

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084132.D
 Acq On : 25 Dec 2015 16:24
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Sohil
 12/28/2015 1:10:41 PM

Quant Time: Dec 26 03:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49125	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	192125	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92601	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	164022	20.00	ng	0.00
75) Chrysene-d12	13.96	240	108465	20.00	ng	0.00
86) Perylene-d12	15.38	264	98859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	229756	79.29	ng	0.00
7) Phenol-d6	6.45	99	262729	73.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	257835	78.55	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	73167	74.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	519089	76.70	ng	0.00
78) Terphenyl-d14	12.90	244	473050	78.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	47100	39.66	ng	98
3) Pyridine	3.05	79	129079	44.50	ng	95
4) n-Nitrosodimethylamine	3.00	42	48481	37.94	ng	98
6) Aniline	6.46	93	185179	40.86	ng	# 73
8) 2-Chlorophenol	6.59	128	144542	40.17	ng	93
9) Benzaldehyde	6.35	77	72623	37.87	ng	86
10) Phenol	6.46	94	153486	37.43	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	113662	38.44	ng	97
12) 1,3-Dichlorobenzene	6.74	146	153533	39.08	ng	97
13) 1,4-Dichlorobenzene	6.82	146	154714m	39.14	ng	
14) 1,2-Dichlorobenzene	6.97	146	141004	38.71	ng	98
15) Benzyl Alcohol	6.96	79	104128	38.35	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	110780	38.35	ng	56
17) 2-Methylphenol	7.07	107	105571	38.21	ng	# 92
18) Hexachloroethane	7.31	117	56624	39.25	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	83493	37.81	ng	# 87
20) 3+4-Methylphenols	7.23	107	137590	39.04	ng	# 49
22) Acetophenone	7.22	105	192978	40.20	ng	# 87
24) Nitrobenzene	7.39	77	140841	40.41	ng	# 88
25) Isophorone	7.63	82	244679	40.30	ng	# 94
26) 2-Nitrophenol	7.71	139	71804	40.26	ng	92
27) 2,4-Dimethylphenol	7.76	122	125769	42.49	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	132243	37.36	ng	98
29) 2,4-Dichlorophenol	7.95	162	108473	39.45	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	122362	40.61	ng	98
31) Naphthalene	8.11	128	410985	40.21	ng	98
32) Benzoic acid	7.89	122	48098	33.89	ng	95
33) 4-Chloroaniline	8.16	127	154521	37.99	ng	98
34) Hexachlorobutadiene	8.22	225	65577	38.16	ng	96
35) Caprolactam	8.53	113	33787	44.31	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	128890	41.69	ng	100
37) 2-Methylnaphthalene	8.80	142	249808	39.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	119006	40.77	ng	97
40) Hexachlorocyclopentadiene	8.96	237	17843	31.41	ng	100

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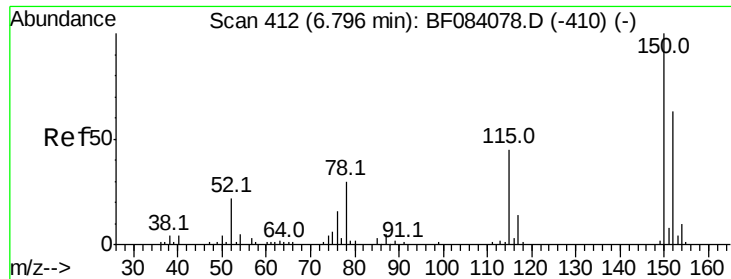
Manual Integrations
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 12/28/2015 1:10:41 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	72473	38.08	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	76897	40.36	nq #	81
45) 1,1'-Biphenyl	9.26	154	337840	40.38	nq	97
46) 2-Chloronaphthalene	9.29	162	258876	40.70	nq	95
47) 2-Nitroaniline	9.39	65	71597	42.37	nq #	61
48) Acenaphthylene	9.70	152	409279	39.18	nq	99
49) Dimethylphthalate	9.56	163	285186	37.19	nq #	90
50) 2,6-Dinitrotoluene	9.63	165	70294	43.18	nq	92
51) Acenaphthene	9.87	154	234212	38.56	nq	99
52) 3-Nitroaniline	9.80	138	73839	42.27	nq #	78
53) 2,4-Dinitrophenol	9.92	184	14994	34.28	nq	94
54) Dibenzofuran	10.04	168	320535	38.37	nq	93
55) 4-Nitrophenol	9.98	139	33218	37.25	nq	93
56) 2,4-Dinitrotoluene	10.03	165	78735	36.64	nq #	83
57) Fluorene	10.38	166	282947	39.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	54232	39.93	nq	98
59) Diethylphthalate	10.26	149	274144	35.19	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	115586	35.30	nq #	84
61) 4-Nitroaniline	10.41	138	64762	40.11	nq	90
62) Azobenzene	10.53	77	248230	38.67	nq	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	29956	32.90	nq	77
65) n-Nitrosodiphenylamine	10.50	169	248881	42.57	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	80034	42.12	nq #	82
67) Hexachlorobenzene	10.93	284	81037	38.95	nq #	80
68) Atrazine	11.02	200	66326	37.66	nq	98
69) Pentachlorophenol	11.14	266	21986	36.76	nq	98
70) Phenanthrene	11.34	178	388614	39.97	nq	99
71) Anthracene	11.40	178	378326	37.21	nq	99
72) Carbazole	11.55	167	328579	37.99	nq	99
73) Di-n-butylphthalate	11.88	149	434889	39.03	nq #	98
74) Fluoranthene	12.53	202	384768	36.13	nq	95
76) Benzidine	12.65	184	153184	41.55	nq	99
77) Pyrene	12.76	202	380675	40.68	nq	99
79) Butylbenzylphthalate	13.37	149	164061	42.35	nq	90
80) Benzo(a)anthracene	13.95	228	272728	40.88	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	95258	47.15	nq #	98
82) Chrysene	13.99	228	264348	42.97	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	214820	42.92	nq #	94
84) Di-n-octyl phthalate	14.55	149	321346	45.63	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	281637	45.71	nq	99
87) Benzo(b)fluoranthene	14.97	252	287009m	39.09	nq	
88) Benzo(k)fluoranthene	15.00	252	192721m	38.73	nq	
89) Benzo(a)pyrene	15.32	252	235322	38.91	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	232103	39.32	nq #	95
91) Benzo(g,h,i)perylene	17.19	276	234602	38.94	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:152 Resp: 49125

Ion Ratio Lower Upper

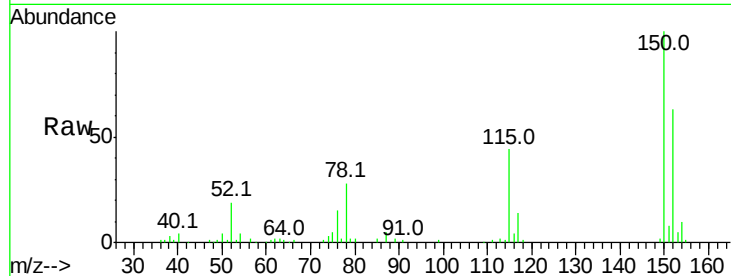
152 100

150 158.8 123.0 184.4

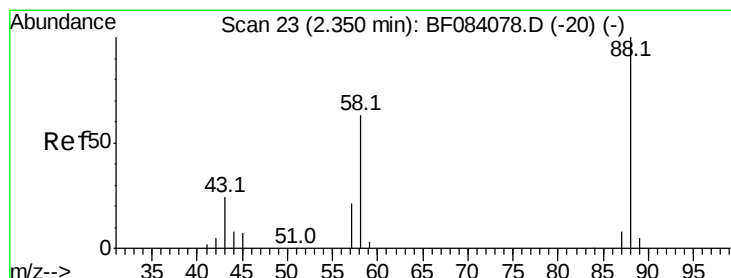
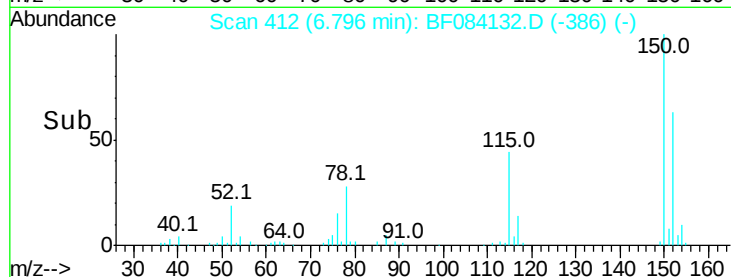
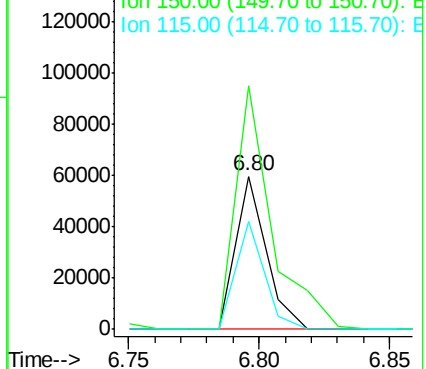
115 70.0 51.4 77.2

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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: 39.66 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

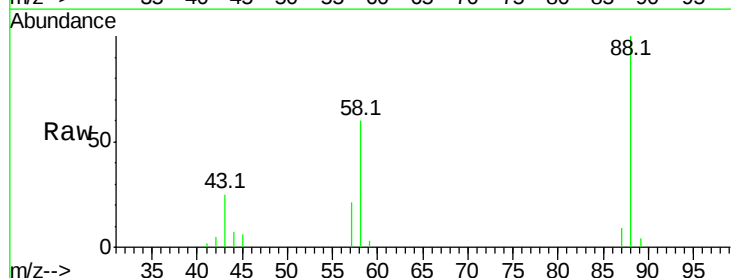
Tgt Ion: 88 Resp: 47100

Ion Ratio Lower Upper

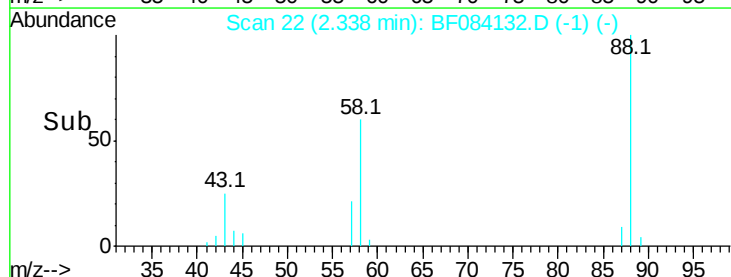
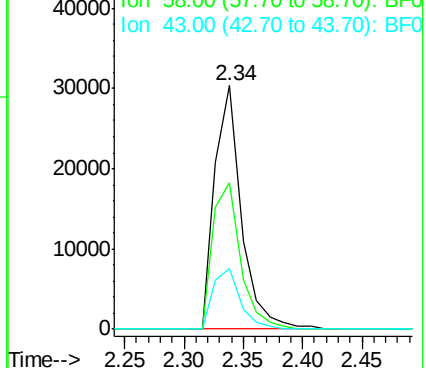
88 100

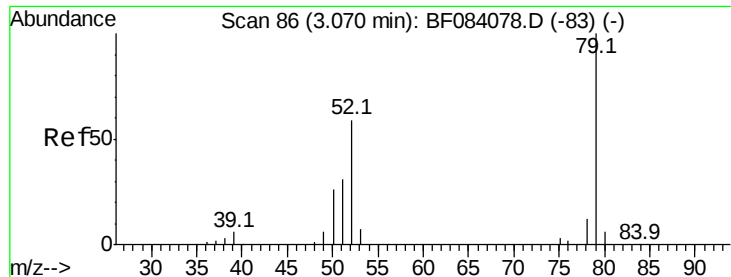
58 62.5 51.2 76.8

43 25.4 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: 44.50 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

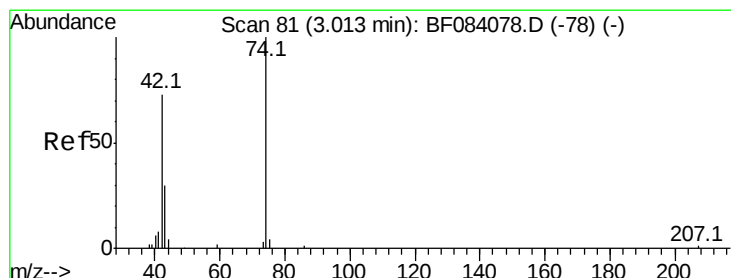
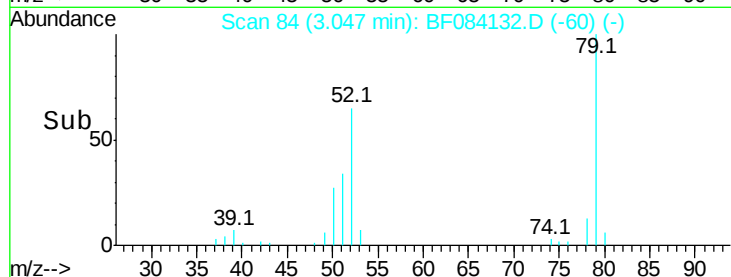
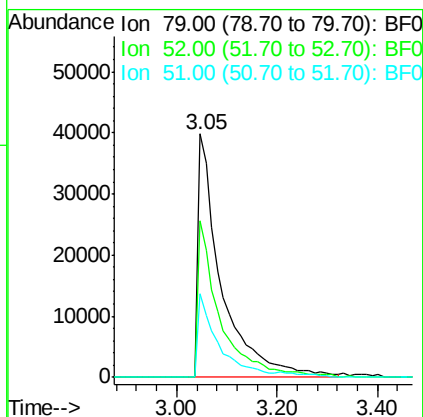
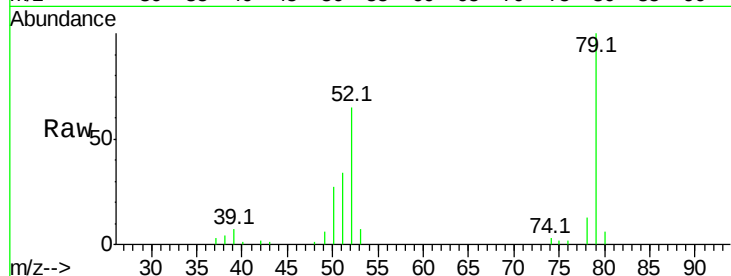
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	129079
Ion Ratio	Lower	Upper	
79	100		
52	64.6	49.0	73.4
51	34.2	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 37.94 ng

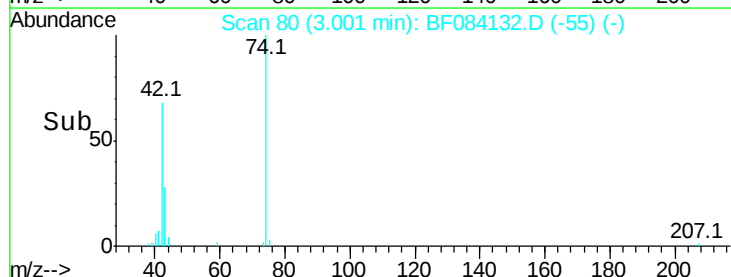
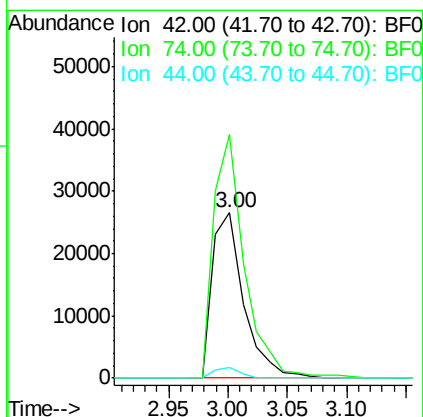
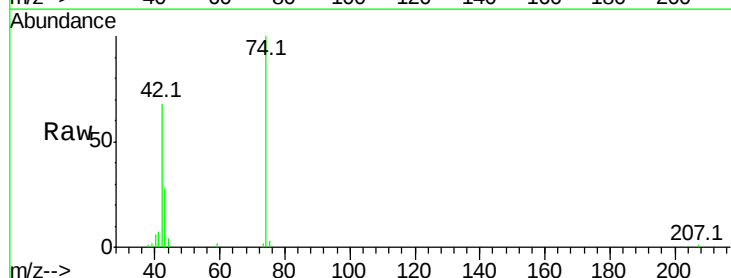
RT: 3.00 min Scan# 80

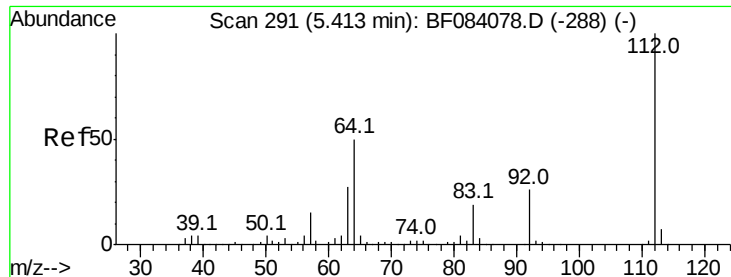
Delta R.T. -0.01 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	42	Resp:	48481
Ion Ratio	Lower	Upper	
42	100		
74	147.3	115.7	173.5
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 79.29 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

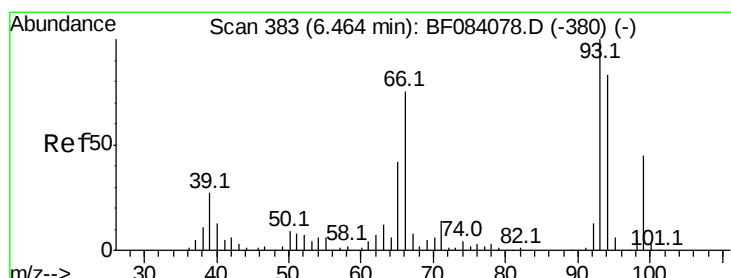
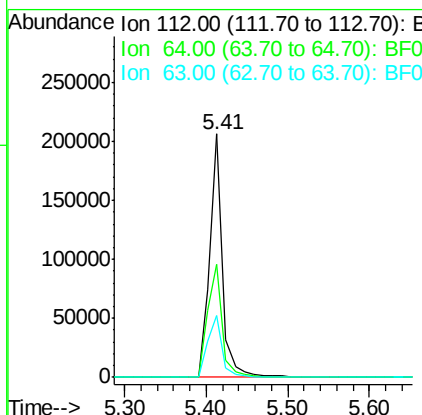
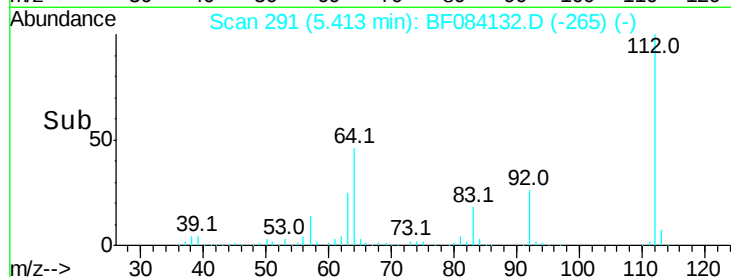
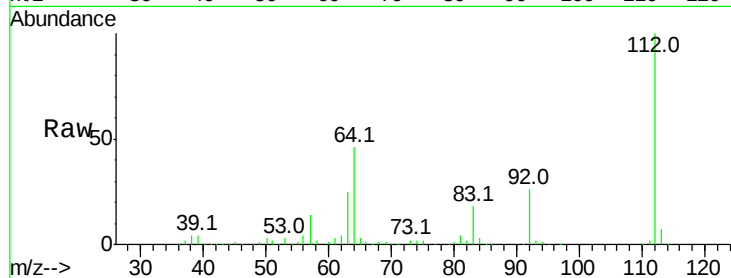
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	229756
Ion Ratio	Lower	Upper	
112	100		
64	46.5	36.6	55.0
63	25.2	19.4	29.0

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#6

Aniline

Concen: 40.86 ng

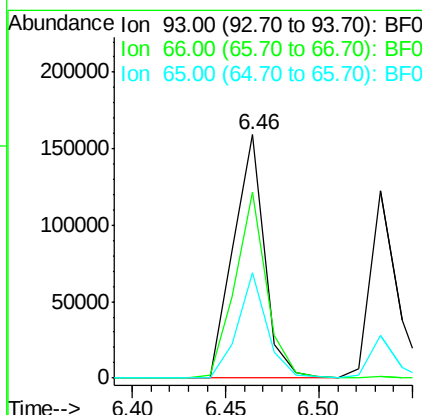
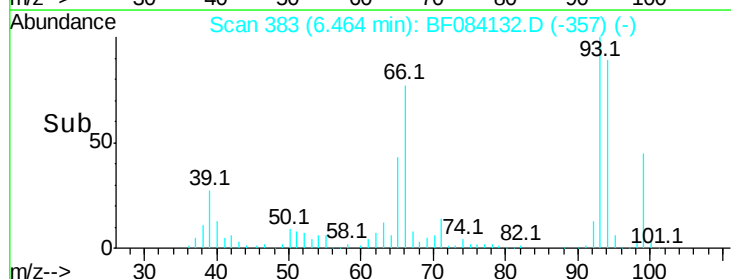
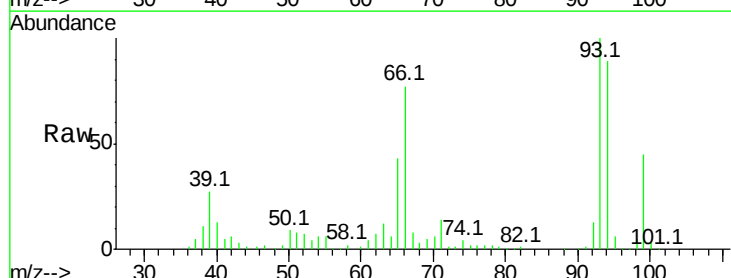
RT: 6.46 min Scan# 383

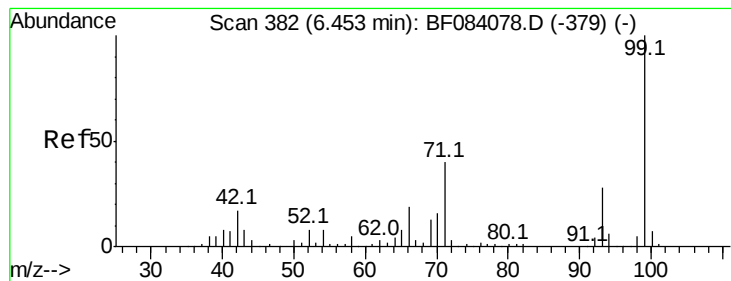
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	93	Resp:	185179
Ion Ratio	Lower	Upper	
93	100		
66	76.6	44.9	67.3#
65	43.1	23.7	35.5#





#7

Phenol-d6

Concen: 73.28 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

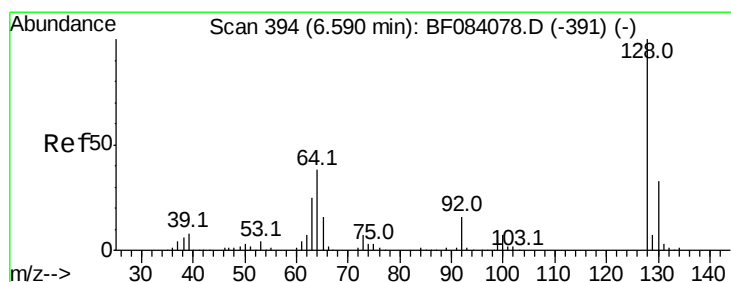
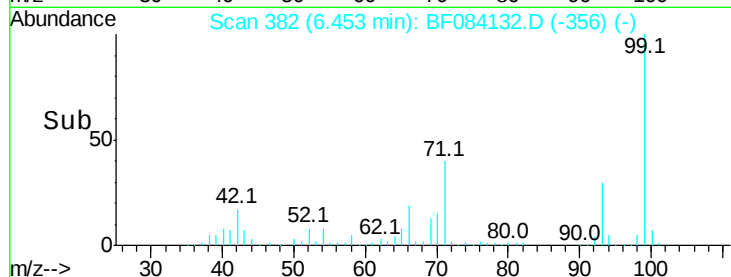
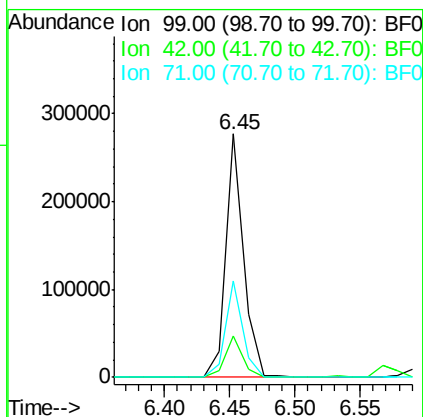
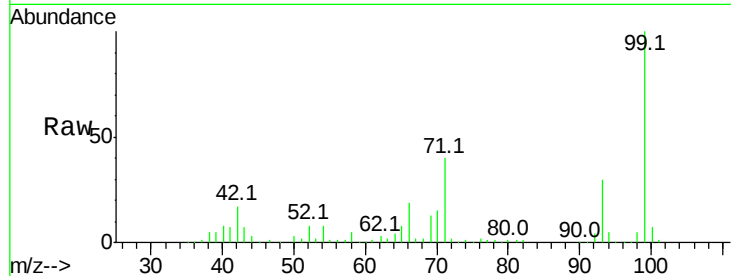
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	262729
Ion Ratio	Lower	Upper	
99	100		
42	16.8	12.8	19.2
71	39.7	30.9	46.3

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#8

2-Chlorophenol

Concen: 40.17 ng

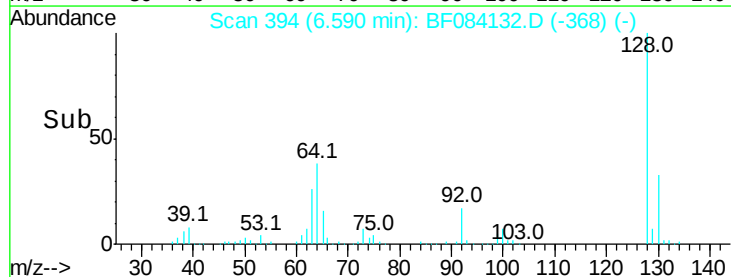
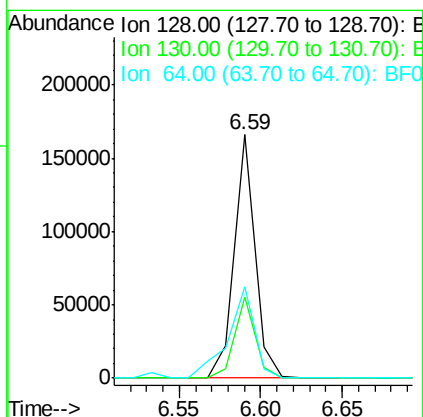
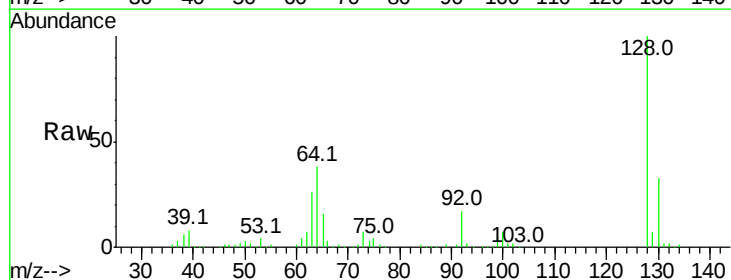
RT: 6.59 min Scan# 394

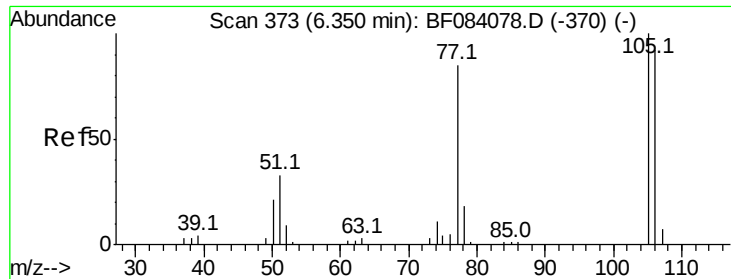
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	128	Resp:	144542
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.6	51.6
64	37.8	23.8	63.8





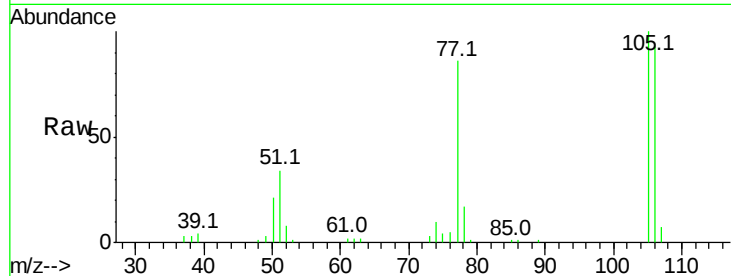
#9
Benzaldehyde
Concen: 37.87 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

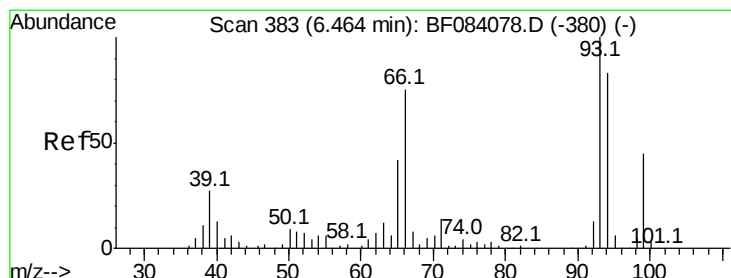
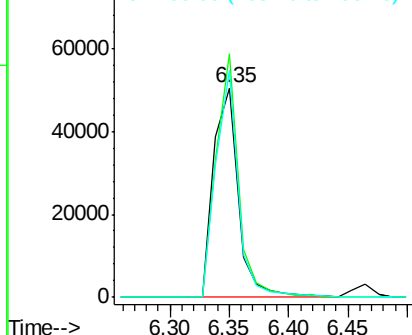
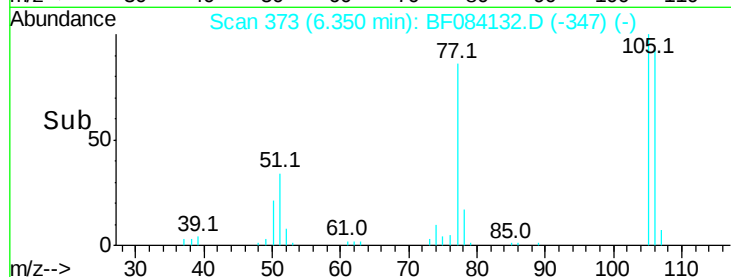
Tot Ion: 77 Resp: 72623
Ion Ratio Lower Upper
77 100
105 116.4 83.0 123.0
106 108.8 74.6 114.6

