

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084982.D
 Acq On : 10 Feb 2016 5:14
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:45:30 PM

Quant Time: Feb 10 06:13:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	194755	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	773814	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	343558	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	550843	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	369599	20.00	ng	-0.06
86) Perylene-d12	15.14	264	338367	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	924706	73.96	ng	-0.06
7) Phenol-d6	6.29	99	1158291	74.72	ng	-0.05
23) Nitrobenzene-d5	7.22	82	1117462	81.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	250585	69.93	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1663809	79.93	ng	-0.06
78) Terphenyl-d14	12.74	244	1365744	83.73	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	16184m	2.95	ng	
3) Pyridine	2.74	79	505555	35.43	ng	# 76
4) n-Nitrosodimethylamine	2.69	42	284409	38.54	ng	80
6) Aniline	6.30	93	736932	38.85	ng	# 87
8) 2-Chlorophenol	6.42	128	526566	37.21	ng	86
9) Benzaldehyde	6.18	77	323405	35.33	ng	98
10) Phenol	6.32	94	666519	38.38	ng	81
11) bis(2-Chloroethyl)ether	6.38	93	531485	39.25	ng	85
12) 1,3-Dichlorobenzene	6.58	146	582300	38.94	ng	98
13) 1,4-Dichlorobenzene	6.66	146	583487m	39.03	ng	
14) 1,2-Dichlorobenzene	6.81	146	514080	36.92	ng	98
15) Benzyl Alcohol	6.80	79	391254	36.55	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.93	45	850394	37.33	ng	89
17) 2-Methylphenol	6.92	107	436713	39.02	ng	# 92
18) Hexachloroethane	7.15	117	203562	35.36	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	334762	34.45	ng	# 74
20) 3+4-Methylphenols	7.08	107	544526	39.19	ng	90
22) Acetophenone	7.06	105	756920	37.11	ng	# 99
24) Nitrobenzene	7.23	77	506116	34.41	ng	95
25) Isophorone	7.48	82	1010084	37.82	ng	94
26) 2-Nitrophenol	7.55	139	247142	34.07	ng	96
27) 2,4-Dimethylphenol	7.61	122	466430	36.96	ng	87
28) bis(2-Chloroethoxy)methane	7.69	93	555363	35.05	ng	99
29) 2,4-Dichlorophenol	7.80	162	397224	36.79	ng	91
30) 1,2,4-Trichlorobenzene	7.87	180	456721	37.45	ng	96
31) Naphthalene	7.95	128	1524863	39.29	ng	99
32) Benzoic acid	7.73	122	250073	30.98	ng	96
33) 4-Chloroaniline	8.01	127	614109	38.26	ng	97
34) Hexachlorobutadiene	8.06	225	246331	35.03	ng	96
35) Caprolactam	8.40	113	111403	33.48	ng	# 57
36) 4-Chloro-3-methylphenol	8.50	107	407736	33.10	ng	94
37) 2-Methylnaphthalene	8.64	142	841753	34.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	467537	42.85	ng	98
40) Hexachlorocyclopentadiene	8.80	237	38287	13.24	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	249094	35.44	nq	95
43) 2,4,5-Trichlorophenol	8.97	196	258353	36.17	nq #	92
45) 1,1'-Biphenyl	9.10	154	1188440	38.73	nq	99
46) 2-Chloronaphthalene	9.13	162	895616	39.63	nq	92
47) 2-Nitroaniline	9.23	65	296503	41.44	nq	93
48) Acenaphthylene	9.54	152	1361416	39.70	nq	99
49) Dimethylphthalate	9.41	163	951689	36.37	nq #	89
50) 2,6-Dinitrotoluene	9.47	165	201381	35.23	nq #	41
51) Acenaphthene	9.71	154	843387	37.80	nq	97
52) 3-Nitroaniline	9.64	138	225922	35.17	nq	92
53) 2,4-Dinitrophenol	9.76	184	9459	9.13	nq	92
54) Dibenzofuran	9.88	168	1064375	39.03	nq	98
55) 4-Nitrophenol	9.82	139	132069	27.98	nq	92
56) 2,4-Dinitrotoluene	9.88	165	249744	34.25	nq #	88
57) Fluorene	10.22	166	902754	39.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	183502	33.75	nq #	85
59) Diethylphthalate	10.11	149	999023	39.10	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	371576	37.65	nq	89
61) 4-Nitroaniline	10.26	138	252924	40.41	nq #	74
62) Azobenzene	10.37	77	875707	35.64	nq	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	27034	7.95	nq #	73
65) n-Nitrosodiphenylamine	10.34	169	728968	41.68	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	269419	44.28	nq #	91
67) Hexachlorobenzene	10.76	284	247243	37.30	nq #	80
68) Atrazine	10.88	200	210330	38.08	nq	94
69) Pentachlorophenol	10.97	266	93262	29.93	nq	99
70) Phenanthrene	11.17	178	1078220	35.29	nq	97
71) Anthracene	11.23	178	1285494	41.76	nq	100
72) Carbazole	11.39	167	1095080	40.79	nq	99
73) Di-n-butylphthalate	11.72	149	1375628	40.25	nq #	97
74) Fluoranthene	12.36	202	1111032	35.93	nq	92
76) Benzidine	12.49	184	481849	36.84	nq	99
77) Pyrene	12.58	202	1007096	35.59	nq	99
79) Butylbenzylphthalate	13.22	149	536867	41.82	nq #	86
80) Benzo(a)anthracene	13.77	228	902915	39.36	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	343184	42.25	nq	98
82) Chrysene	13.80	228	780270	35.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	647046	40.50	nq #	97
84) Di-n-octyl phthalate	14.39	149	1024576	38.87	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.41	276	776706	44.36	nq	99
87) Benzo(b)fluoranthene	14.77	252	866030m	38.09	nq	
88) Benzo(k)fluoranthene	14.80	252	688909m	36.65	nq	
89) Benzo(a)pyrene	15.09	252	765355	39.51	nq #	98
90) Dibenzo(a,h)anthracene	16.42	278	651299	39.94	nq #	92
91) Benzo(g,h,i)perylene	16.77	276	632671	38.52	nq	99

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

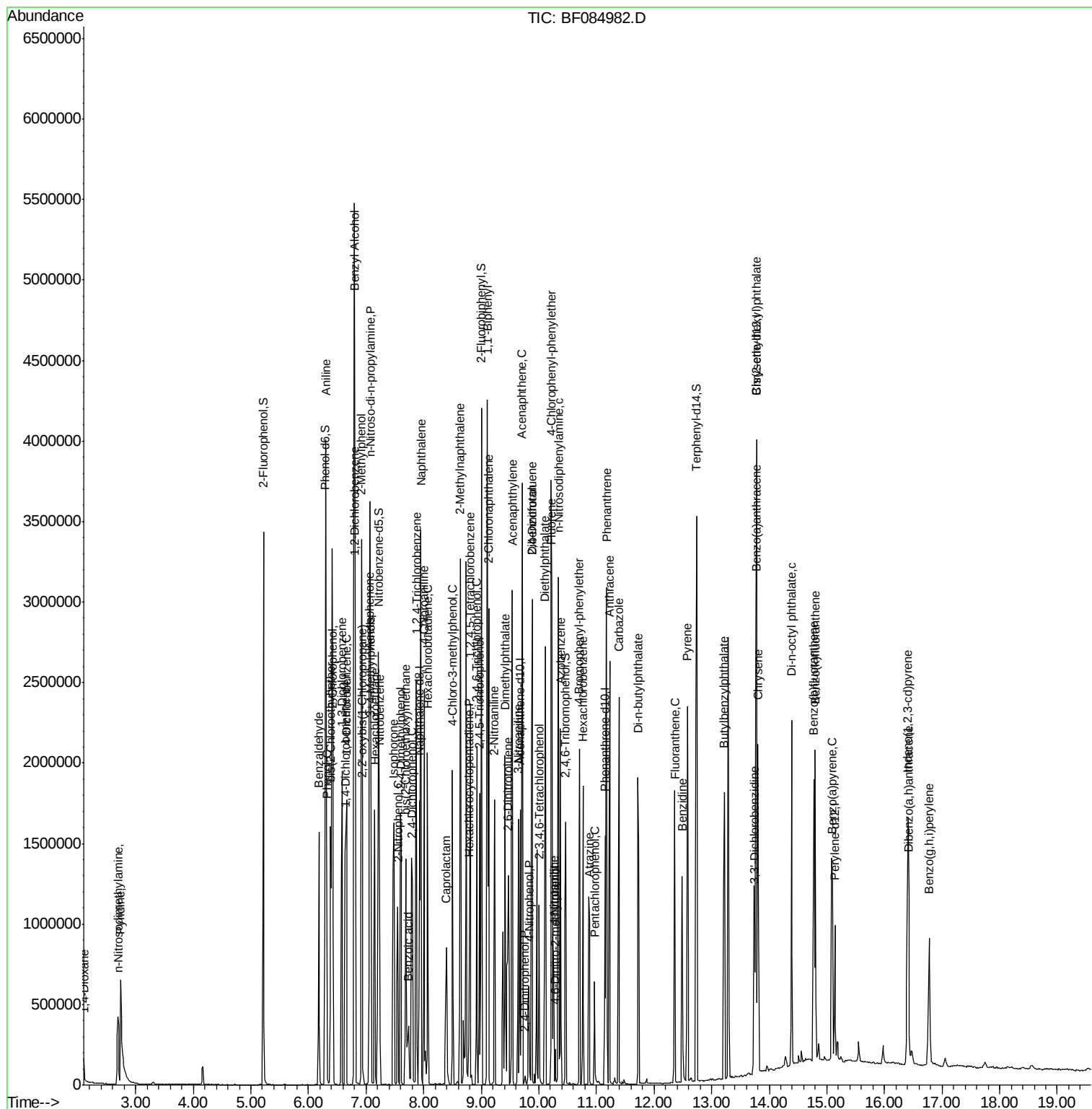
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Operator  : SJ/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

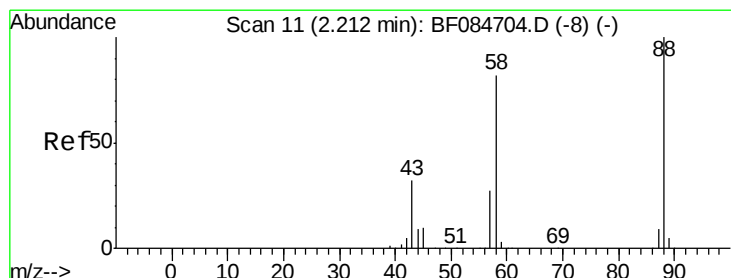
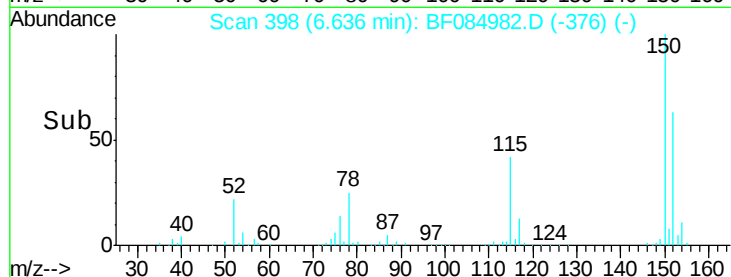
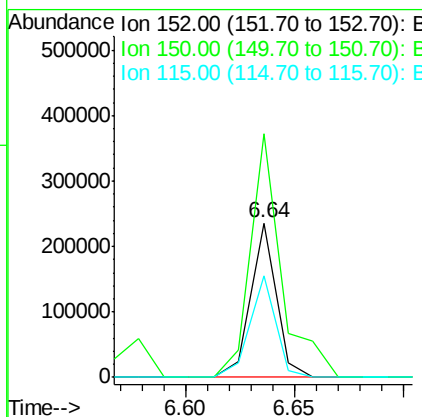
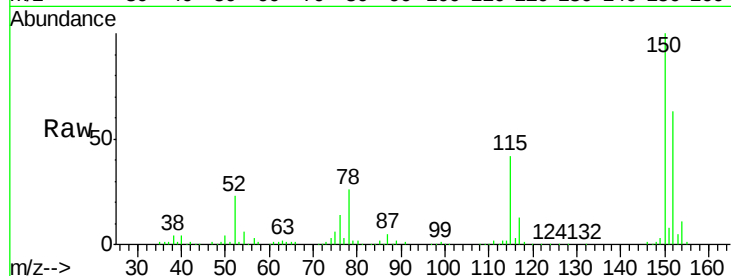
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	194755
Ion Ratio	Lower	Upper	
152	100		
150	157.6	123.0	184.4
115	65.4	51.4	77.2

Manual Integrations
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#2

1,4-Dioxane

Concen: 2.95 ng m

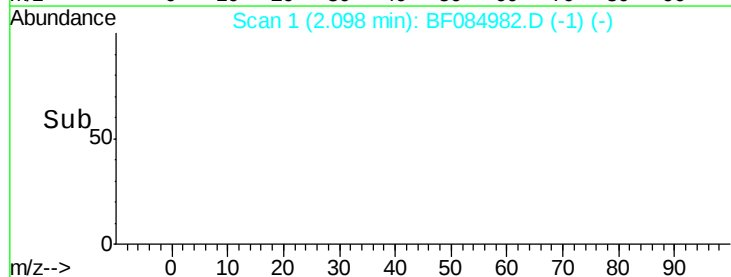
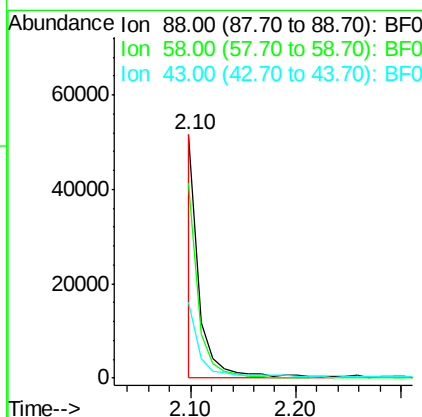
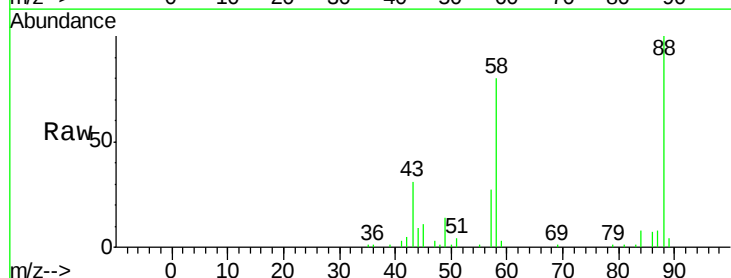
RT: 2.10 min Scan# 1

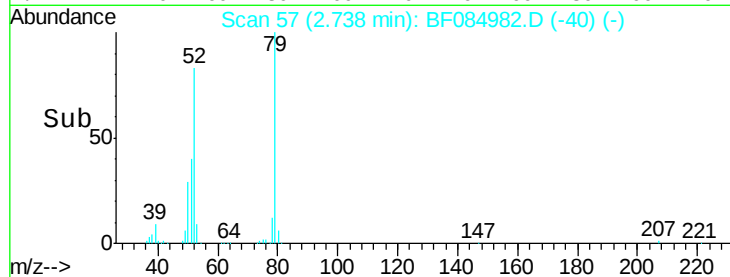
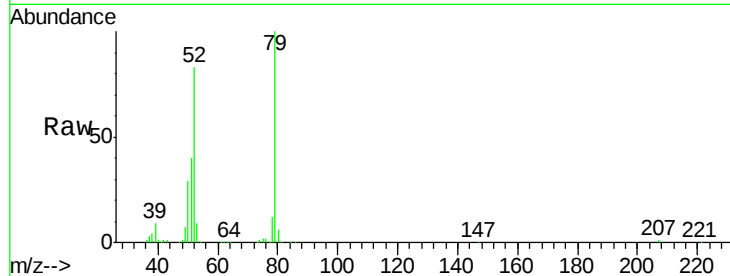
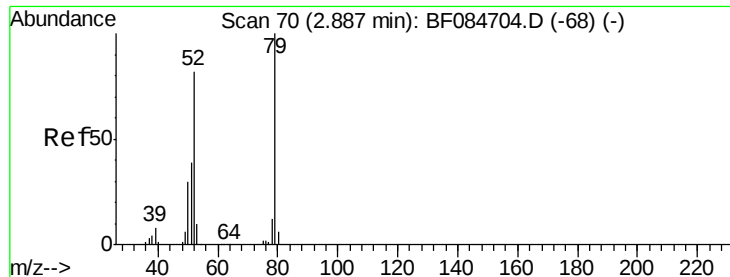
Delta R.T. -0.08 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	88	Resp:	16184
Ion Ratio	Lower	Upper	
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#





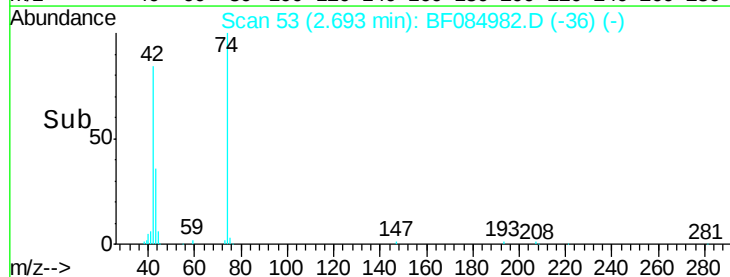
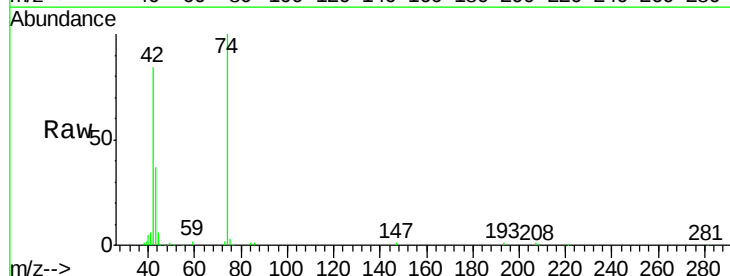
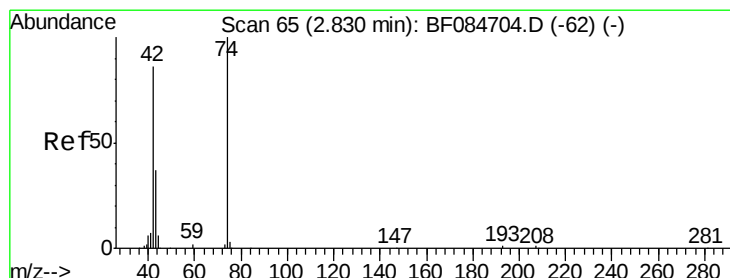
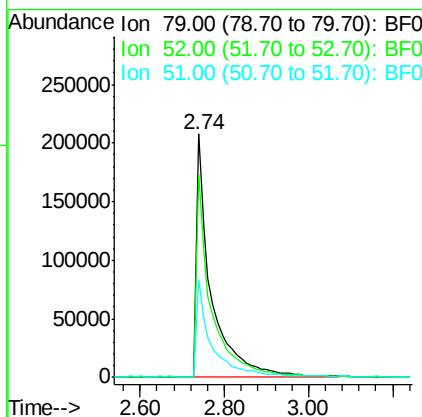
#3
 Pvridine
 Concen: 35.43 ng
 RT: 2.74 min Scan# 57
 Delta R.T. -0.10 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.1	49.0	73.4#
51	40.2	25.2	37.8#

Instrument :
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 SSTDCCC040EC

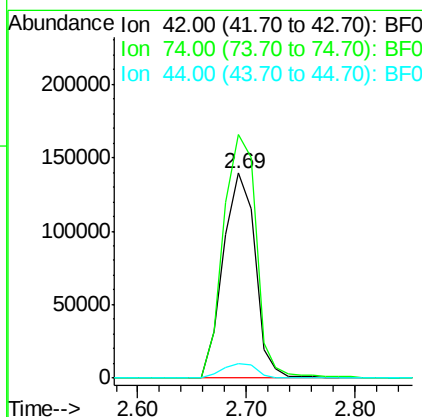
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 38.54 ng
 RT: 2.69 min Scan# 53
 Delta R.T. -0.10 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.7	115.7	173.5
44	7.0	5.1	7.7





#5

2-Fluorophenol

Concen: 73.96 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

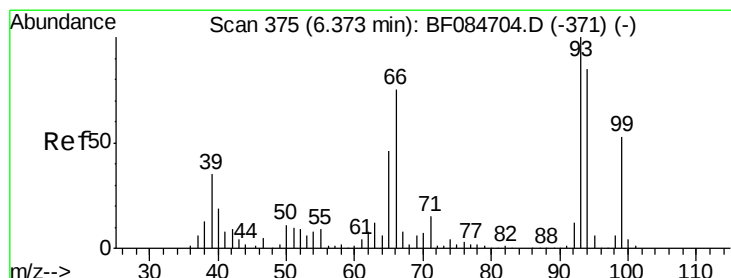
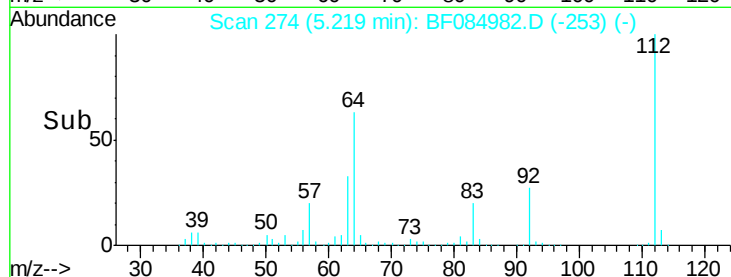
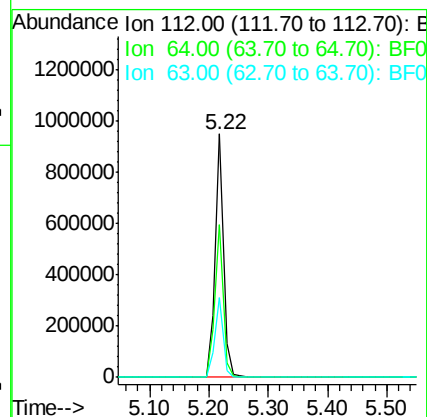
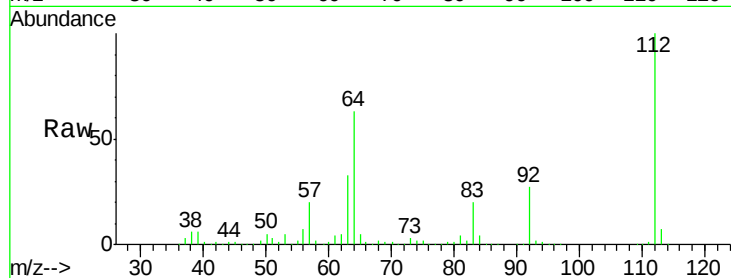
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	924706
Ion Ratio	Lower	Upper	
112	100		
64	62.8	36.6	55.0#
63	33.0	19.4	29.0#

