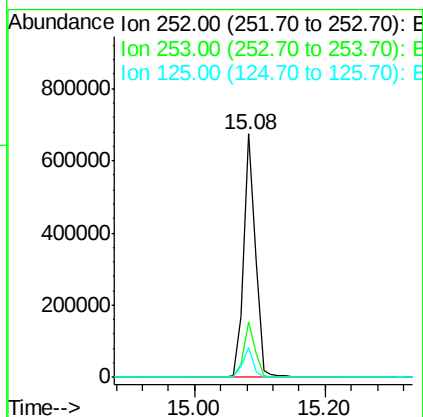
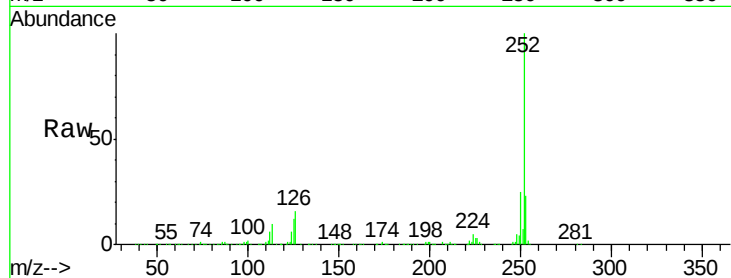
#89
Benzo(a)pyrene
Concen: 37.50 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	7.0	10.4

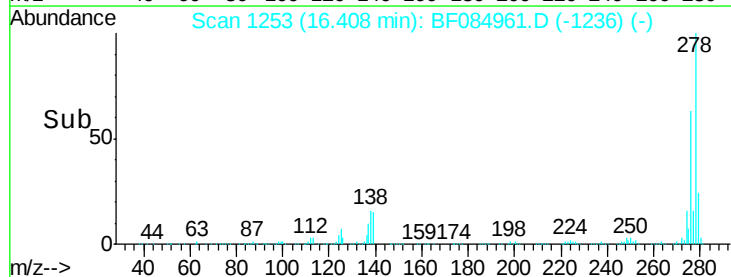
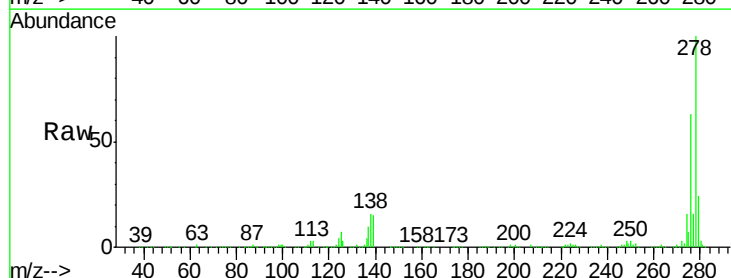
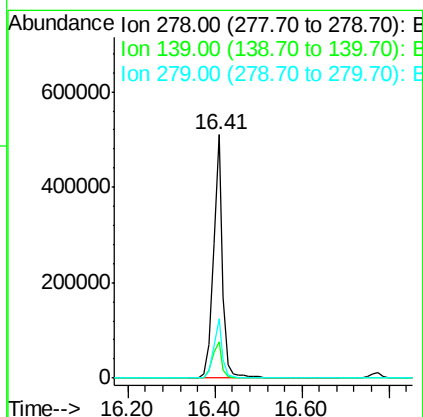
Manual Integrations
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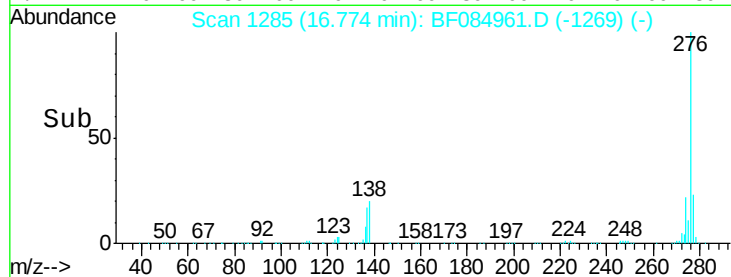
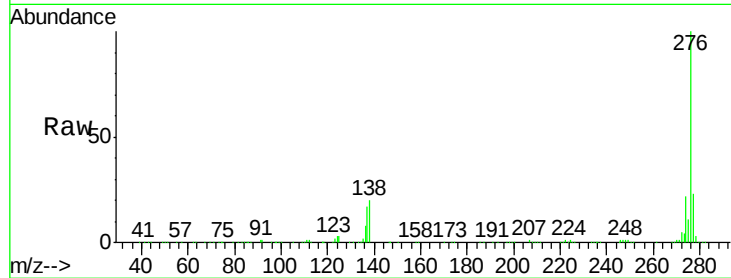
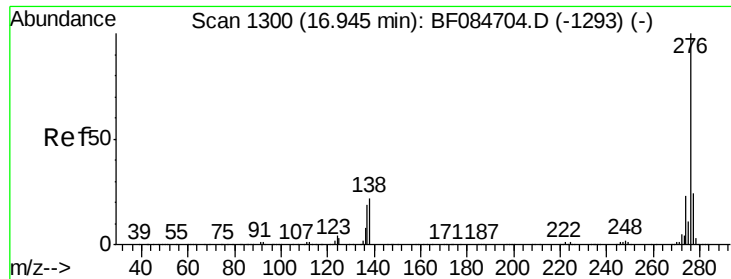
Sohil
2/10/2016 1:45:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.09 ng
RT: 16.41 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BF084961.D
Acq: 9 Feb 2016 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.0	22.4
279	24.1	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 42.82 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084961.D

Acq: 9 Feb 2016 19:30

Tot Ion:	276	Resp:	802921
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	19.6	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

Sohil
2/10/2016 1:45:06 PM