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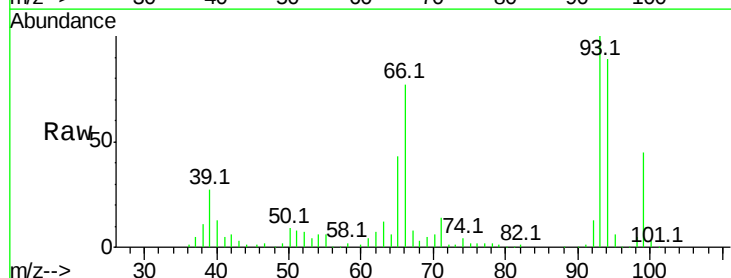


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

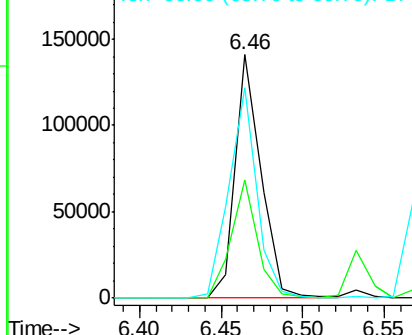
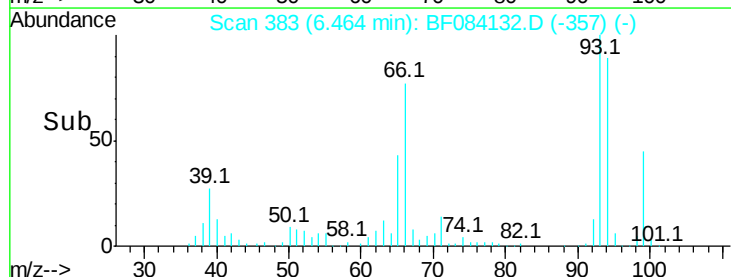


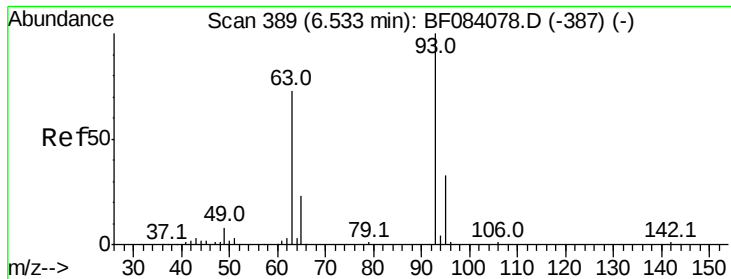
#10
Phenol
Concen: 37.43 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion: 94 Resp: 153486
Ion Ratio Lower Upper
94 100
65 48.6 12.9 52.9
66 86.4 32.7 72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.44 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

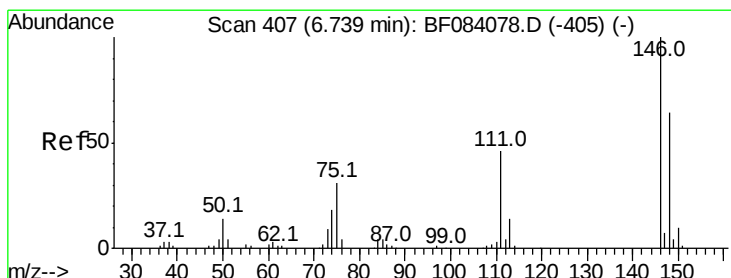
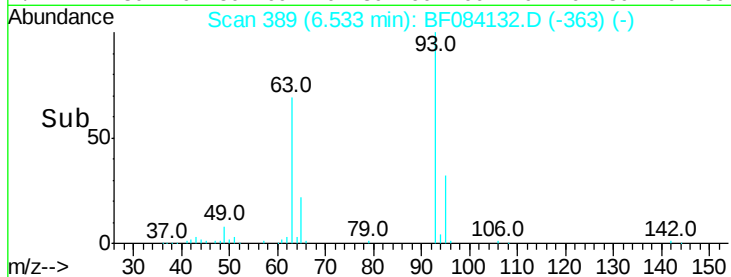
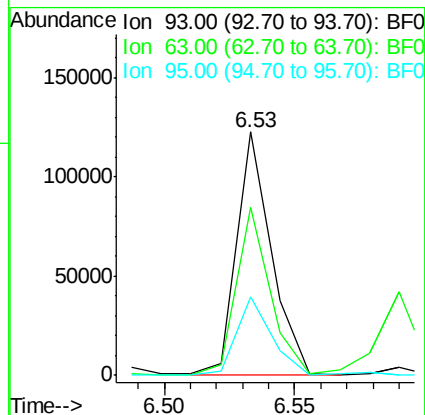
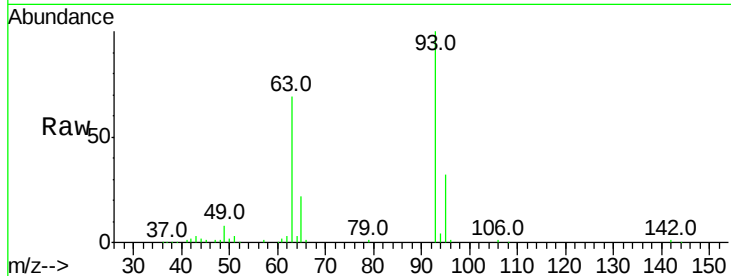
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	113662
Ion Ratio	Lower	Upper	
93	100		
63	69.1	45.9	85.9
95	32.0	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 39.08 ng

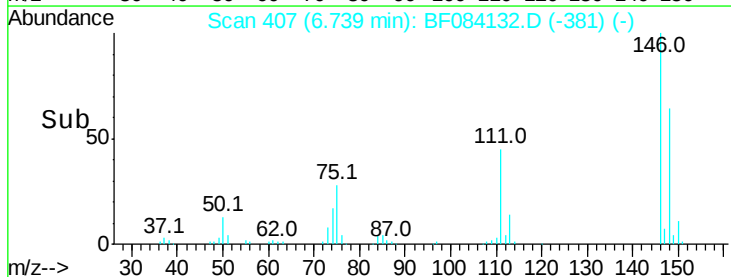
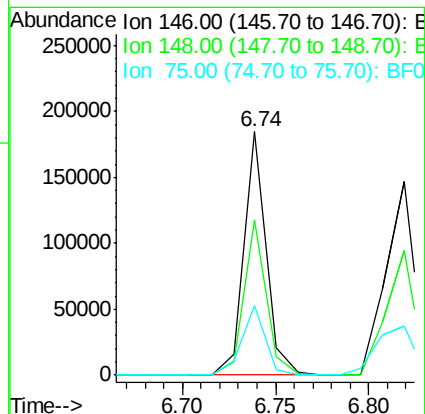
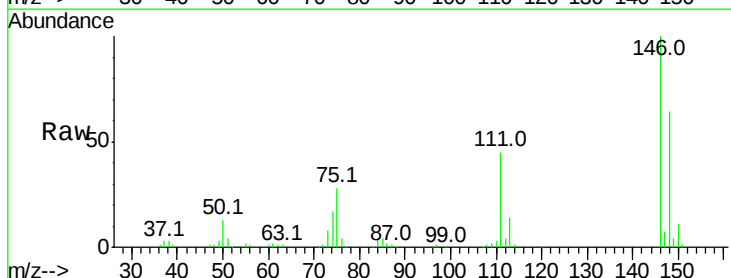
RT: 6.74 min Scan# 407

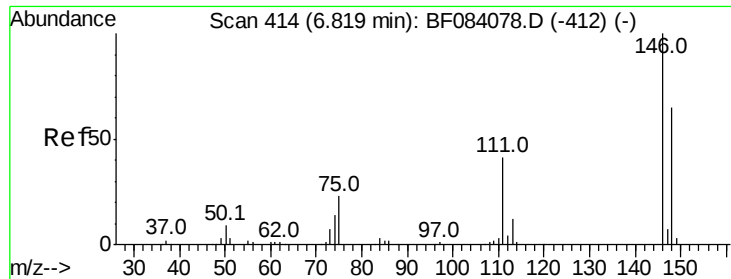
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	146	Resp:	153533
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
75	28.3	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 39.14 ng/mL

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084132.D

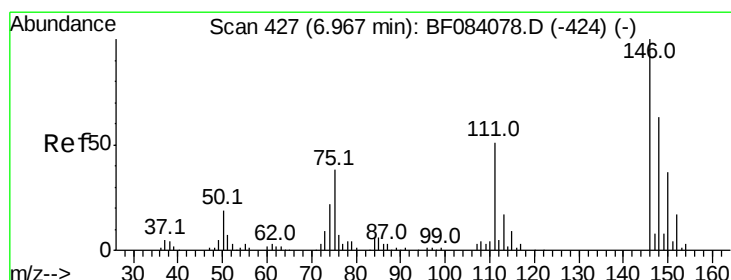
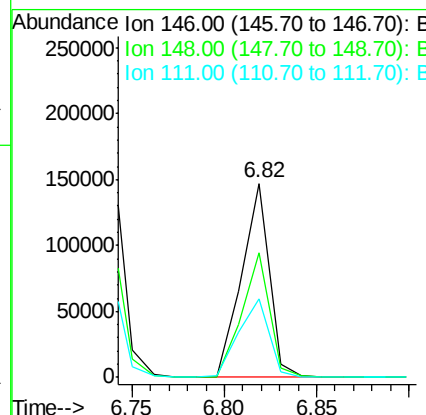
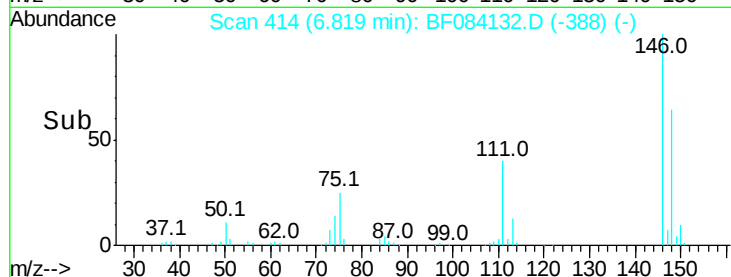
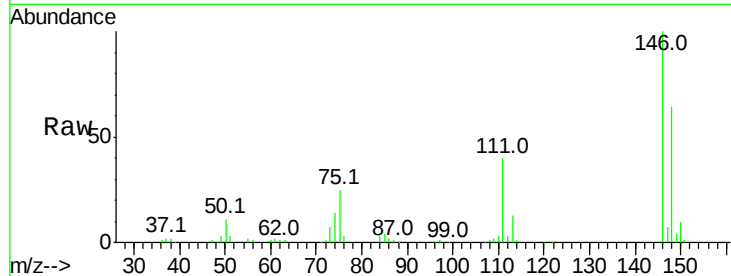
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	40.2	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.71 ng/mL

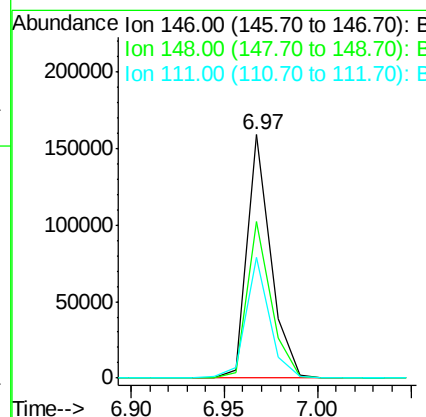
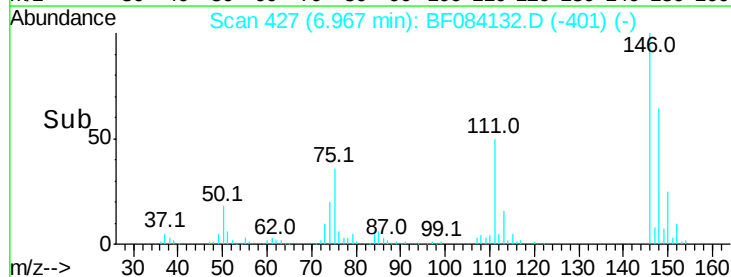
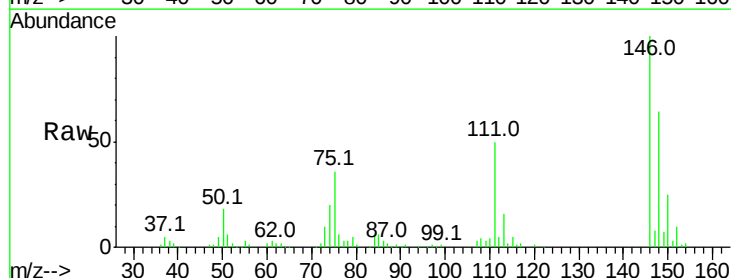
RT: 6.97 min Scan# 427

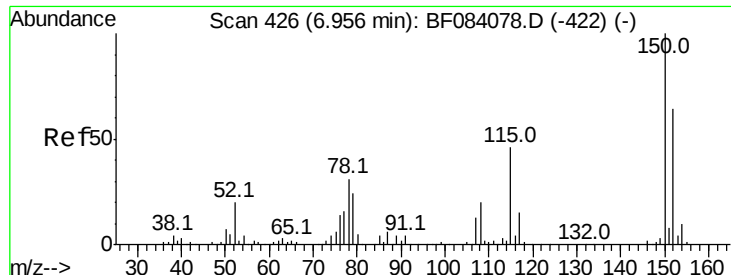
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	49.8	38.0	57.0





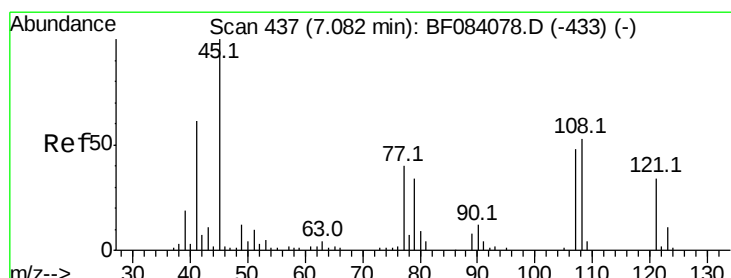
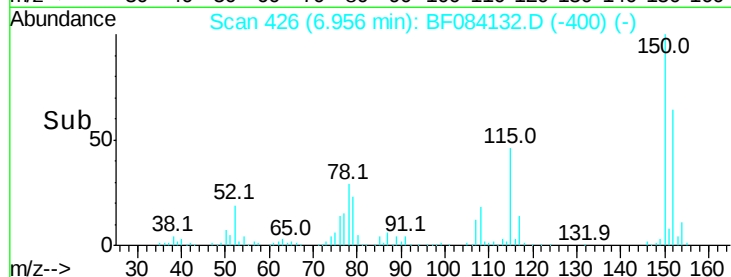
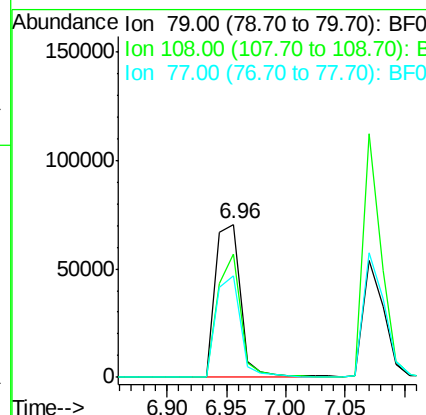
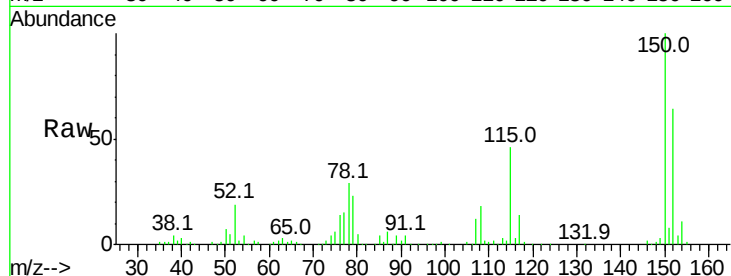
#15
Benzyl Alcohol
Concen: 38.35 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	69.0	103.4
77	66.0	50.0	75.0

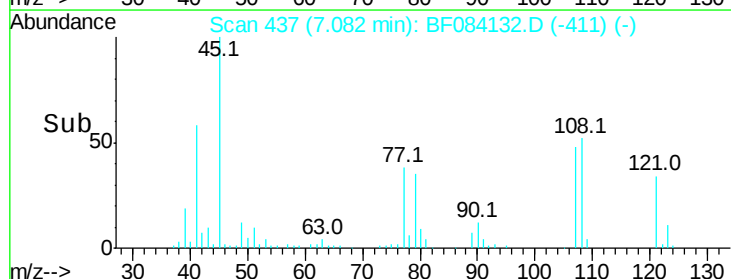
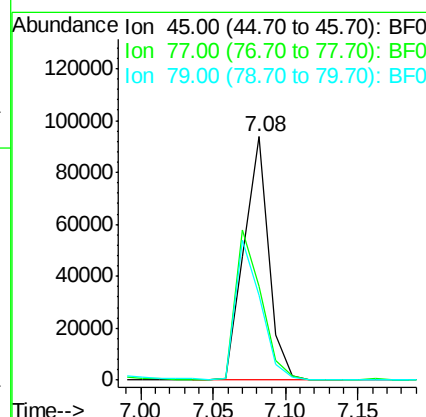
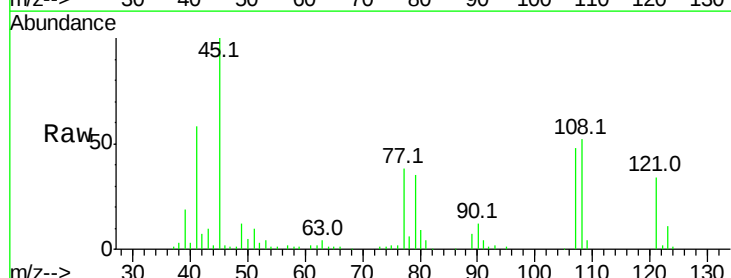
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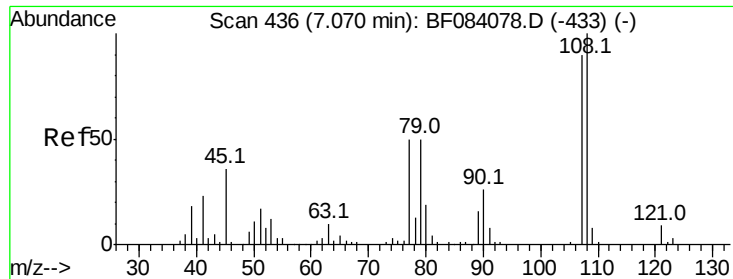
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.35 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.3	0.0	39.6
79	34.8	0.0	35.0





#17

2-Methylphenol

Concen: 38.21 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 105571
Ion Ratio Lower Upper

107 100

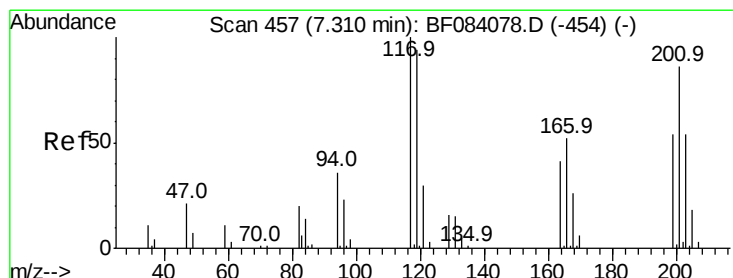
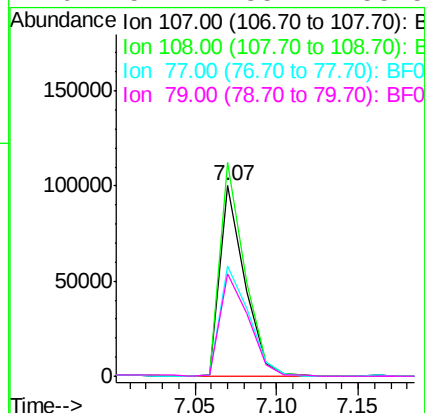
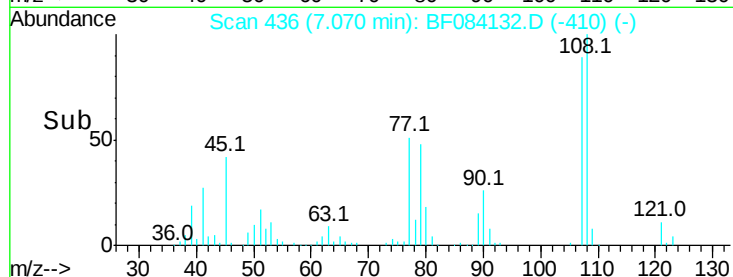
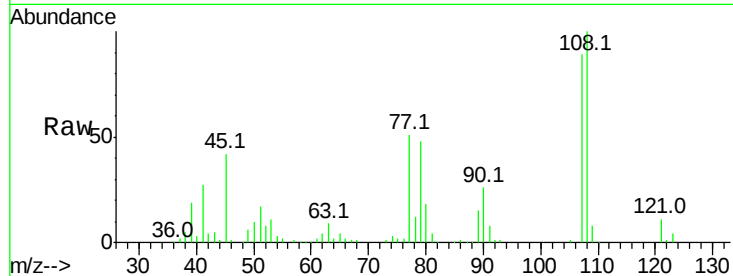
108 112.3 89.8 134.6

77 57.7 35.7 53.5#

79 54.1 35.7 53.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 39.25 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084132.D

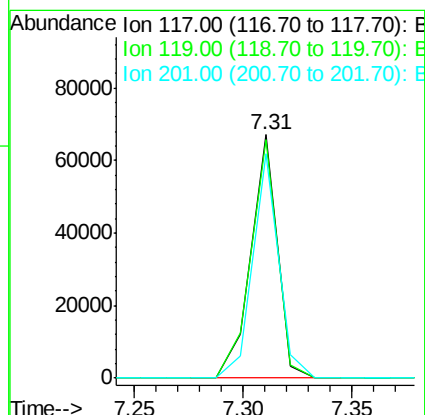
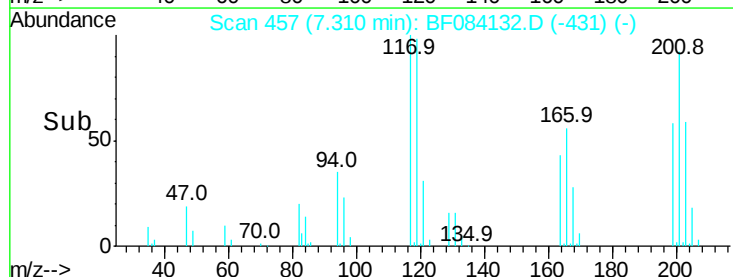
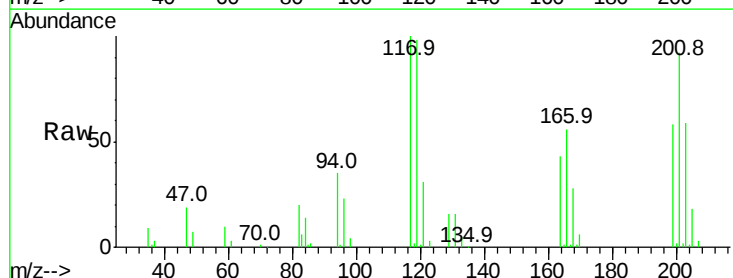
Acq: 25 Dec 2015 16:24

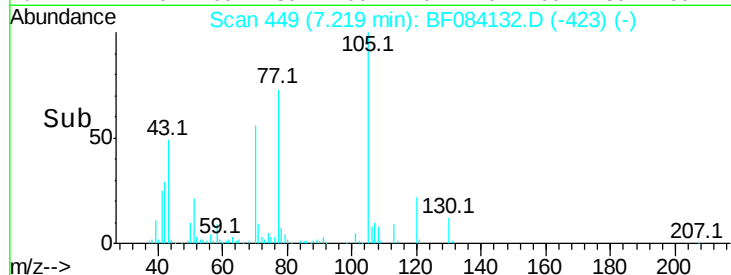
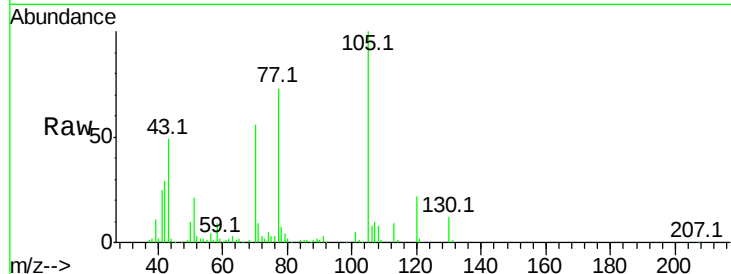
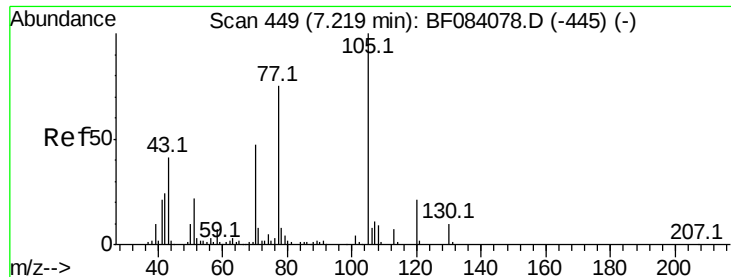
Tgt Ion:117 Resp: 56624
Ion Ratio Lower Upper

117 100

119 97.8 77.4 116.0

201 92.3 68.6 103.0





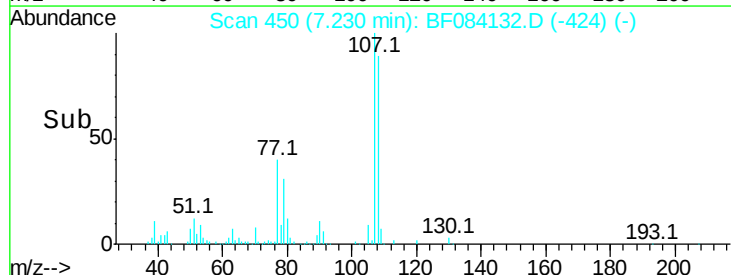
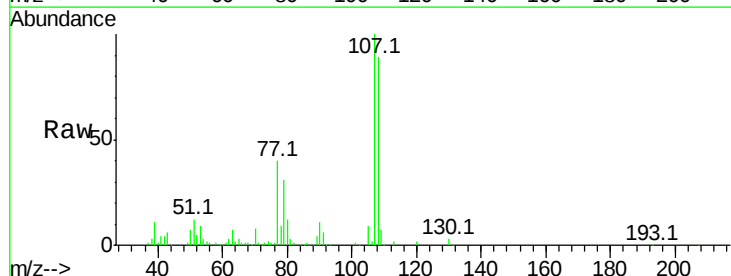
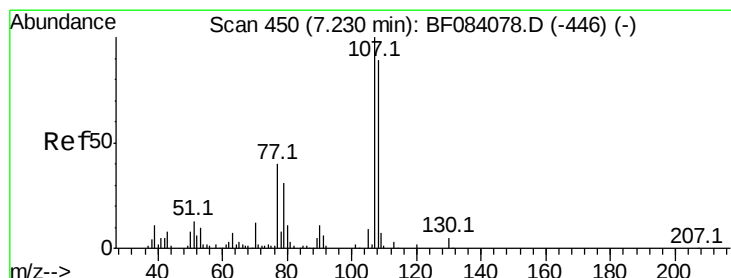
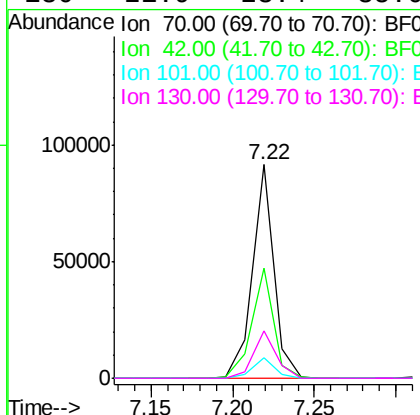
#19
n-Nitroso-di-n-propylamine
Concen: 37.81 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	33.3	49.9#
101	9.3	9.3	13.9
130	21.9	23.4	35.0#

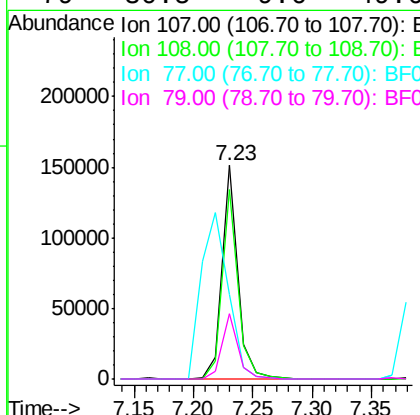
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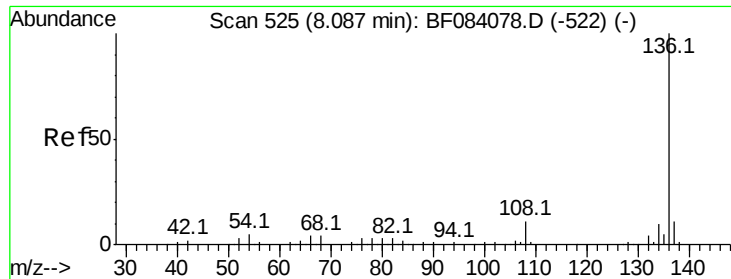
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#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.1	104.1
77	39.7	128.9	168.9#
79	30.5	9.6	49.6





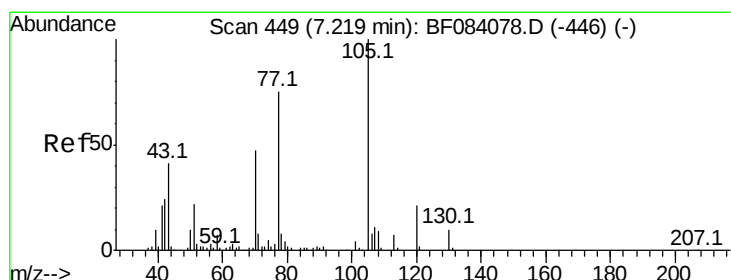
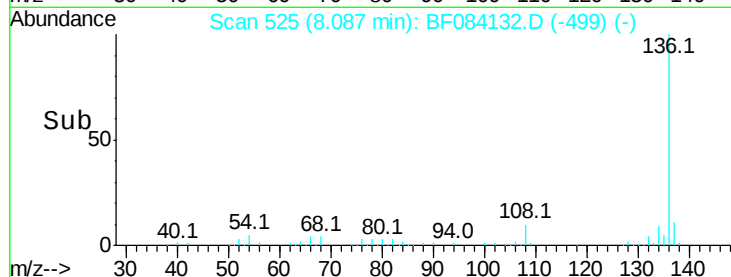
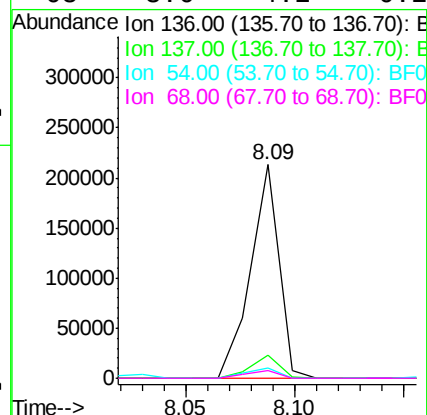
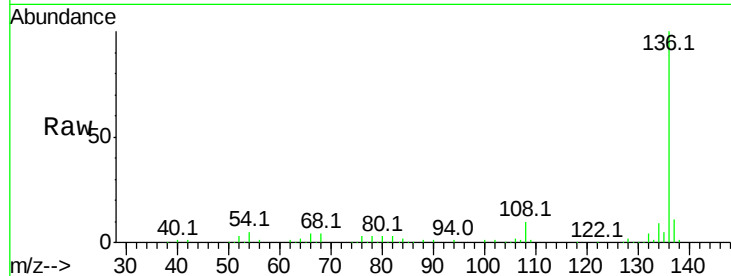
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	192125		
137	10.8	8.7	13.1	
54	4.9	5.8	8.8#	
68	3.6	4.2	6.2#	