Manual Integrations
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#6

Aniline

Concen: 38.85 ng

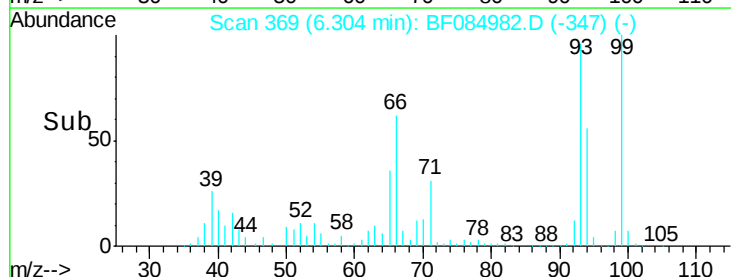
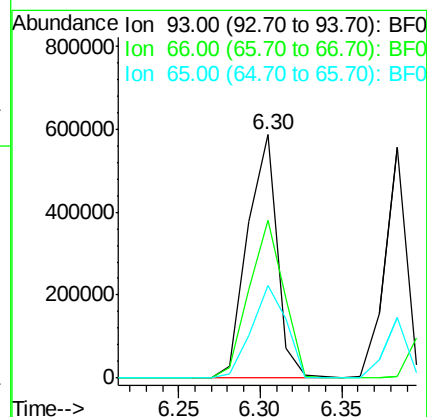
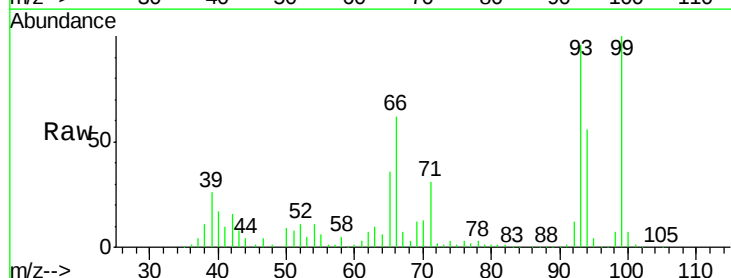
RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	93	Resp:	736932
Ion Ratio	Lower	Upper	
93	100		
66	64.9	44.9	67.3
65	37.8	23.7	35.5#





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1158291

Ion Ratio Lower Upper

99 100

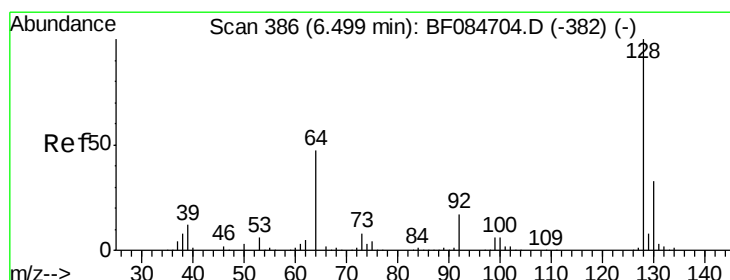
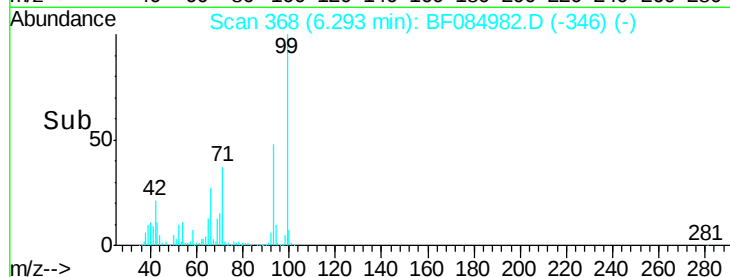
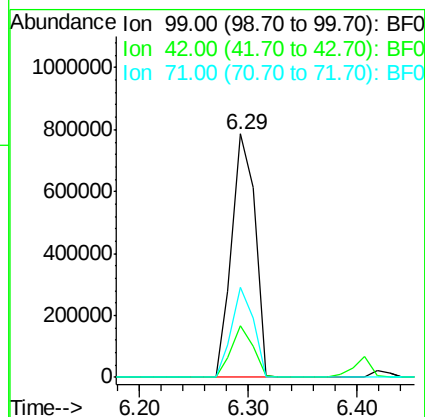
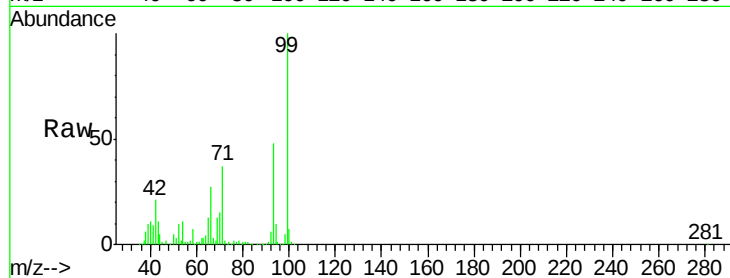
42 21.2 12.8 19.2#

71 36.9 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.21 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

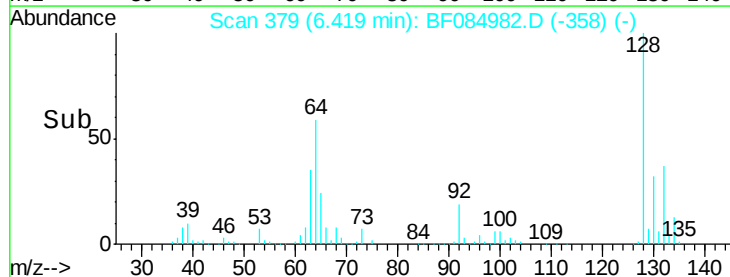
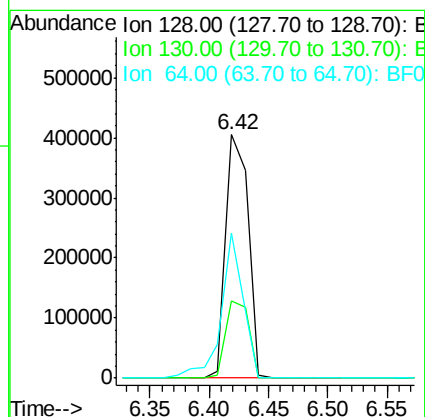
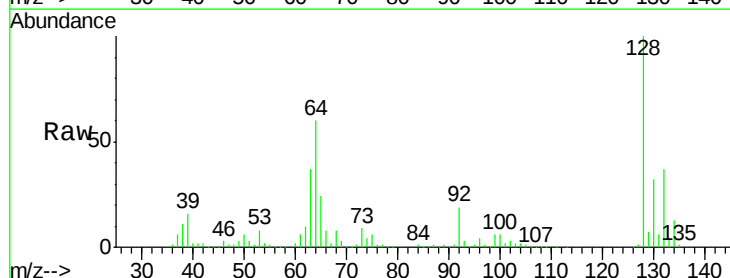
Tgt Ion: 128 Resp: 526566

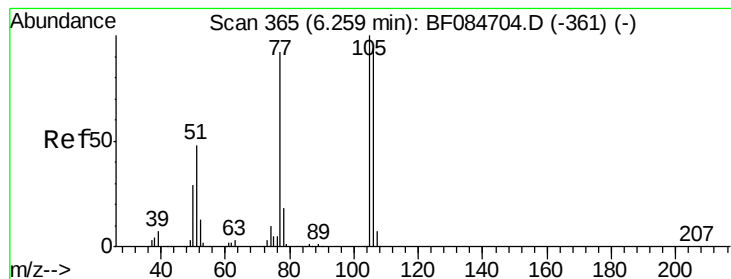
Ion Ratio Lower Upper

128 100

130 31.7 11.6 51.6

64 59.7 23.8 63.8





#9

Benzaldehyde

Concen: 35.33 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

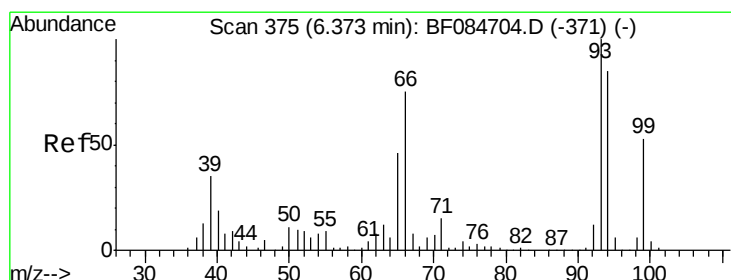
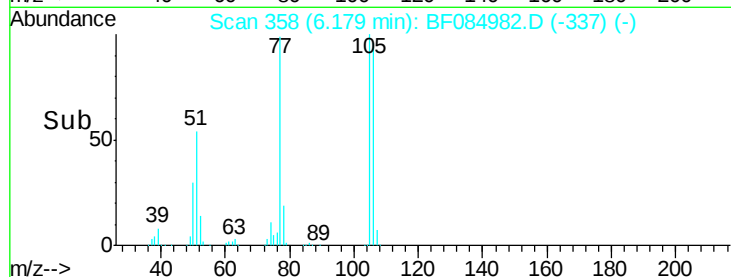
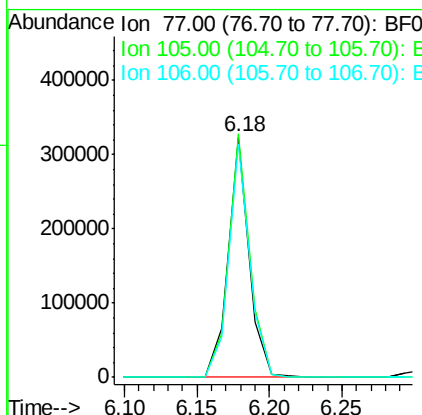
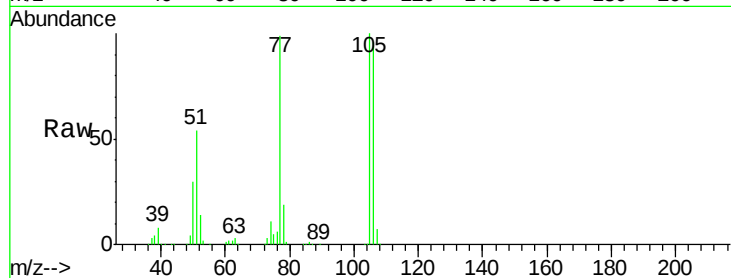
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	323405
Ion Ratio	Lower	Upper	
77	100		
105	101.3	83.0	123.0
106	97.0	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 38.38 ng

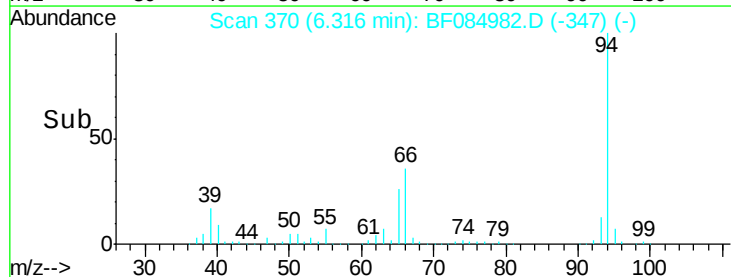
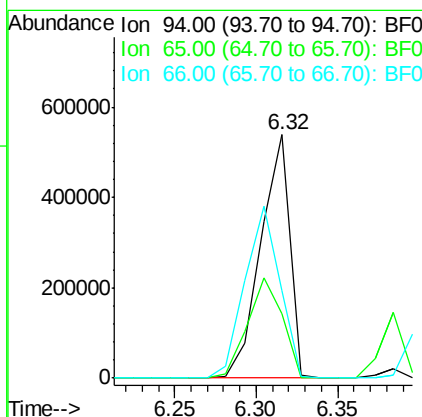
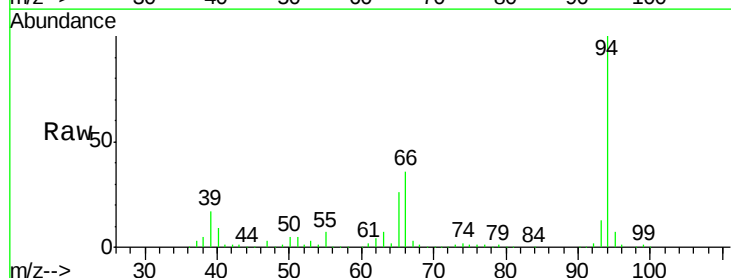
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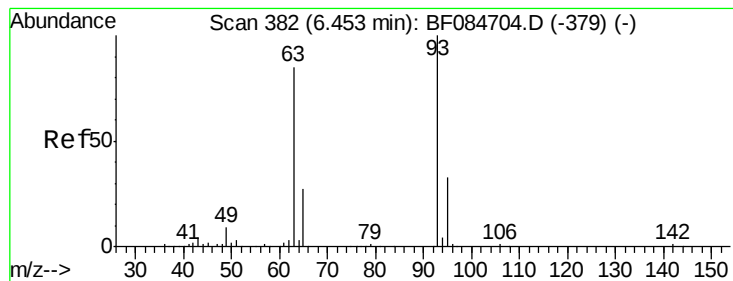
Delta R.T. -0.03 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	94	Resp:	666519
Ion Ratio	Lower	Upper	
94	100		
65	26.2	12.9	52.9
66	35.7	32.7	72.7





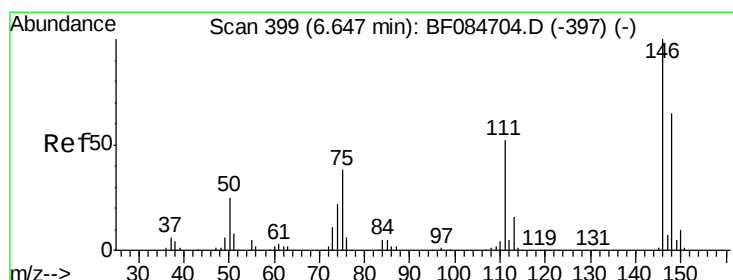
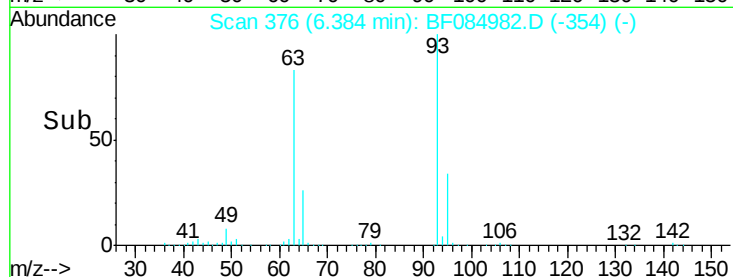
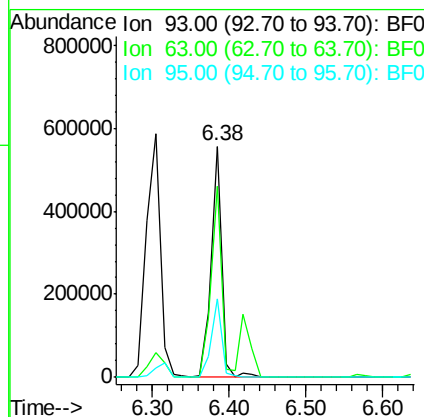
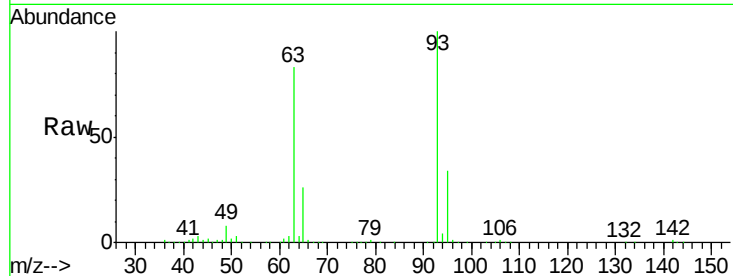
#11
bis(2-Chloroethyl)ether
Concen: 39.25 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	531485
Ion Ratio	Lower	Upper	
93	100		
63	82.7	45.9	85.9
95	34.2	12.3	52.3

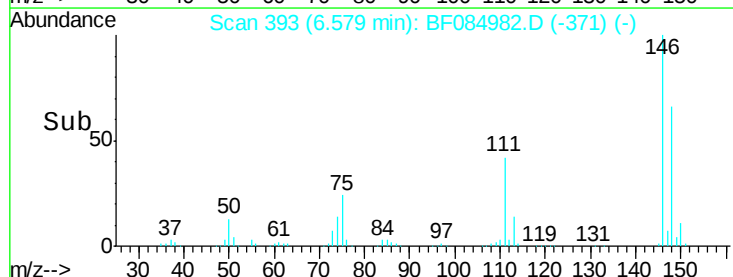
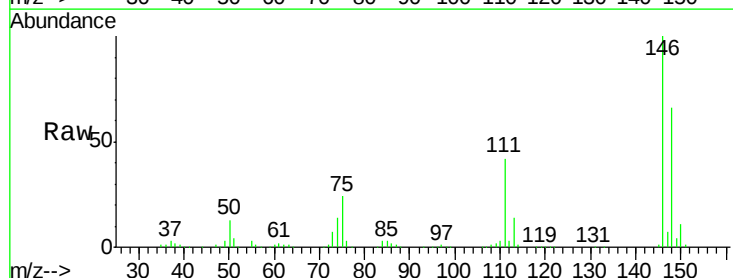
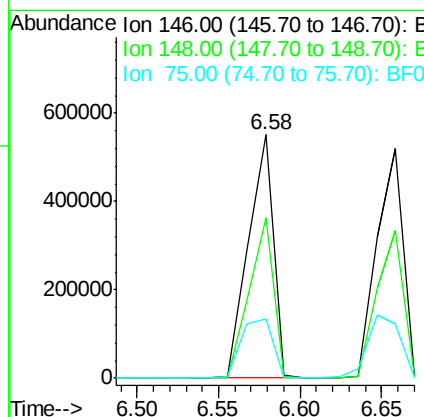
Manual Integrations
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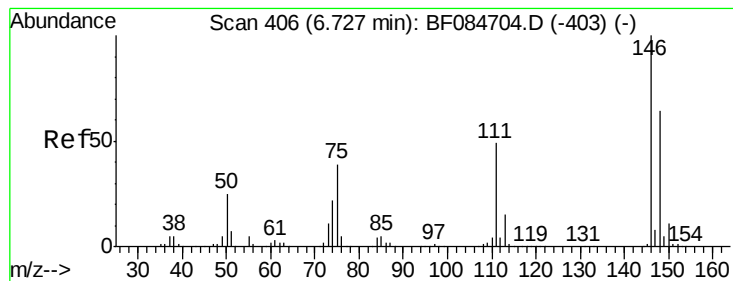
Sohil
2/10/2016 1:45:30 PM



#12
1,3-Dichlorobenzene
Concen: 38.94 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion:	146	Resp:	582300
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
75	24.1	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 39.03 ng/mL

RT: 6.66 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

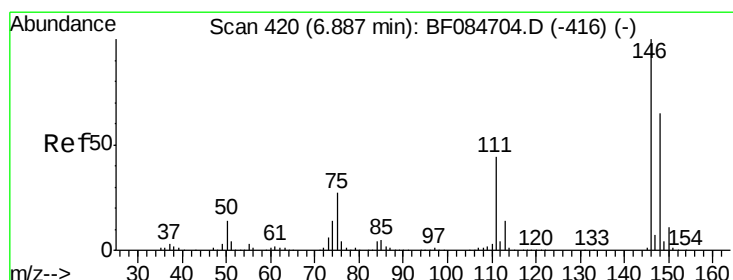
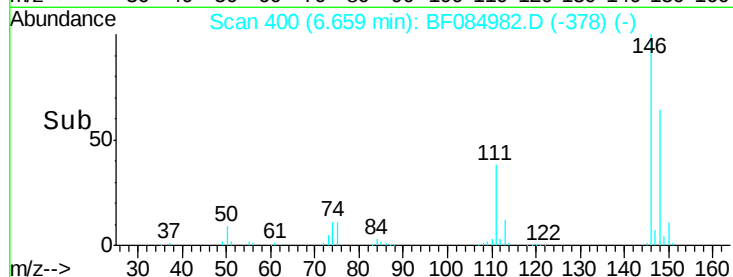
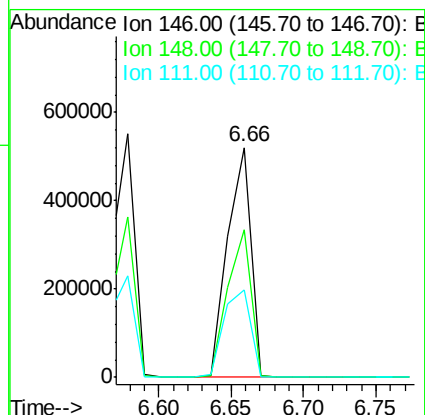
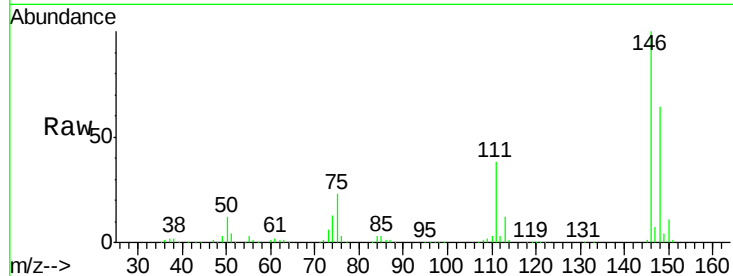
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	583487
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.9	77.9
111	38.1	41.6	62.4#

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#14

1,2-Dichlorobenzene

Concen: 36.92 ng/mL

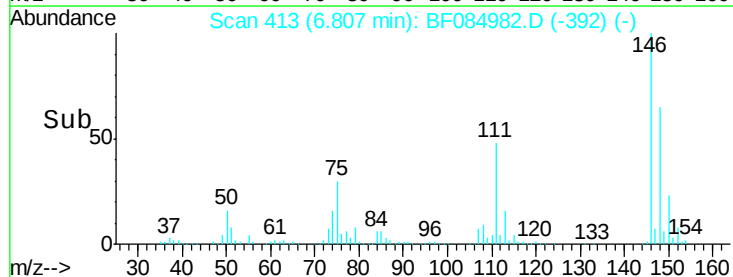
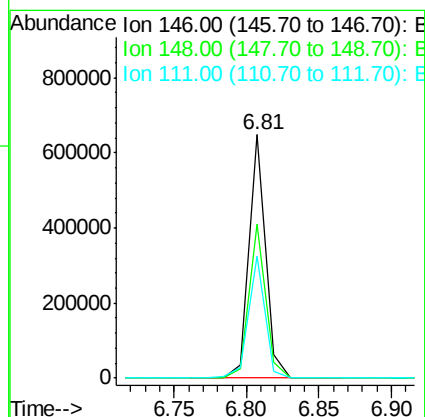
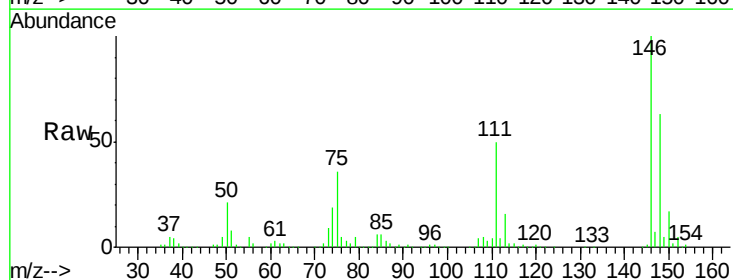
RT: 6.81 min Scan# 413

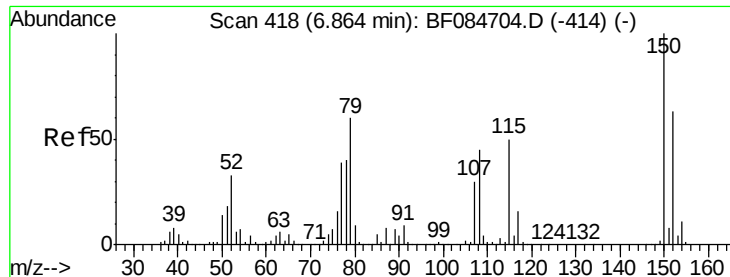
Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	146	Resp:	514080
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	49.9	38.0	57.0