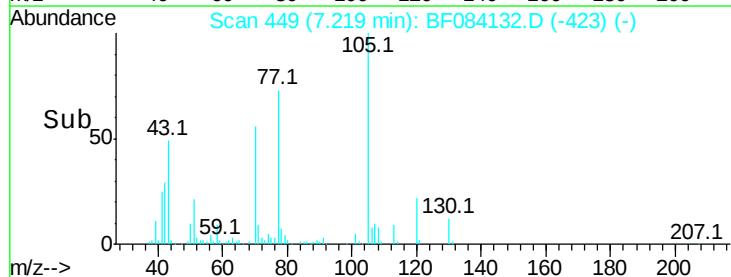
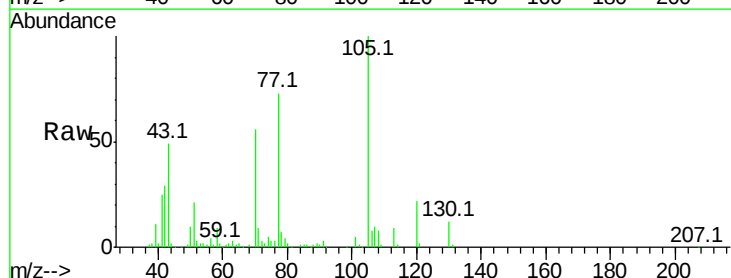
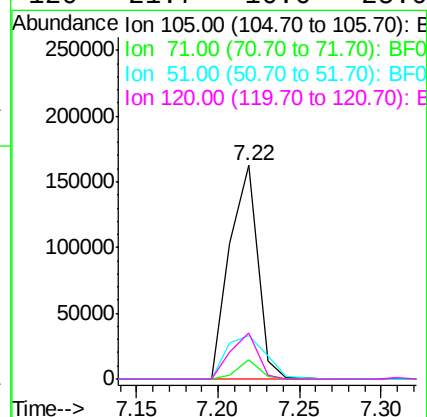
Manual Integrations
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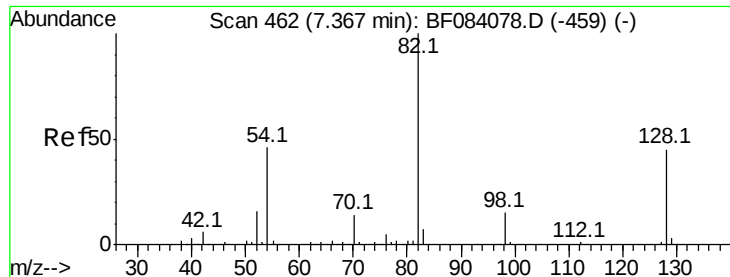
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#22
Acetophenone
Concen: 40.20 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192978		
71	9.1	3.7	5.5#	
51	20.6	25.1	37.7#	
120	21.7	16.6	25.0	





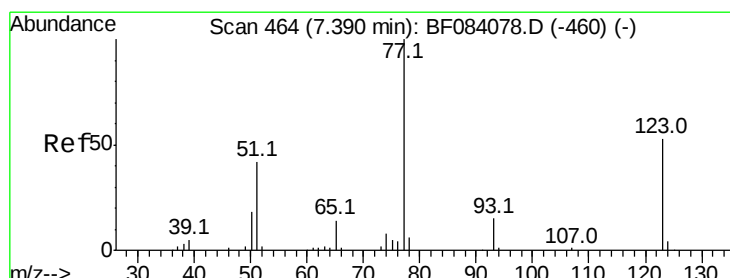
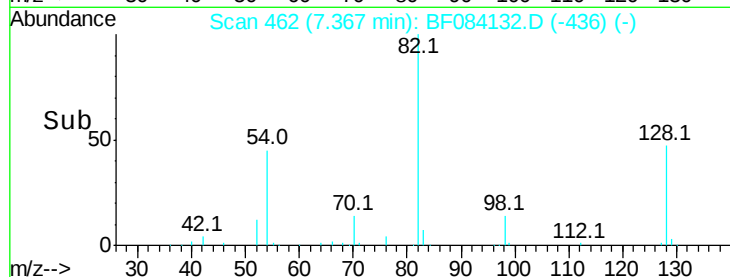
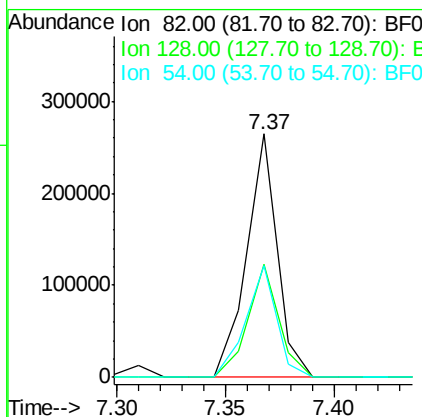
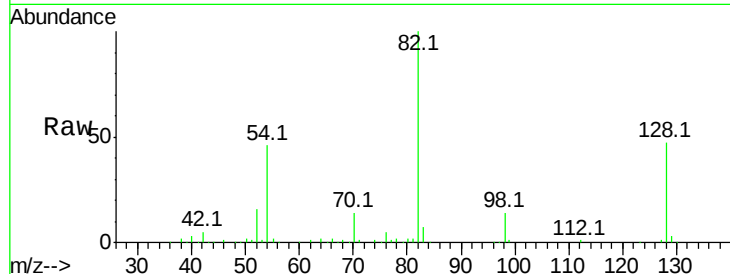
#23
 Nitrobenzene-d5
 Concen: 78.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	45.8	38.4	57.6

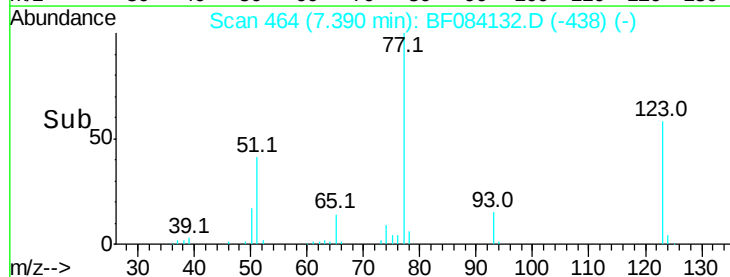
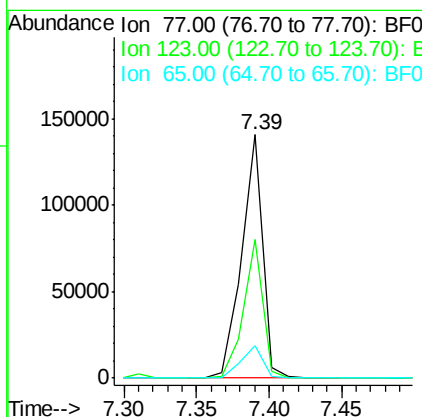
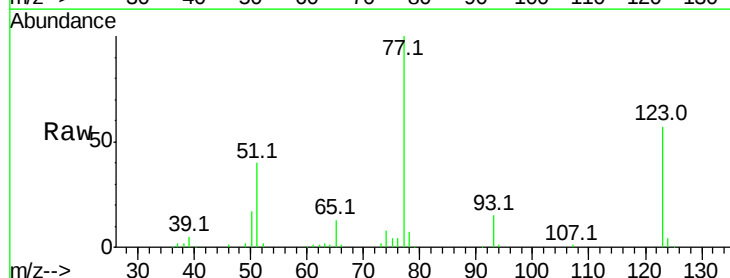
Manual Integrations
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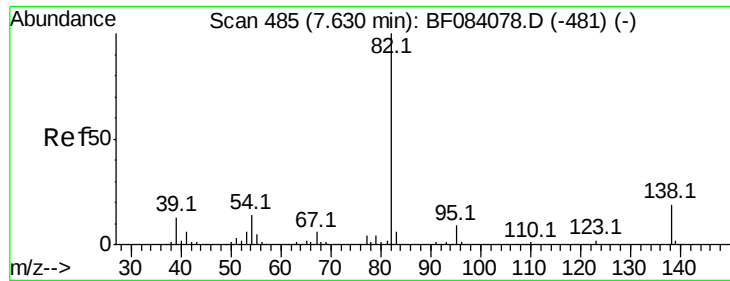
Sohil
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#24
 Nitrobenzene
 Concen: 40.41 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.9	37.4	56.2#
65	13.3	10.9	16.3





#25

Isophorone

Concen: 40.30 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

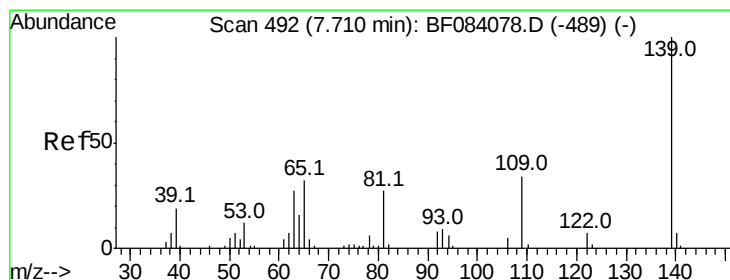
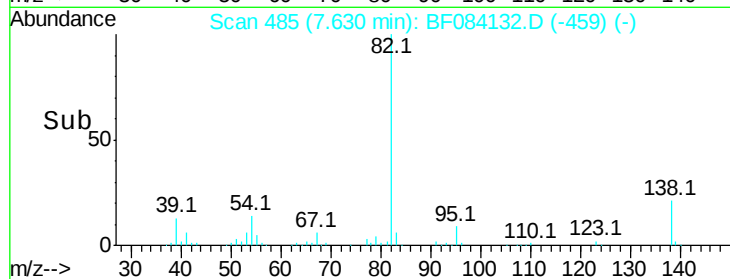
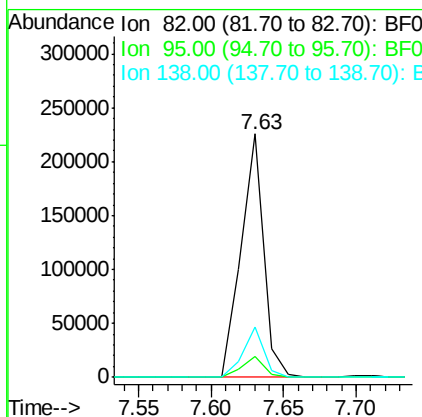
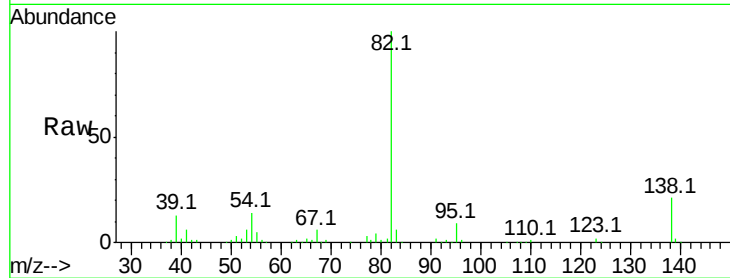
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	244679
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	10.0
138	20.6	13.6	20.4#

Manual Integrations
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12/28/2015 1:10:41 PM



#26

2-Nitrophenol

Concen: 40.26 ng

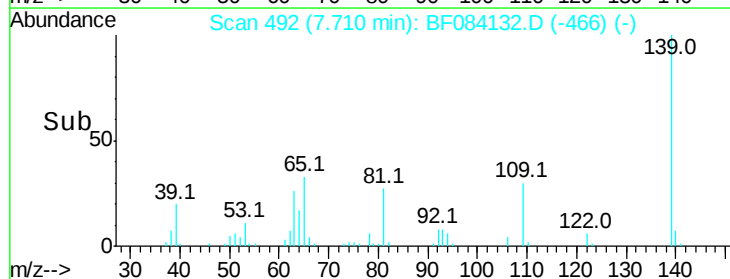
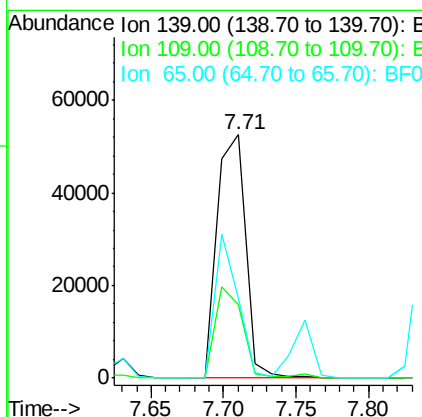
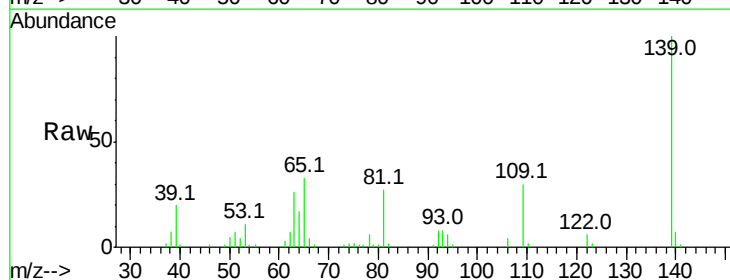
RT: 7.71 min Scan# 492

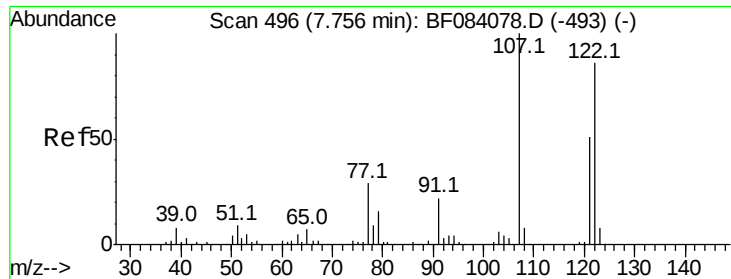
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	139	Resp:	71804
Ion Ratio	Lower	Upper	
139	100		
109	30.1	25.4	38.2
65	32.8	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 42.49 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

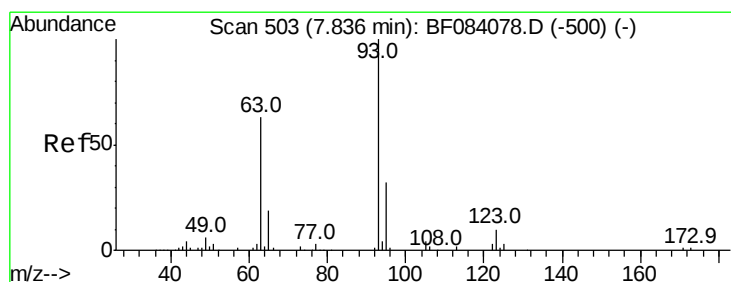
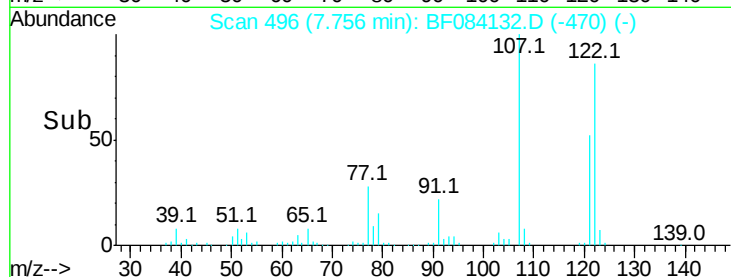
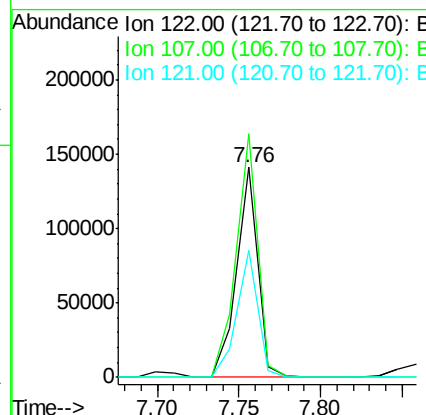
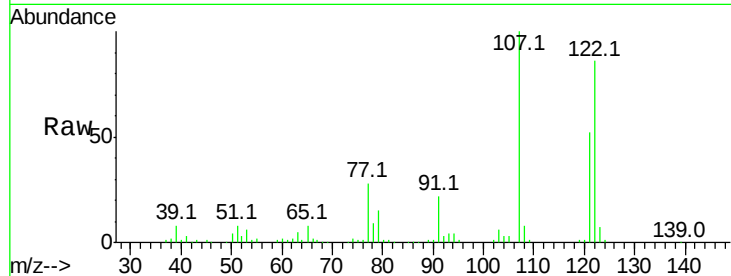
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.0		99.1	148.7	
121	60.3		47.9	71.9	

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#28

bis(2-Chloroethoxy)methane

Concen: 37.36 ng

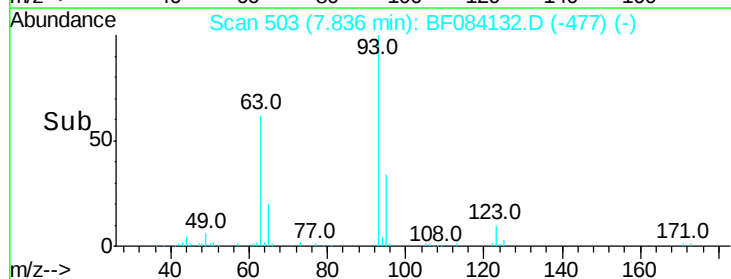
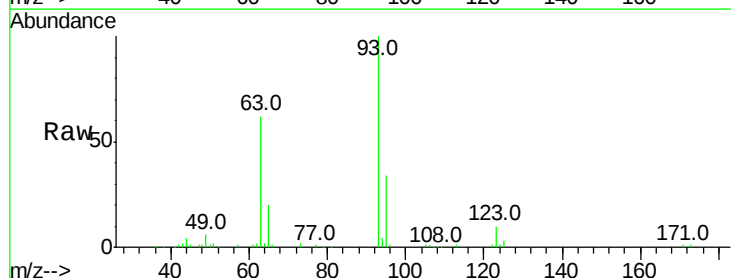
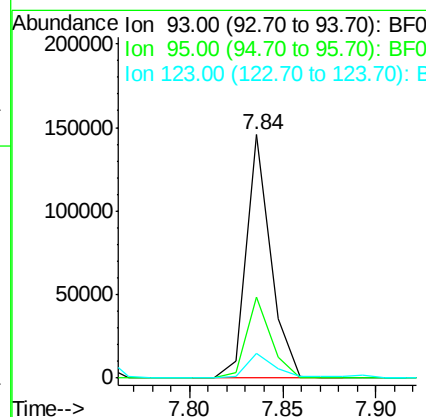
RT: 7.84 min Scan# 503

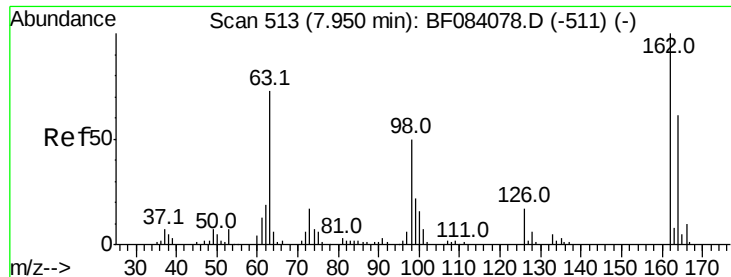
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.5		25.8	38.6	
123	10.3		8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 39.45 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

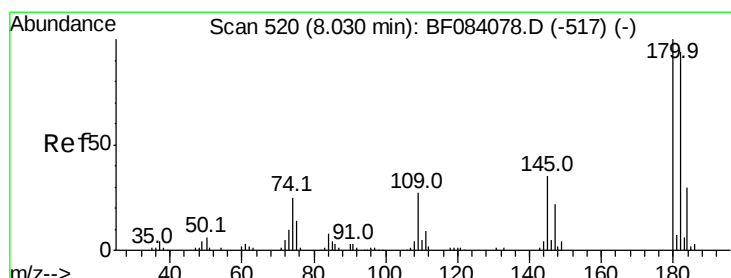
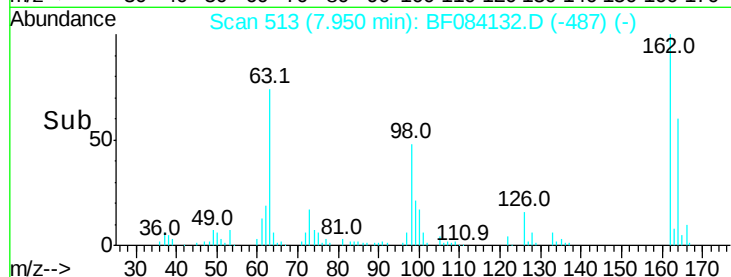
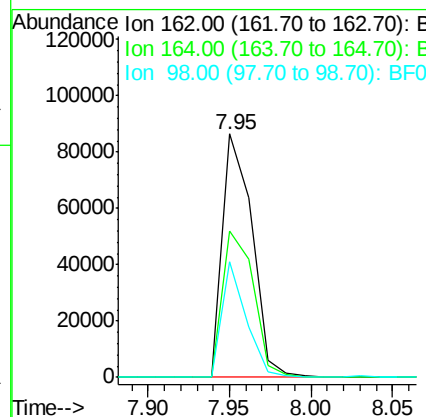
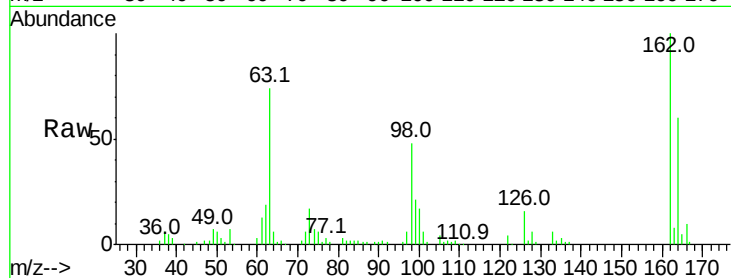
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	108473
Ion Ratio	Lower	Upper	
162	100		
164	60.3	44.1	84.1
98	47.5	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 40.61 ng

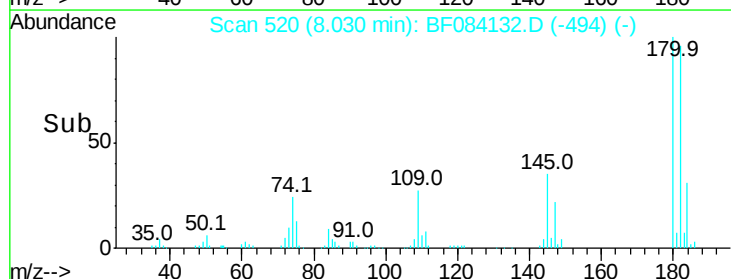
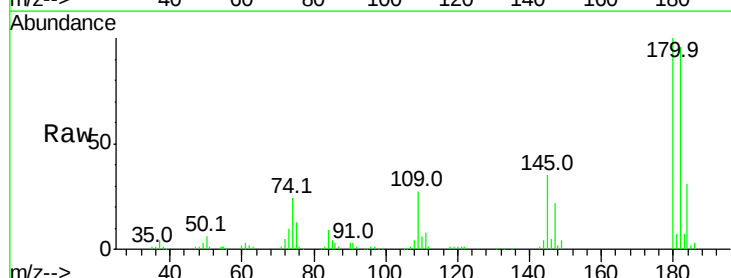
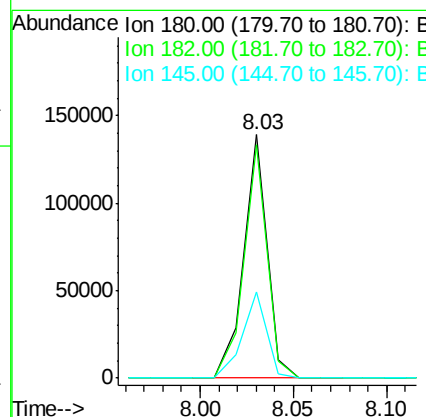
RT: 8.03 min Scan# 520

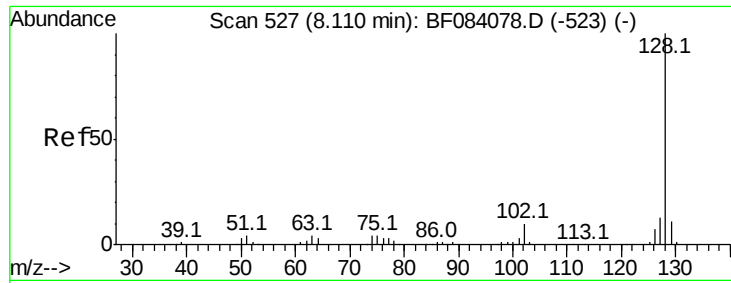
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	180	Resp:	122362
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.4	114.6
145	35.3	31.6	47.4





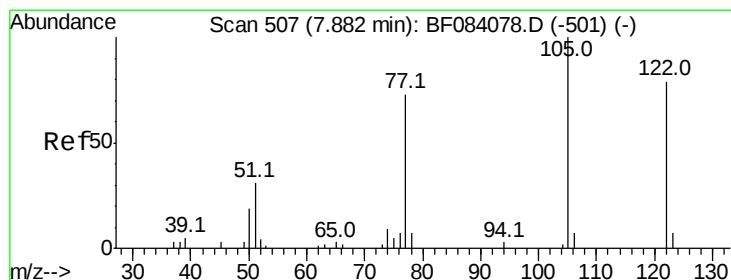
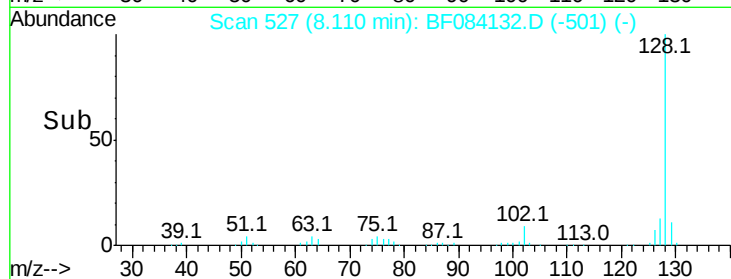
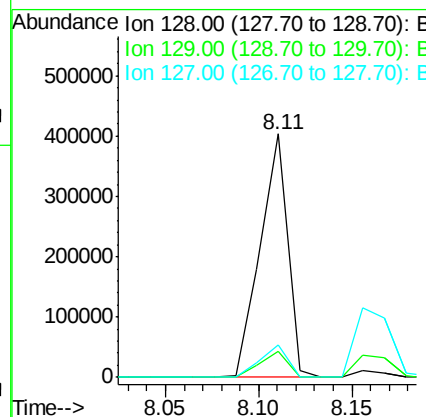
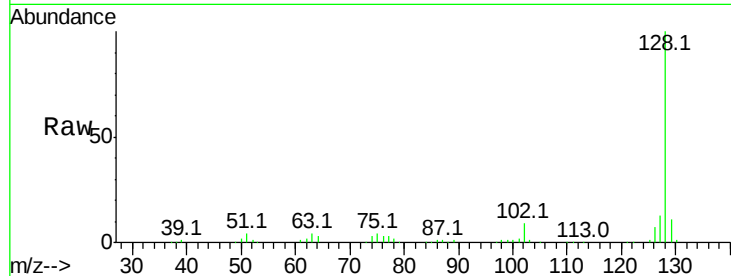
#31
Naphthalene
Concen: 40.21 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.4	11.1	16.7

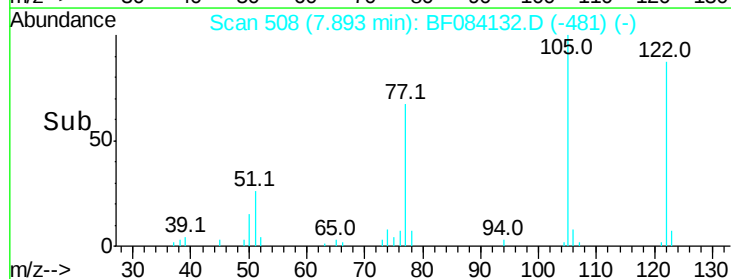
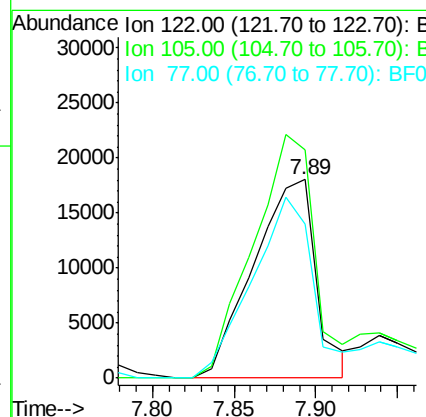
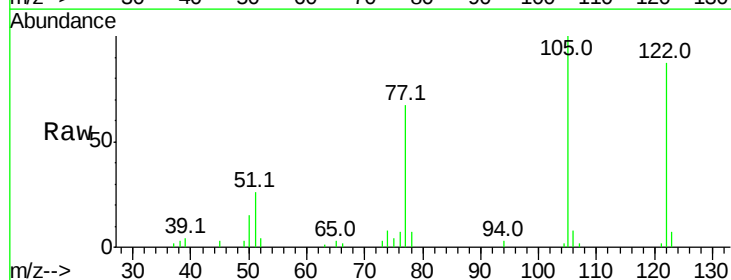
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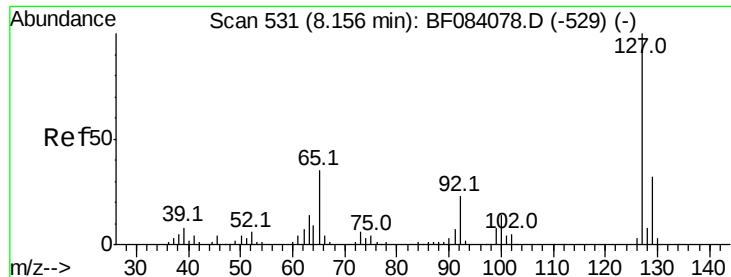
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#32
Benzoic acid
Concen: 33.89 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	100.3	140.3
77	77.4	63.5	103.5