#15

Benzyl Alcohol

Concen: 36.55 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

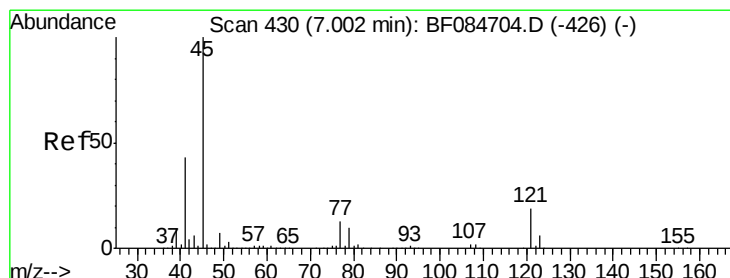
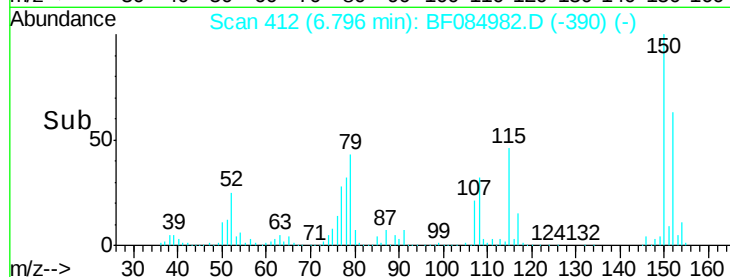
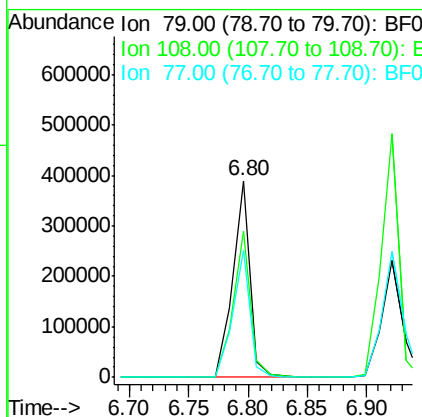
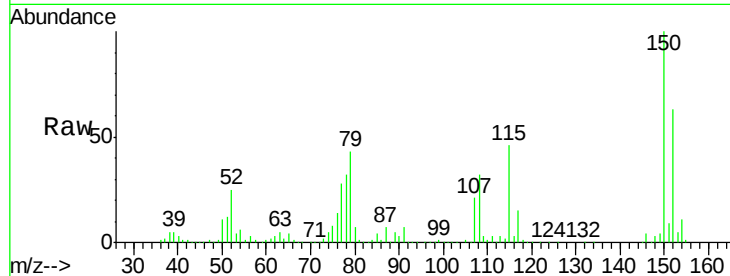
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	391254
Ion Ratio	Lower	Upper	
79	100		
108	74.4	69.0	103.4
77	64.6	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.33 ng

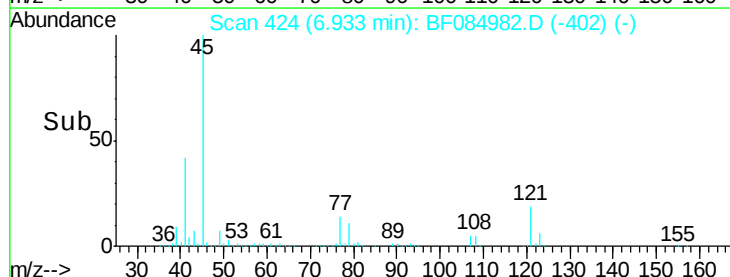
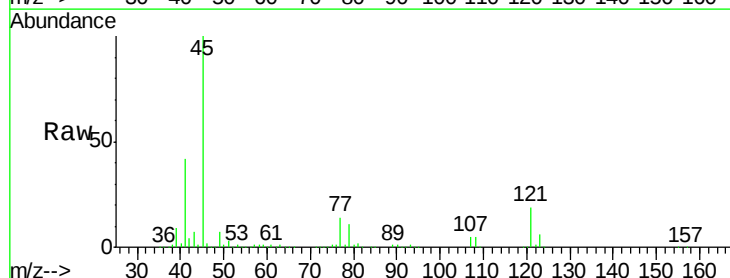
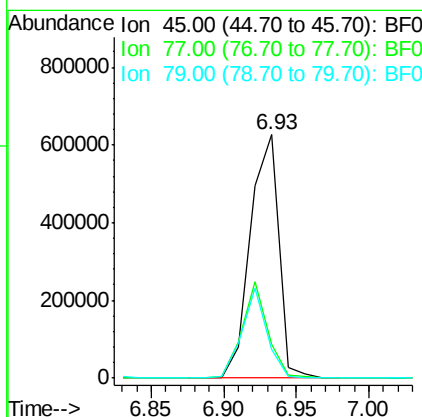
RT: 6.93 min Scan# 424

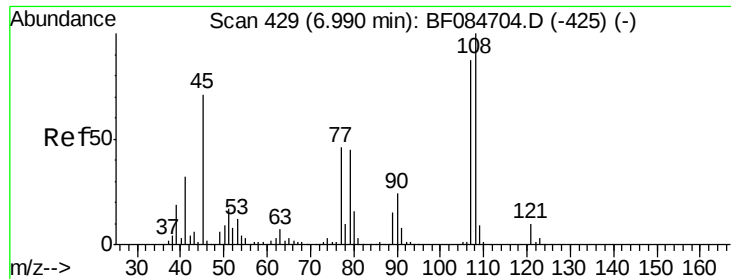
Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	45	Resp:	850394
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	39.6
79	11.5	0.0	35.0





#17

2-Methylphenol

Concen: 39.02 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

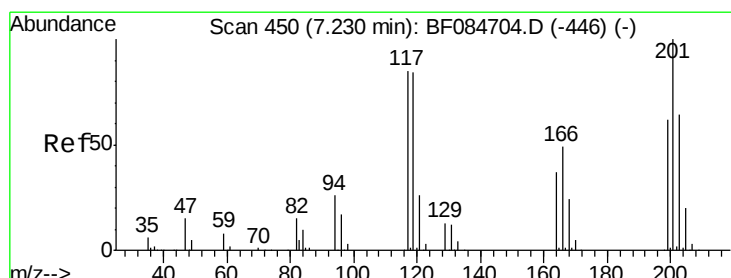
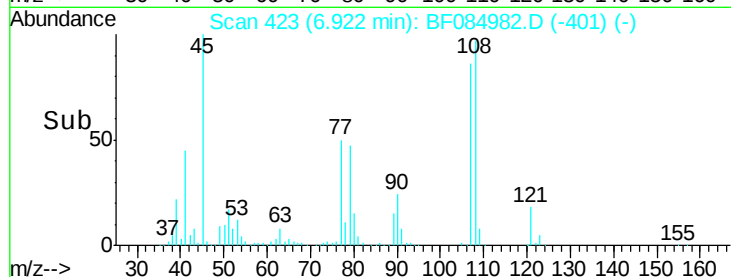
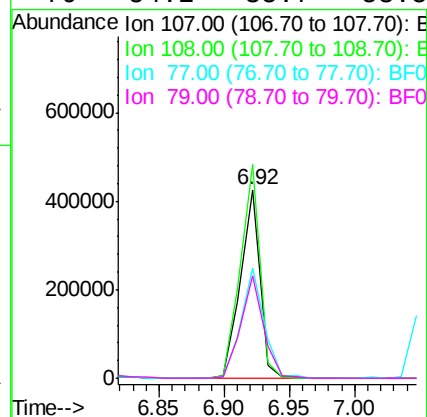
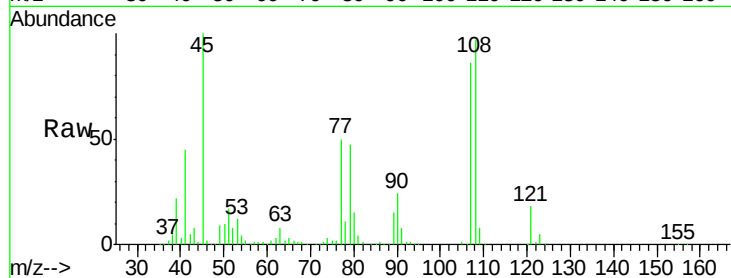
ClientSampleID :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	89.8	134.6	
77	58.4	35.7	53.5#	
79	54.2	35.7	53.5#	

Manual Integrations
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#18

Hexachloroethane

Concen: 35.36 ng

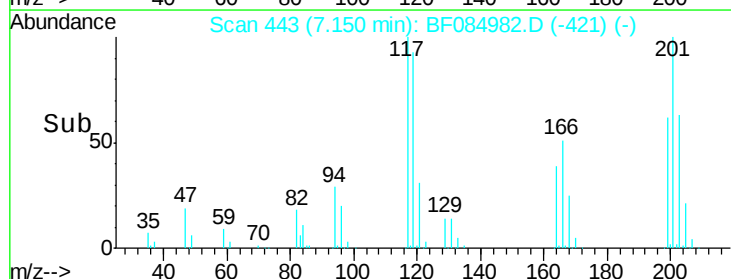
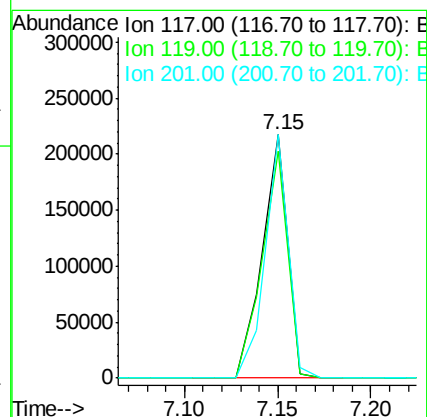
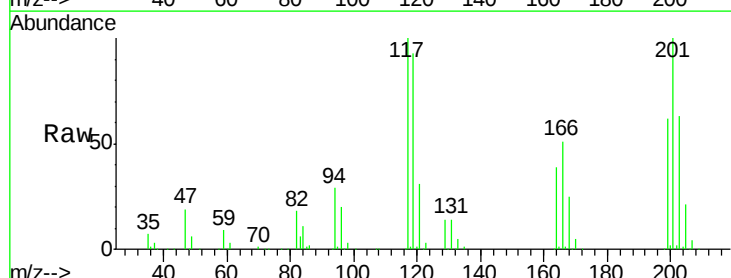
RT: 7.15 min Scan# 443

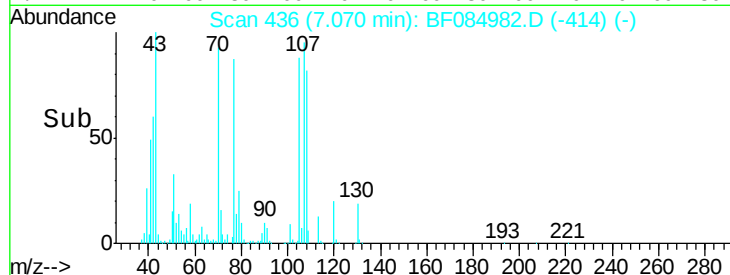
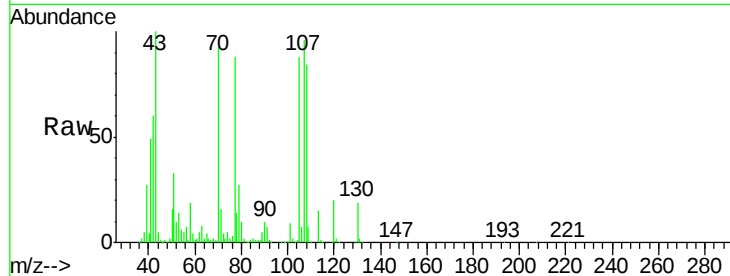
Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	77.4	116.0	
201	100.0	68.6	103.0	





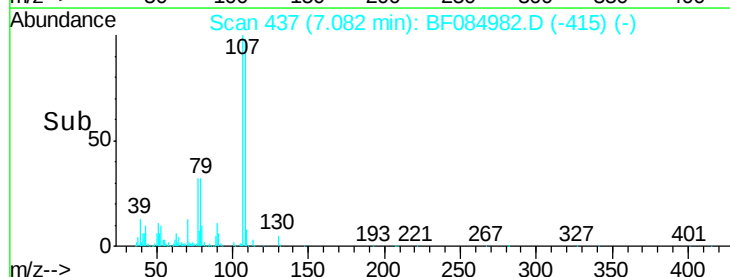
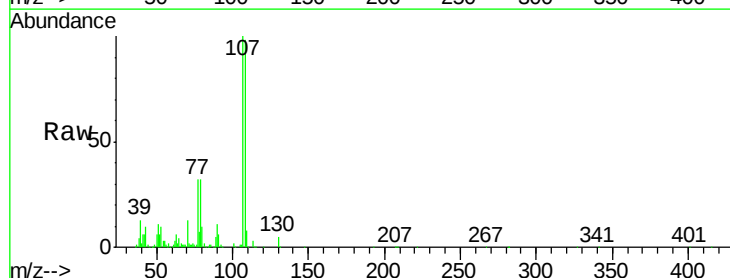
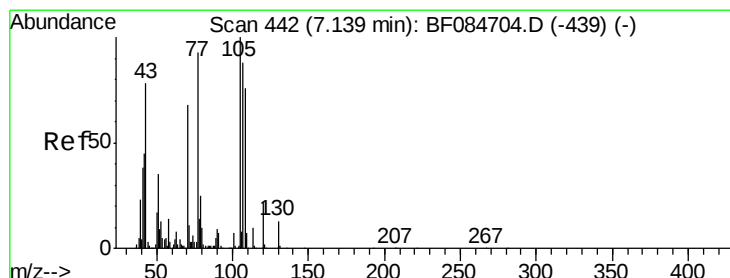
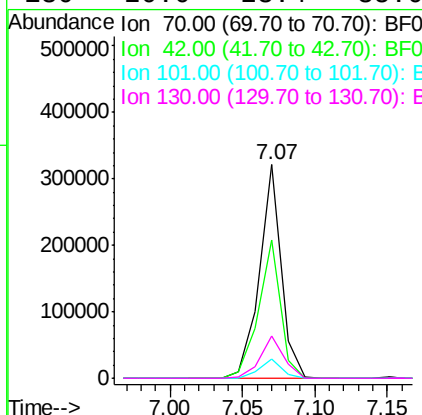
#19
n-Nitroso-di-n-propylamine
Concen: 34.45 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	64.9	33.3	49.9#
101	9.2	9.3	13.9#
130	20.0	23.4	35.0#

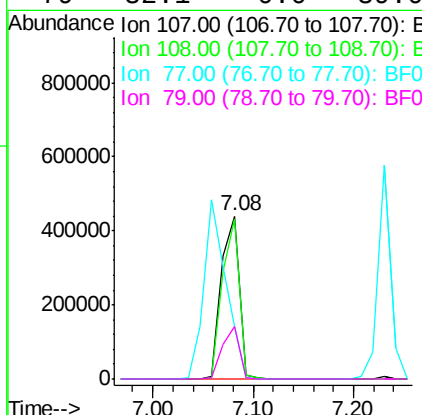
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.19 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	98.1	74.6	114.6
77	31.9	0.7	40.7
79	32.1	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084982.D

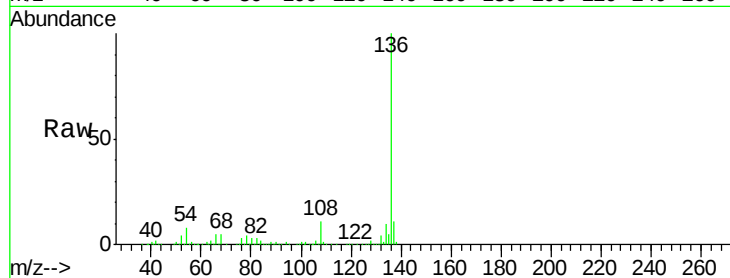
Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleID :

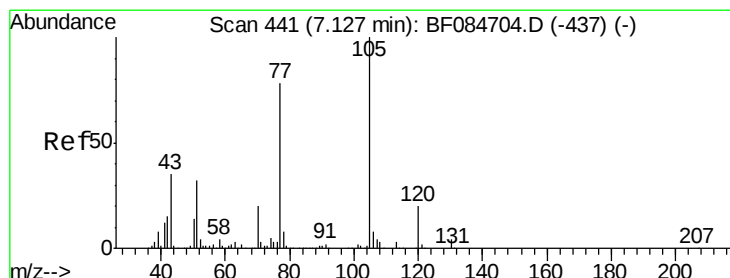
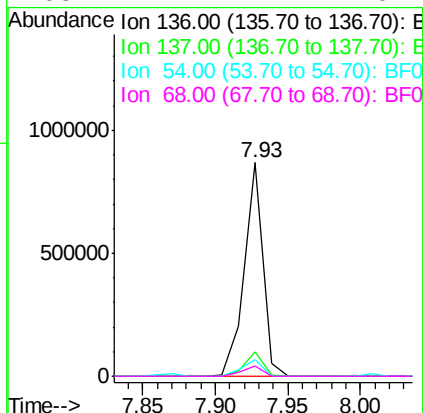
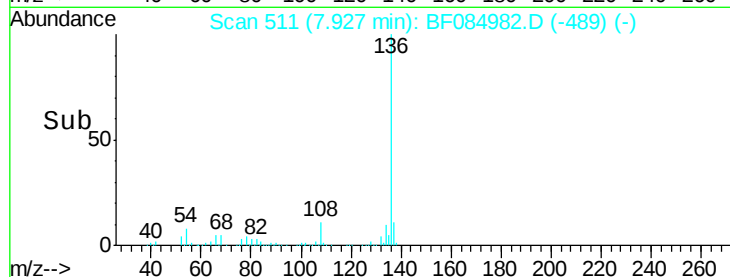
SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
136	100	773814		
137	11.4	8.7	13.1	
54	8.0	5.8	8.8	
68	4.7	4.2	6.2	

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#22

Acetophenone

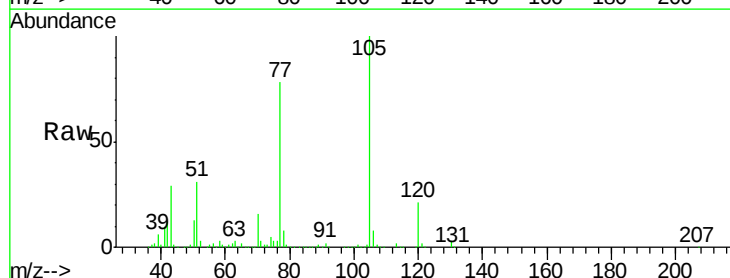
Concen: 37.11 ng

RT: 7.06 min Scan# 435

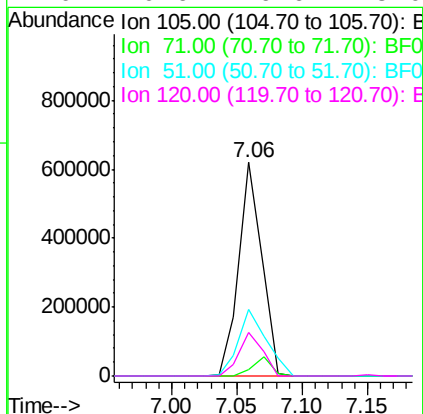
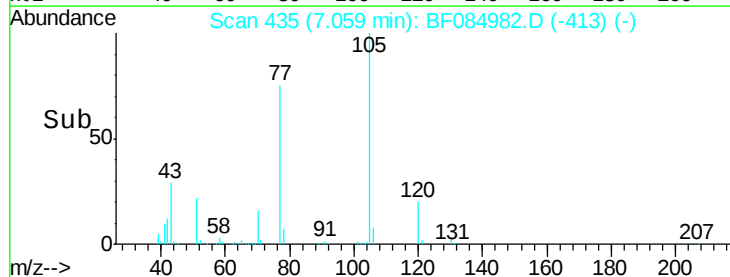
Delta R.T. -0.05 min

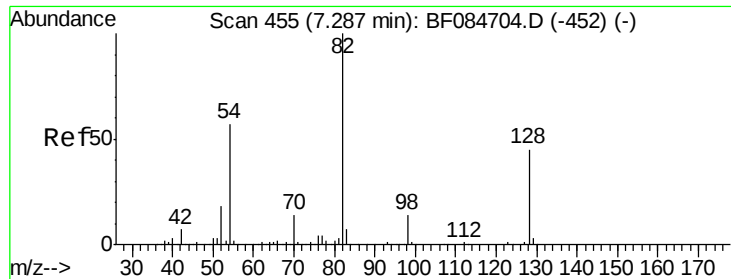
Lab File: BF084982.D

Acq: 10 Feb 2016 5:14



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	756920		
71	2.8	3.7	5.5#	
51	30.9	25.1	37.7	
120	20.6	16.6	25.0	





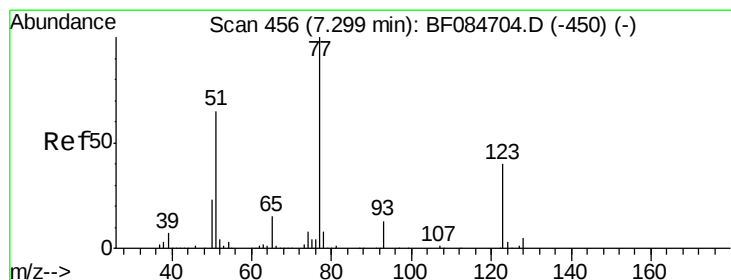
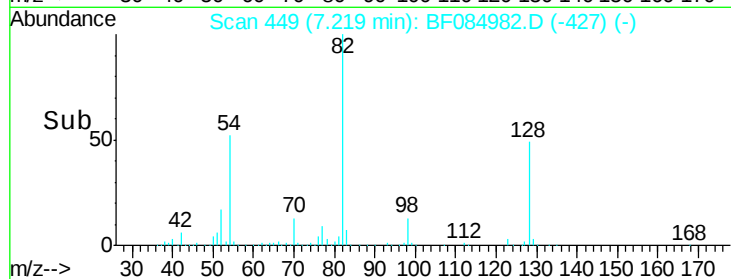
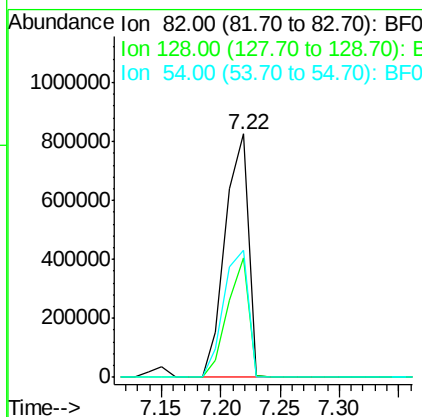
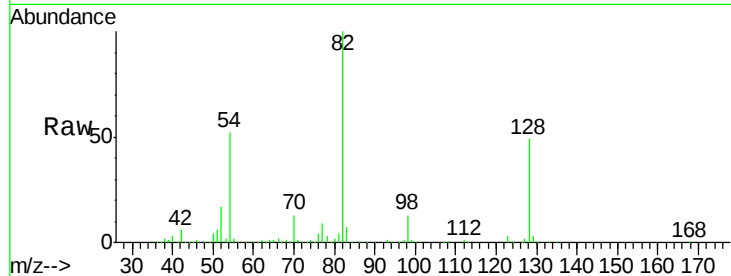
#23
 Nitrobenzene-d5
 Concen: 81.35 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1117462
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.6 51.8
 54 52.4 38.4 57.6