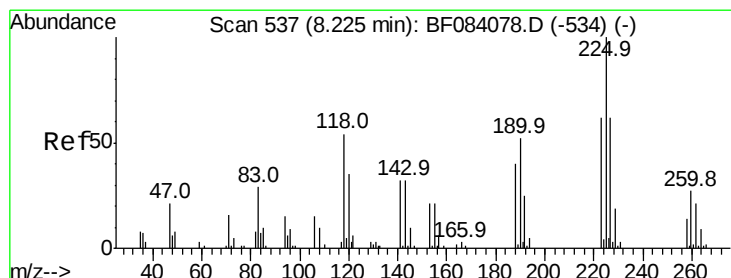
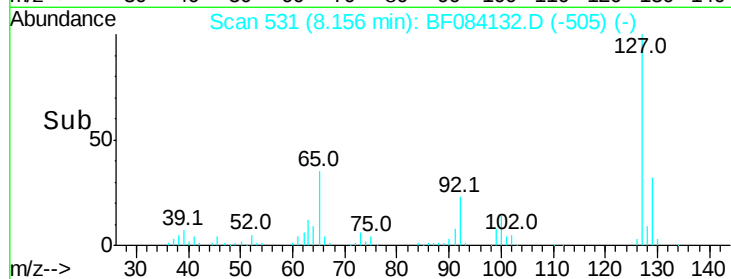
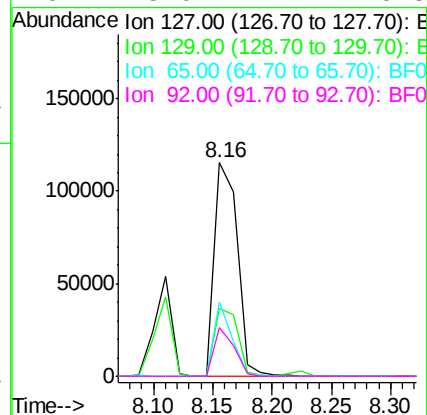
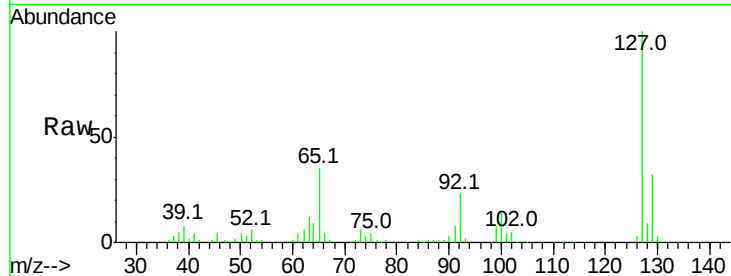
#33
4-Chloroaniline
Concen: 37.99 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	35.1	27.2	40.8
92	23.0	17.7	26.5

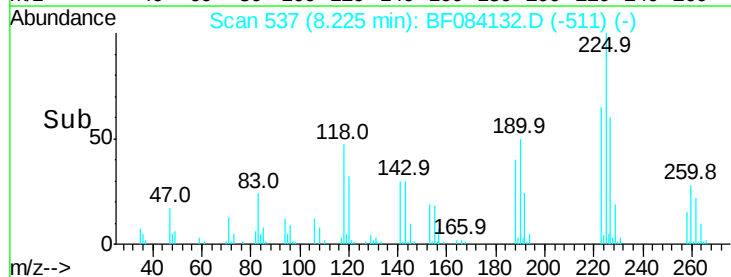
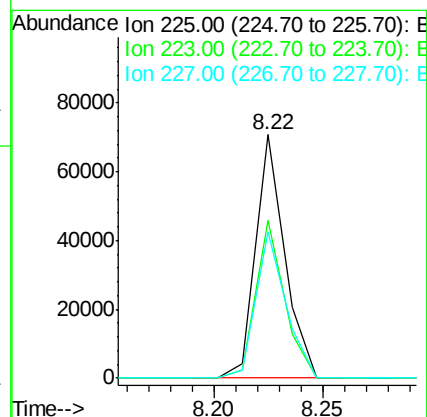
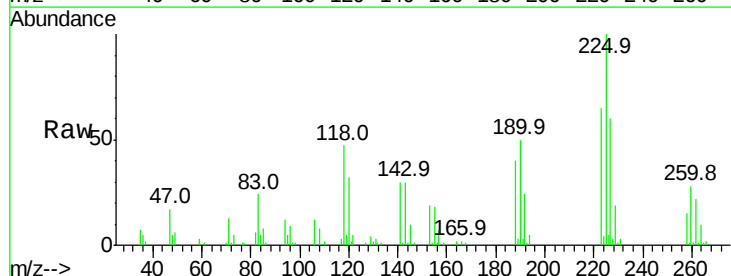
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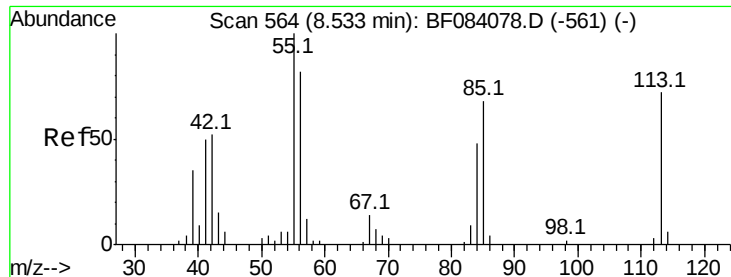
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#34
Hexachlorobutadiene
Concen: 38.16 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.4	74.0
227	60.3	50.8	76.2





#35

Caprolactam

Concen: 44.31 ng

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

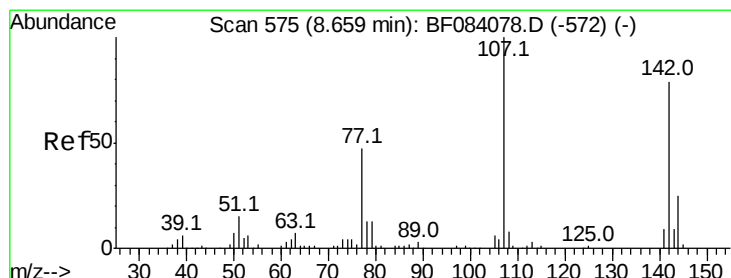
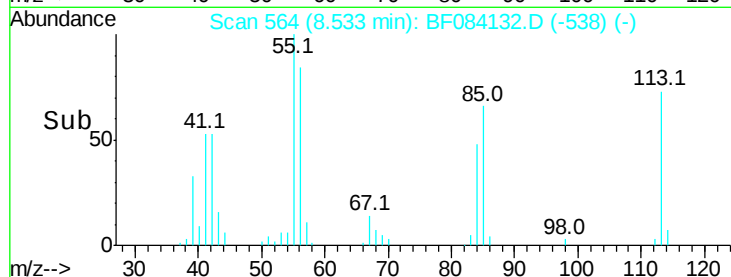
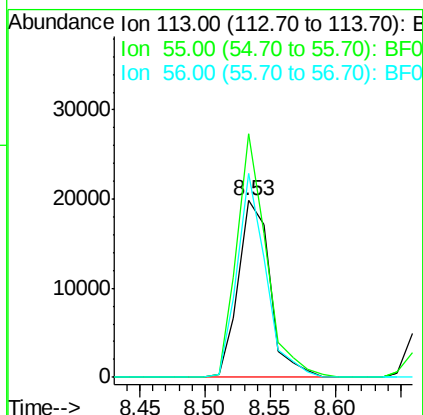
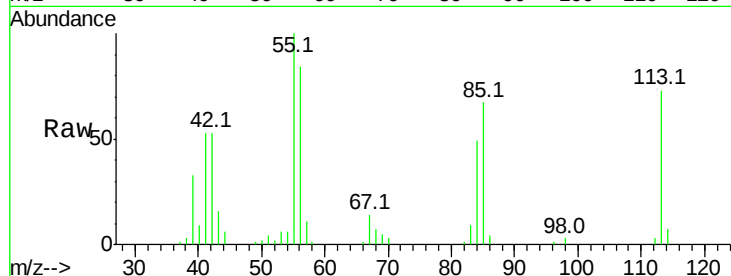
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	33787
Ion Ratio	Lower	Upper	
113	100		
55	137.6	116.9	156.9
56	115.4	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 41.69 ng

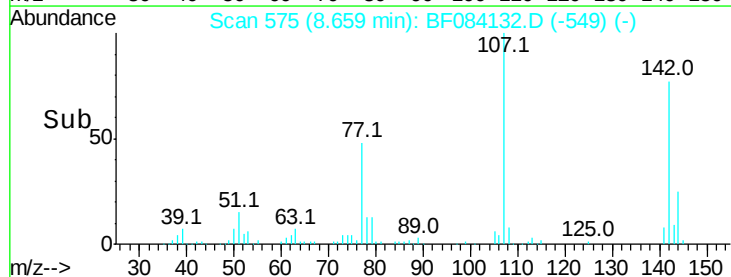
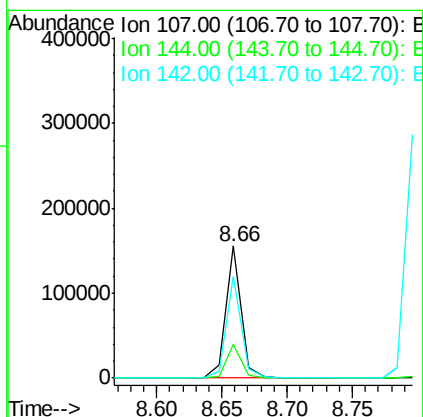
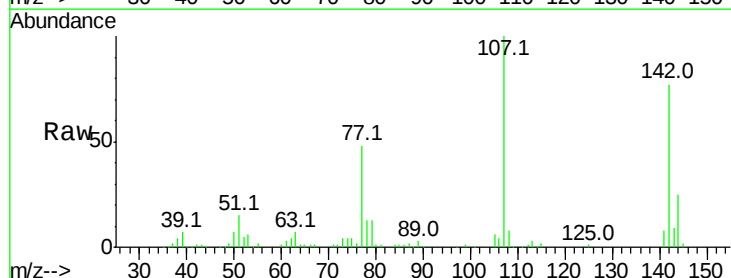
RT: 8.66 min Scan# 575

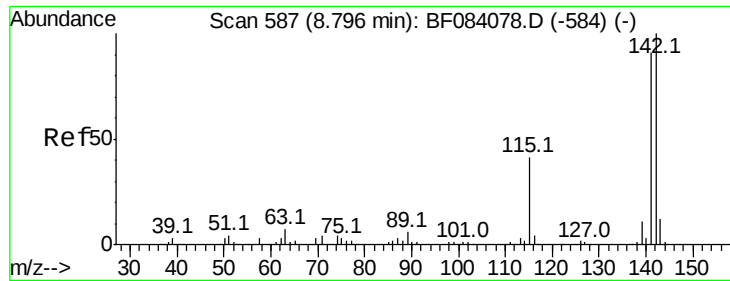
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	107	Resp:	128890
Ion Ratio	Lower	Upper	
107	100		
144	25.2	19.7	29.5
142	77.3	61.8	92.6





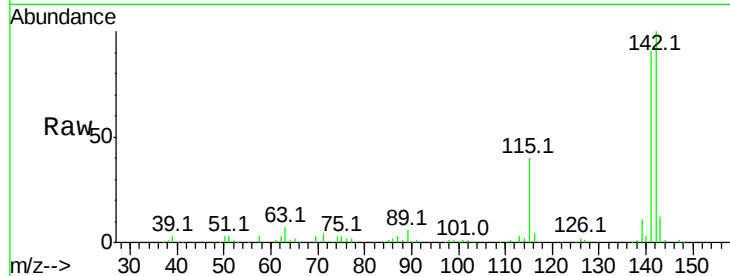
#37
2-Methylnaphthalene
Concen: 39.04 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

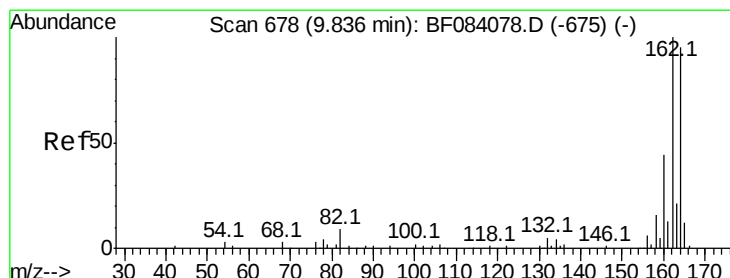
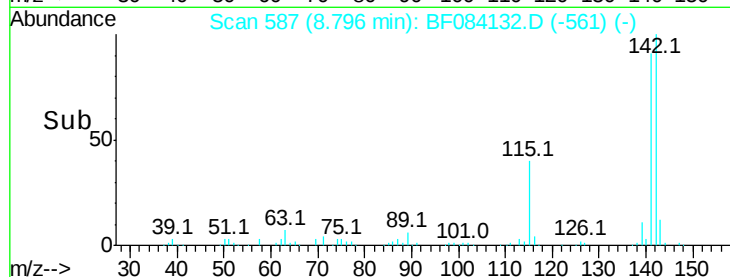
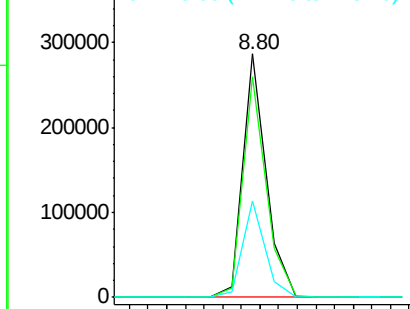
Tot Ion	Ratio	Resp	Lower	Upper
142	100	249808		
141	90.7	72.4	108.6	
115	39.7	27.9	41.9	

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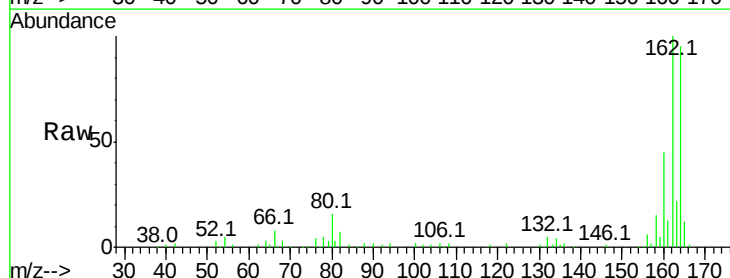


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

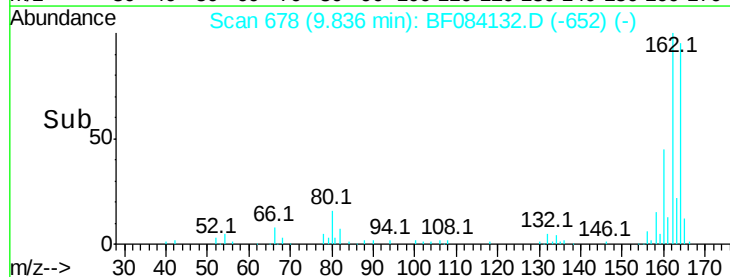
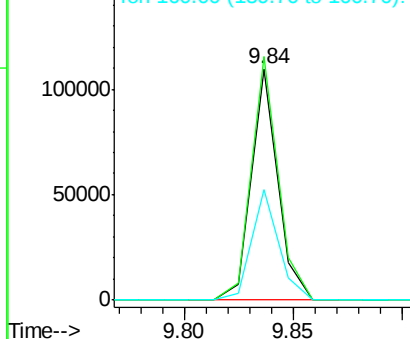


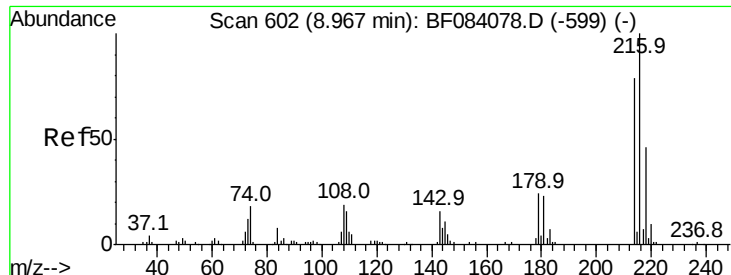
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92601		
162	105.3	85.1	127.7	
160	47.6	37.5	56.3	



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





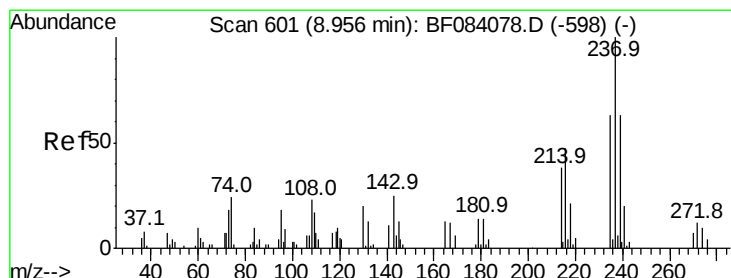
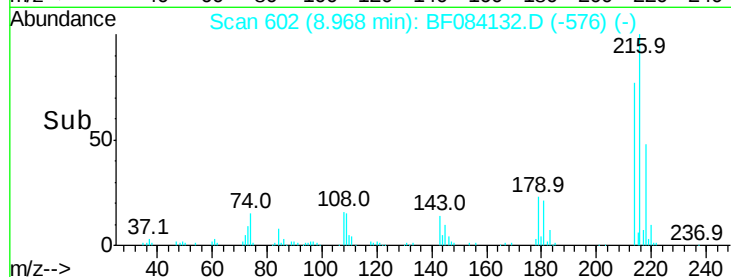
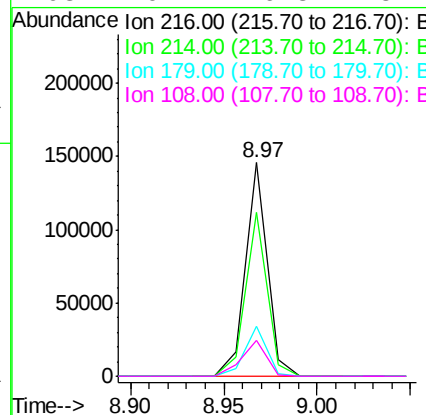
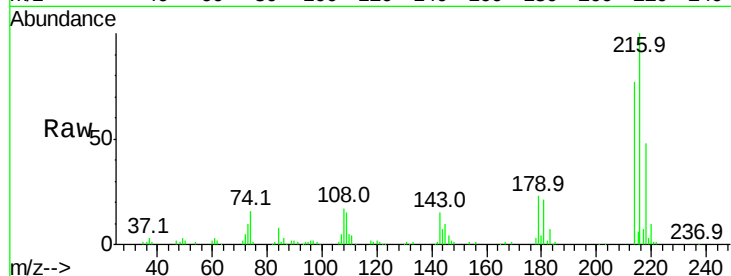
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.77 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	119006		
214	77.1	64.2	96.2	
179	23.7	18.7	28.1	
108	19.2	16.8	25.2	

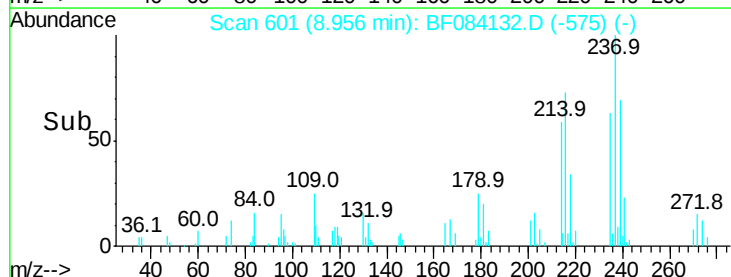
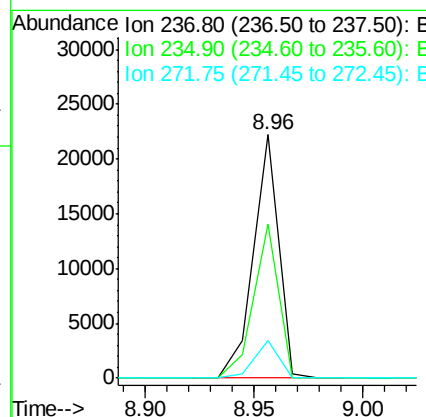
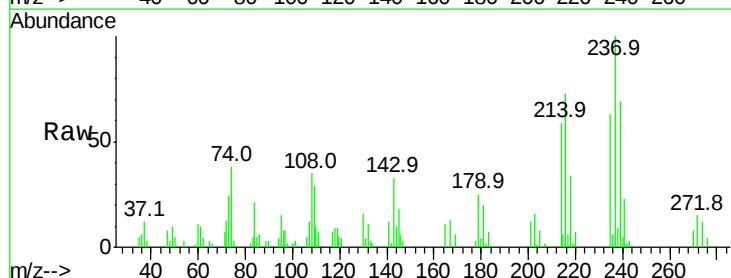
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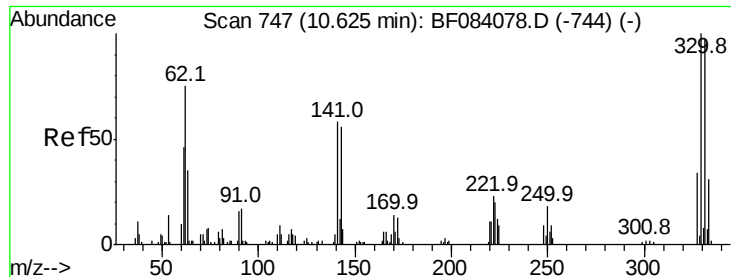
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 31.41 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	17843		
235	63.1	43.1	83.1	
272	15.2	0.0	35.1	





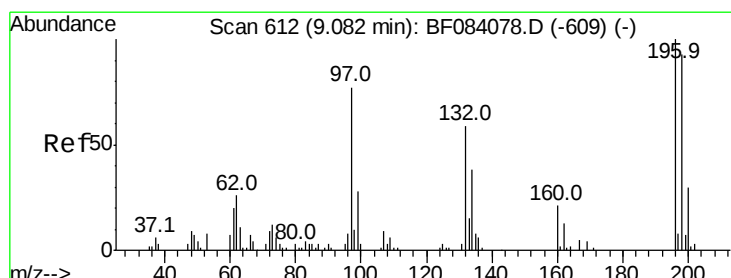
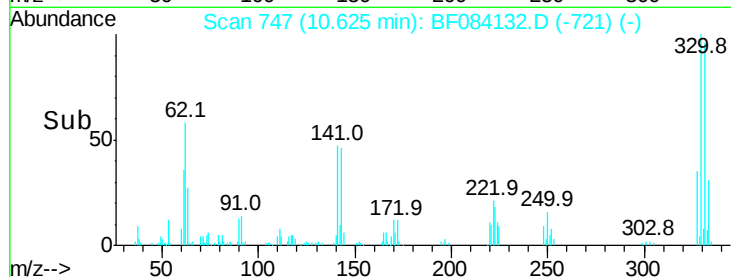
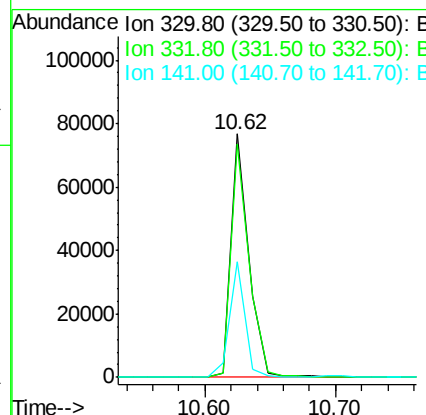
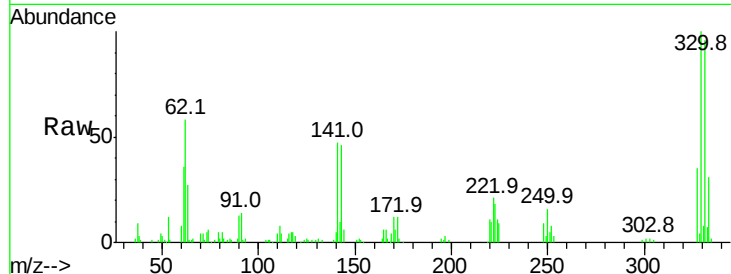
#41
 2,4,6-Tribromophenol
 Concen: 74.09 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	41.2	27.8	41.6

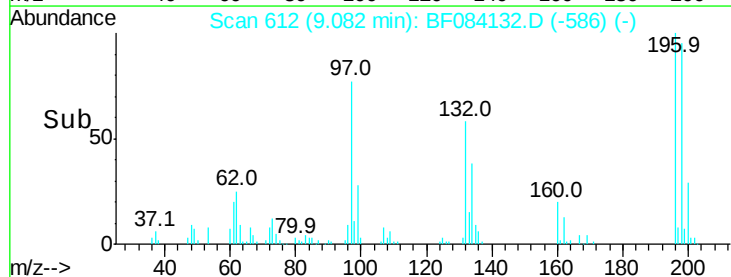
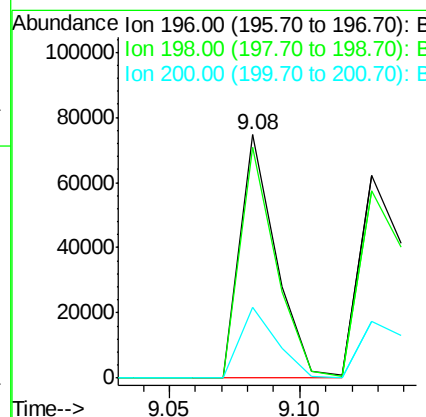
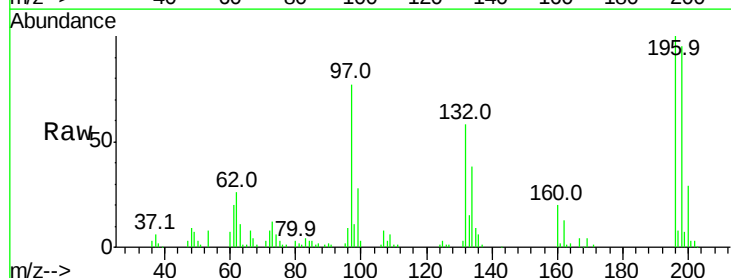
Manual Integrations
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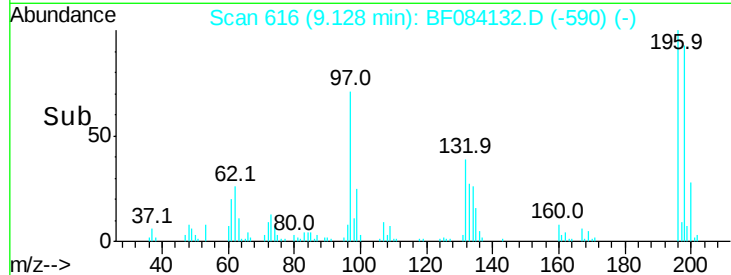
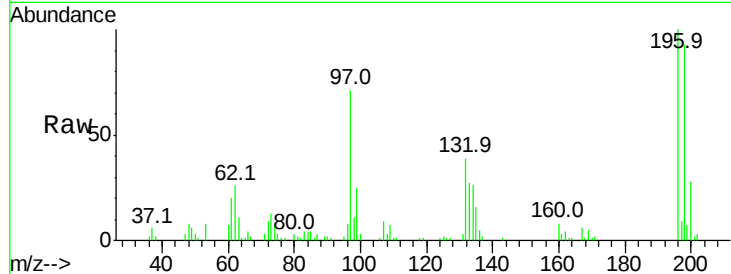
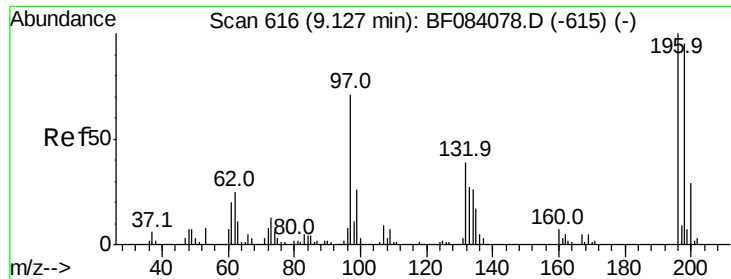
Sohil
 12/28/2015 1:10:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.08 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.7	116.5
200	29.3	24.6	37.0





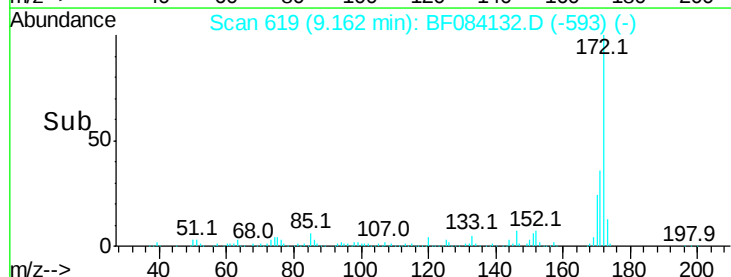
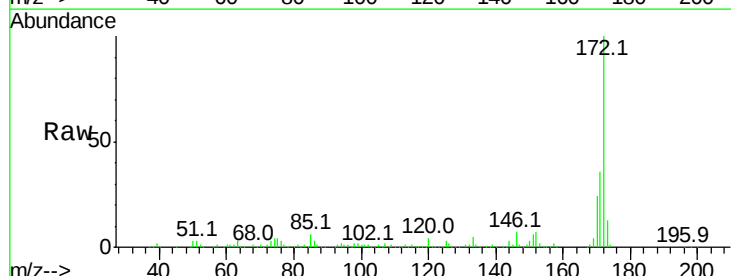
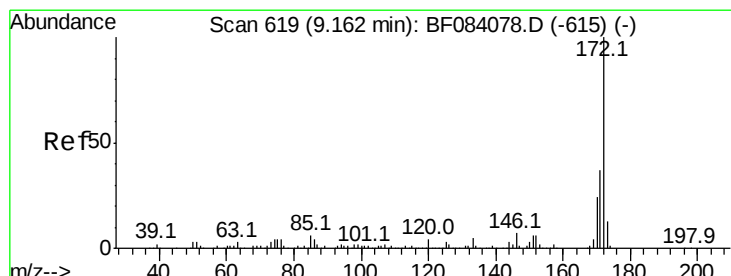
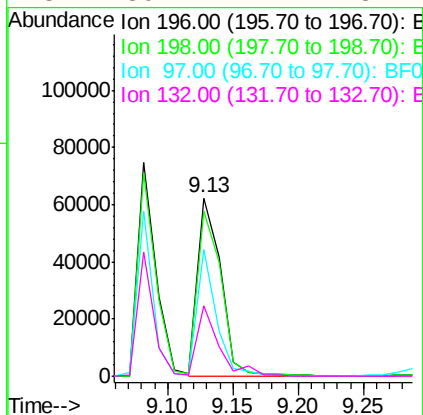
#43
2,4,5-Trichlorophenol
Concen: 40.36 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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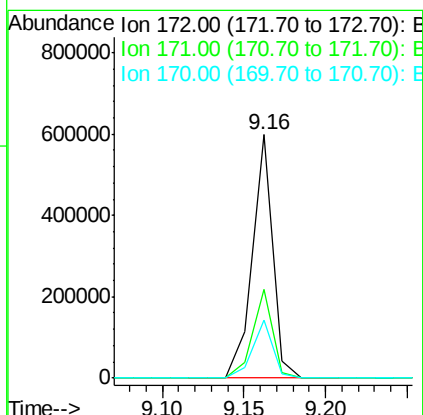
Sohil
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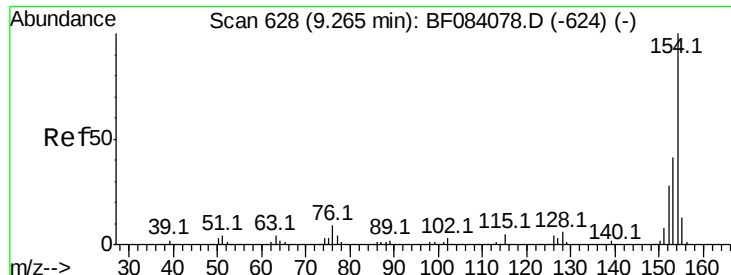
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	79.0	118.6	
97	70.9	33.0	49.6	
132	39.4	21.1	31.7	



#44
2-Fluorobiphenyl
Concen: 76.70 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	28.9	43.3	
170	24.1	18.6	27.8	





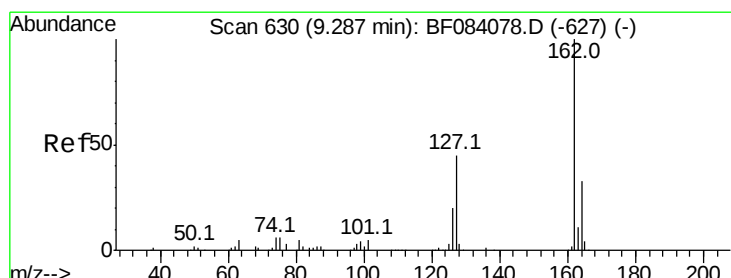
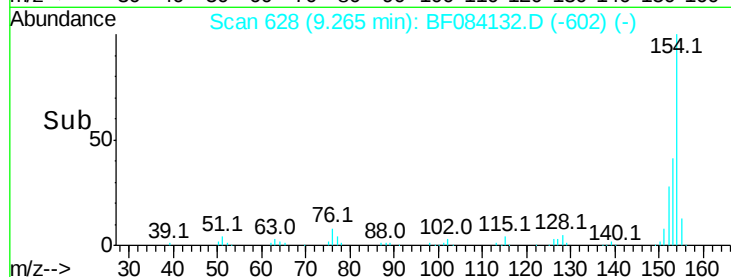
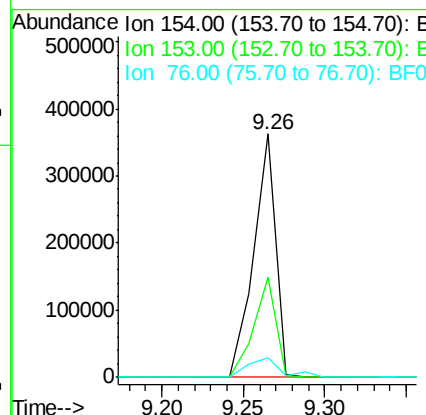
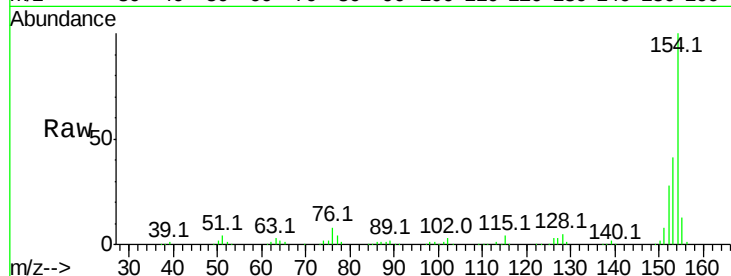
#45
1,1'-Biphenyl
Concen: 40.38 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.6	61.6
76	8.0	0.0	32.7

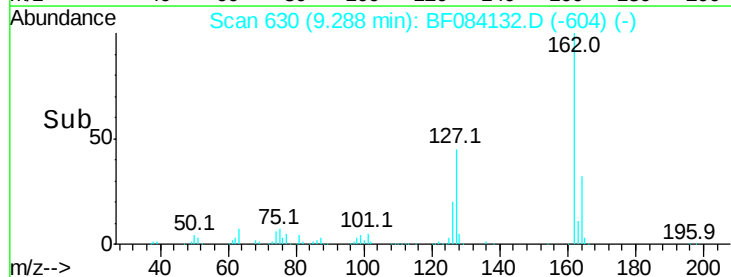
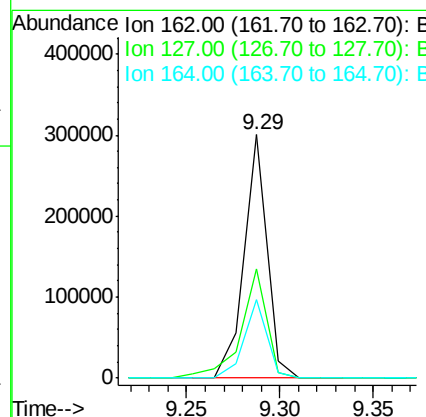
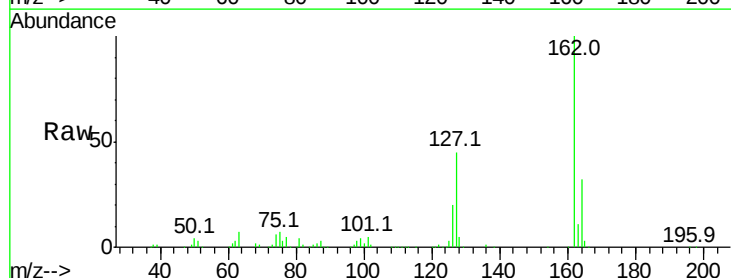
Manual Integrations
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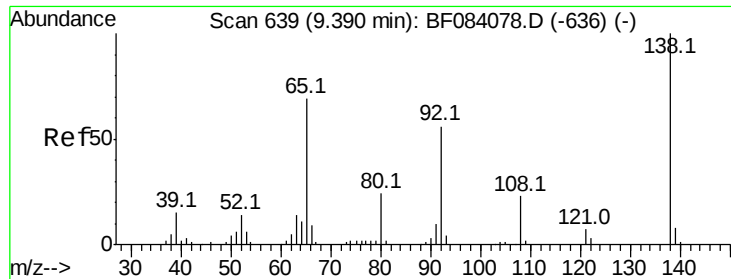
Sohil
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#46
2-Chloronaphthalene
Concen: 40.70 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	40.2	60.4
164	32.3	25.7	38.5





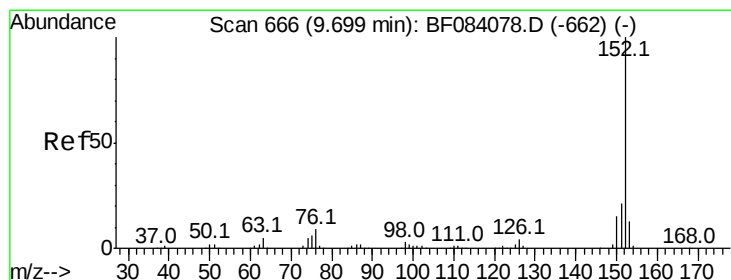
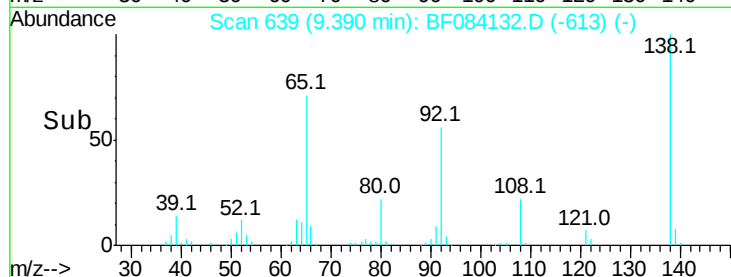
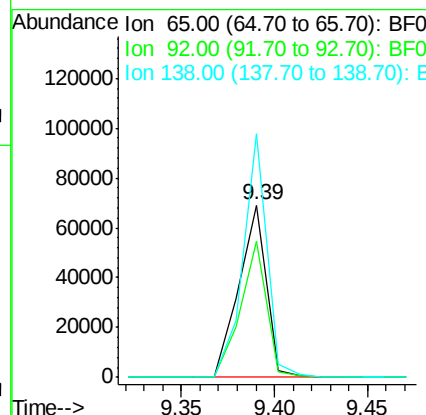
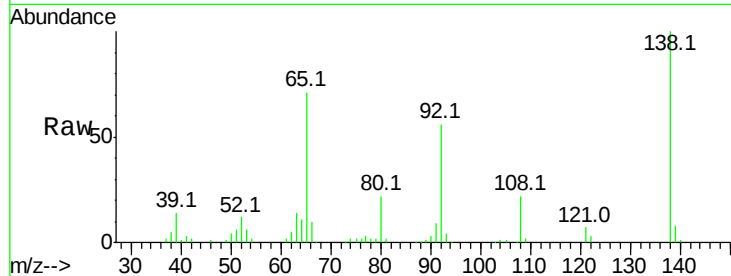
#47
2-Nitroaniline
Concen: 42.37 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.3	53.4	80.2
138	141.3	71.1	106.7

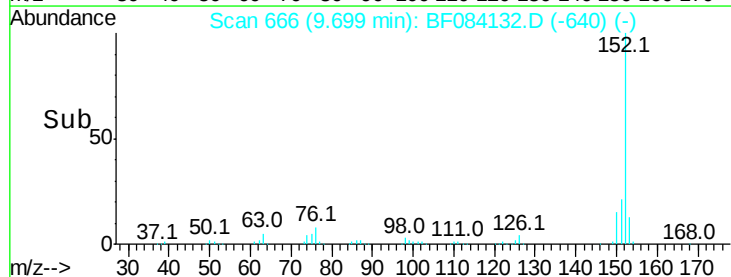
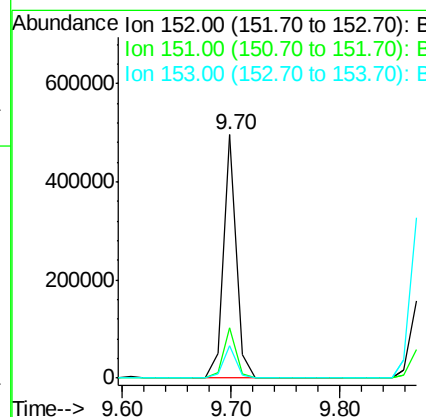
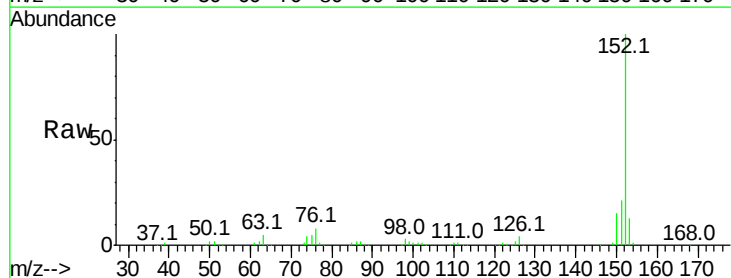
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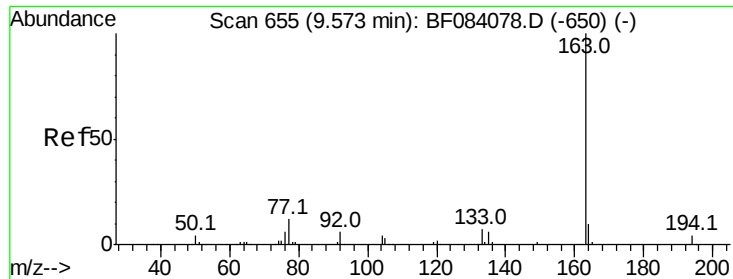
Sohil
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#48
Acenaphthylene
Concen: 39.18 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.4	15.6





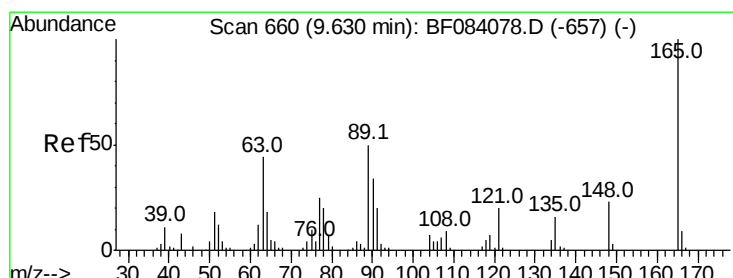
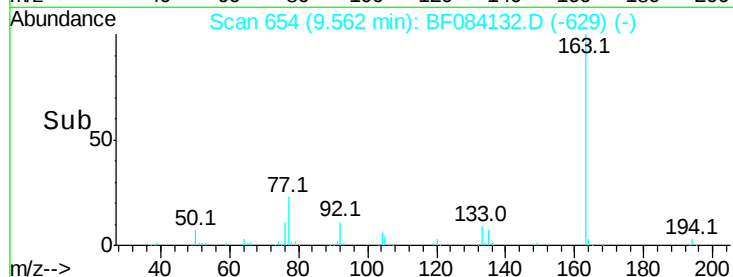
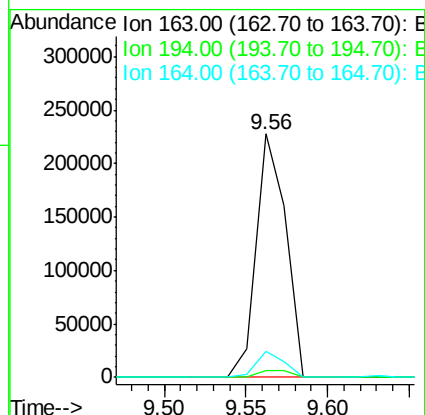
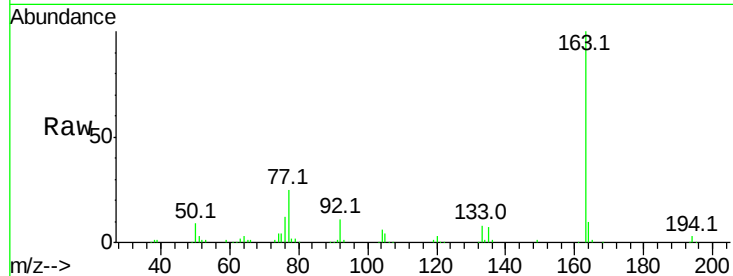
#49
Dimethylphthalate
Concen: 37.19 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	8.0	12.0#
164	10.5	8.0	12.0

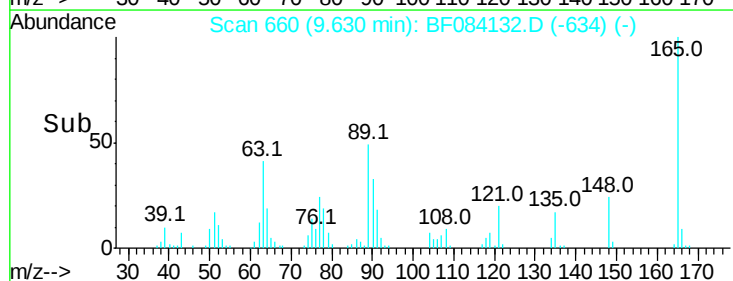
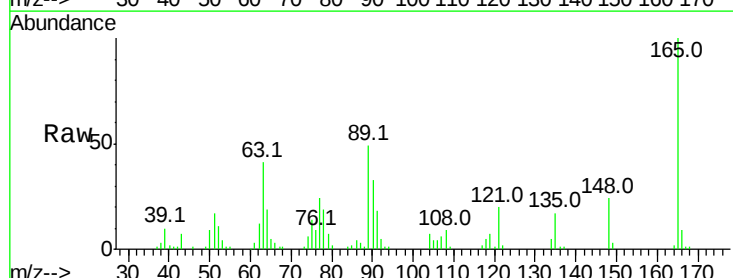
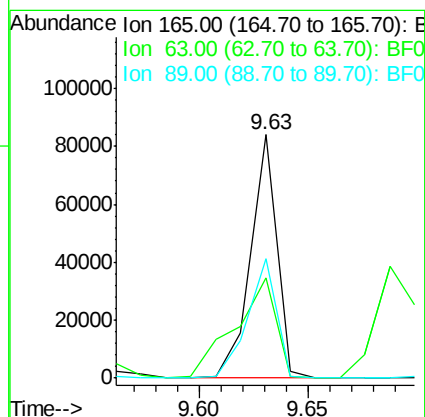
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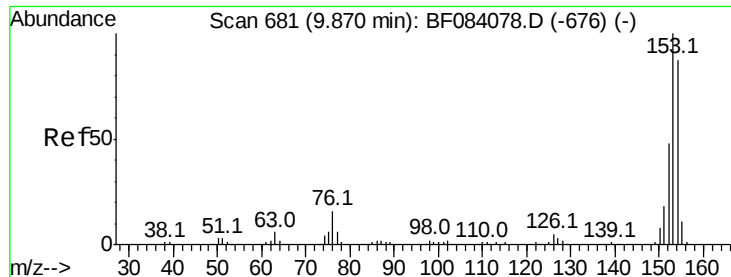
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.18 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.3	28.8	43.2
89	49.0	35.1	52.7





#51

Acenaphthene

Concen: 38.56 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

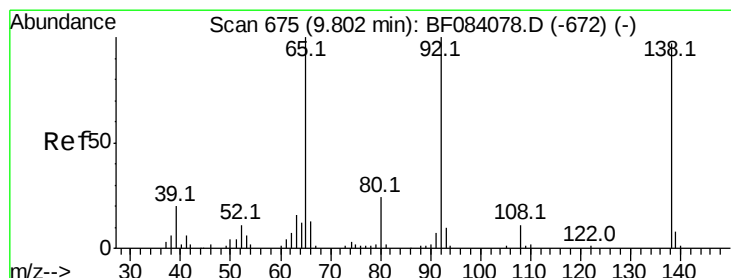
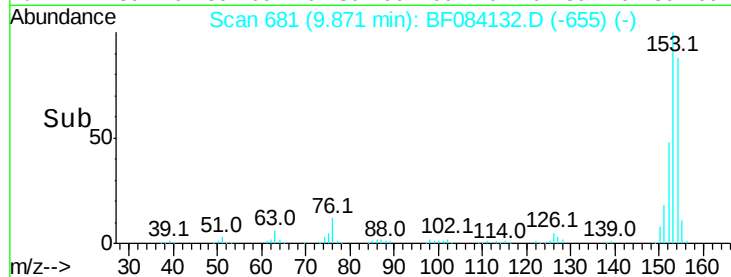
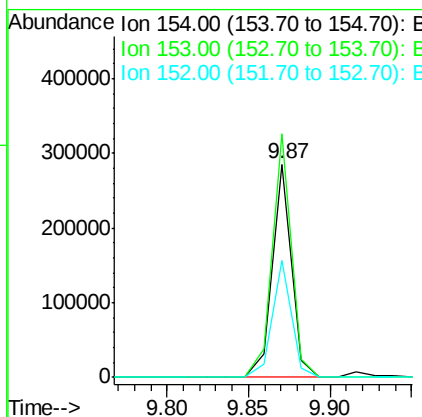
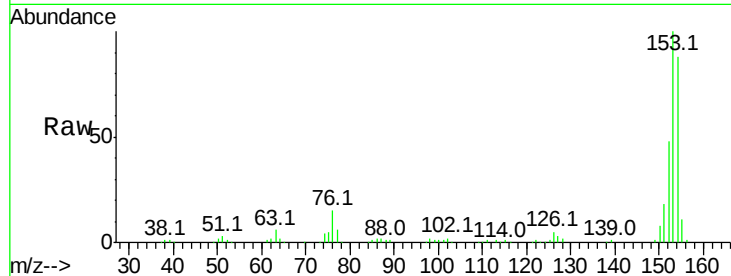
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	234212
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.5	137.3
152	54.7	43.0	64.6

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#52

3-Nitroaniline

Concen: 42.27 ng

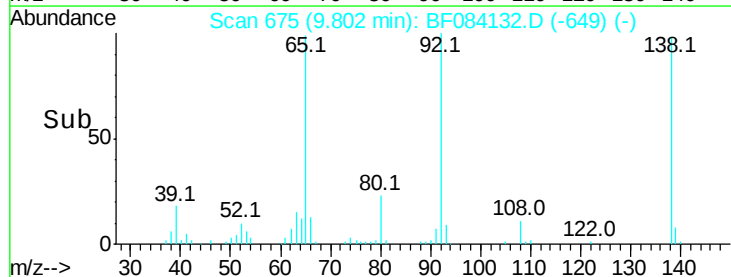
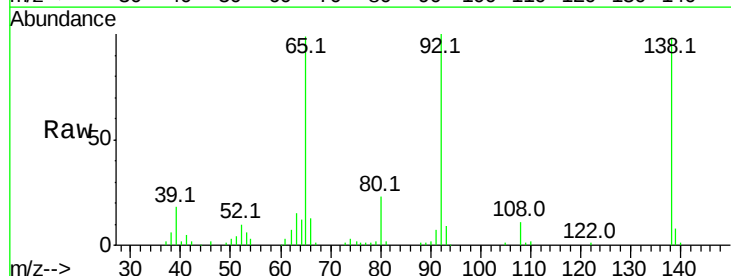
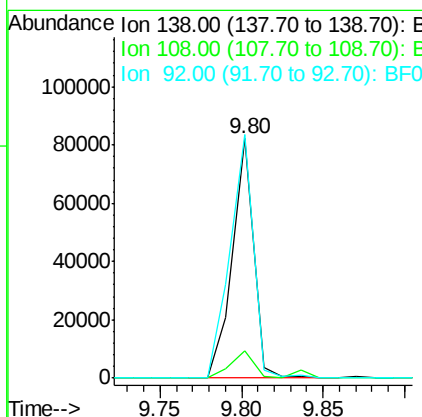
RT: 9.80 min Scan# 675

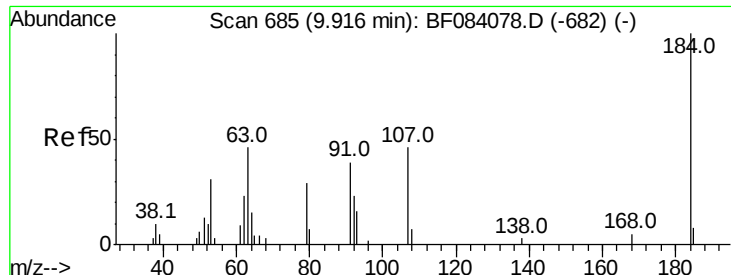
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	138	Resp:	73839
Ion Ratio	Lower	Upper	
138	100		
108	11.5	10.5	15.7
92	101.8	103.9	155.9#





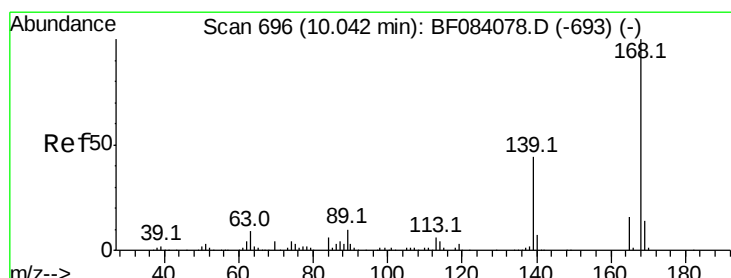
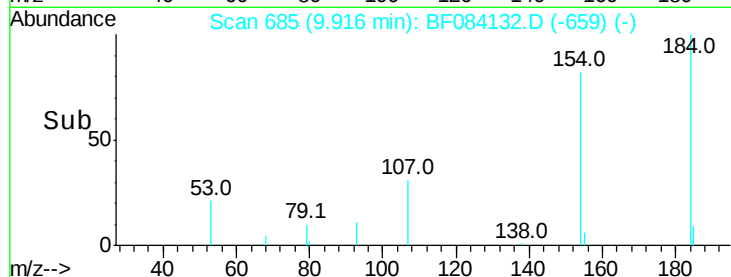
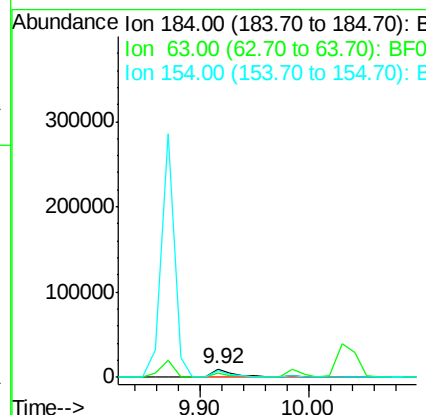
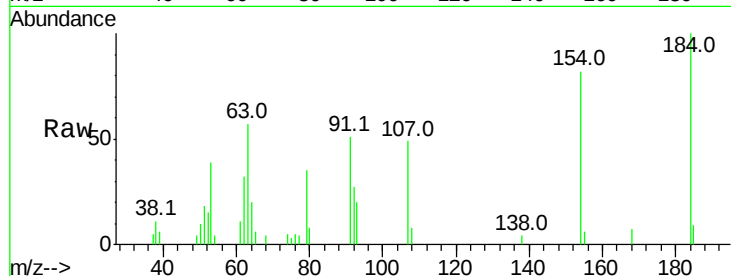
#53
2,4-Dinitrophenol
Concen: 34.28 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	14994		
63	57.5	43.1	64.7	
154	82.1	60.5	90.7	

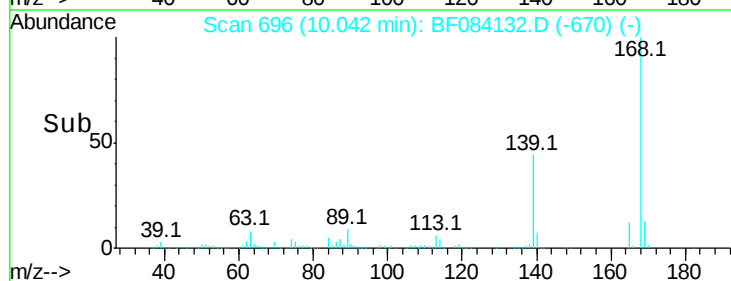
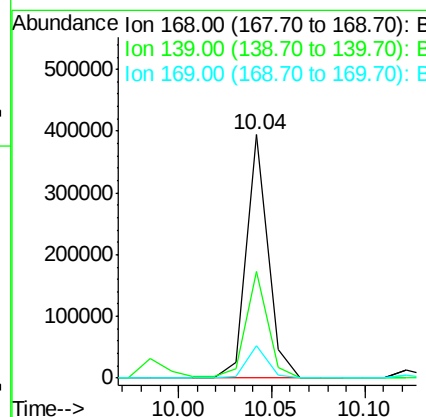
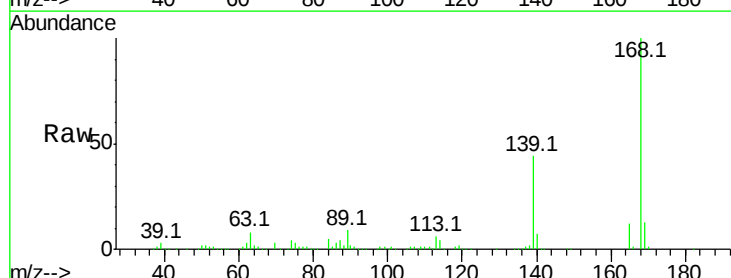
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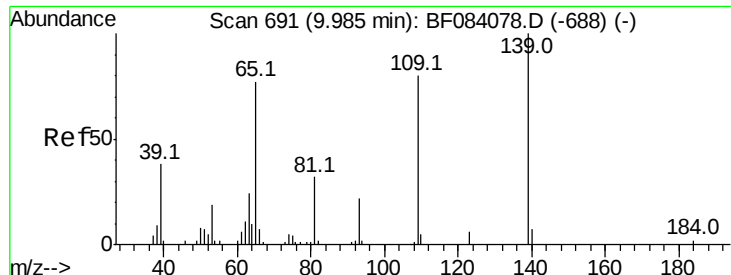
Sohil
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#54
Dibenzofuran
Concen: 38.37 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	320535		
139	43.8	30.5	45.7	
169	13.3	10.4	15.6	





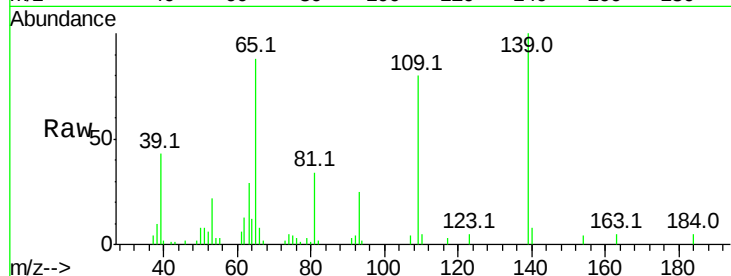
#55
4-Nitrophenol
Concen: 37.25 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

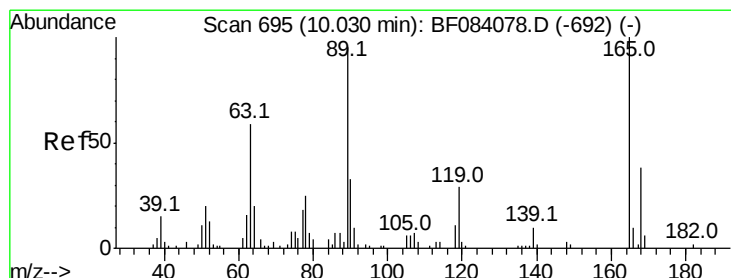
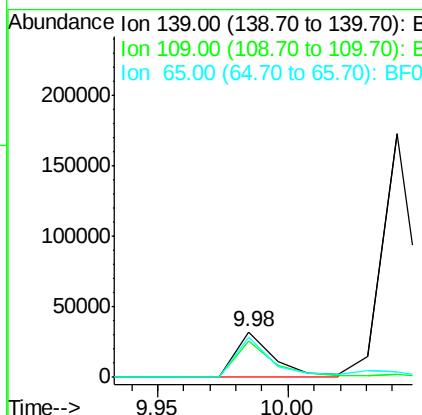
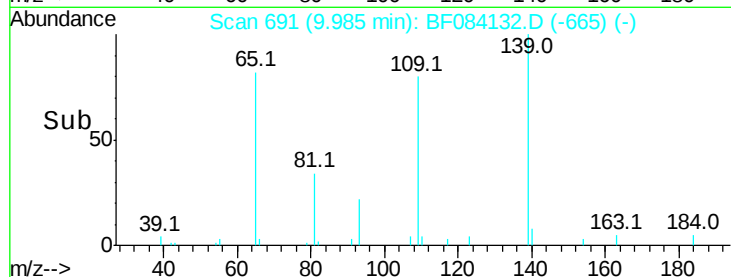
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.4	58.5	98.5	
65	87.6	57.6	97.6	

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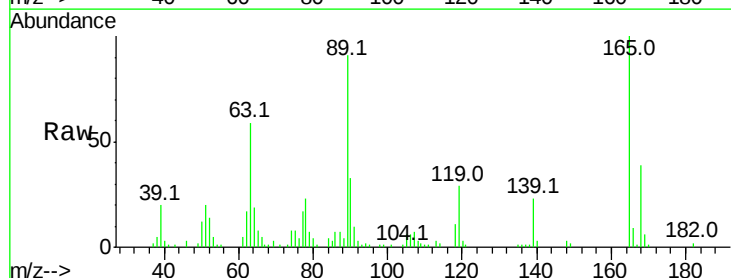