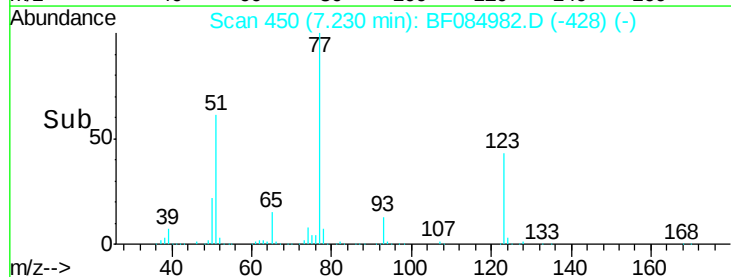
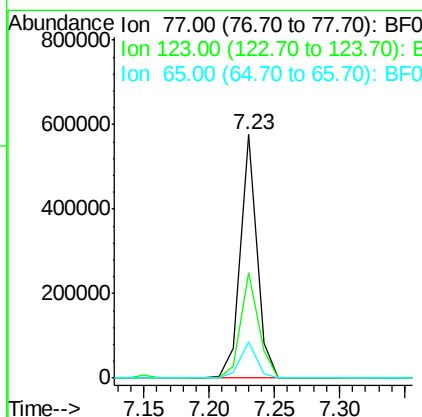
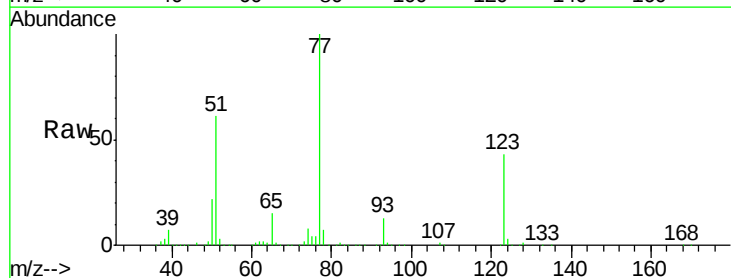
Manual Integrations
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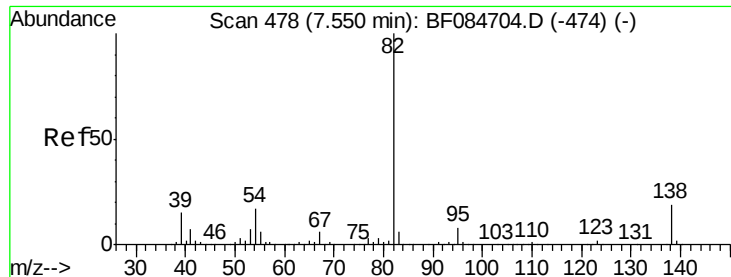
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#24
 Nitrobenzene
 Concen: 34.41 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion: 77 Resp: 506116
 Ion Ratio Lower Upper
 77 100
 123 43.1 37.4 56.2
 65 15.0 10.9 16.3





#25

Isophorone

Concen: 37.82 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1010084

Ion Ratio Lower Upper

82 100

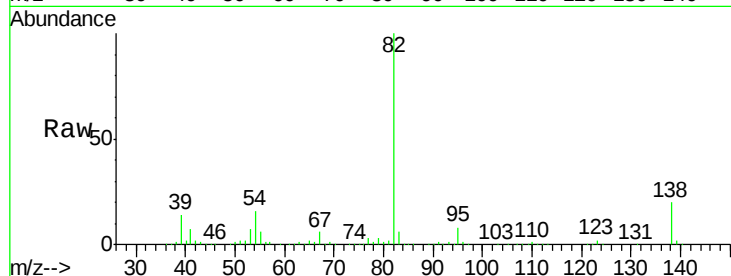
95 7.5 6.6 10.0

138 20.1 13.6 20.4

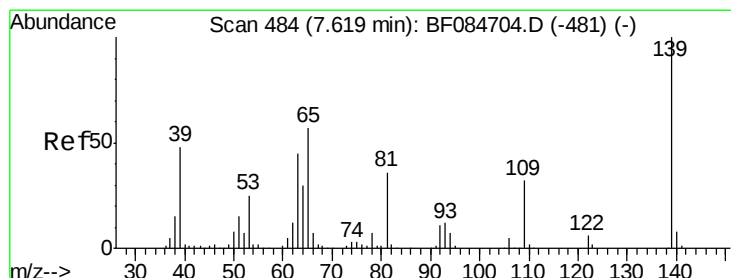
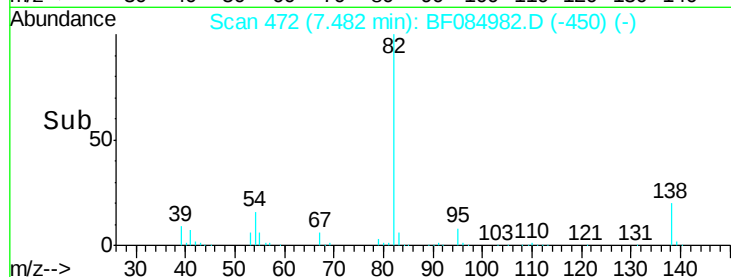
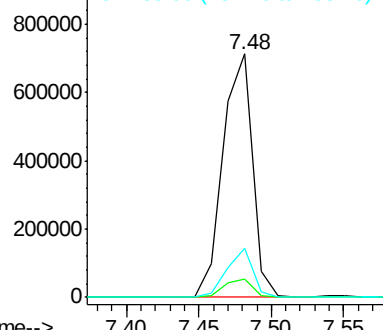
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.07 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

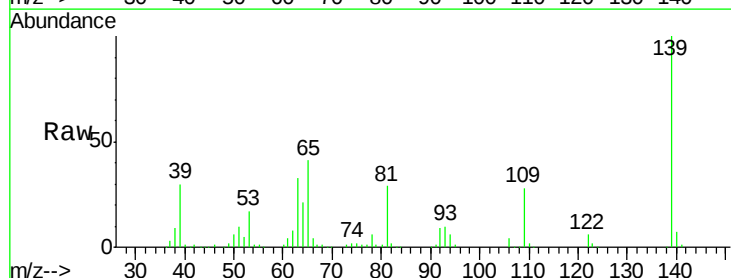
Tgt Ion: 139 Resp: 247142

Ion Ratio Lower Upper

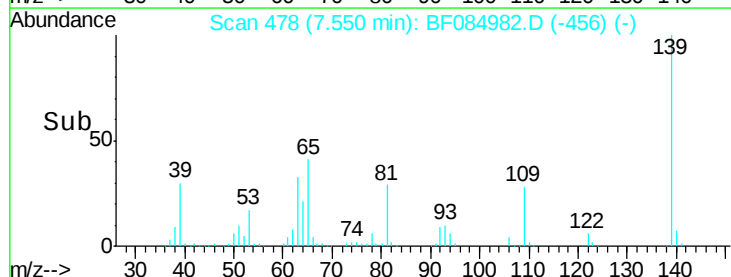
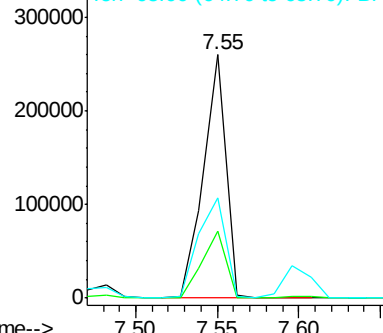
139 100

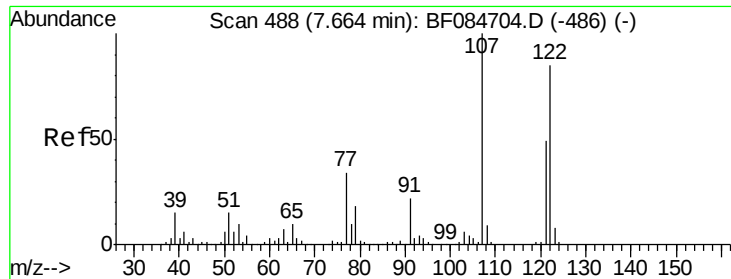
109 27.7 25.4 38.2

65 41.4 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 36.96 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

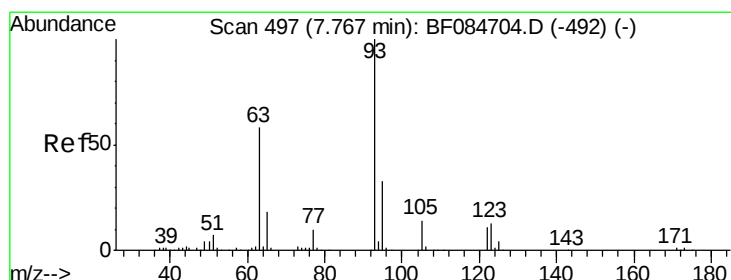
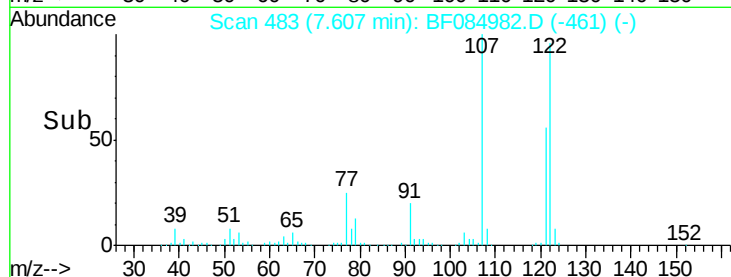
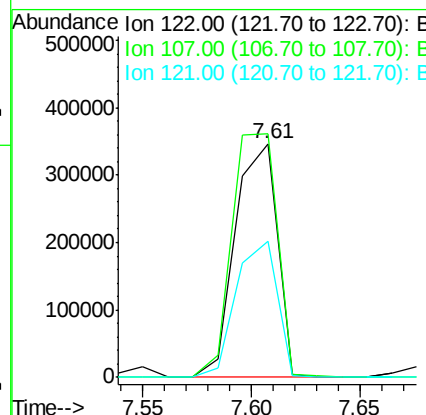
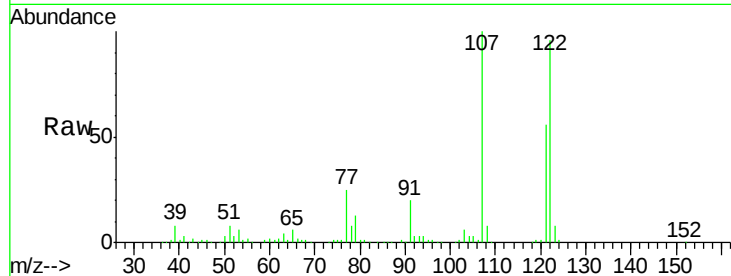
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	466430
Ion Ratio	Lower	Upper	
122	100		
107	104.1	99.1	148.7
121	57.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 35.05 ng

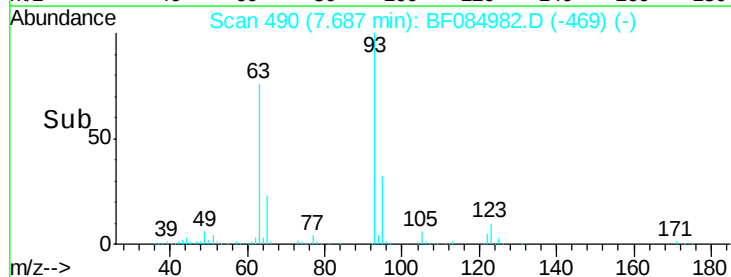
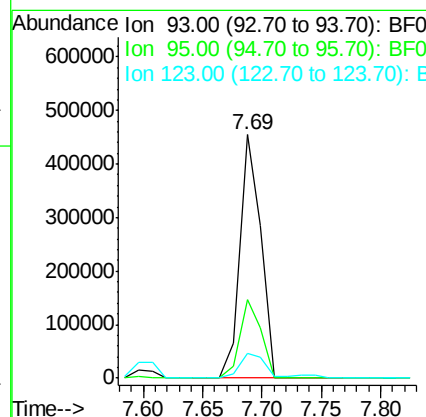
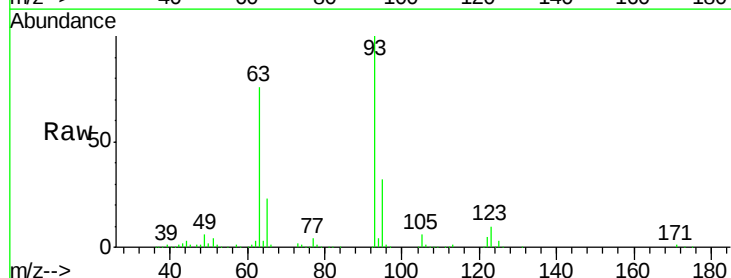
RT: 7.69 min Scan# 490

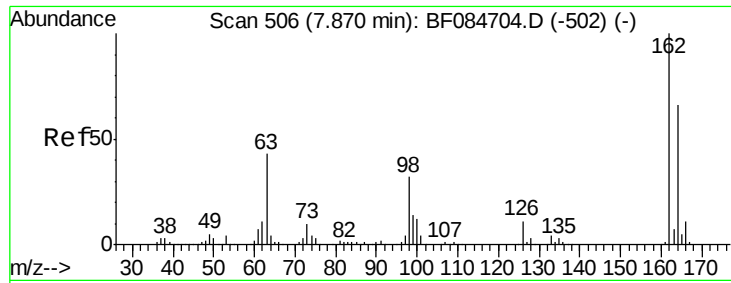
Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	93	Resp:	555363
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.6
123	10.2	8.6	12.8





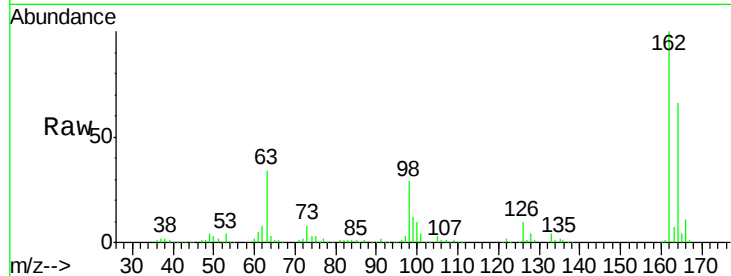
#29
 2,4-Dichlorophenol
 Concen: 36.79 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

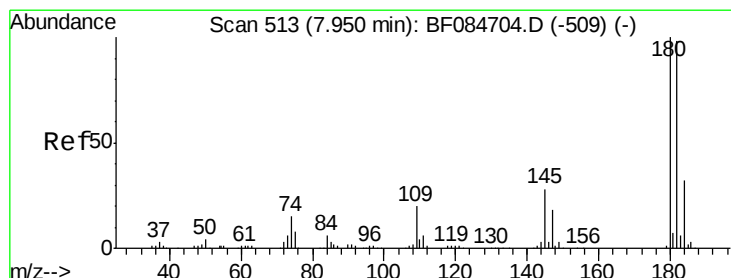
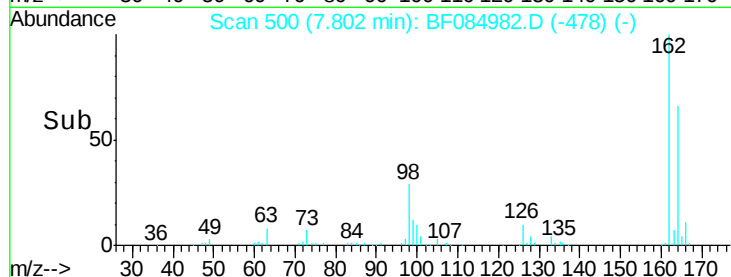
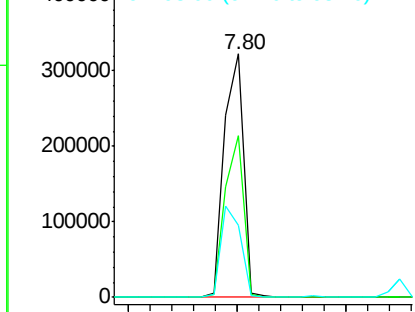
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.4	44.1	84.1
98	29.4	20.2	60.2

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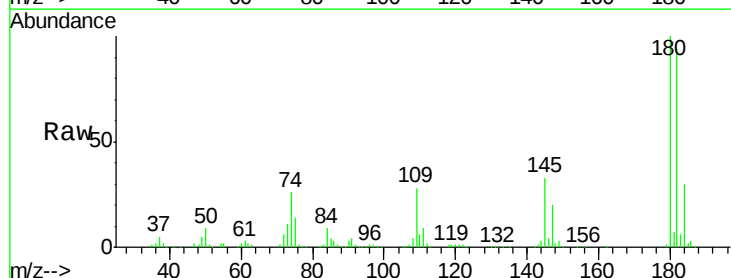


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

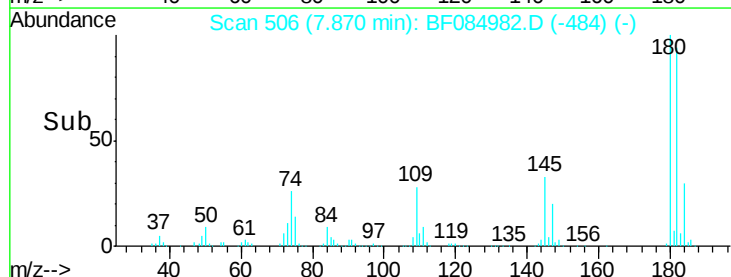
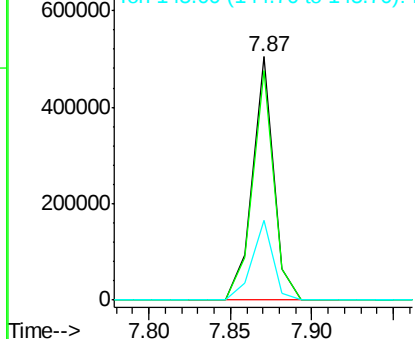


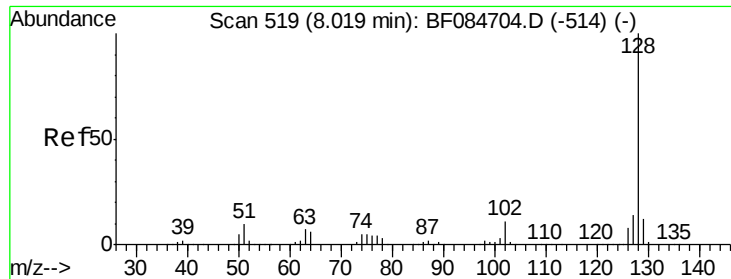
#30
 1,2,4-Trichlorobenzene
 Concen: 37.45 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	76.4	114.6
145	32.8	31.6	47.4



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





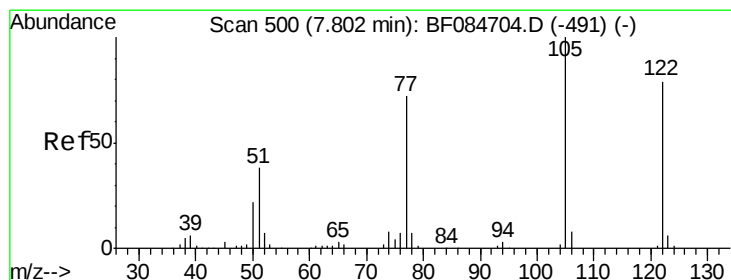
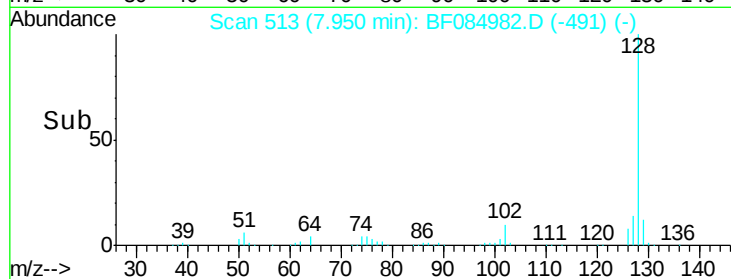
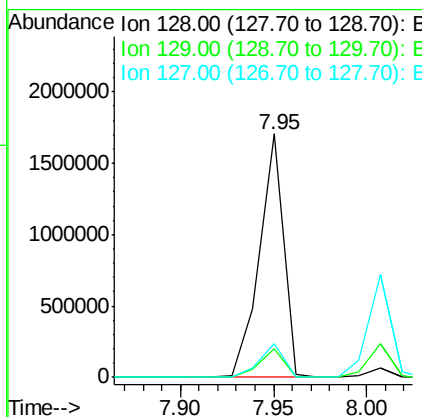
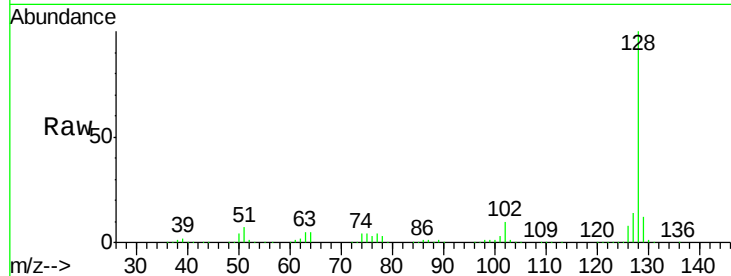
#31
Naphthalene
Concen: 39.29 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1524863
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 11.1 16.7

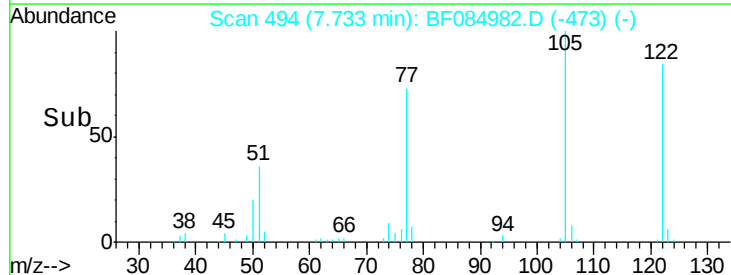
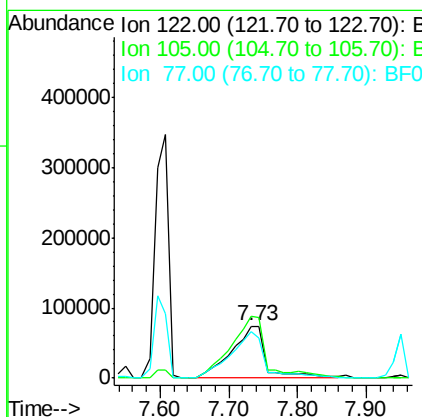
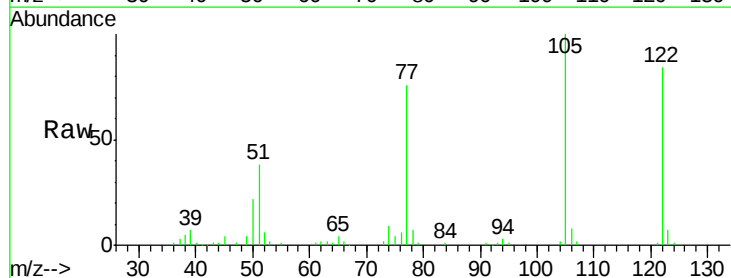
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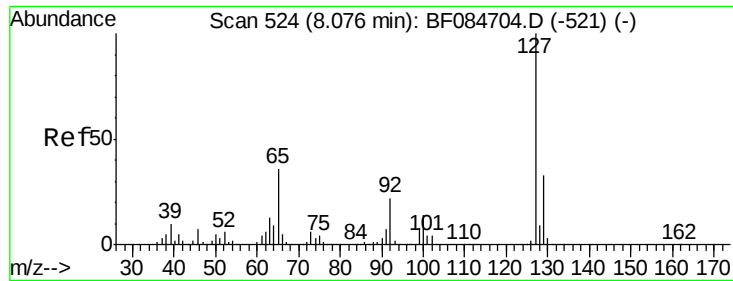
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#32
Benzoic acid
Concen: 30.98 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion:122 Resp: 250073
Ion Ratio Lower Upper
122 100
105 118.9 100.3 140.3
77 90.0 63.5 103.5





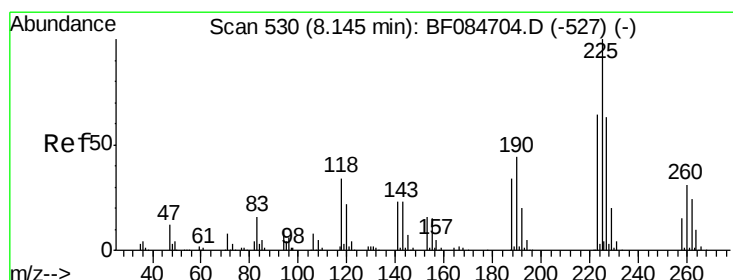
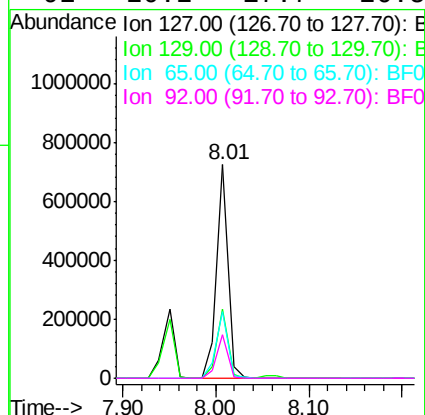
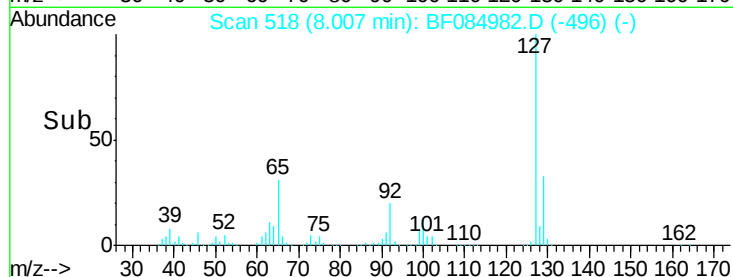
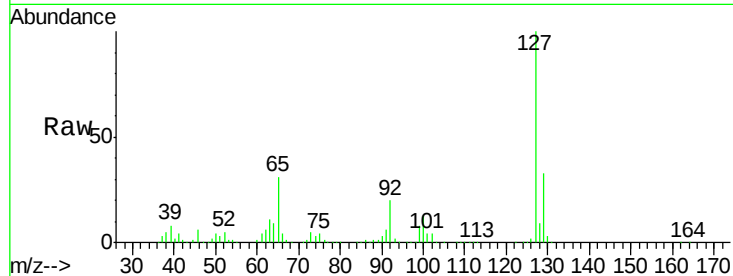
#33
4-Chloroaniline
Concen: 38.26 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		614109		
129	32.5	26.5	39.7		
65	31.4	27.2	40.8		
92	20.2	17.7	26.5		

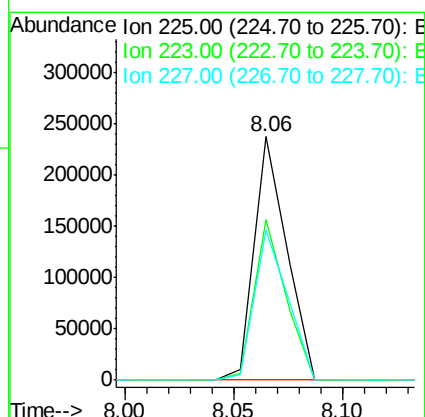
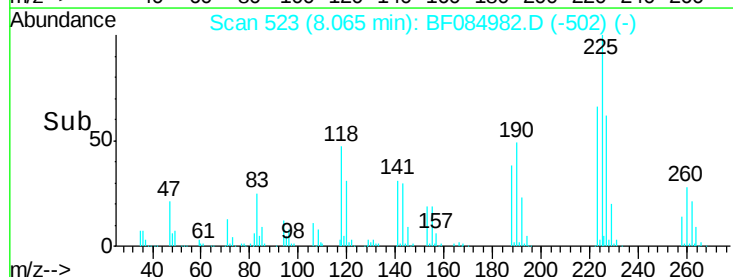
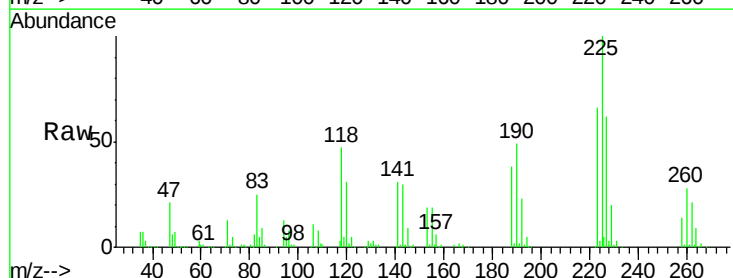
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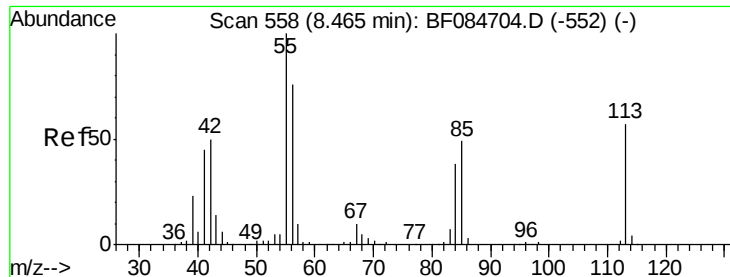
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#34
Hexachlorobutadiene
Concen: 35.03 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		246331		
223	66.0	49.4	74.0		
227	61.7	50.8	76.2		





#35

Caprolactam

Concen: 33.48 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

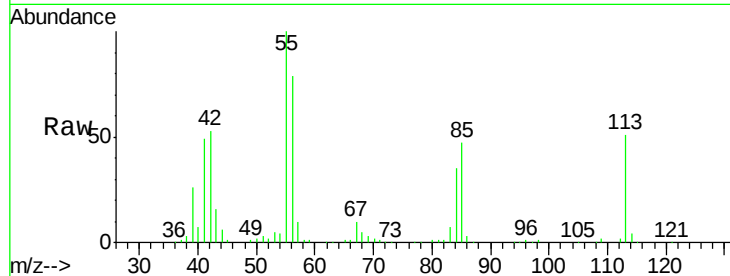
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	194.9		116.9	156.9#	
56	154.1		93.8	133.8#	

Manual Integrations
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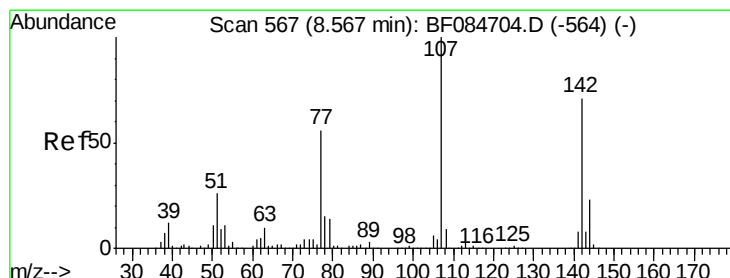
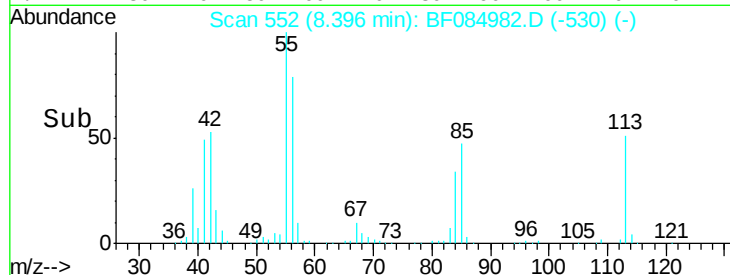
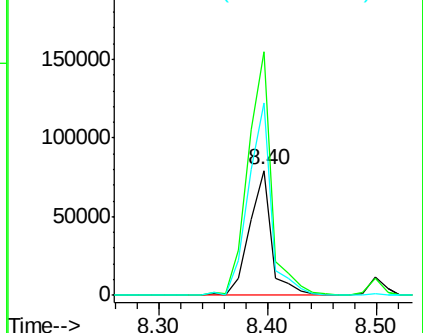
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.10 ng

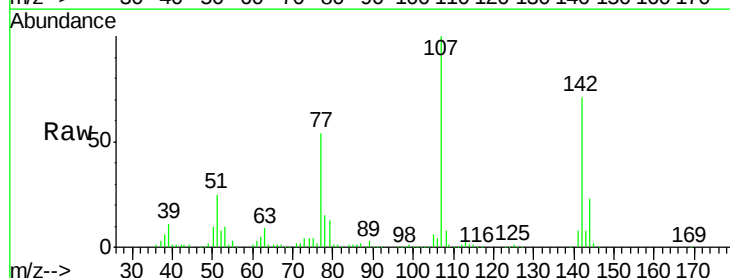
RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

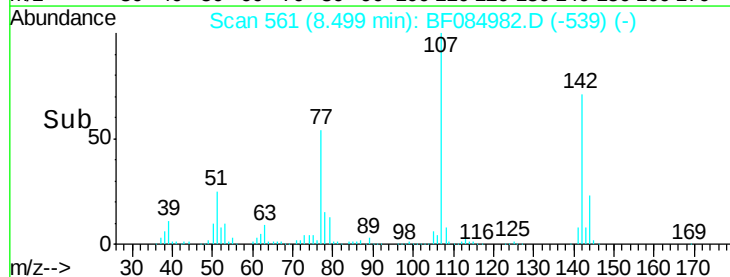
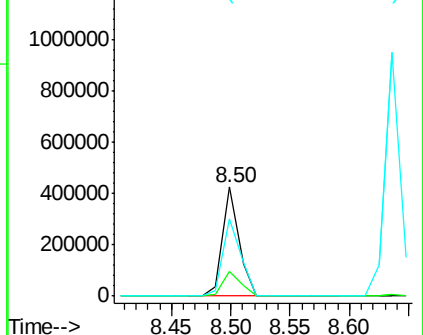
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.1		19.7	29.5	
142	71.0		61.8	92.6	

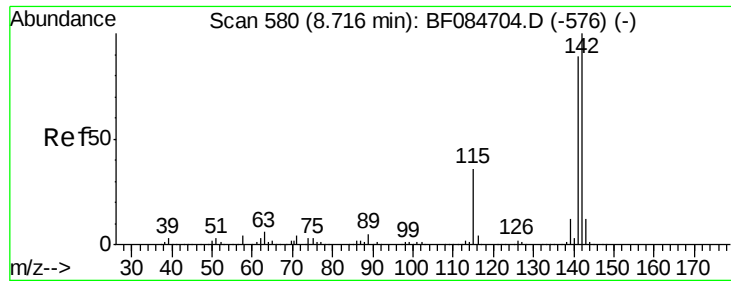


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





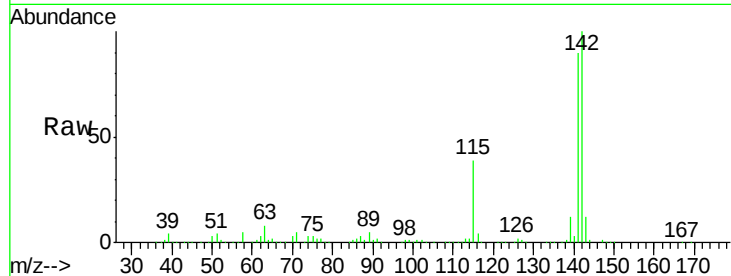
#37
2-Methylnaphthalene
Concen: 34.65 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.4	108.6
115	38.7	27.9	41.9

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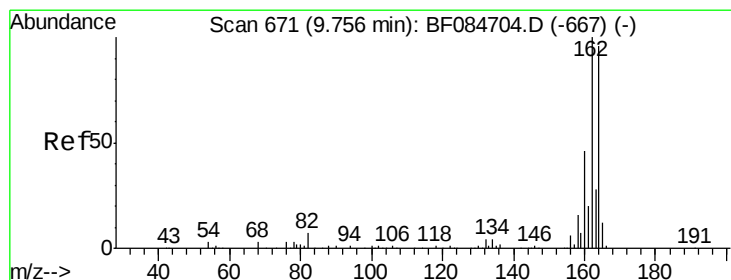
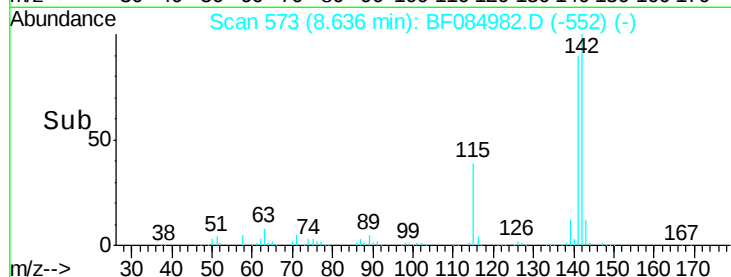
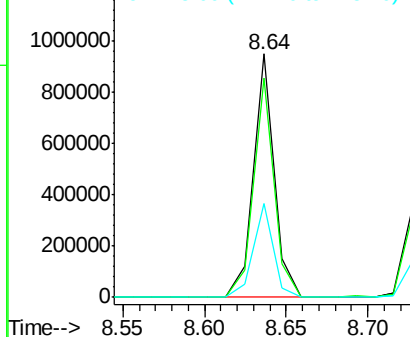


Abundance

Ion 142.00 (141.70 to 142.70): E

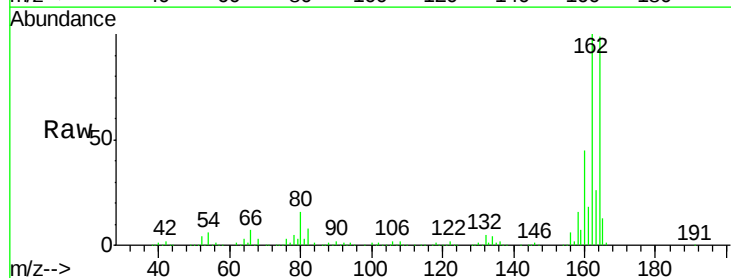
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	45.8	37.5	56.3

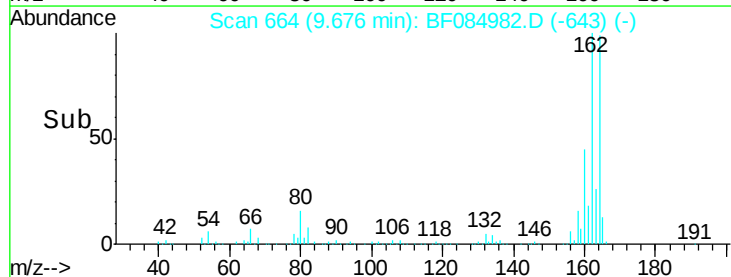
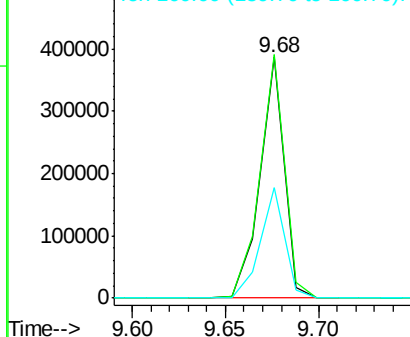


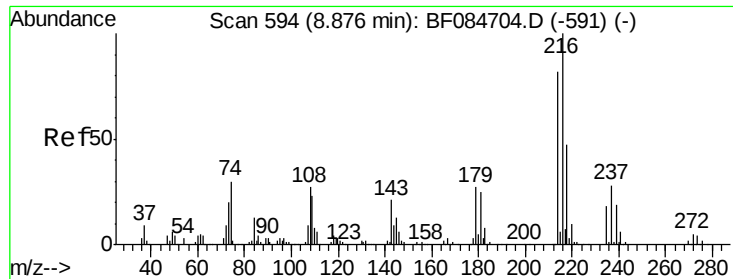
Abundance

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: 42.85 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

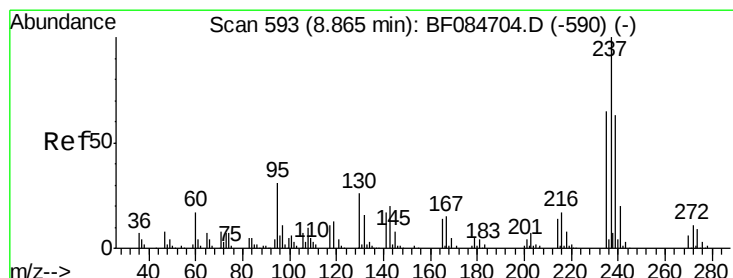
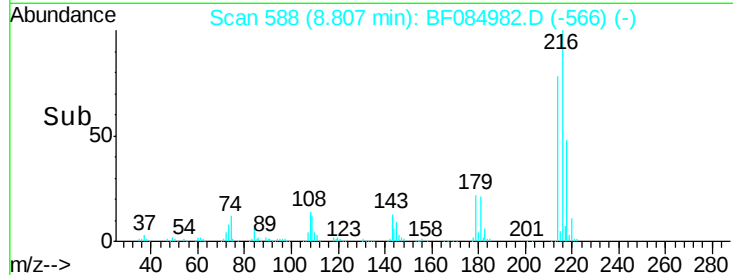
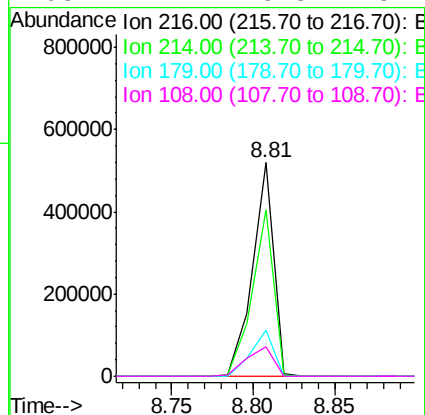
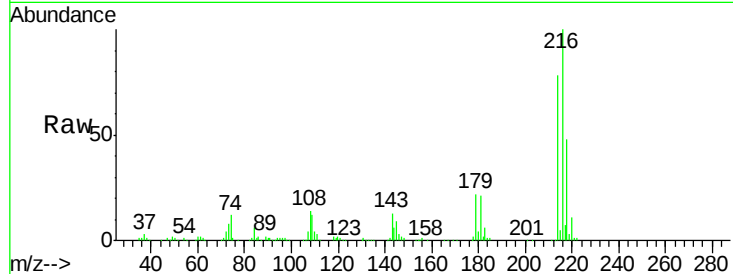
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		467537		
214	79.0		64.2	96.2	
179	23.1		18.7	28.1	
108	17.7		16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 13.24 ng

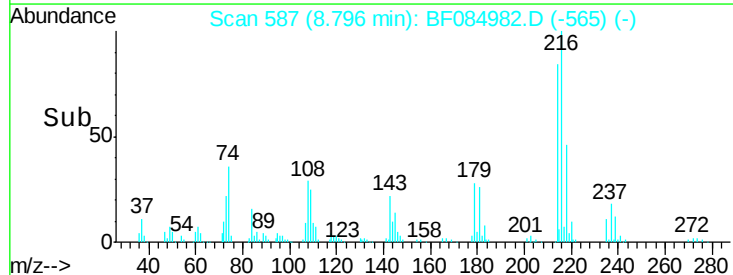
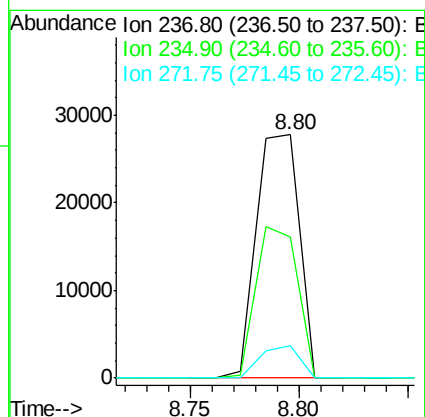
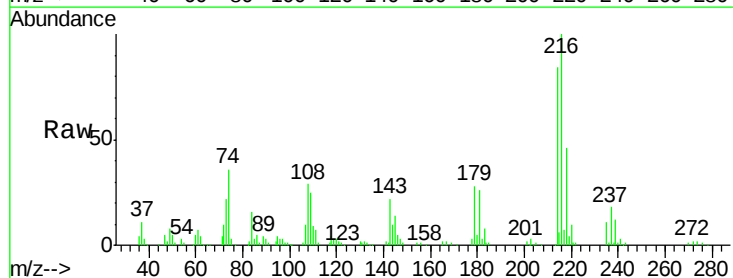
RT: 8.80 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		38287		
235	57.8		43.1	83.1	
272	13.6		0.0	35.1	





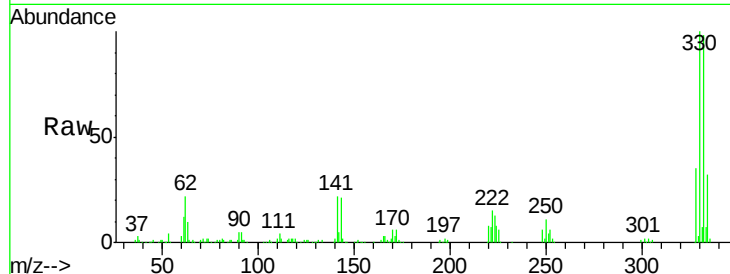
#41
 2,4,6-Tribromophenol
 Concen: 69.93 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

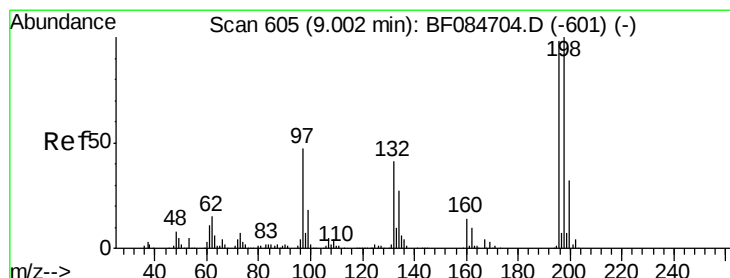
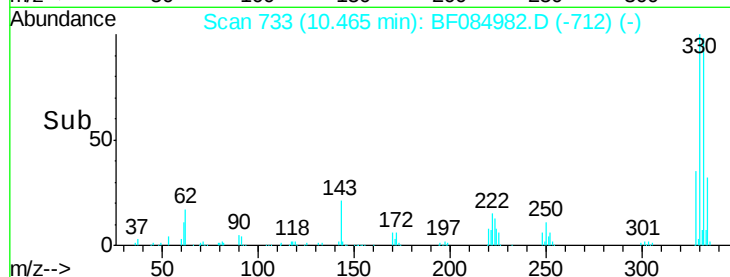
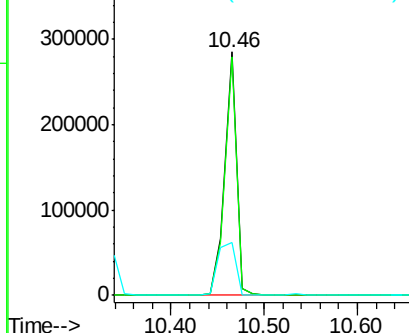
Tot Ion	Ratio	Resp	Lower	Upper
330	100	250585		
332	96.9		76.6	114.8
141	33.1		27.8	41.6