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

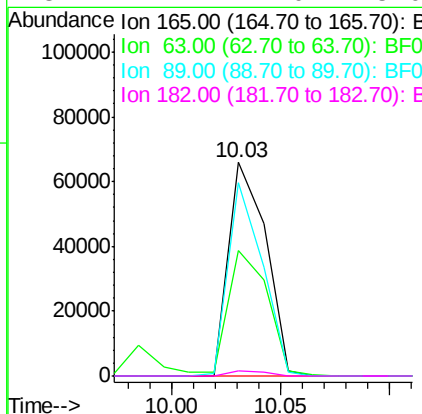
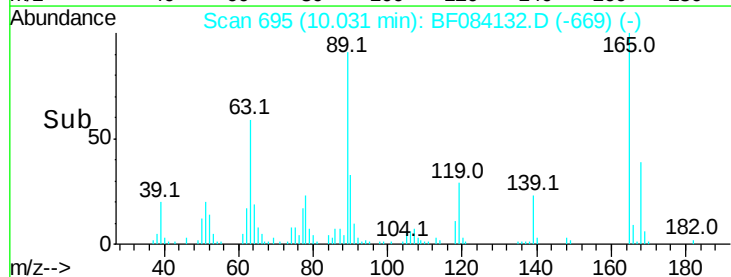


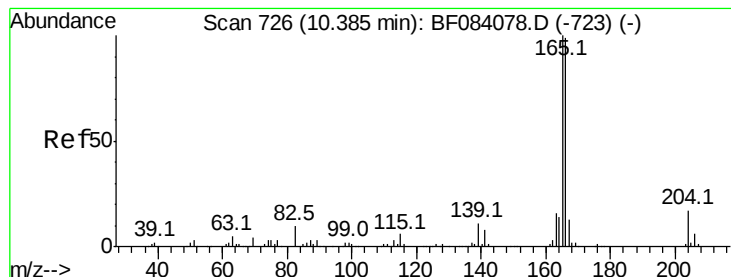
#56
2,4-Dinitrotoluene
Concen: 36.64 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	36.7	55.1#	
89	90.6	61.9	92.9	
182	2.4	2.0	3.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.85 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

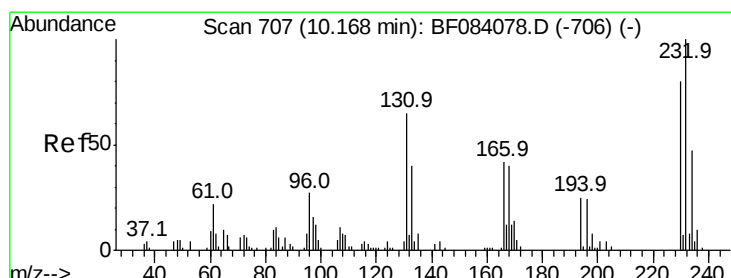
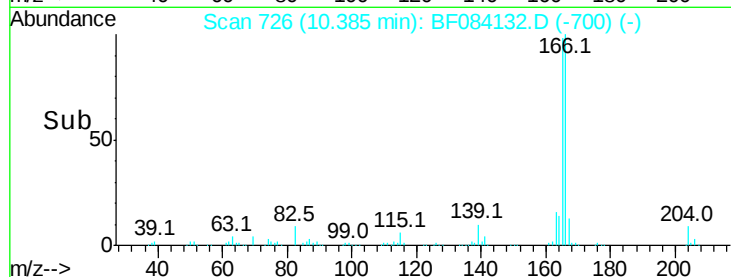
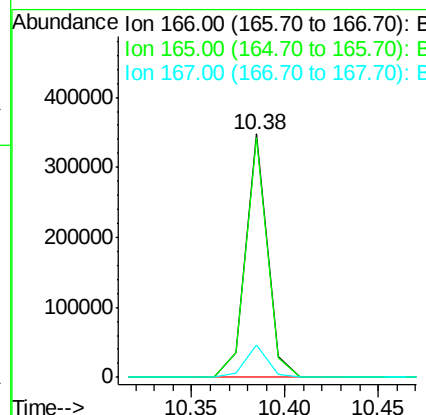
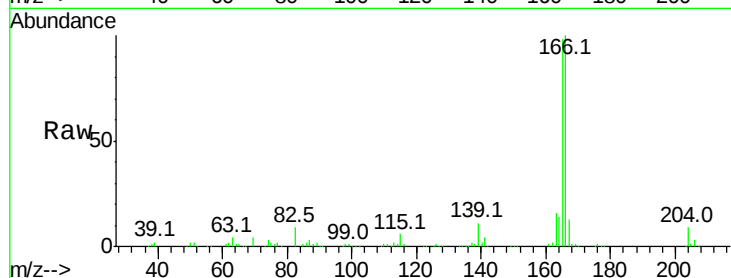
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	282947
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.1	118.7
167	13.4	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.93 ng

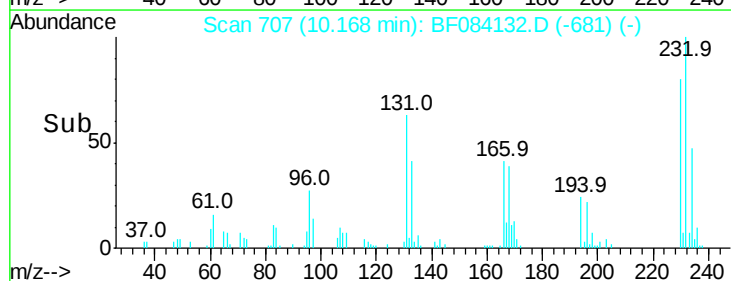
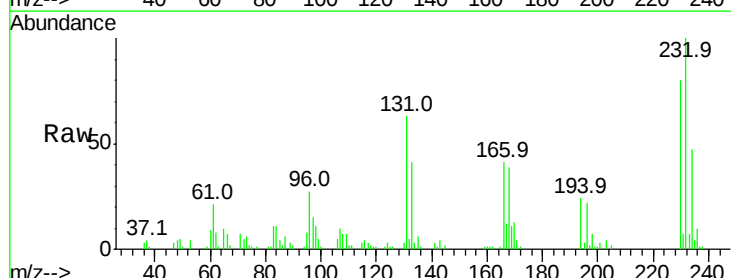
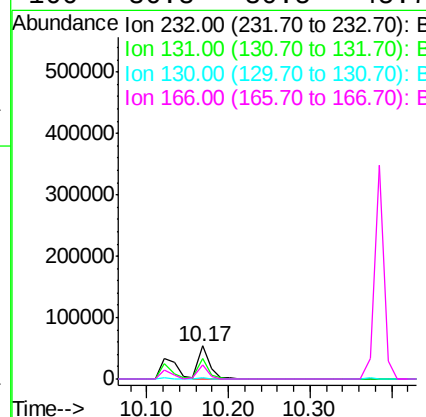
RT: 10.17 min Scan# 707

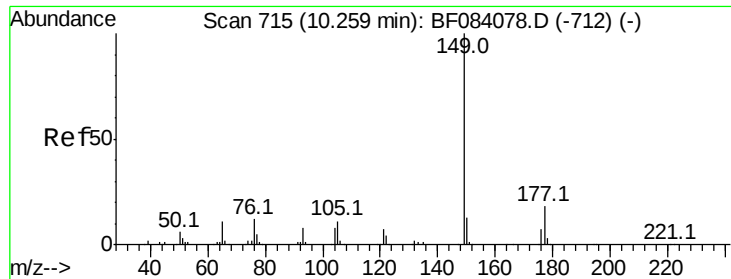
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	232	Resp:	54232
Ion Ratio	Lower	Upper	
232	100		
131	57.3	47.0	70.6
130	2.7	2.0	3.0
166	36.8	30.5	45.7





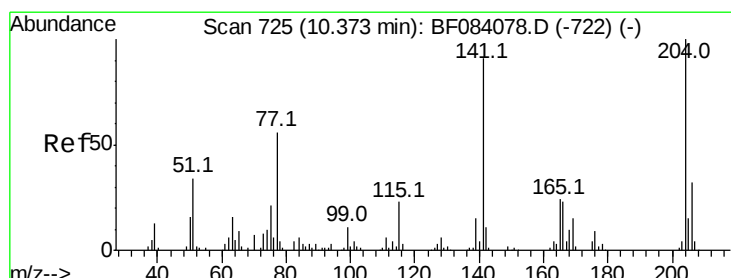
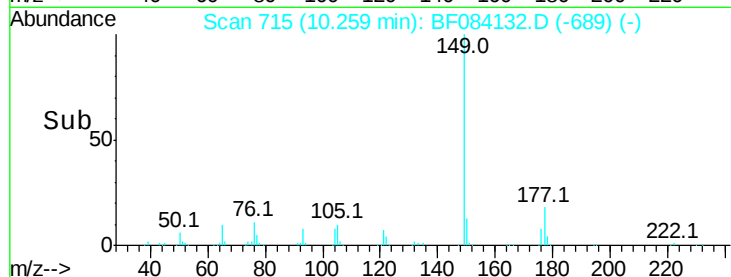
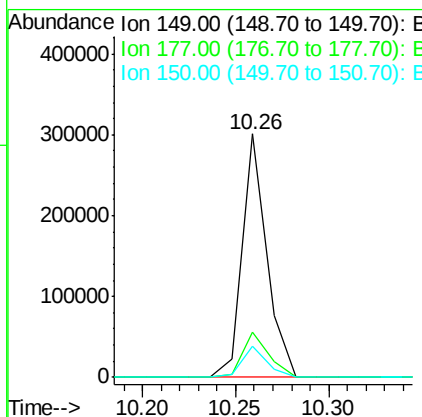
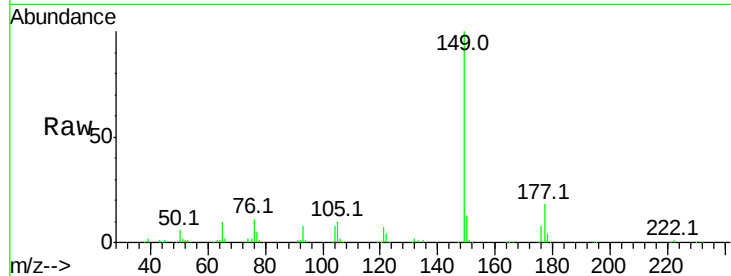
#59
Diethylphthalate
Concen: 35.19 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	274144		
177	18.4	17.3	25.9	
150	12.8	9.8	14.8	

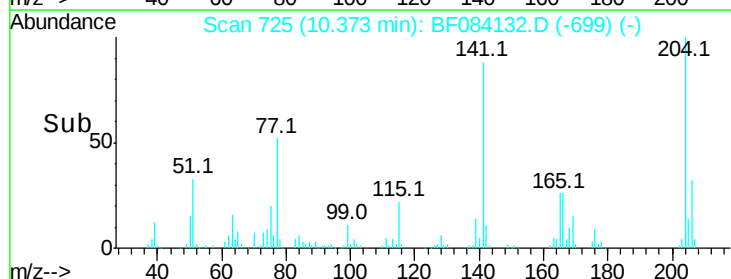
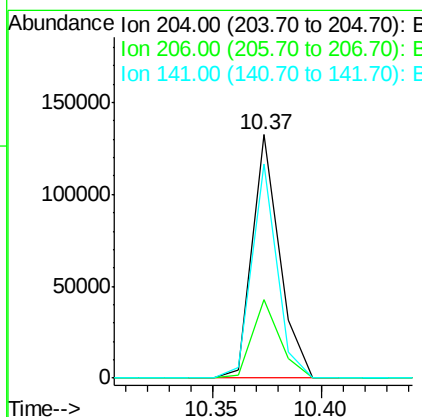
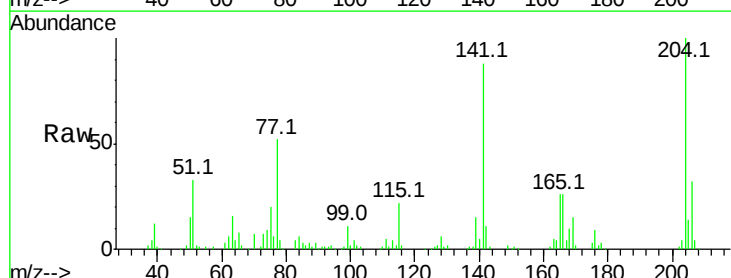
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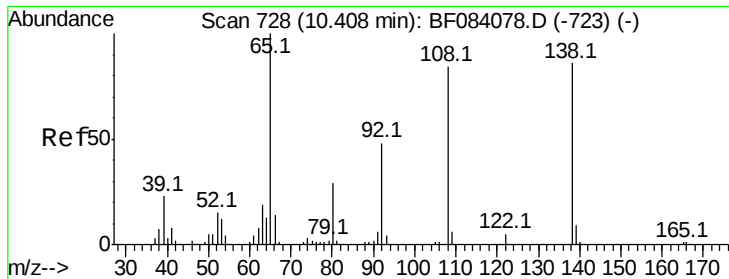
Sohil
12/28/2015 1:10:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.30 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	115586		
206	32.0	25.7	38.5	
141	87.7	55.1	82.7	





#61

4-Nitroaniline

Concen: 40.11 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 64762

Ion Ratio Lower Upper

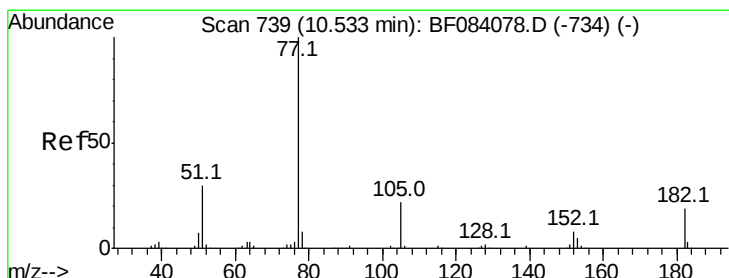
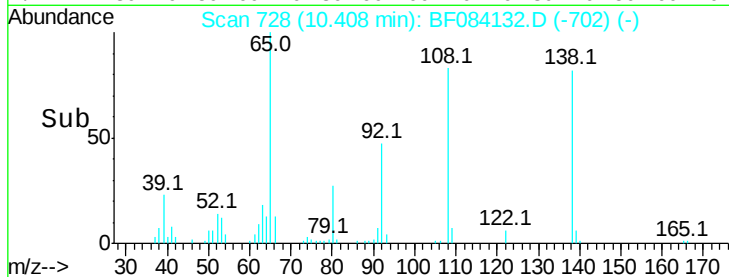
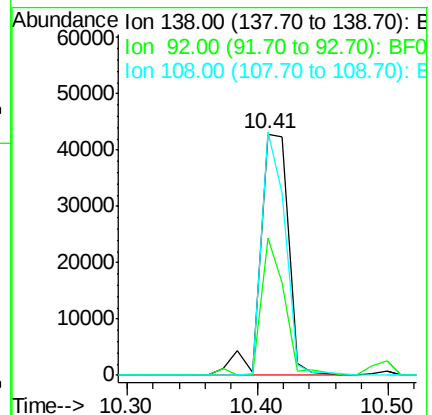
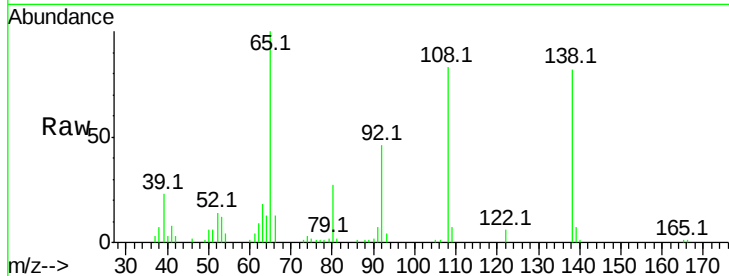
138 100

92 56.8 32.6 72.6

108 100.9 68.6 108.6

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#62

Azobenzene

Concen: 38.67 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion: 77 Resp: 248230

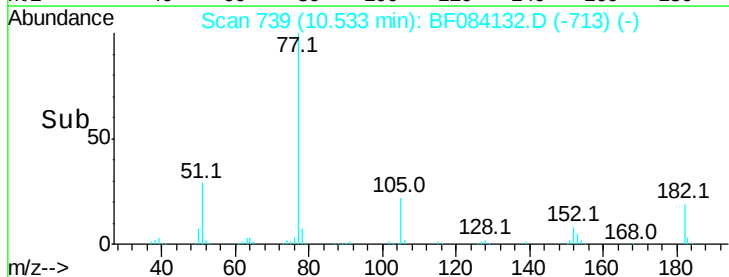
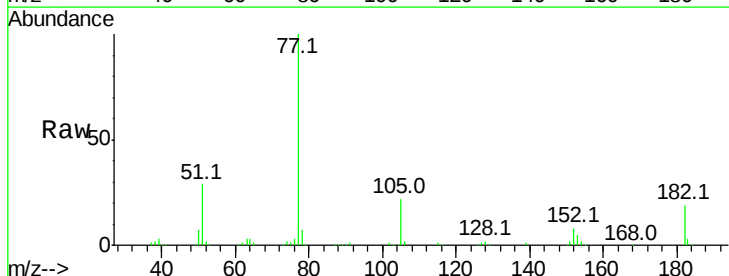
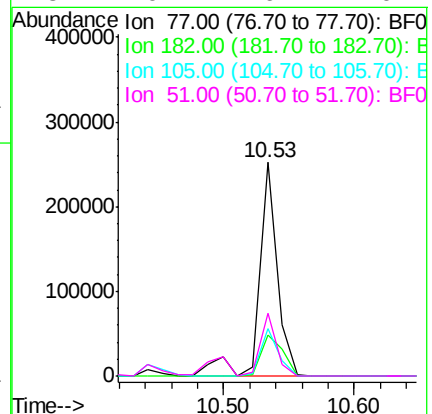
Ion Ratio Lower Upper

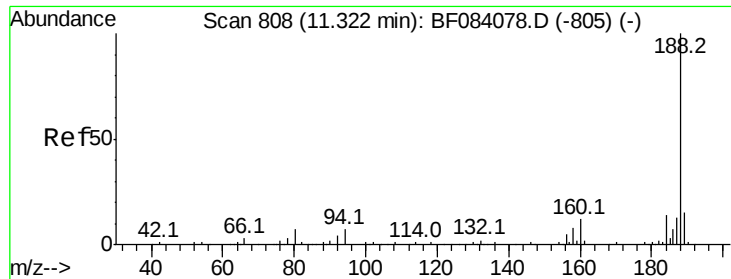
77 100

182 19.1 8.3 48.3

105 22.5 4.6 44.6

51 29.2 6.2 46.2





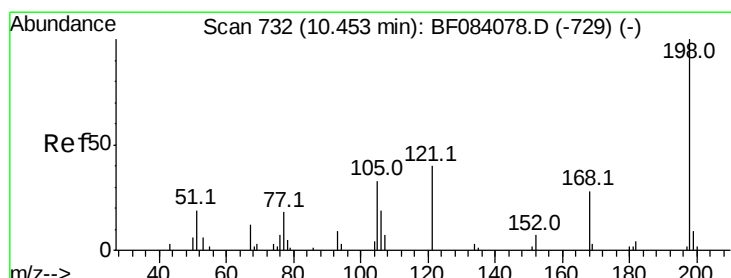
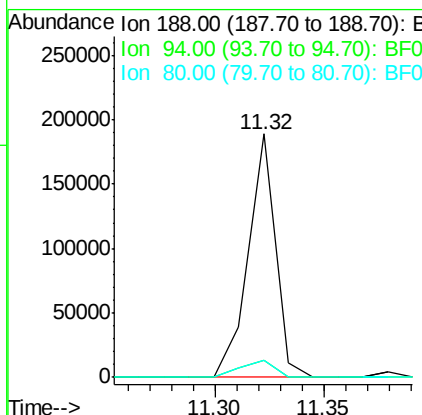
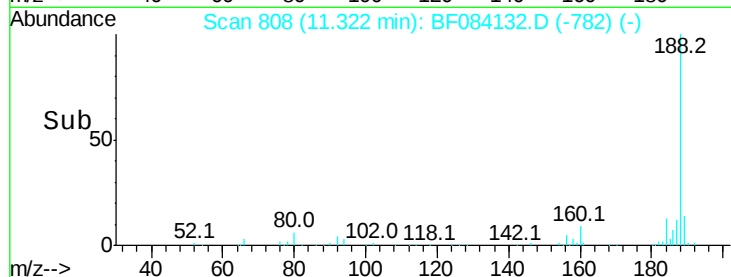
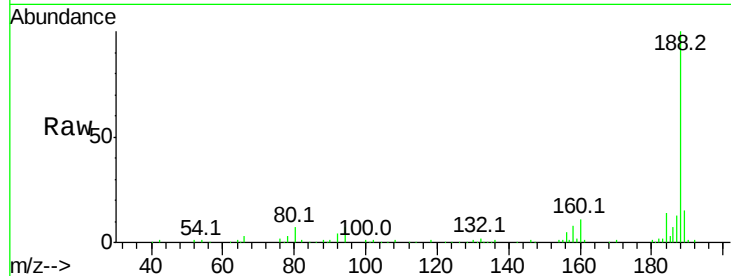
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	9.0	13.4#
80	7.0	9.6	14.4#

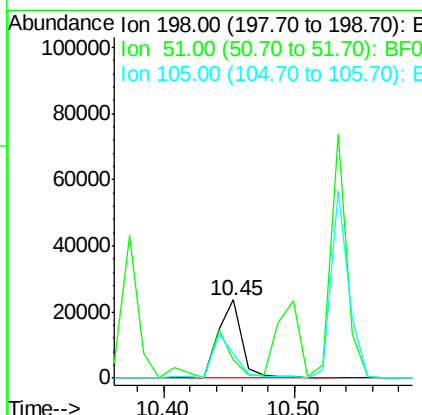
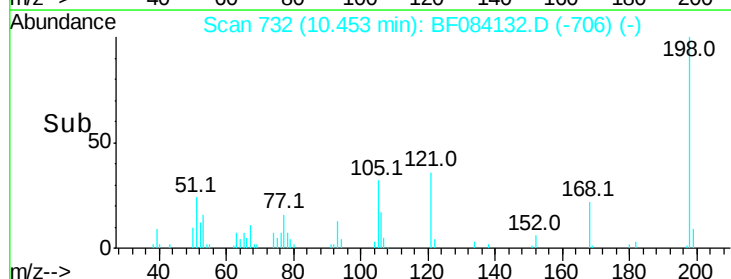
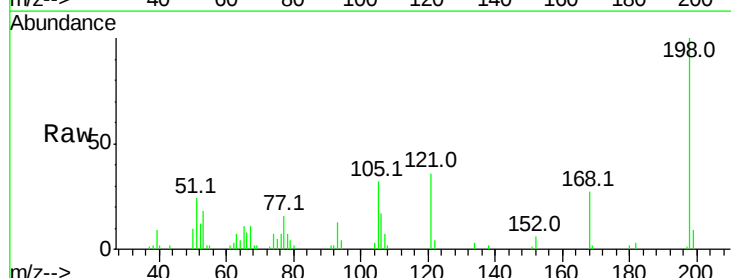
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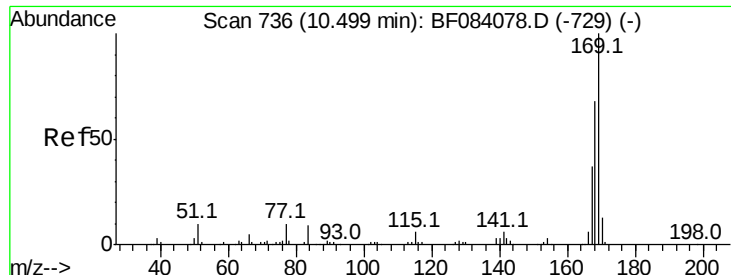
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.90 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.7	18.9	58.9
105	32.1	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 42.57 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

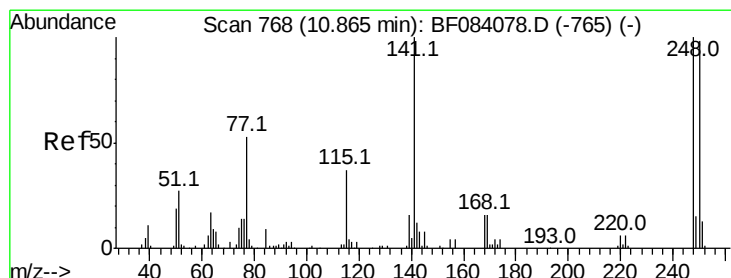
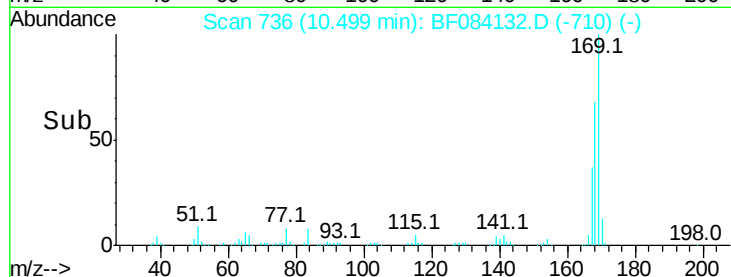
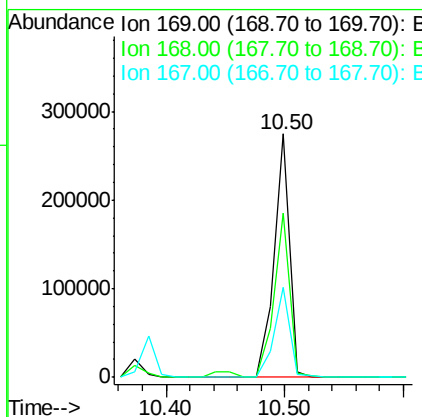
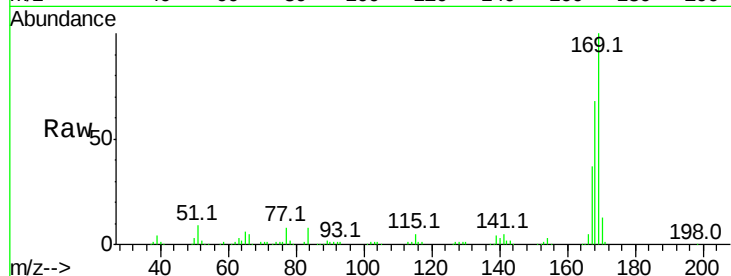
ClientSampleId :

SSTDCCC040EC

Tot Ion:	169	Resp:	248881
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.1	82.7
167	36.8	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.12 ng

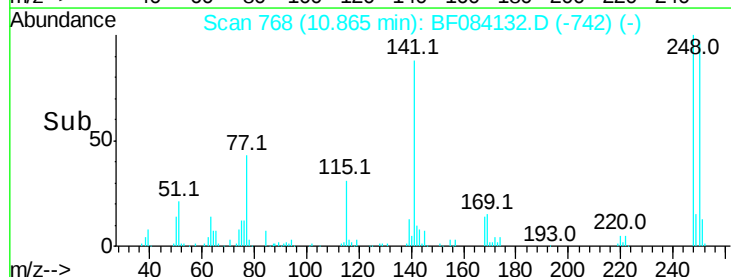
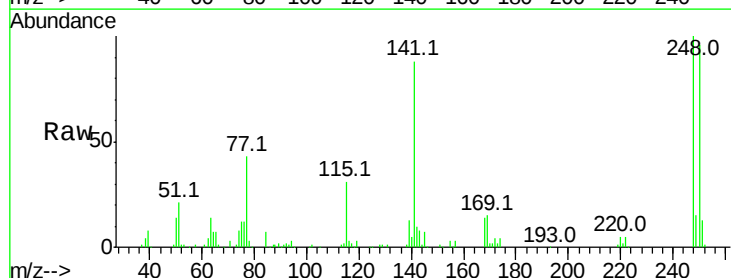
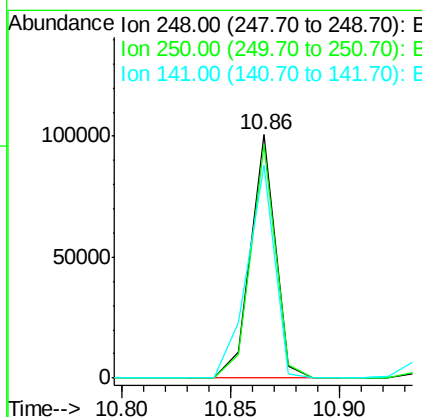
RT: 10.86 min Scan# 768

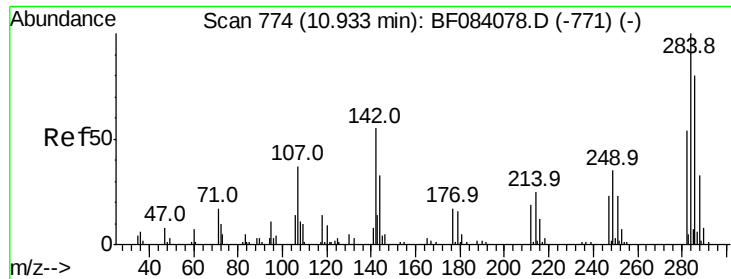
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	248	Resp:	80034
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.4	117.6
141	87.7	44.0	66.0#





#67

Hexachlorobenzene

Concen: 38.95 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:284 Resp: 81037

Ion Ratio Lower Upper

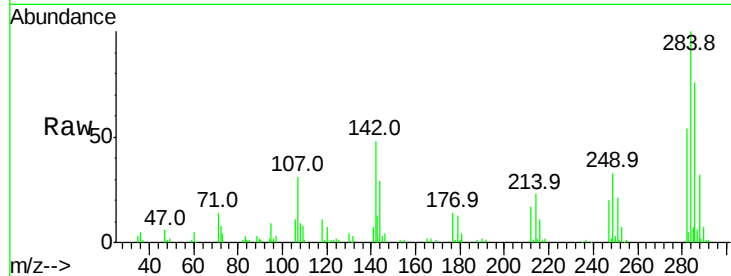
284 100

142 47.6 22.2 33.4#

249 33.1 24.6 37.0

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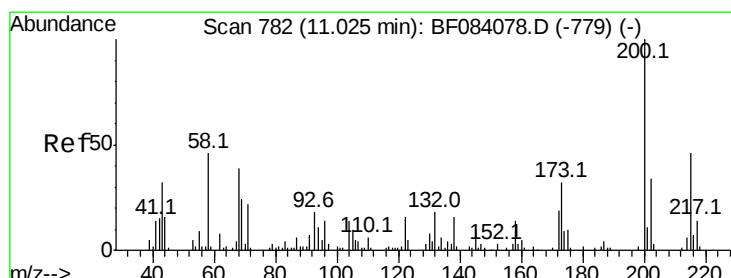
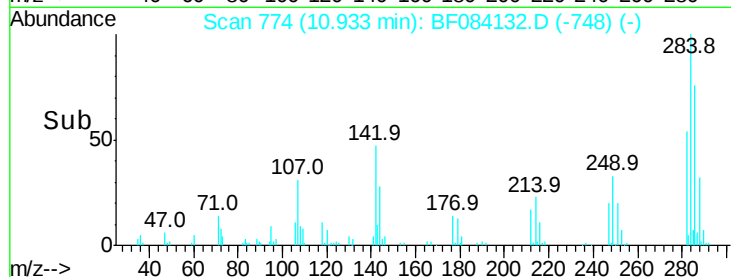
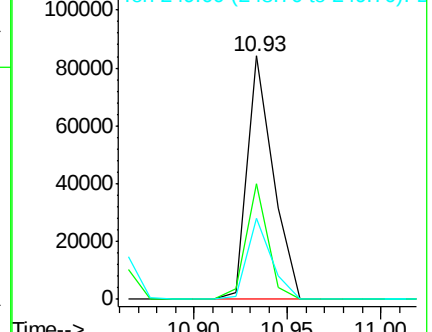
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.66 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