Manual Integrations
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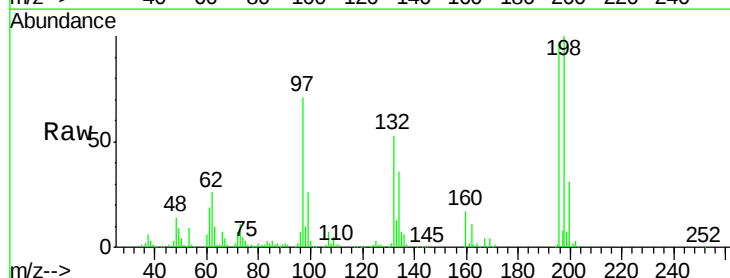


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

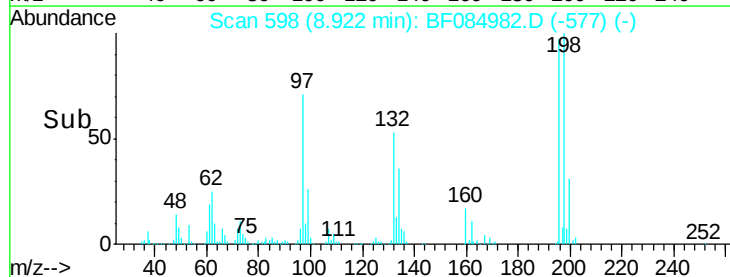
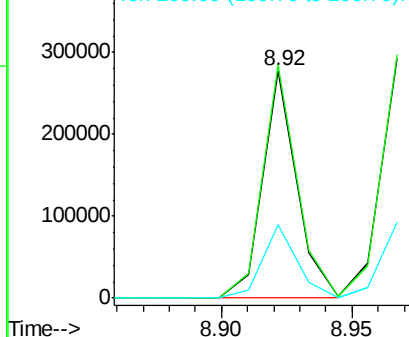


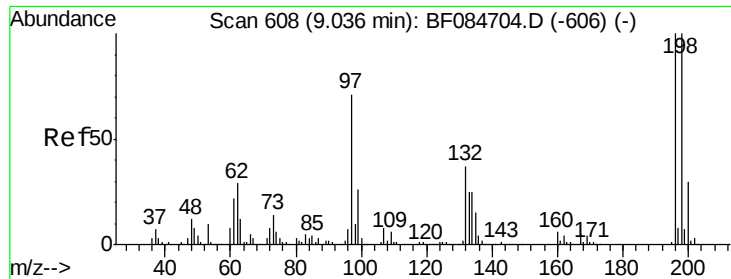
#42
 2,4,6-Trichlorophenol
 Concen: 35.44 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249094		
198	102.7		77.7	116.5
200	32.4		24.6	37.0



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





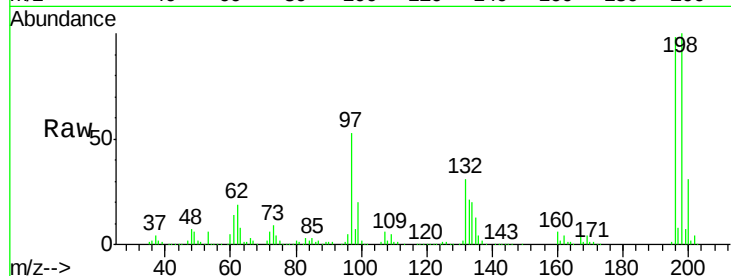
#43
 2,4,5-Trichlorophenol
 Concen: 36.17 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.6	79.0	118.6	
97	53.9	33.0	49.6	
132	31.3	21.1	31.7	

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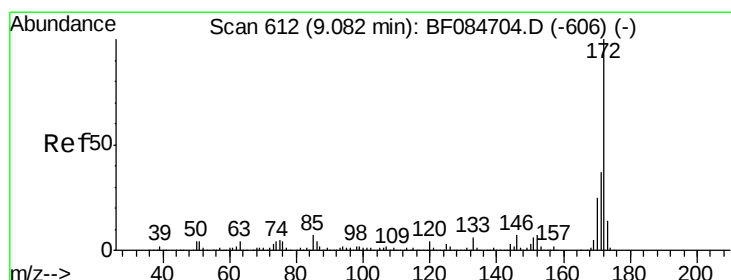
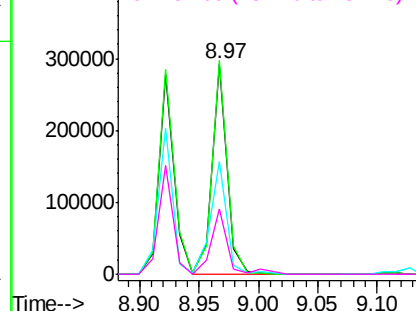
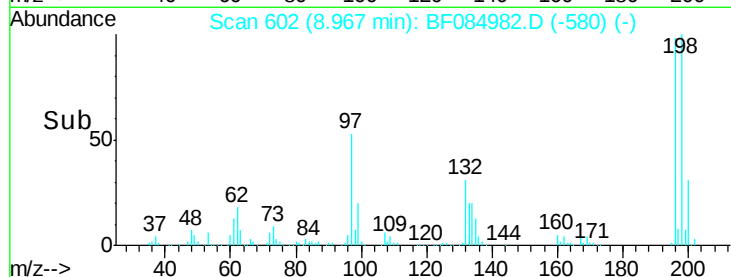
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

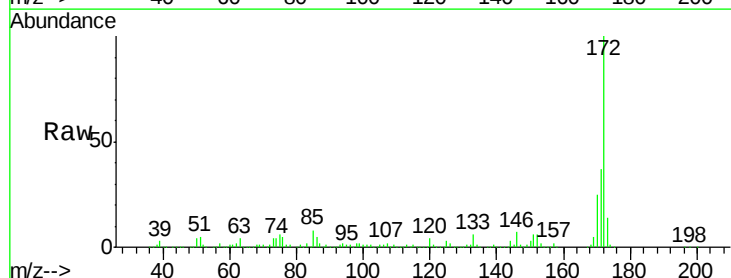
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.93 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	28.9	43.3	
170	24.8	18.6	27.8	

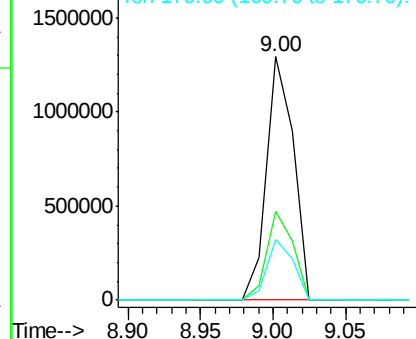
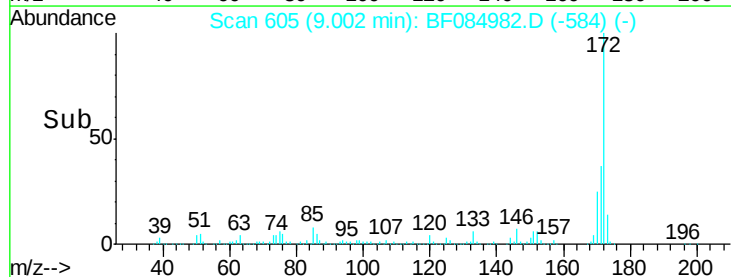


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.73 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1188440

Ion Ratio Lower Upper

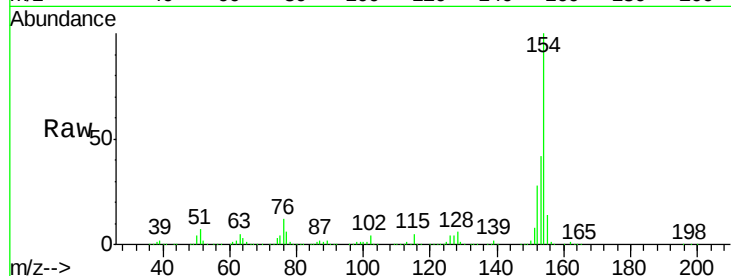
154 100

153 41.7 21.6 61.6

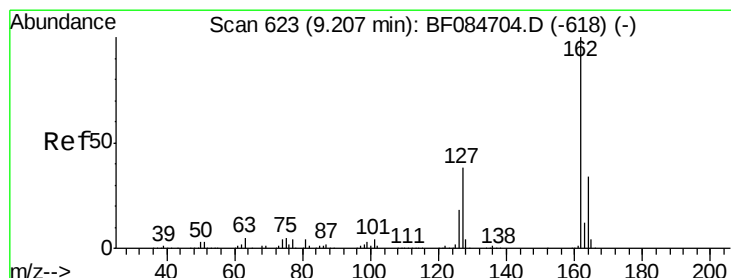
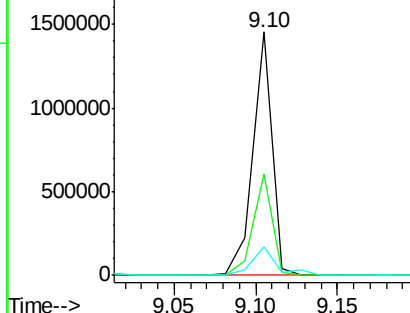
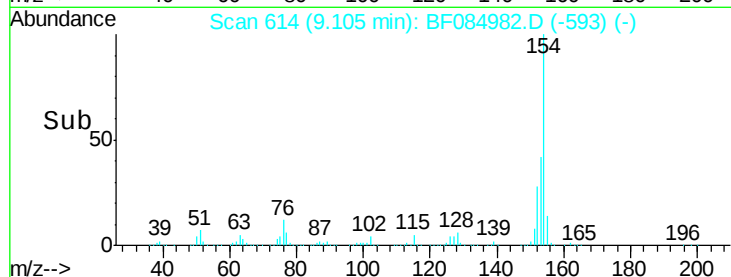
76 11.8 0.0 32.7

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Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.63 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

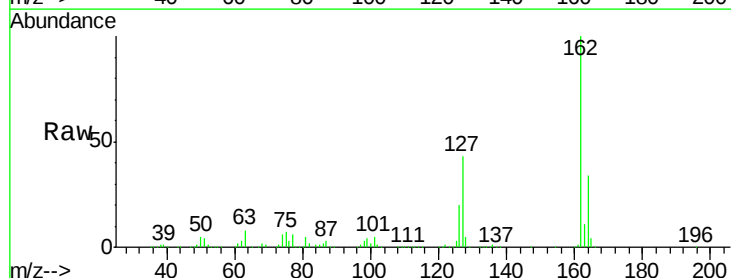
Tgt Ion:162 Resp: 895616

Ion Ratio Lower Upper

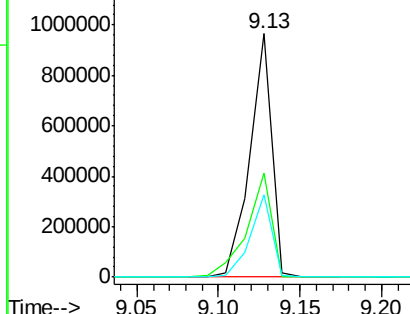
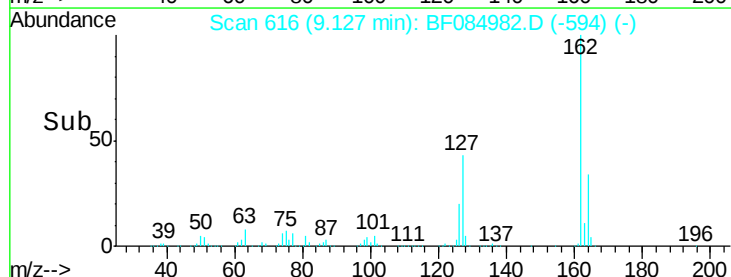
162 100

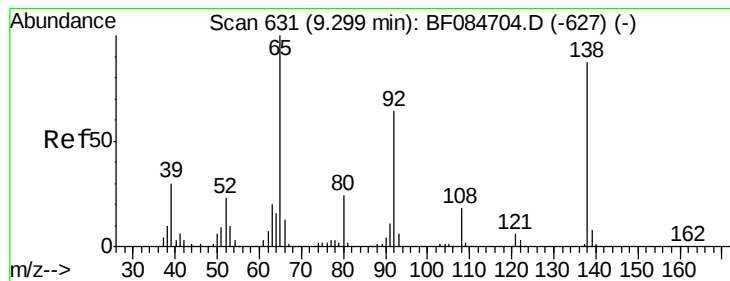
127 42.6 40.2 60.4

164 33.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
1200000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





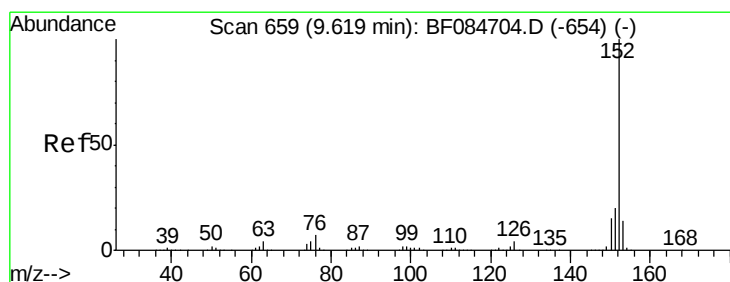
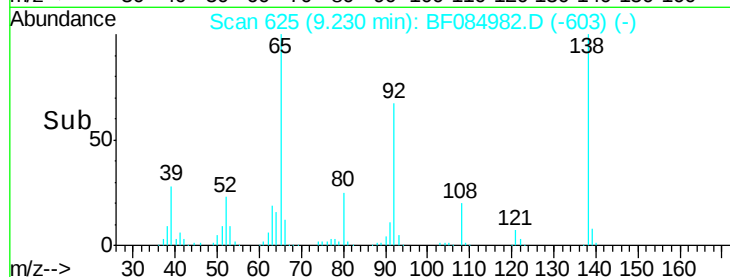
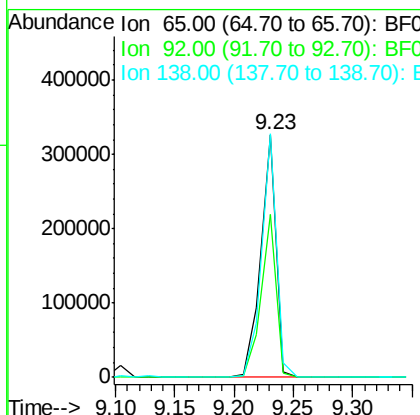
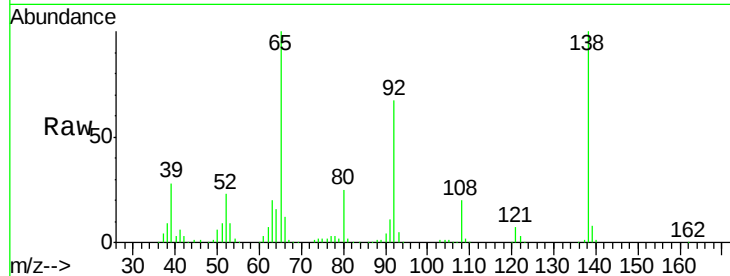
#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.4	80.2
138	100.4	71.1	106.7

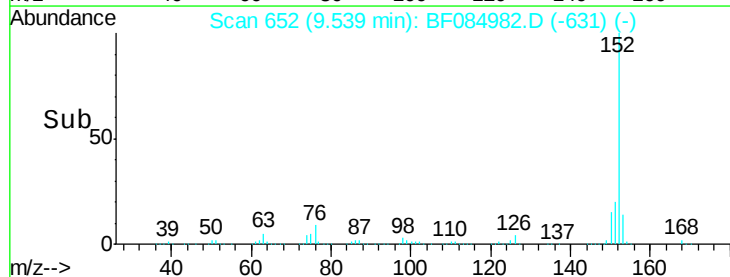
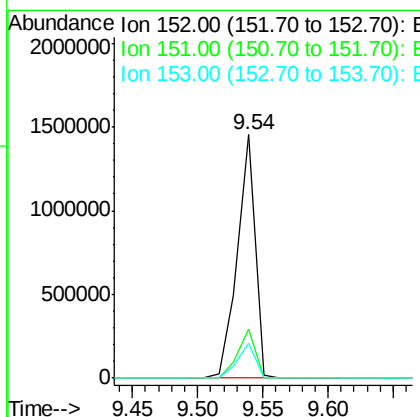
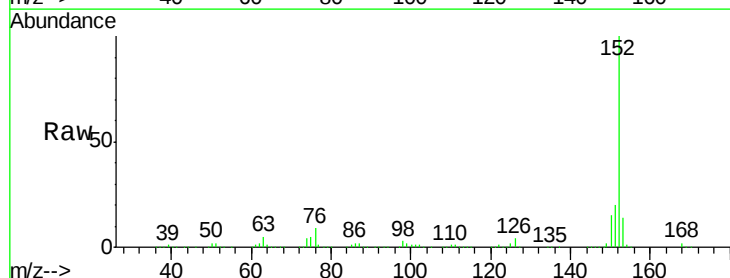
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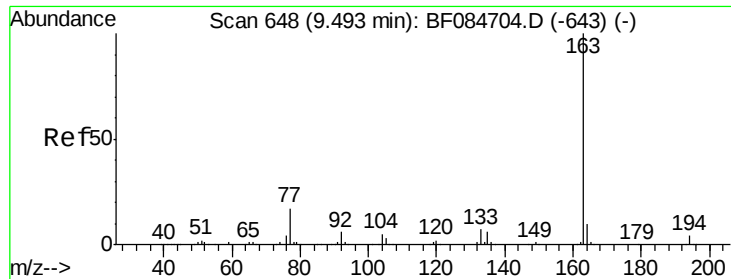
Sohil
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#48
Acenaphthylene
Concen: 39.70 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.3	10.4	15.6





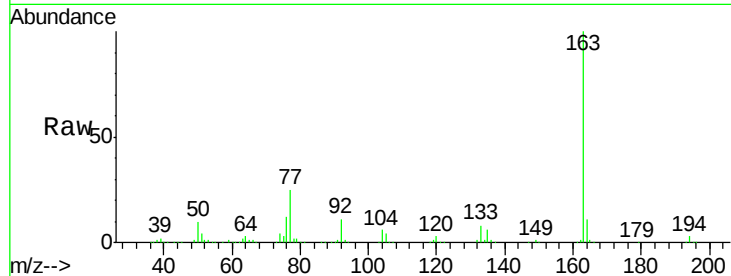
#49
Dimethylphthalate
Concen: 36.37 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

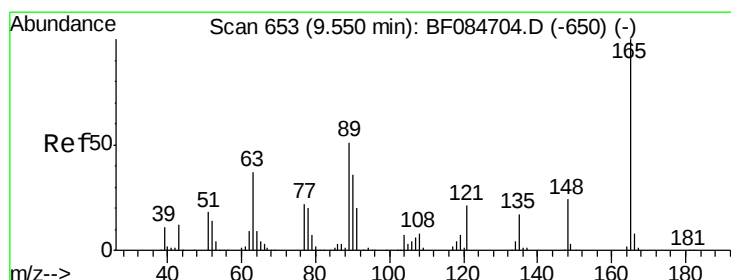
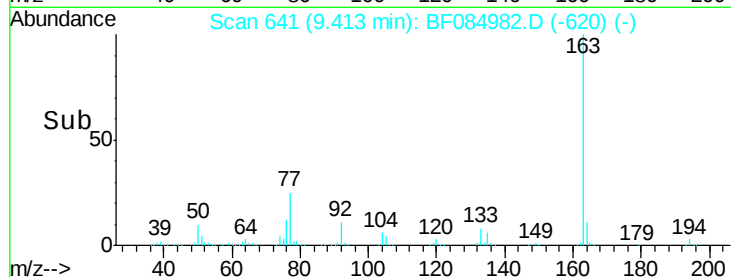
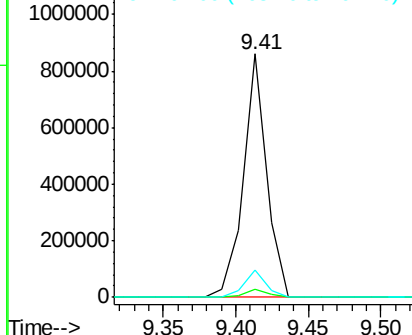
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	11.0	8.0	12.0

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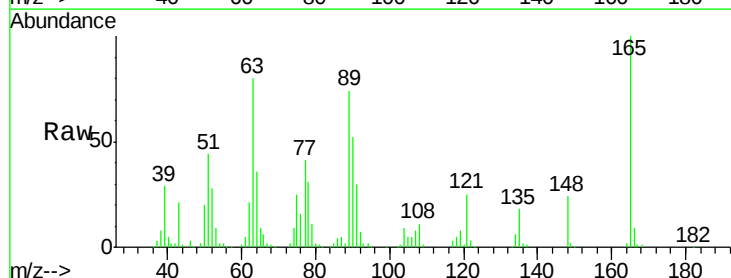


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

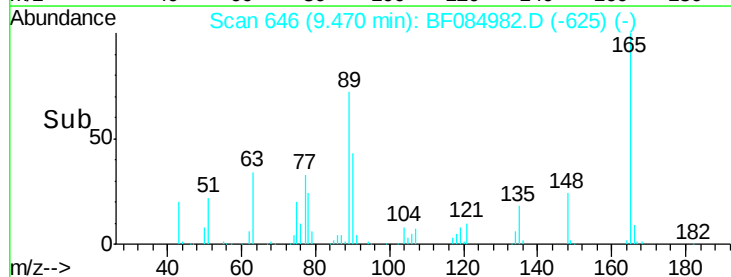
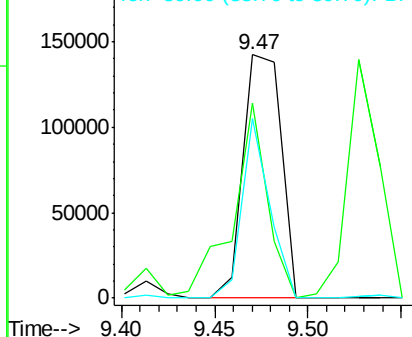


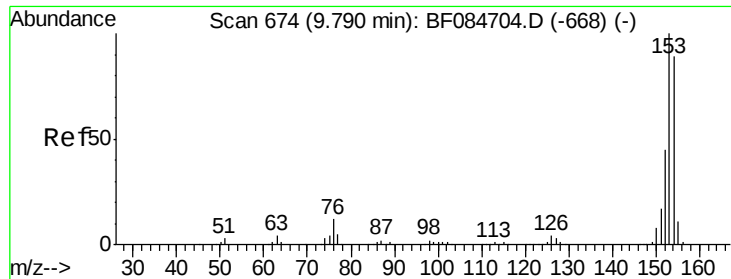
#50
2,6-Dinitrotoluene
Concen: 35.23 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	79.8	28.8	43.2#
89	74.0	35.1	52.7#



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





#51

Acenaphthene

Concen: 37.80 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

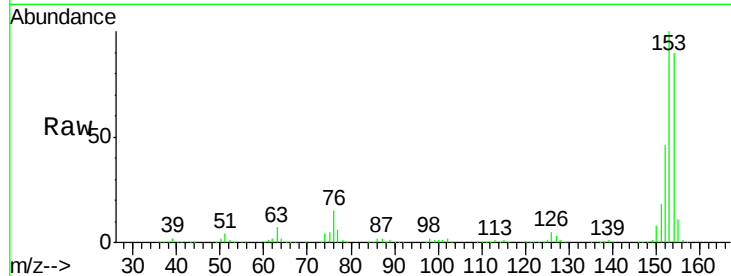
ClientSampleId :

SSTDCCC040EC

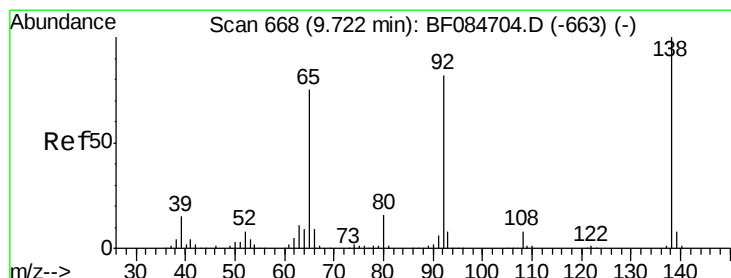
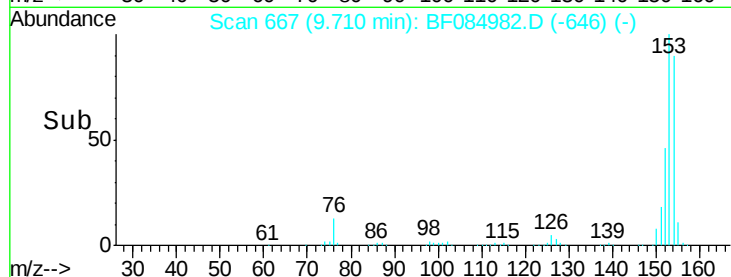
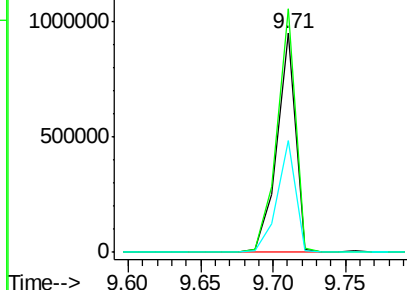
Tot Ion:	154	Resp:	843387
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.5	137.3
152	50.8	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.17 ng

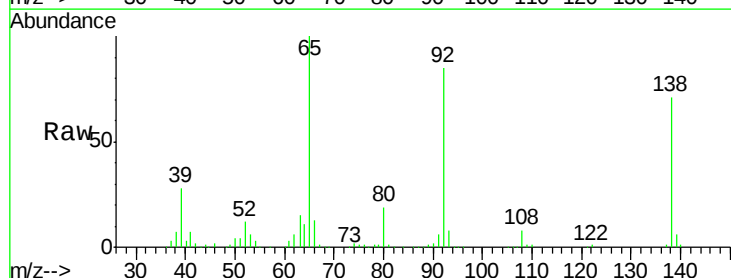
RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

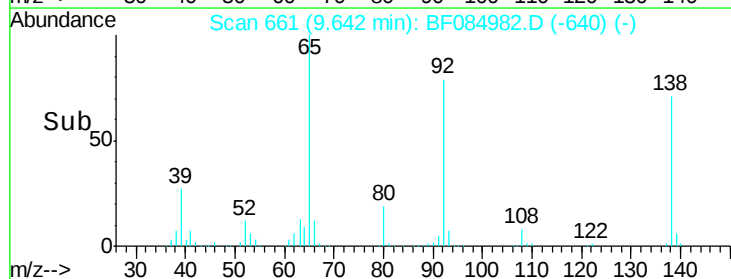
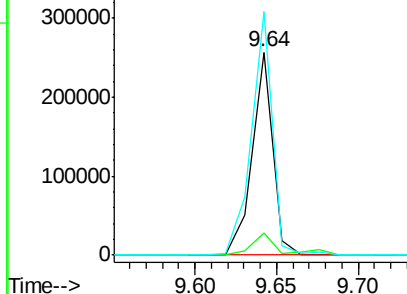
Lab File: BF084982.D

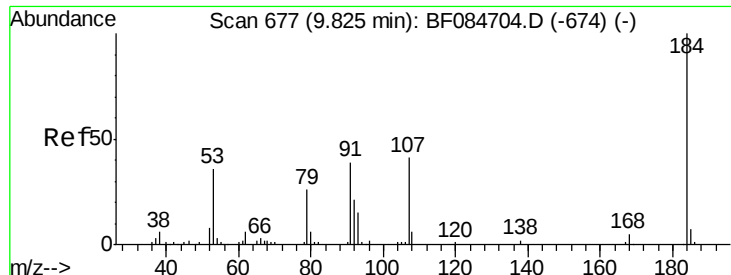
Acq: 10 Feb 2016 5:14

Tgt Ion:	138	Resp:	225922
Ion Ratio	Lower	Upper	
138	100		
108	11.2	10.5	15.7
92	119.8	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





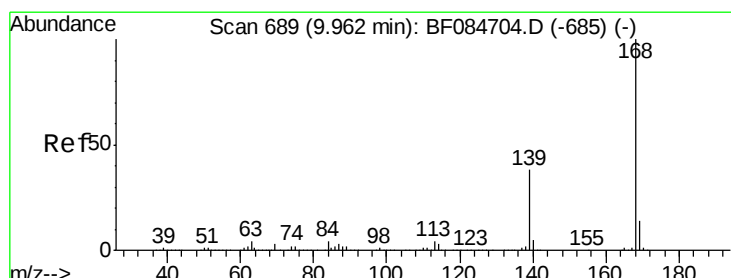
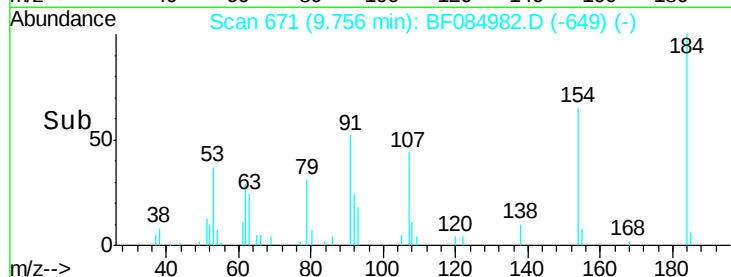
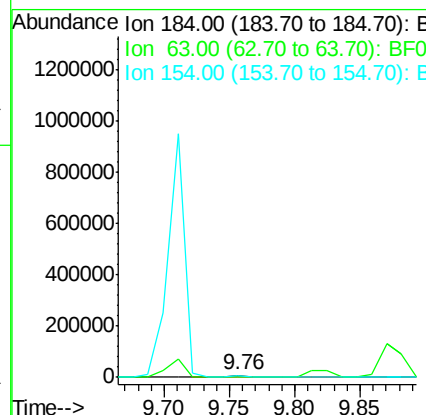
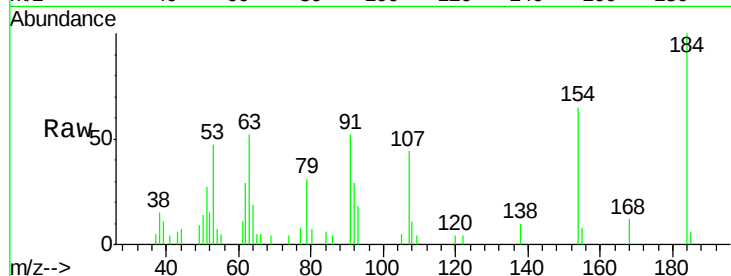
#53
2,4-Dinitrophenol
Concen: 9.13 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.0	43.1	64.7
154	65.1	60.5	90.7

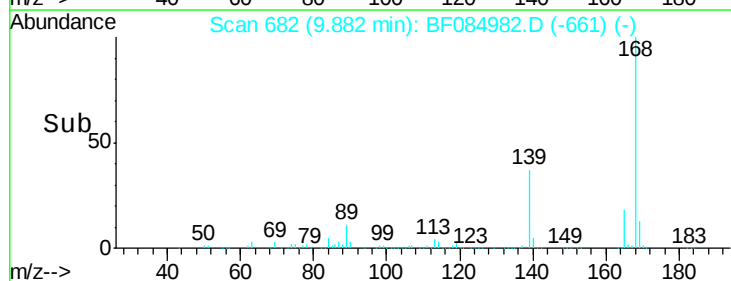
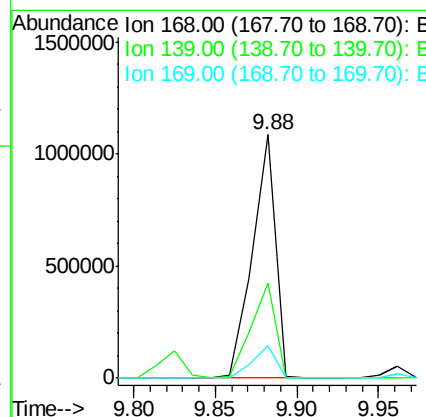
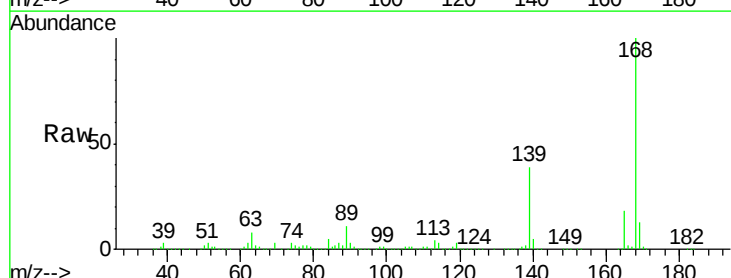
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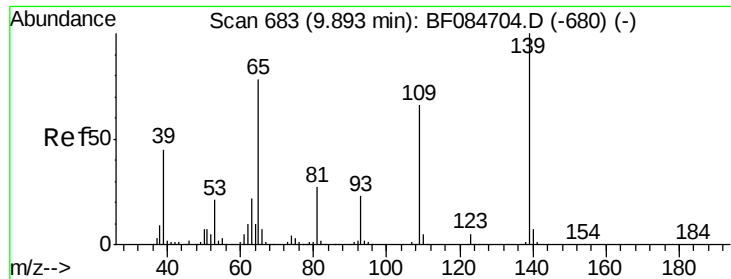
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#54
Dibenzofuran
Concen: 39.03 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.5	45.7
169	13.4	10.4	15.6





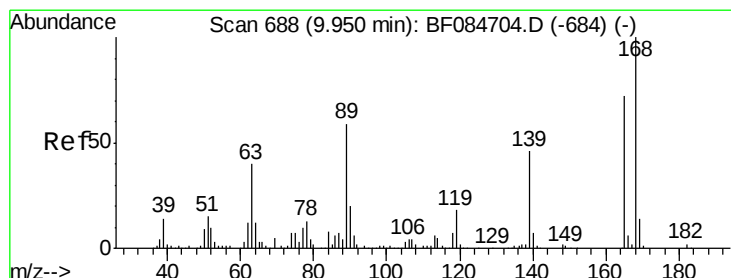
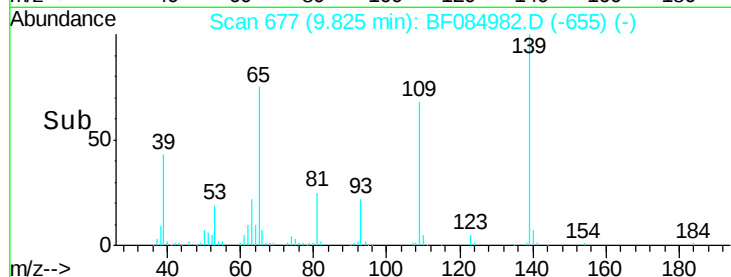
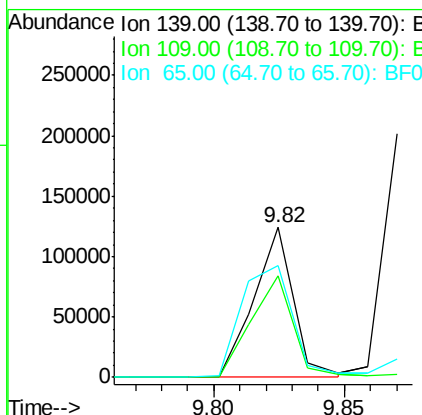
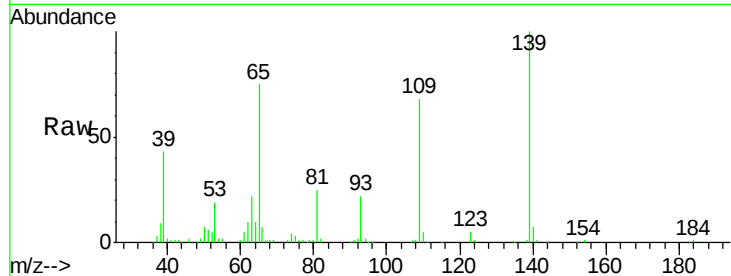
#55
4-Nitrophenol
Concen: 27.98 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	132069		
109	67.7	58.5	98.5	
65	74.9	57.6	97.6	

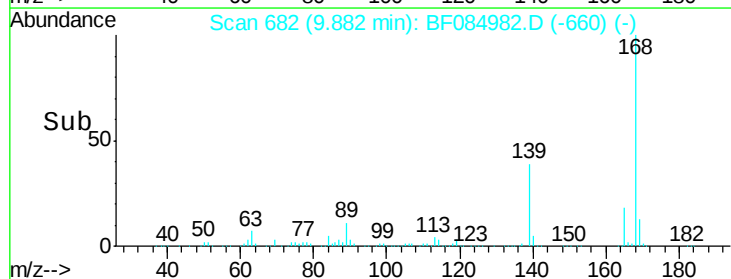
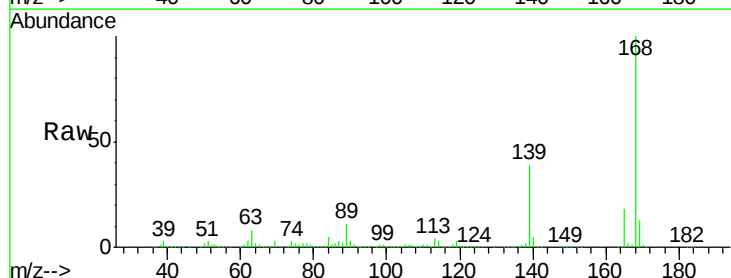
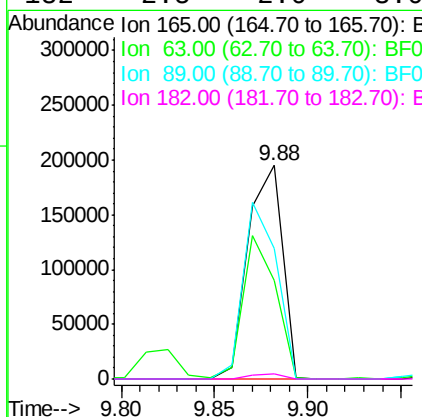
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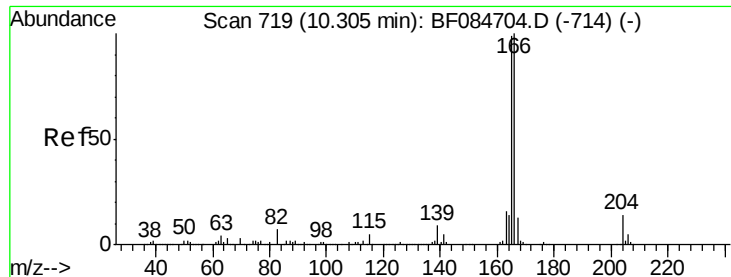
Sohil
2/10/2016 1:45:30 PM



#56
2,4-Dinitrotoluene
Concen: 34.25 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249744		
63	46.3	36.7	55.1	
89	61.4	61.9	92.9	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 39.65 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

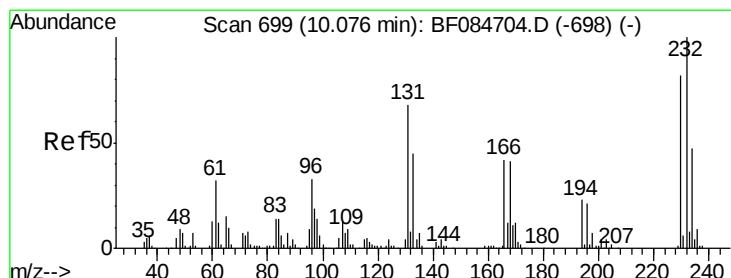
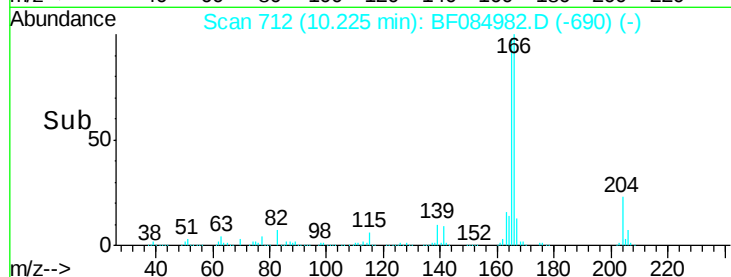
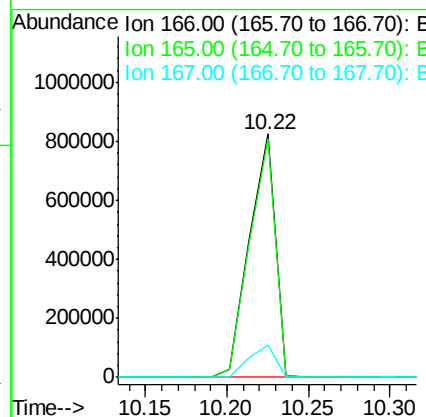
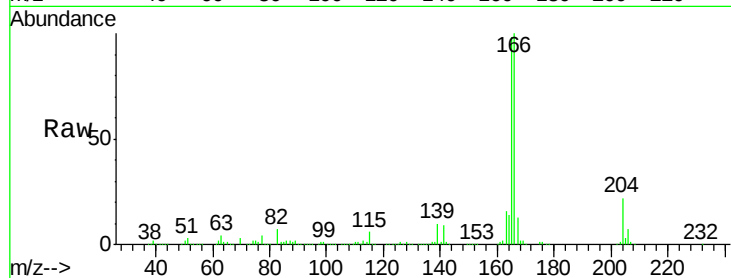
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	902754
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.1	118.7
167	13.3	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.75 ng

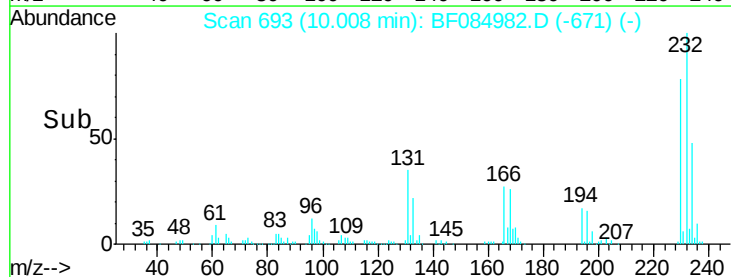
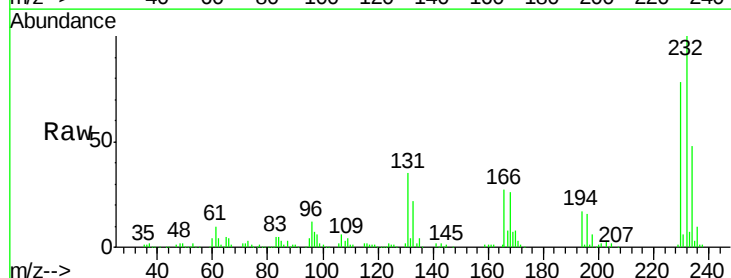
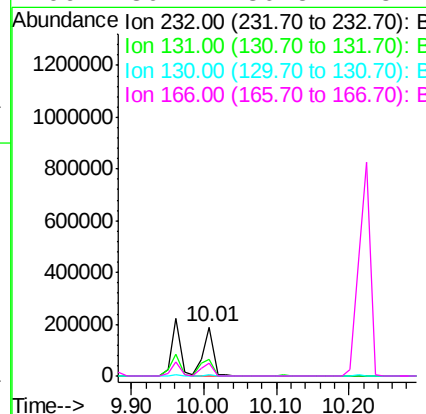
RT: 10.01 min Scan# 693

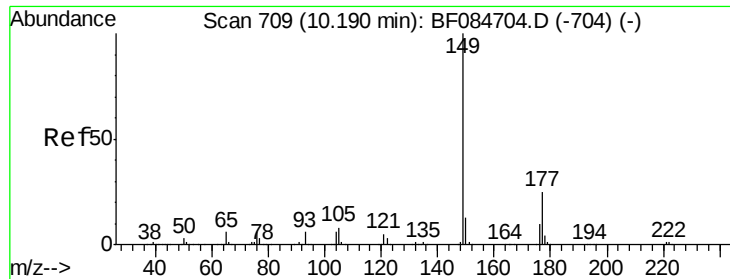
Delta R.T. -0.05 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	232	Resp:	183502
Ion Ratio	Lower	Upper	
232	100		
131	46.0	47.0	70.6#
130	2.2	2.0	3.0
166	30.7	30.5	45.7





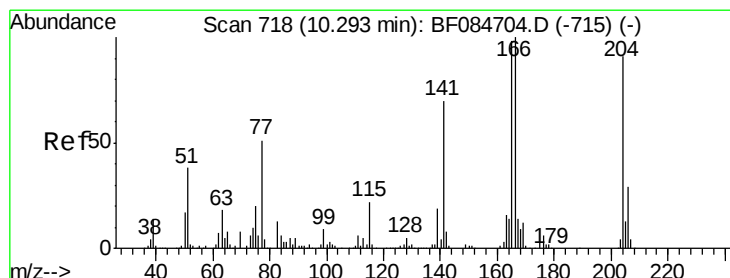
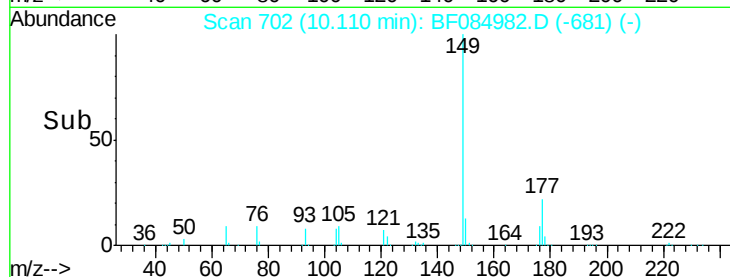
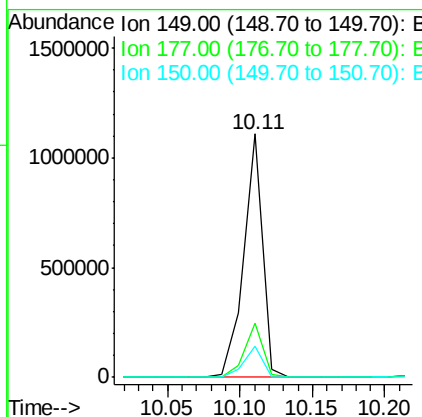
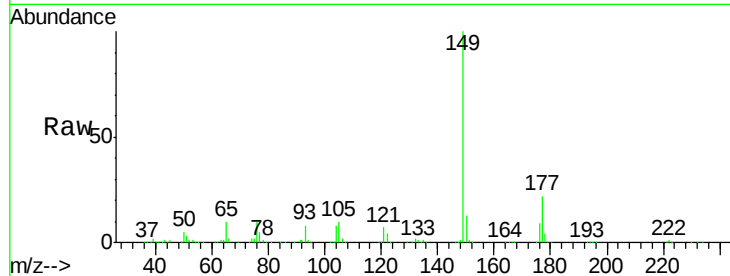
#59
Diethylphthalate
Concen: 39.10 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	999023		
177	22.3	17.3	25.9	
150	12.9	9.8	14.8	