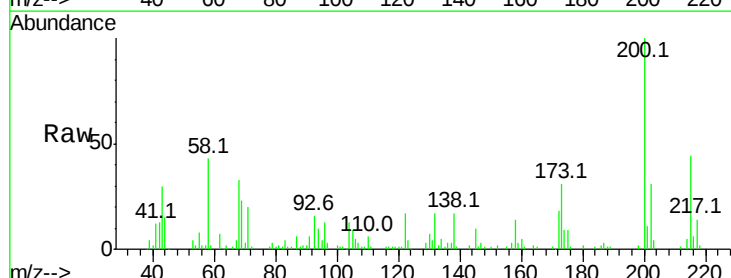
Tgt Ion:200 Resp: 66326

Ion Ratio Lower Upper

200 100

173 31.2 9.5 49.5

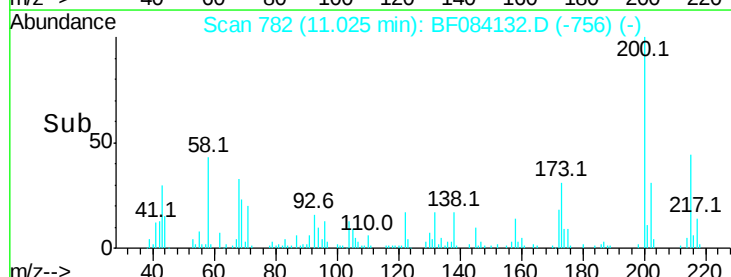
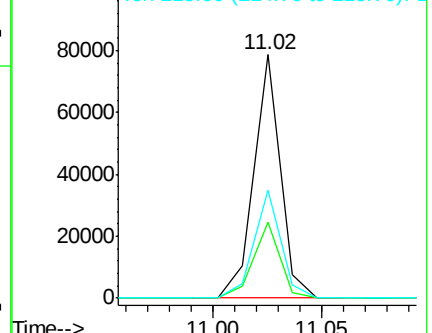
215 44.1 23.8 63.8

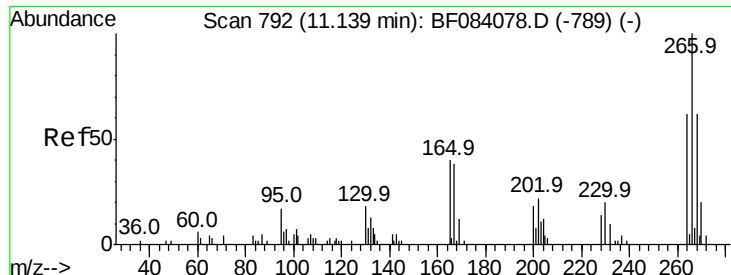


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





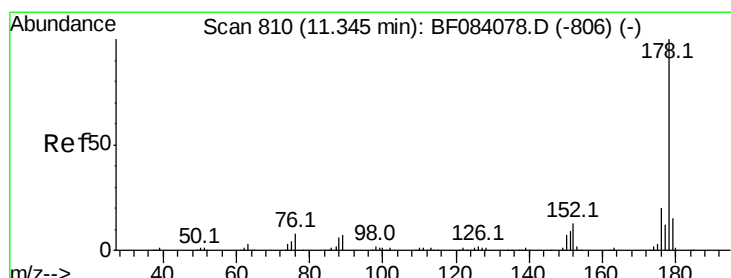
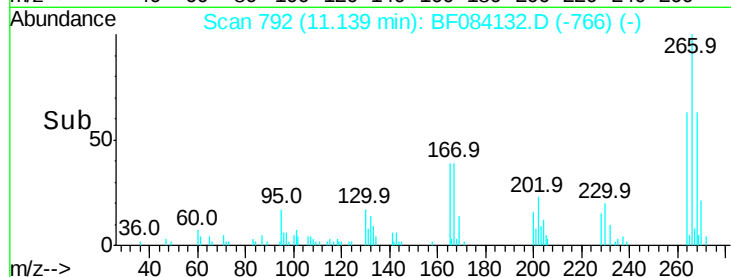
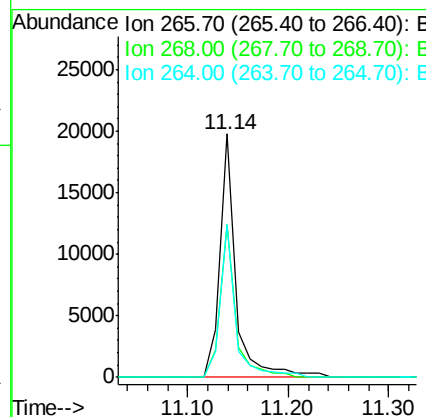
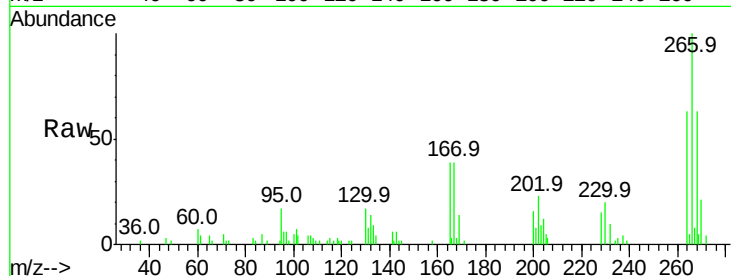
#69
 Pentachlorophenol
 Concen: 36.76 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	21986		
268	62.8		52.4	78.6
264	62.8		50.2	75.2

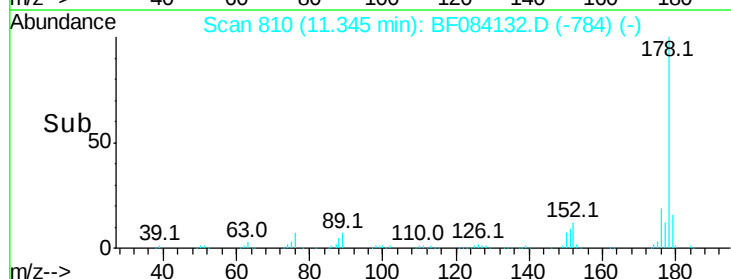
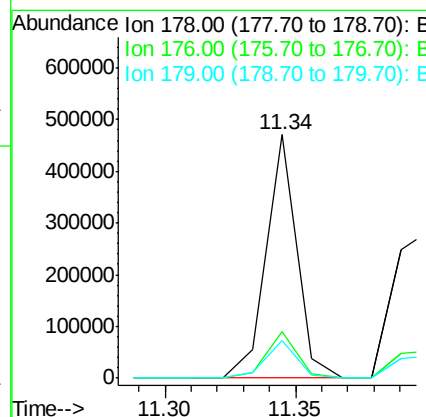
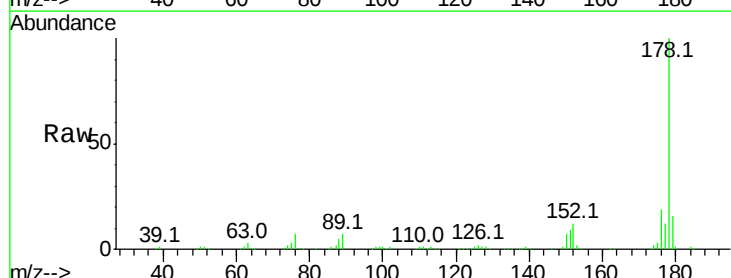
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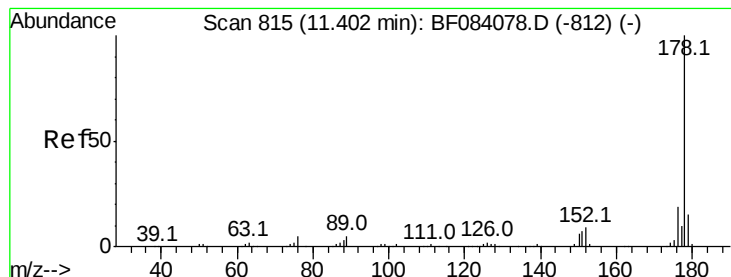
Sohil
 12/28/2015 1:10:41 PM



#70
 Phenanthrene
 Concen: 39.97 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	388614		
176	19.0		15.3	22.9
179	15.6		12.0	18.0





#71

Anthracene

Concen: 37.21 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

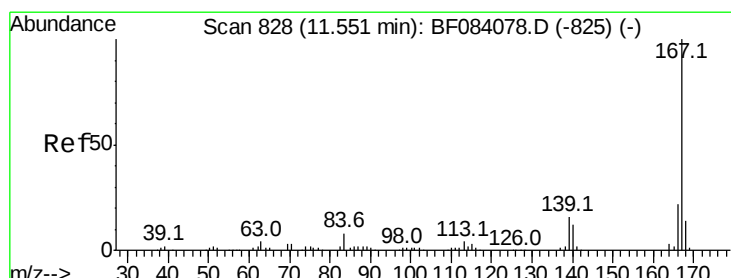
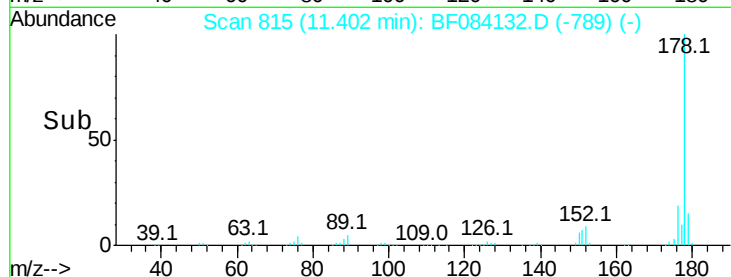
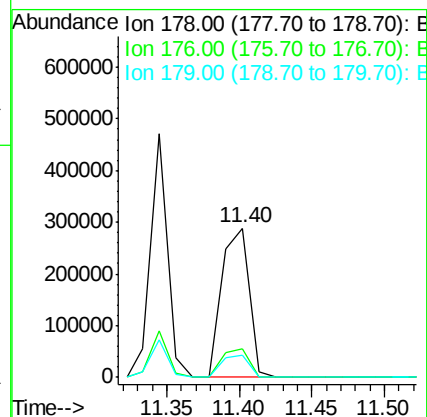
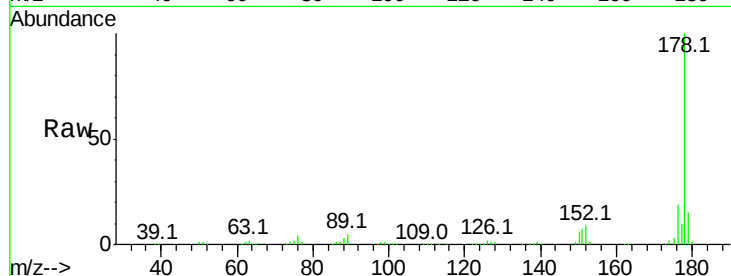
ClientSampleId :

SSTDCCC040EC

Tot Ion:	178	Resp:	378326
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.4	23.0
179	15.3	12.5	18.7

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#72

Carbazole

Concen: 37.99 ng

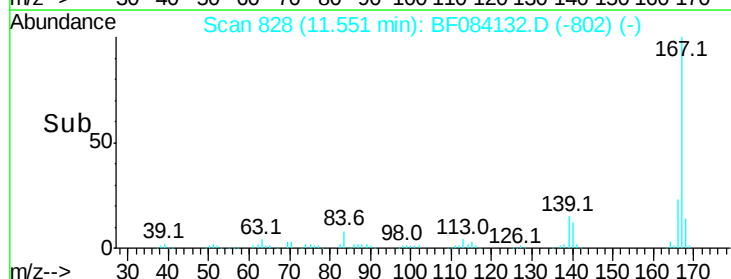
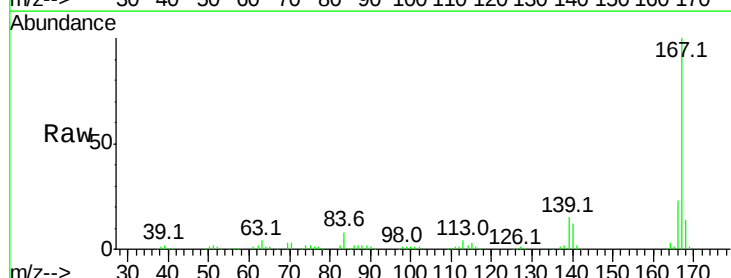
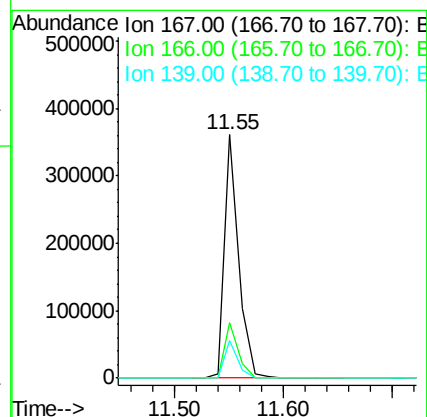
RT: 11.55 min Scan# 828

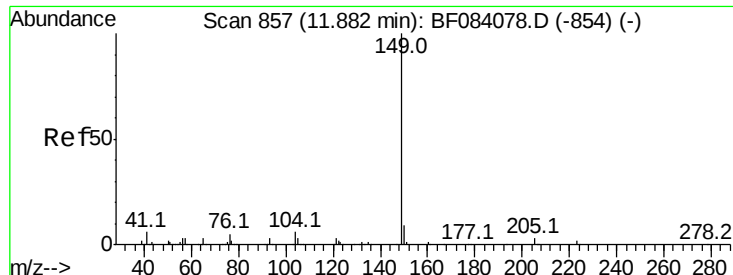
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	167	Resp:	328579
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.6	26.4
139	15.2	11.8	17.8





#73

Di-n-butylphthalate

Concen: 39.03 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

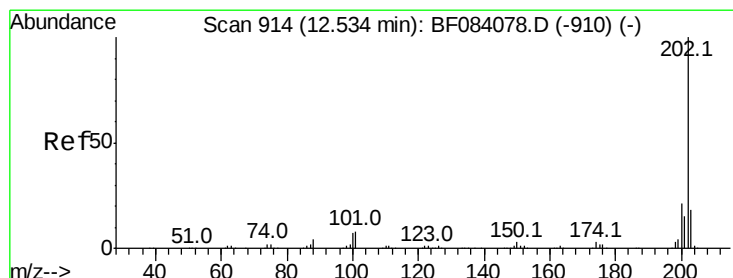
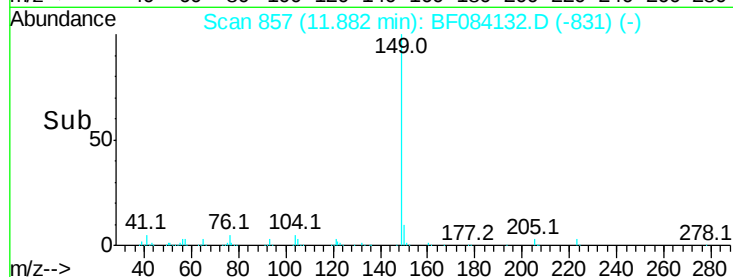
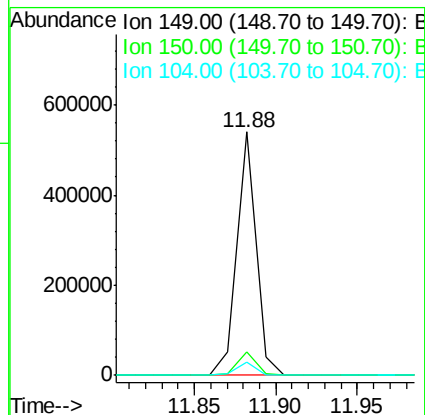
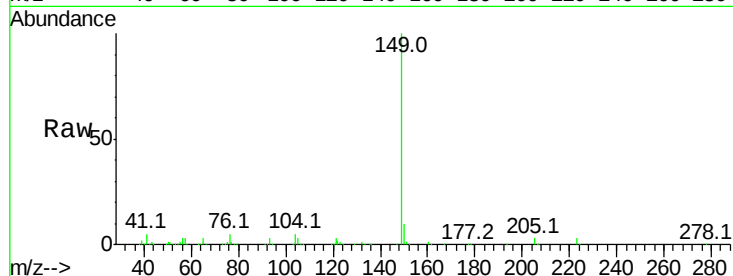
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	149	Resp:	434889
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.3	3.2	4.8#



#74

Fluoranthene

Concen: 36.13 ng

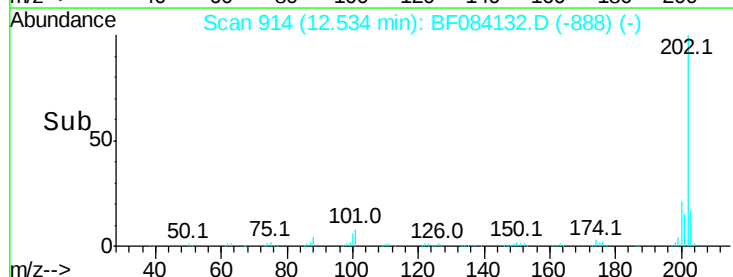
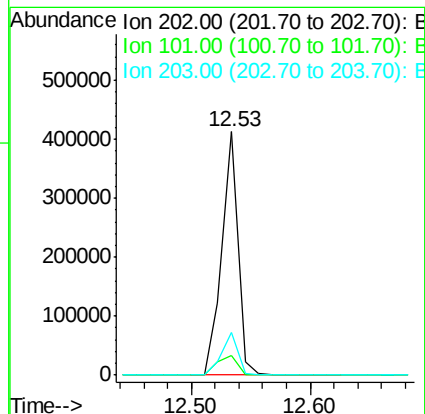
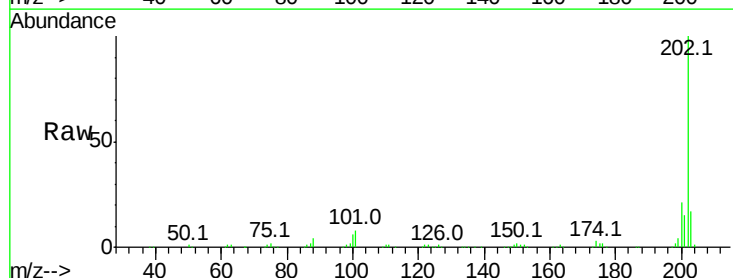
RT: 12.53 min Scan# 914

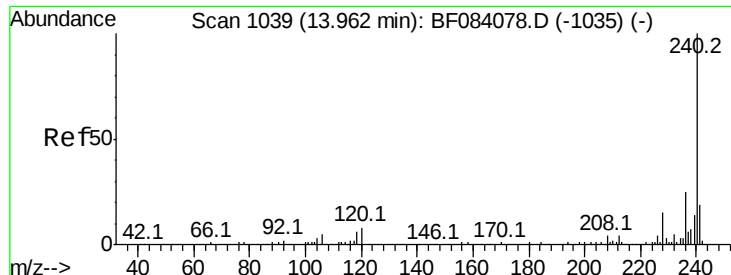
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion:	202	Resp:	384768
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	32.8
203	17.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

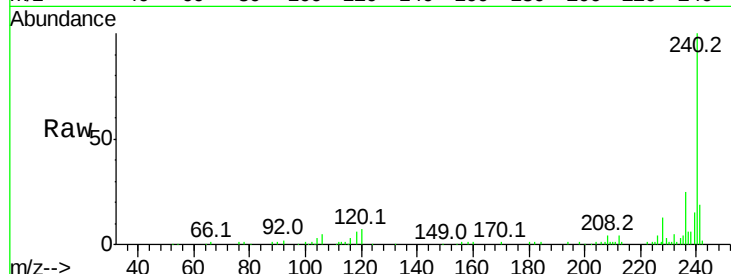
ClientSampleId :

SSTDCCC040EC

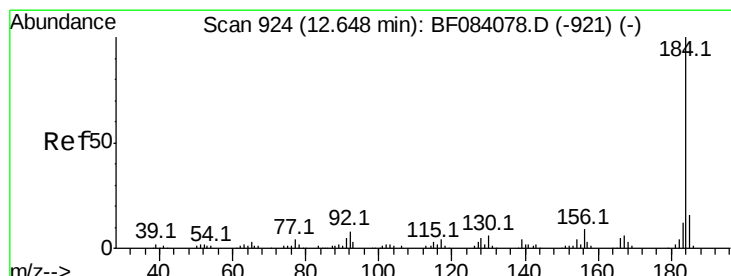
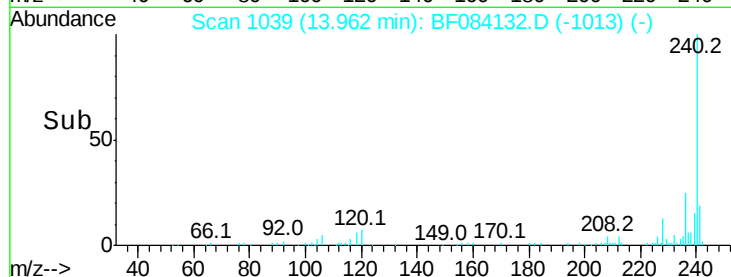
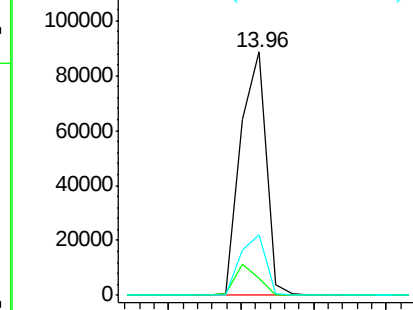
Tot Ion:	240	Resp:	108465
Ion Ratio	Lower	Upper	
240	100		
120	6.8	9.5	14.3#
236	25.1	20.6	31.0

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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: 41.55 ng

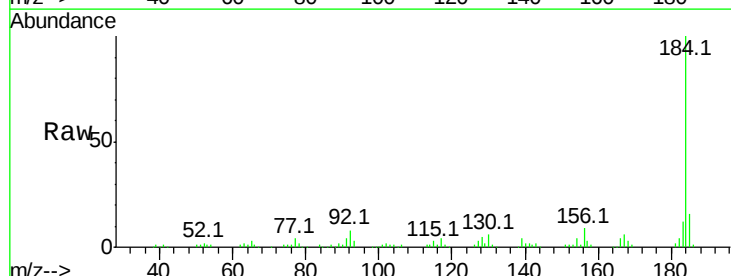
RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

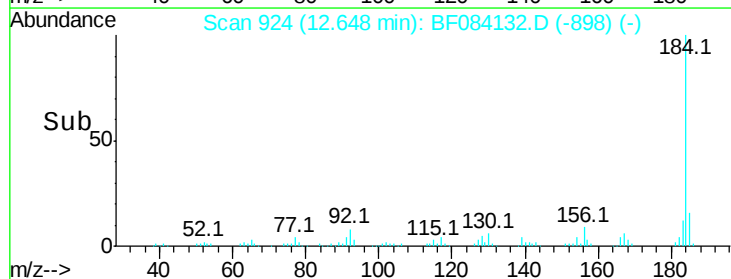
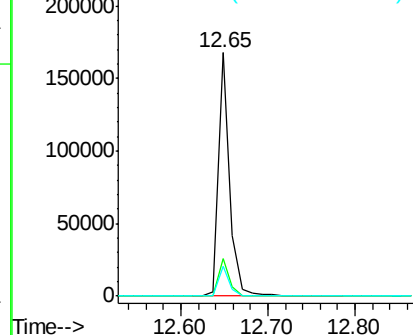
Lab File: BF084132.D

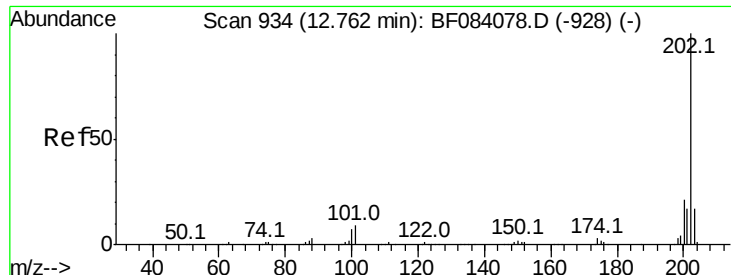
Acq: 25 Dec 2015 16:24

Tgt Ion:	184	Resp:	153184
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	12.3	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





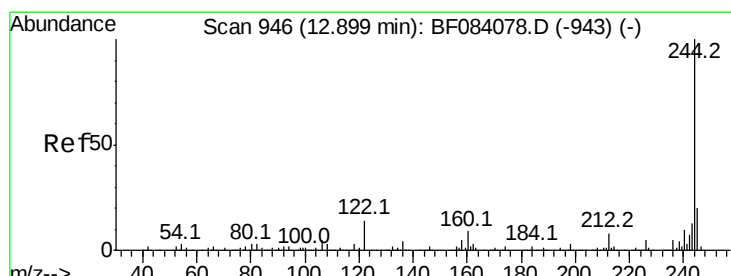
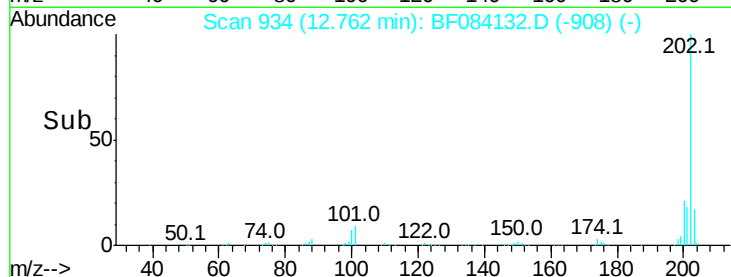
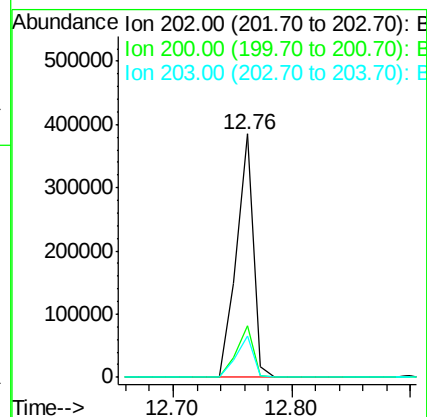
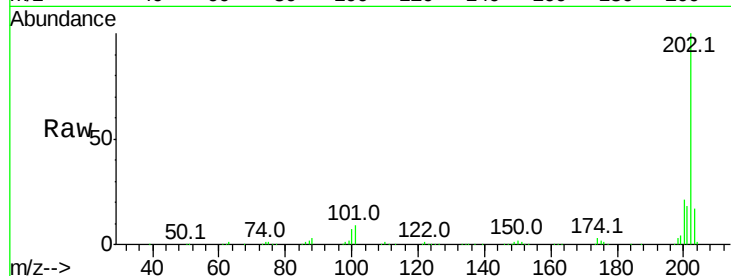
#77
Pvrene
Concen: 40.68 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.1	14.3	21.5

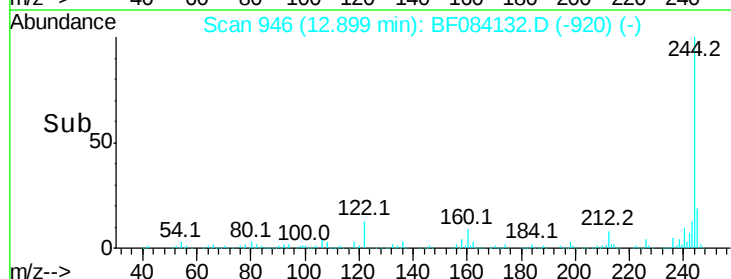
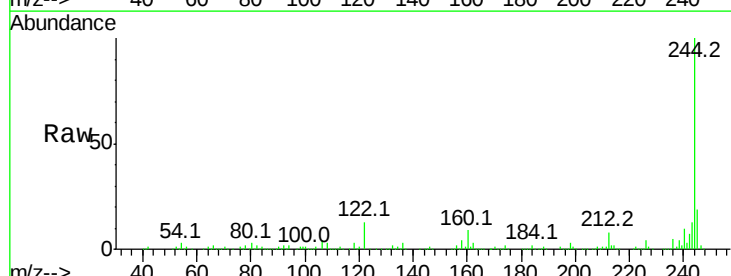
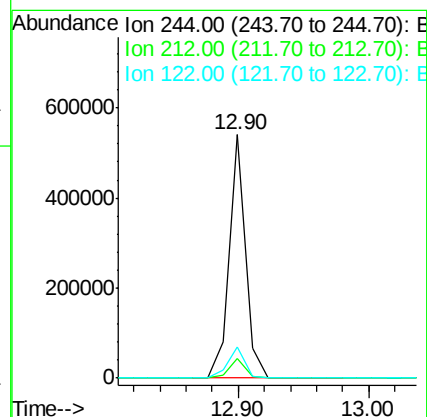
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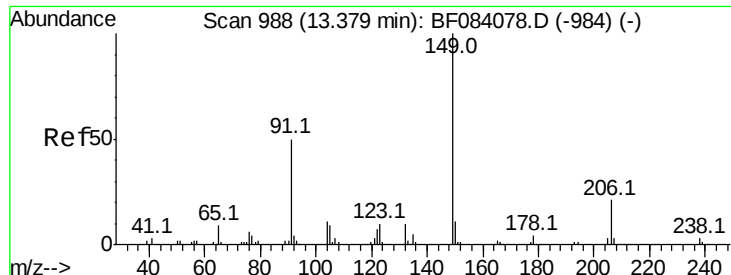
Sohil
12/28/2015 1:10:41 PM



#78
Terphenyl-d14
Concen: 78.92 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	12.7	7.4	11.0#





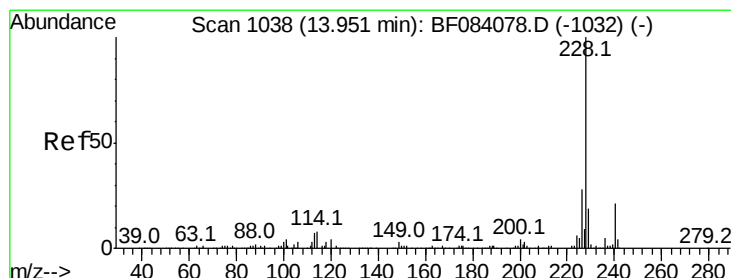
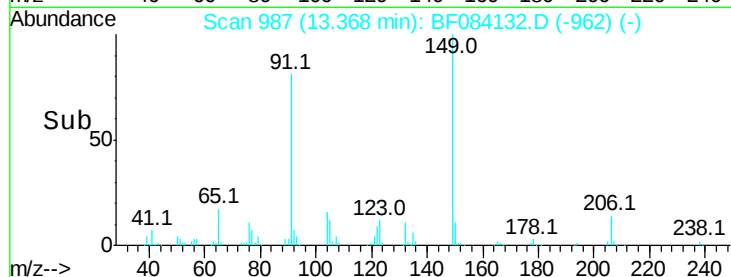
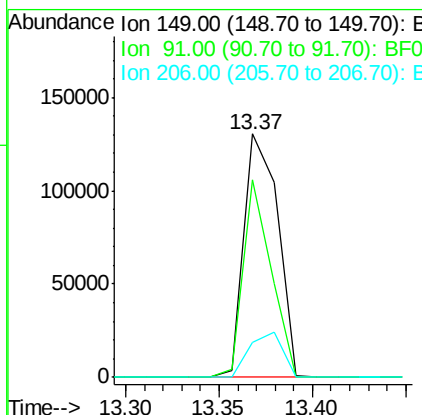
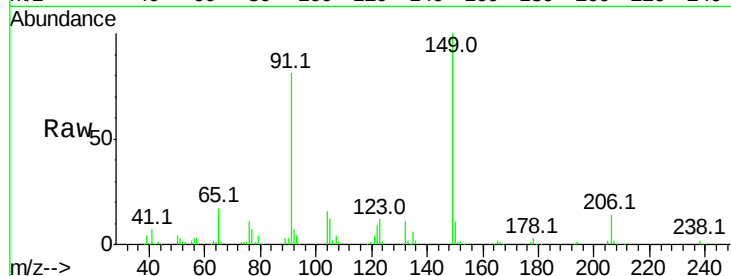
#79
Butylbenzylphthalate
Concen: 42.35 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	164061		
91	81.0	57.6	86.4	
206	14.4	13.2	19.8	

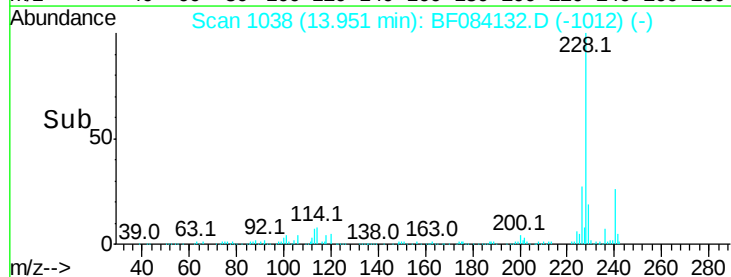
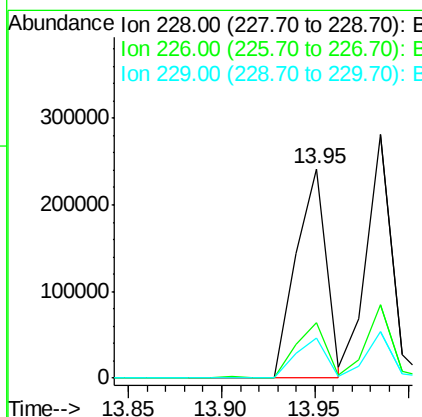
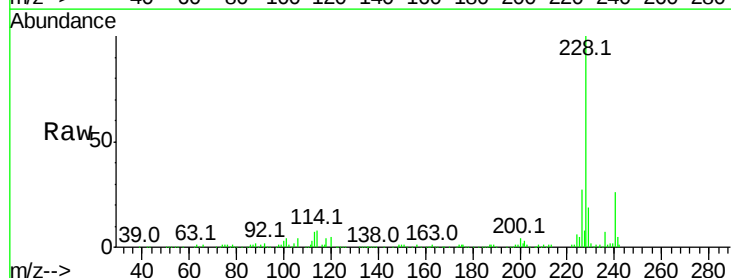
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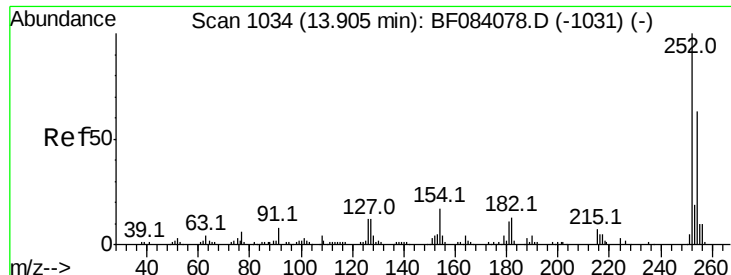
Sohil
12/28/2015 1:10:41 PM



#80
Benzo(a)anthracene
Concen: 40.88 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	272728		
226	26.6	21.8	32.6	
229	19.2	15.8	23.8	





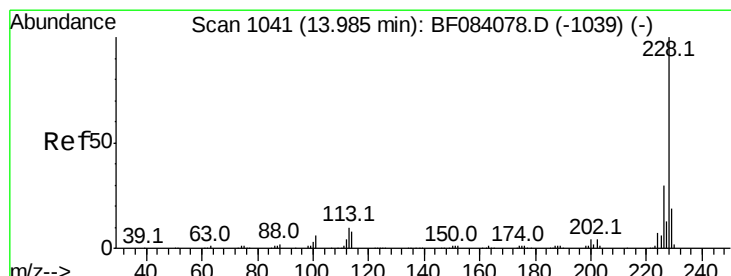
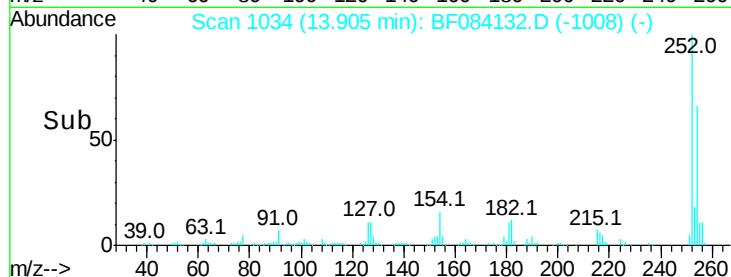
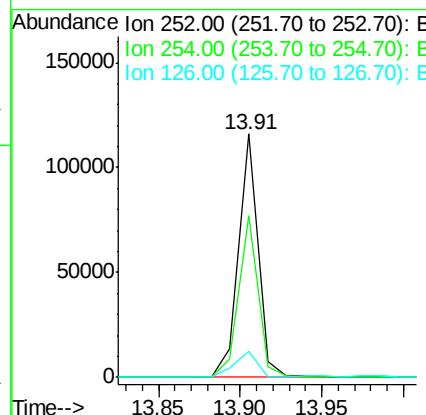
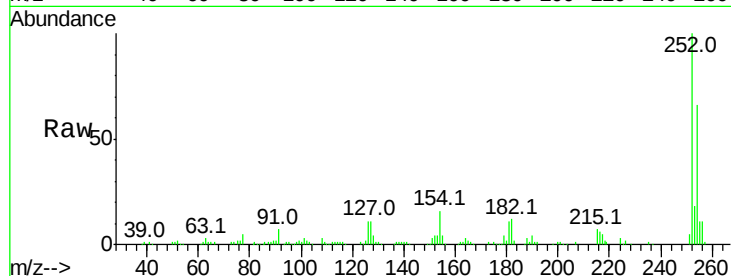
#81
 3,3'-Dichlorobenzidine
 Concen: 47.15 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.5	80.3
126	10.6	4.9	7.3

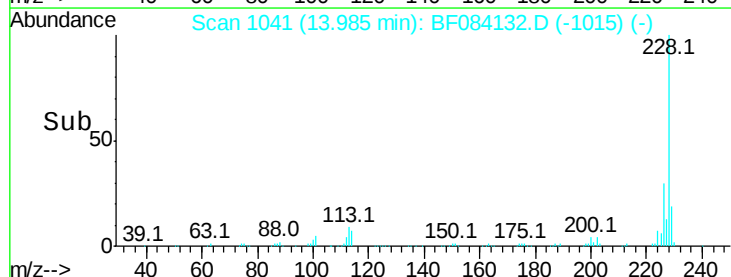
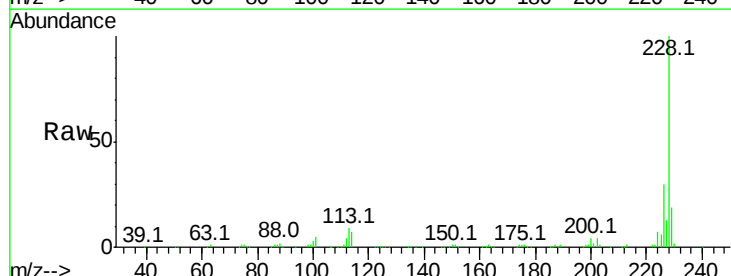
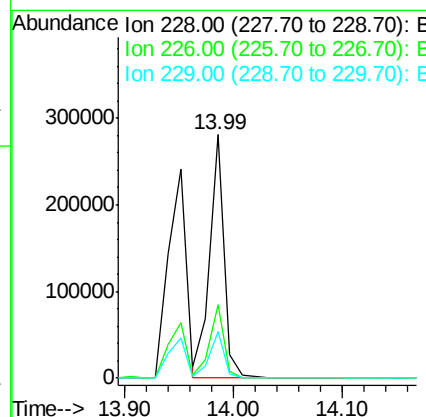
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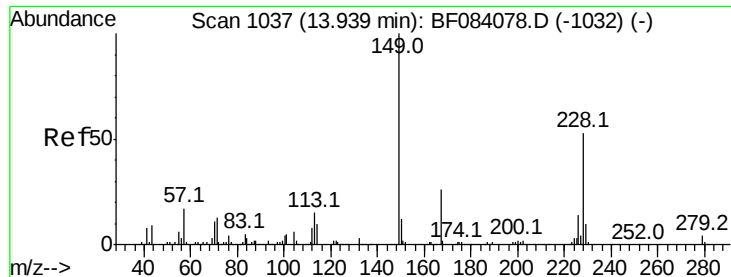
Sohil
 12/28/2015 1:10:41 PM



#82
 Chrysene
 Concen: 42.97 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.92 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 214820

Ion Ratio Lower Upper

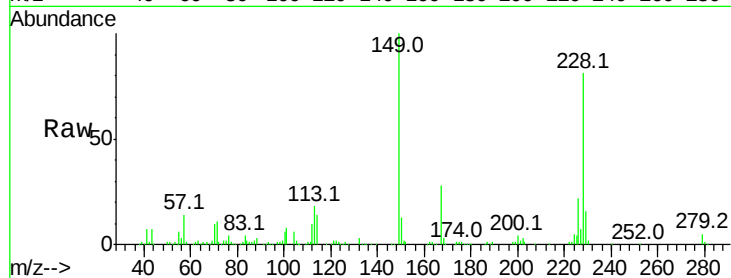
149 100

167 27.6 19.7 29.5

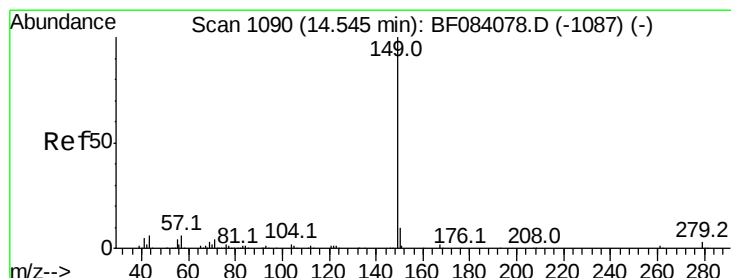
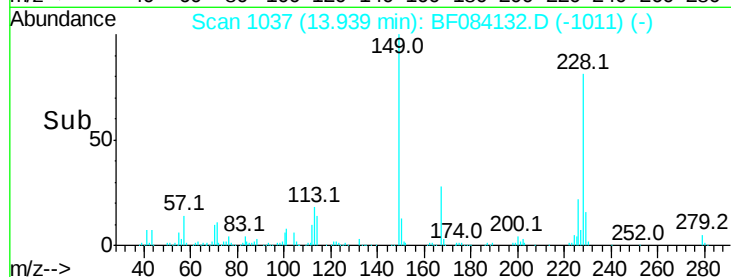
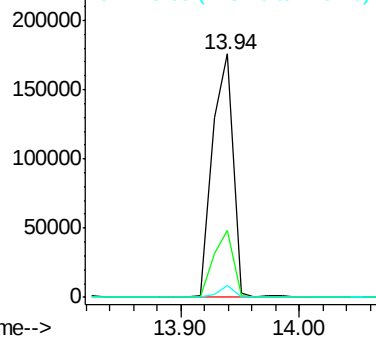
279 4.7 1.8 2.6#

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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: 45.63 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

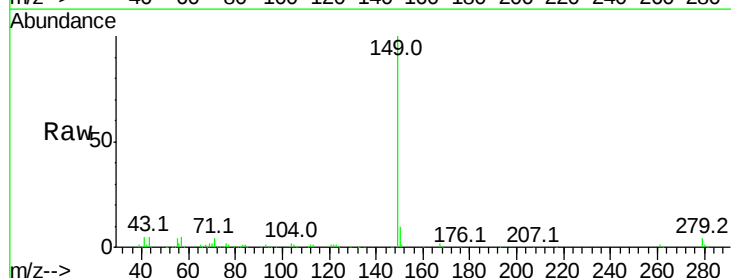
Tgt Ion:149 Resp: 321346

Ion Ratio Lower Upper

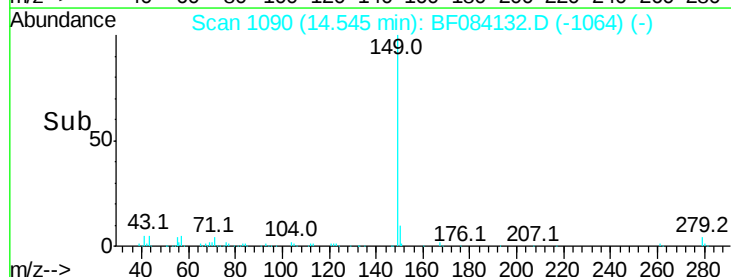
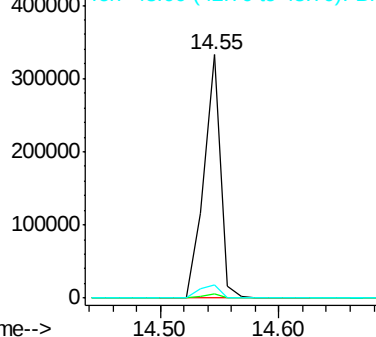
149 100

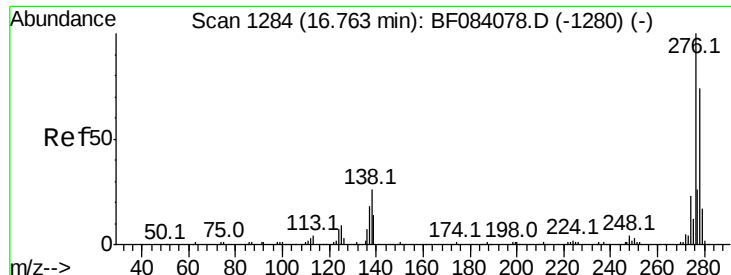
167 1.5 1.2 1.8

43 7.1 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





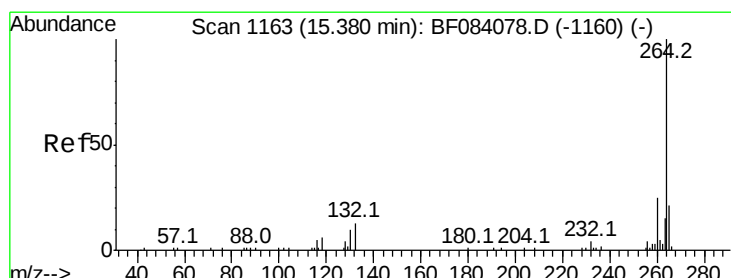
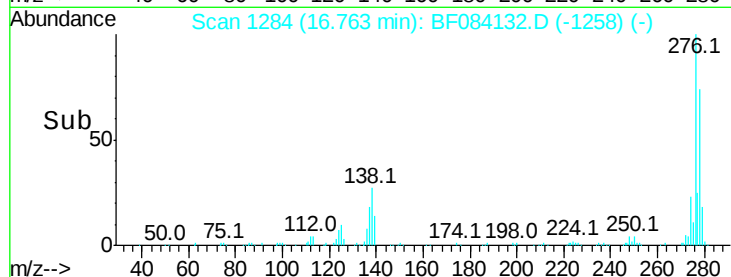
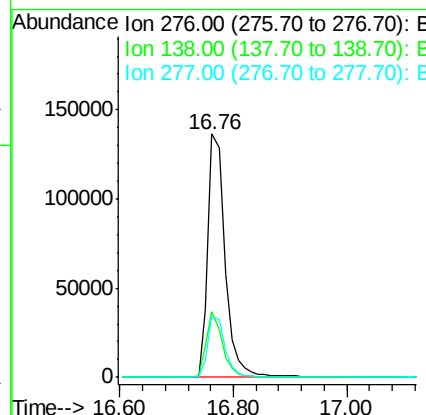
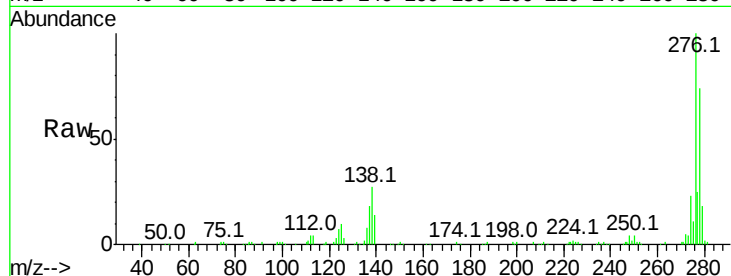
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.71 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	25.2	20.1	30.1

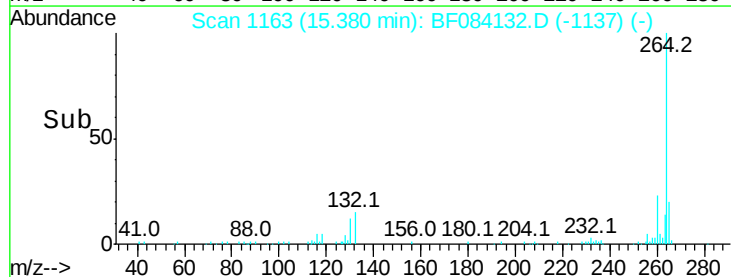
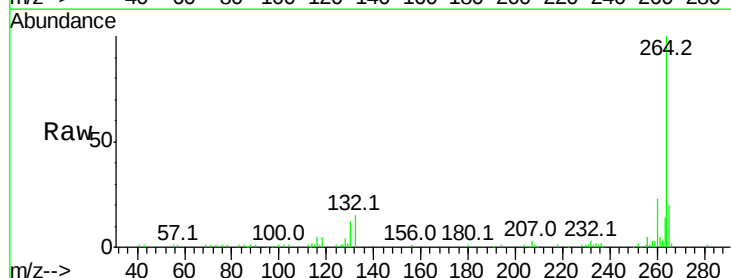
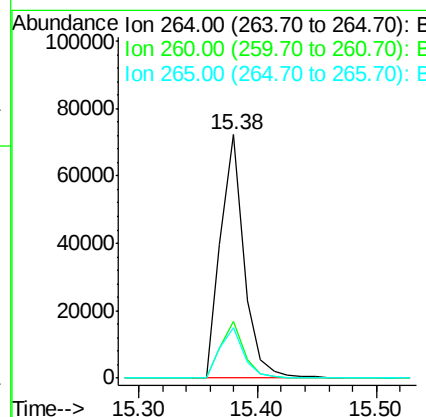
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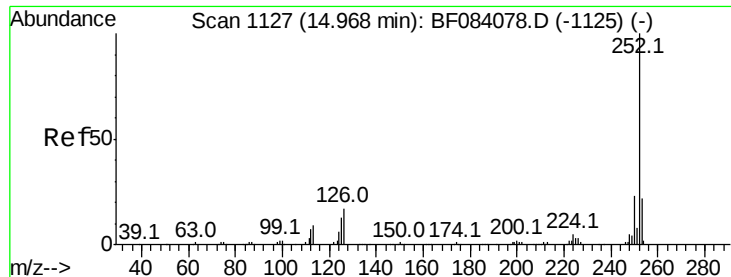
Sohil
12/28/2015 1:10:41 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 39.09 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Instrument :

BNA_F

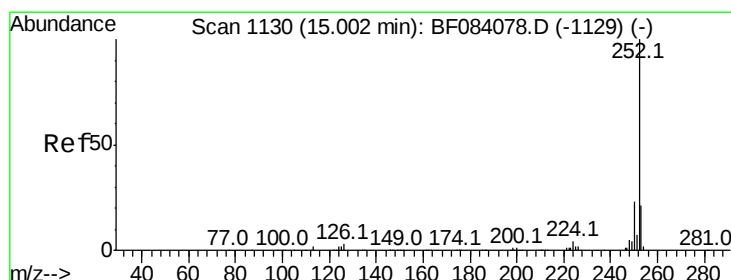
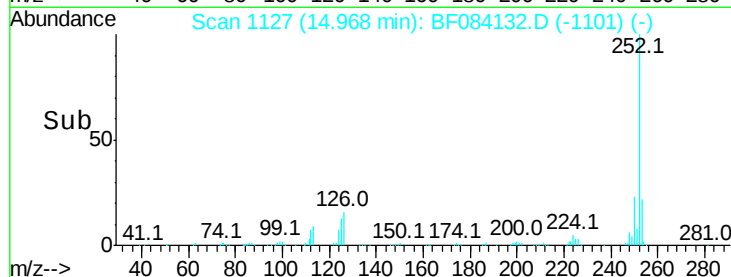
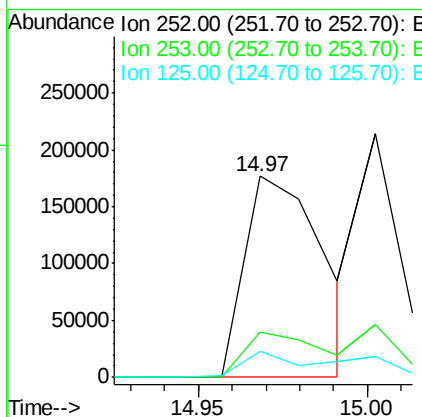
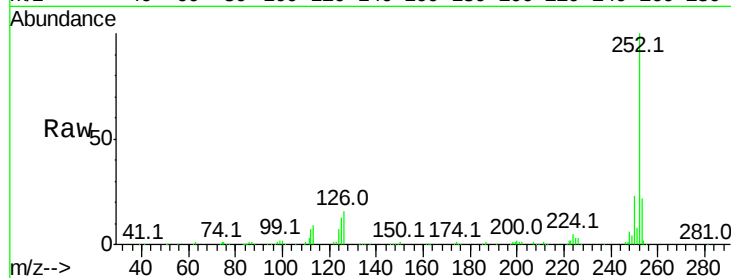
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.2	6.5	9.7#

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12/28/2015 1:10:41 PM



#88

Benzo(k)fluoranthene

Concen: 38.73 ng m

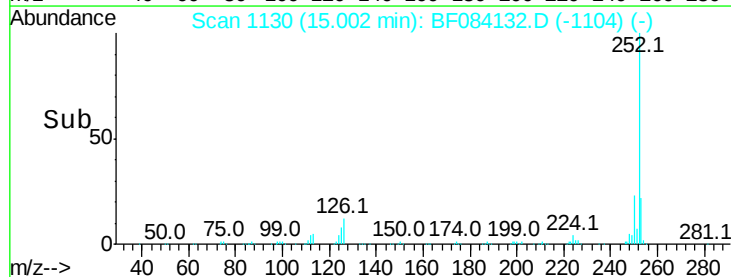
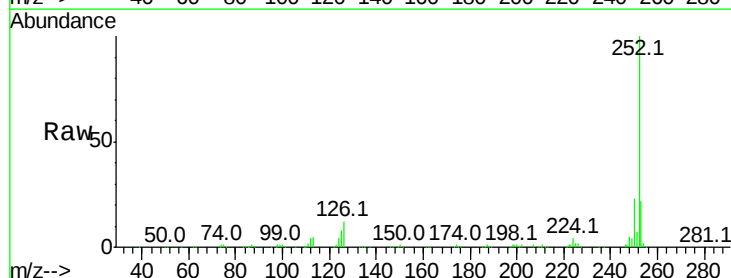
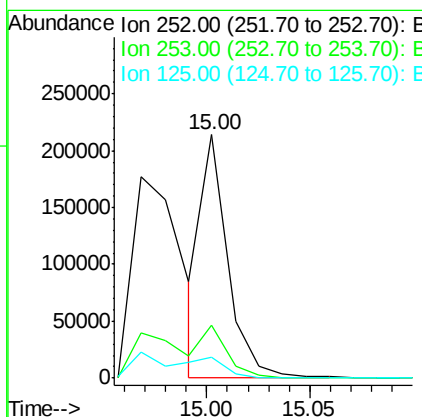
RT: 15.00 min Scan# 1130

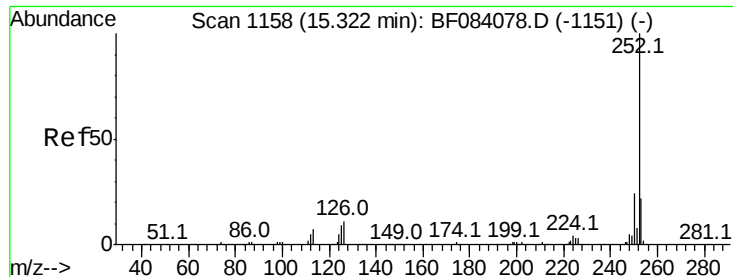
Delta R.T. 0.00 min

Lab File: BF084132.D

Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.5	9.0	13.6#





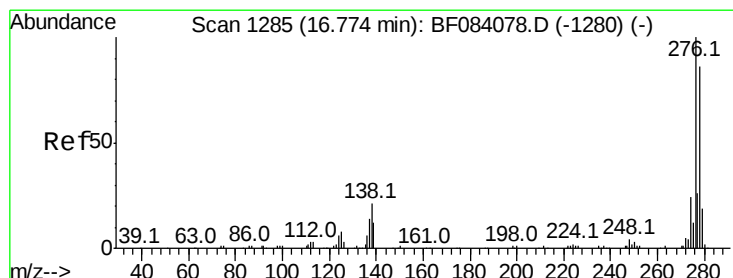
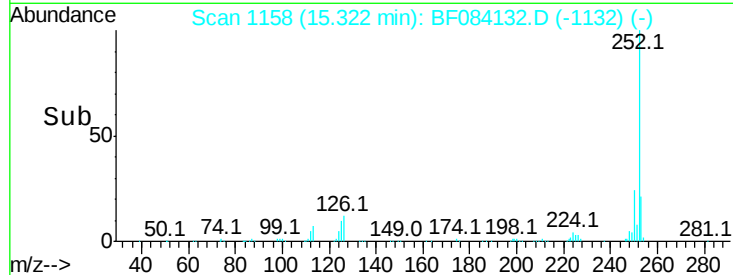
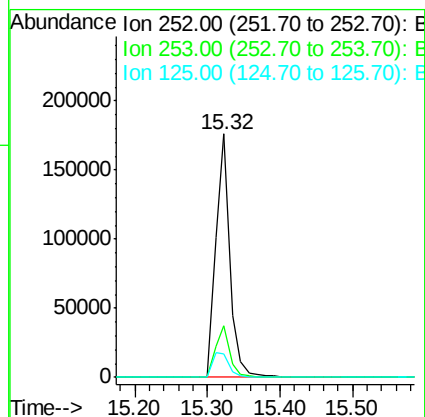
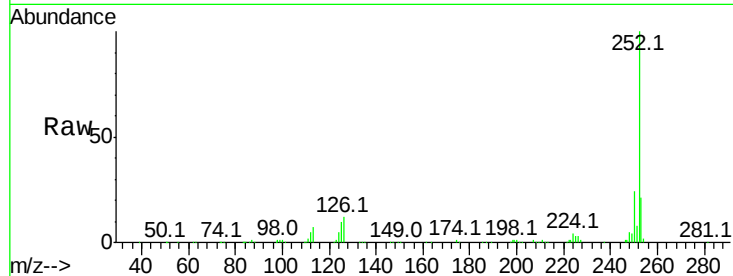
#89
Benzo(a)pyrene
Concen: 38.91 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.3	25.9
125	9.5	7.0	10.4

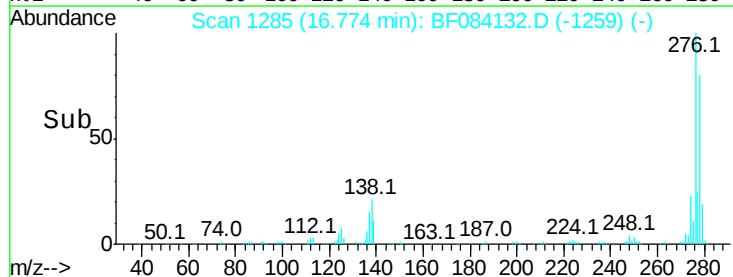
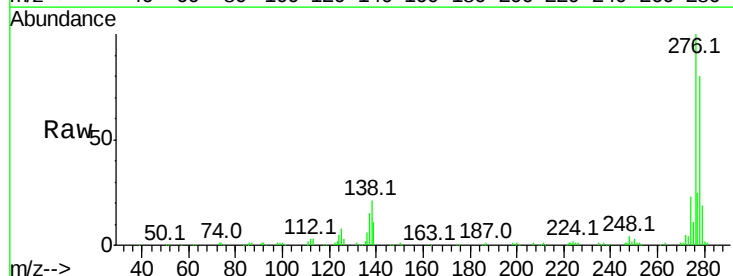
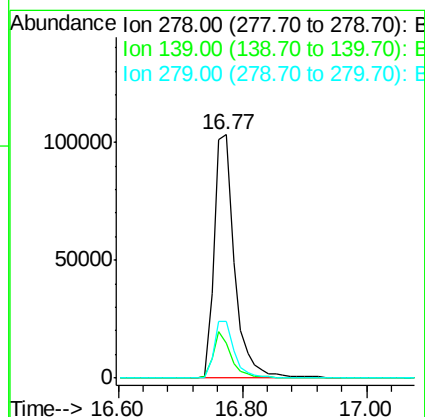
Manual Integrations
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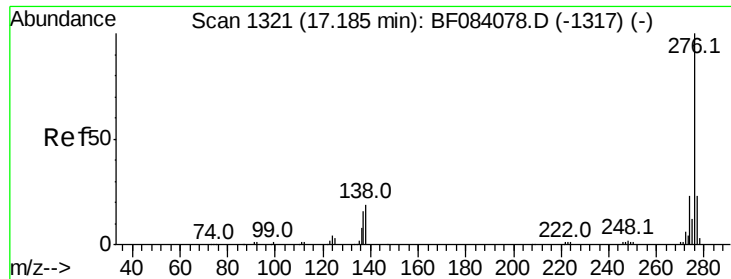
Sohil
12/28/2015 1:10:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.32 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF084132.D
Acq: 25 Dec 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.3	15.0	22.4#
279	23.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 38.94 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084132.D
 Acq: 25 Dec 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	234602
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	20.6	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:41 PM