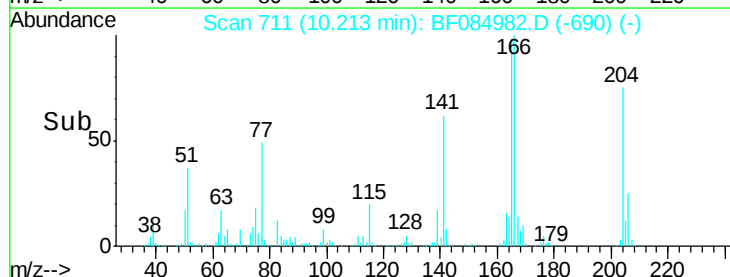
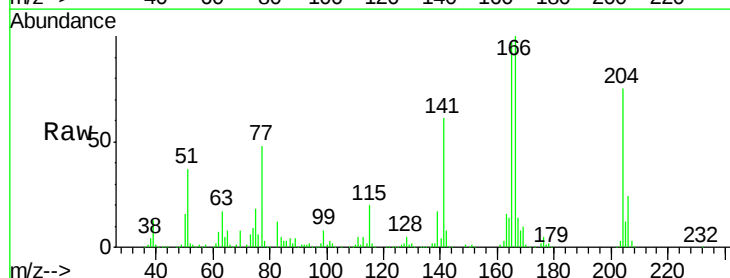
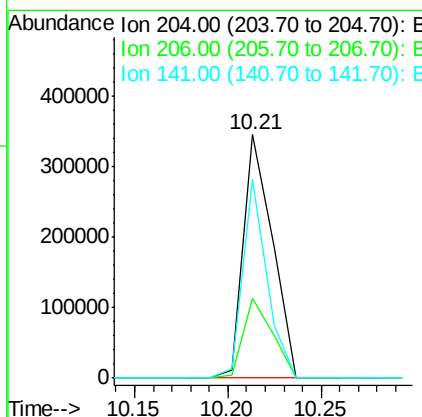
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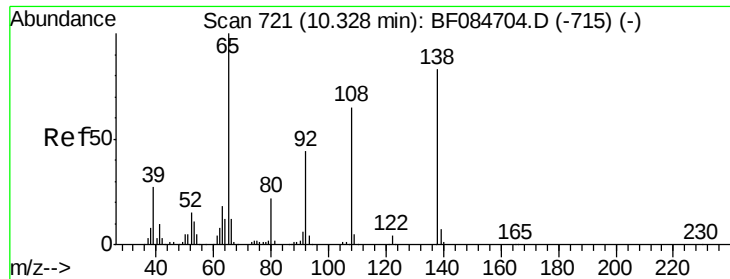
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.65 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	371576		
206	32.6	25.7	38.5	
141	81.7	55.1	82.7	





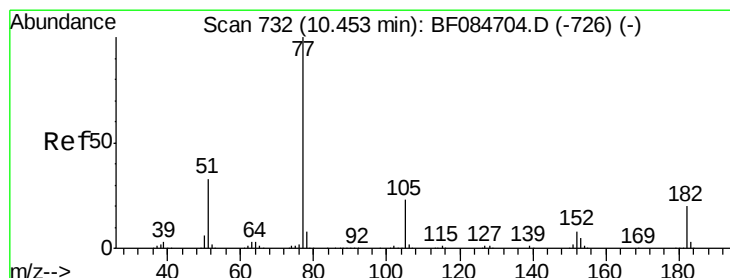
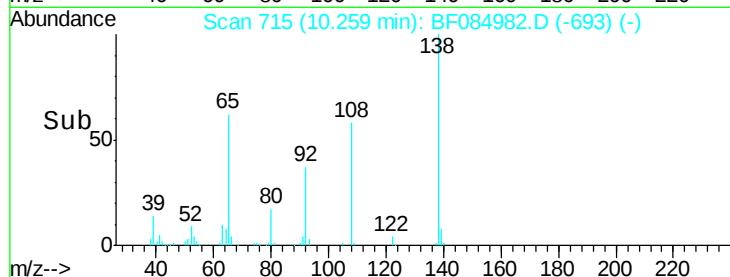
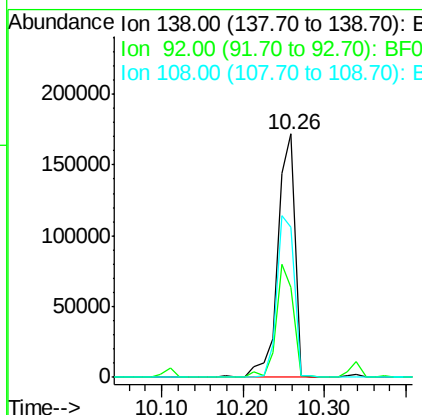
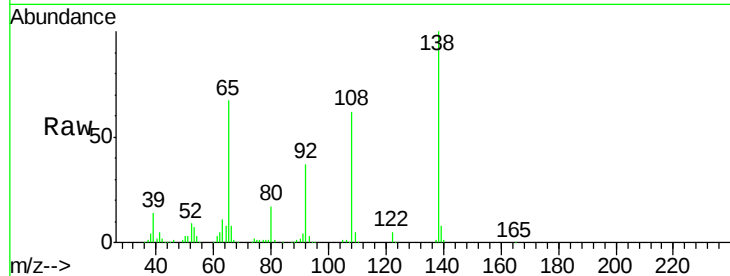
#61
4-Nitroaniline
Concen: 40.41 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	37.2	32.6	72.6
108	61.7	68.6	108.6

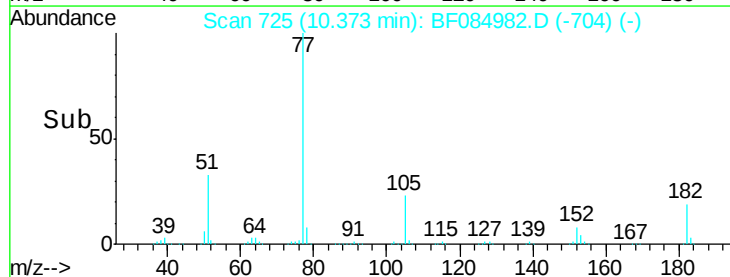
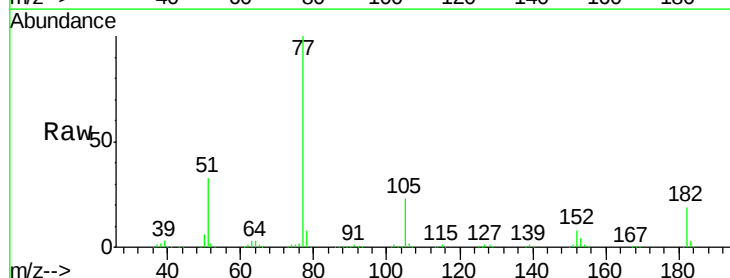
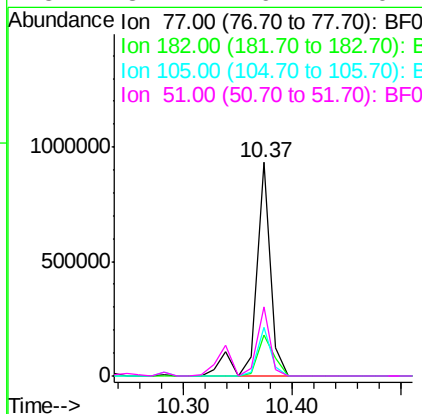
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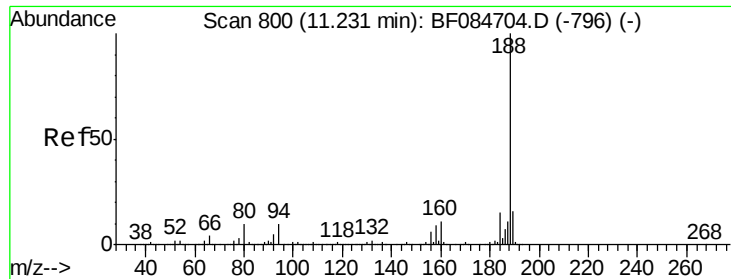
Sohil
2/10/2016 1:45:30 PM



#62
Azobenzene
Concen: 35.64 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.0	8.3	48.3
105	22.8	4.6	44.6
51	32.7	6.2	46.2





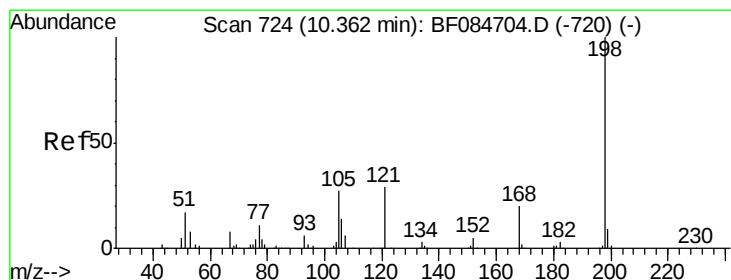
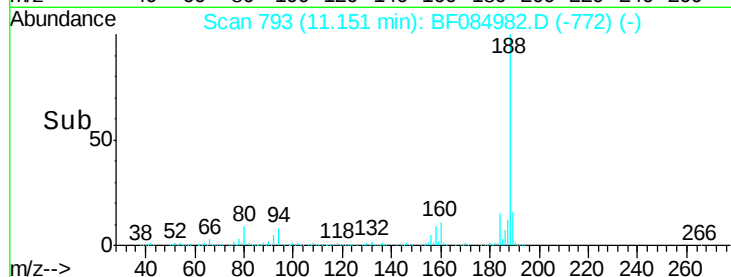
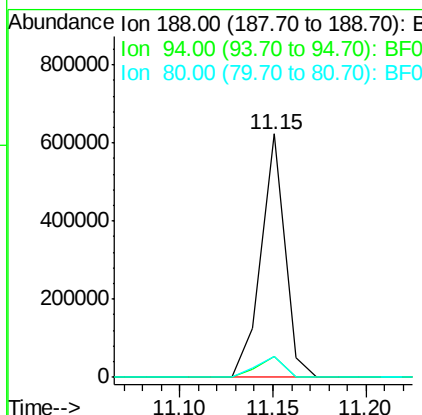
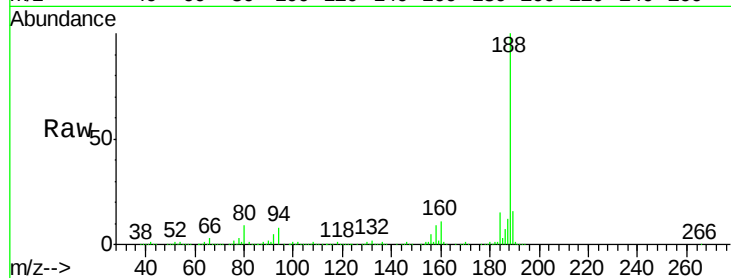
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.6	9.6	14.4#

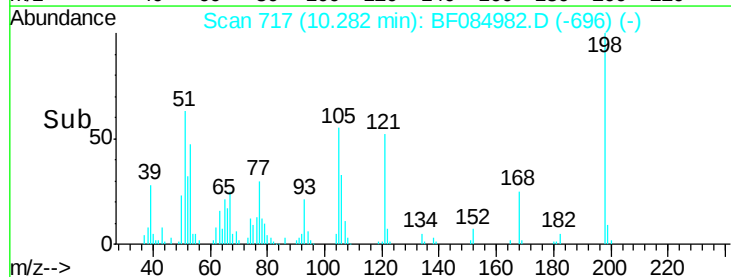
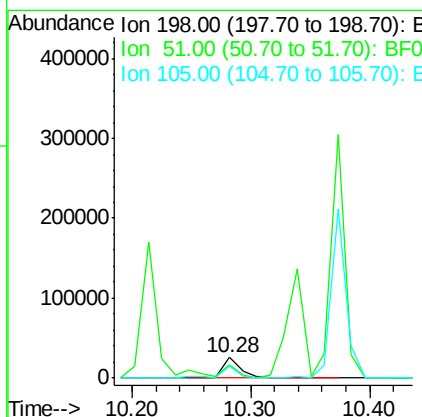
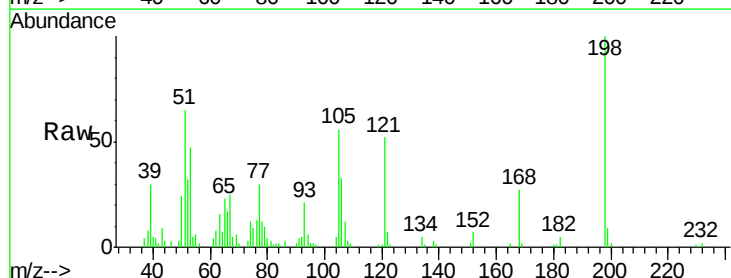
Manual Integrations
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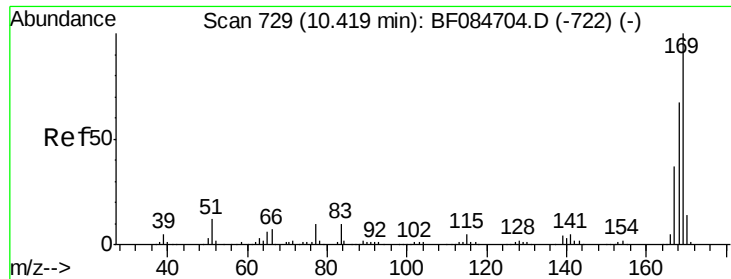
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.95 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	64.7	18.9	58.9#
105	56.4	26.4	66.4





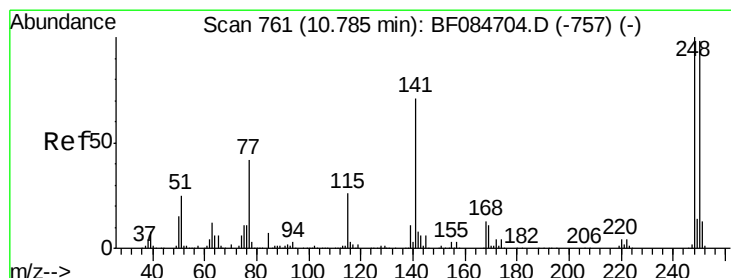
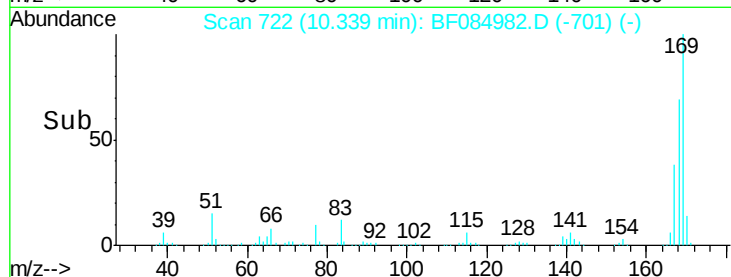
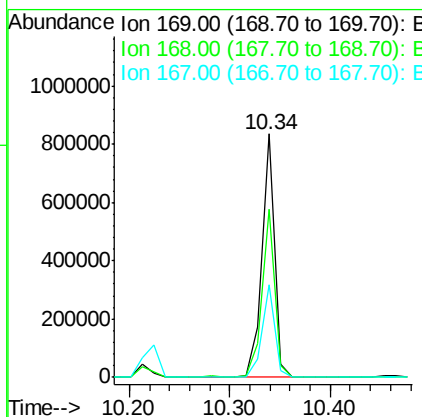
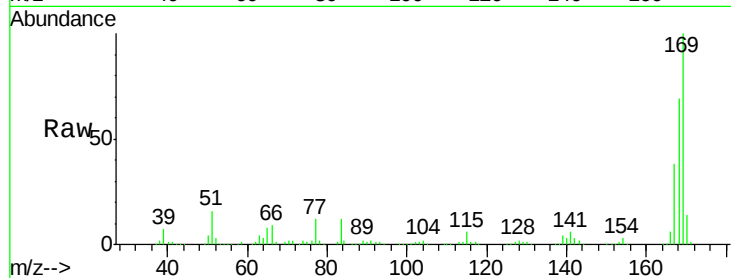
#65
 n-Nitrosodiphenylamine
 Concen: 41.68 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	728968		
168	68.8	55.1	82.7	
167	37.8	30.0	45.0	

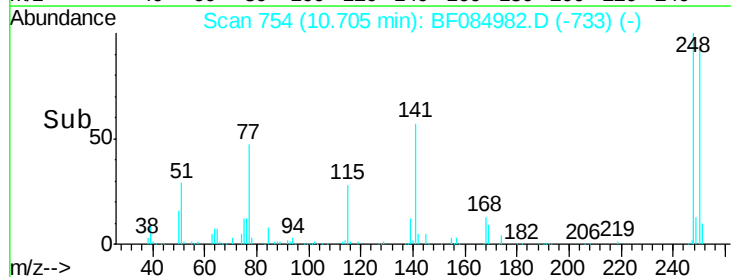
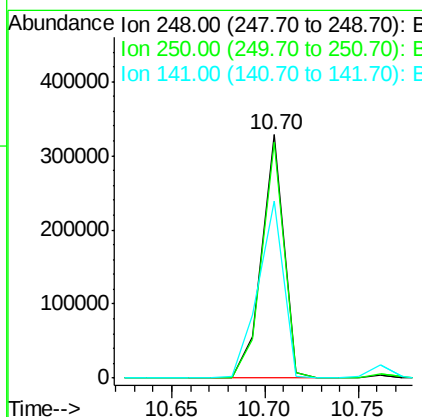
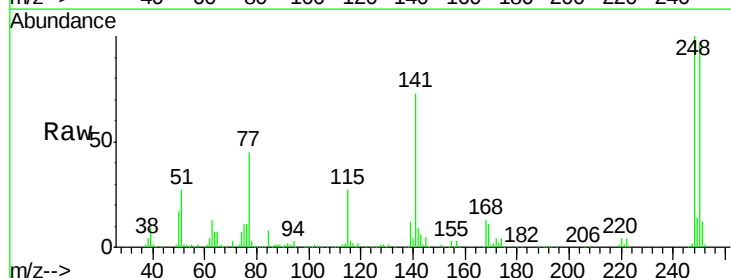
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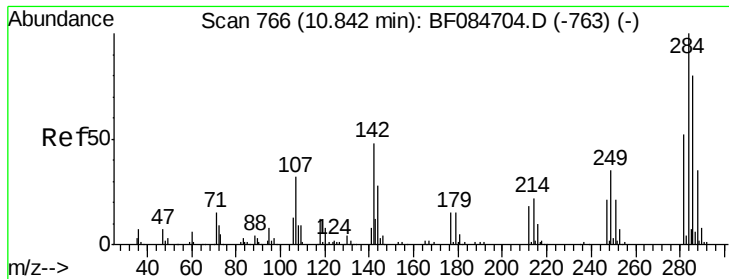
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 44.28 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269419		
250	97.1	78.4	117.6	
141	72.8	44.0	66.0	#





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

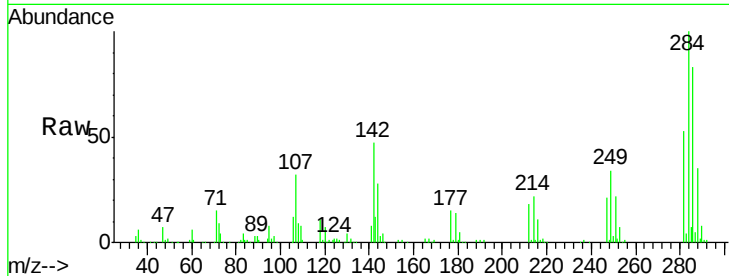
ClientSampleId :

SSTDCCC040EC

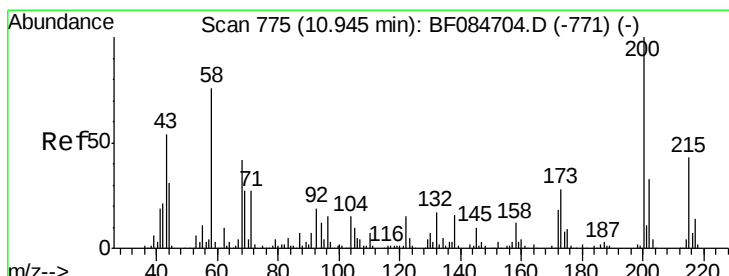
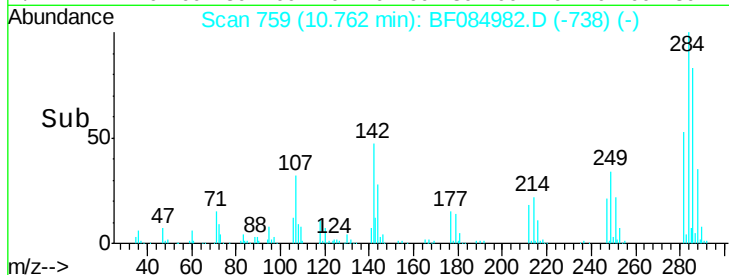
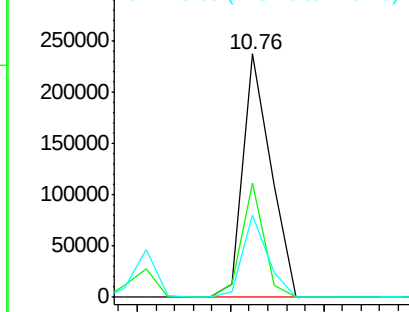
Tot Ion:	284	Resp:	247243
Ion Ratio	Lower	Upper	
284	100		
142	47.0	22.2	33.4#
249	33.9	24.6	37.0

Manual Integrations
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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: 38.08 ng

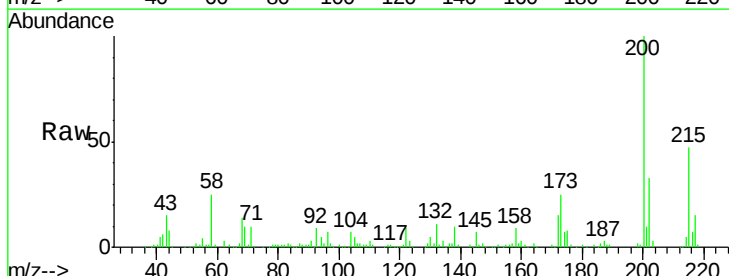
RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

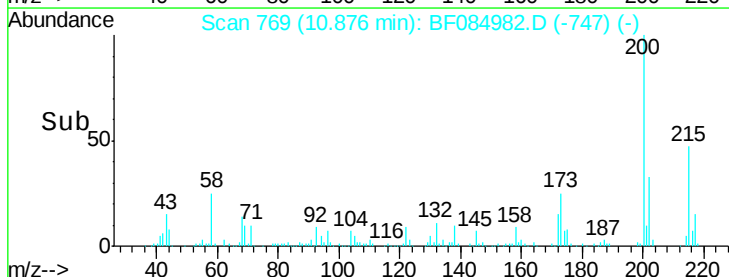
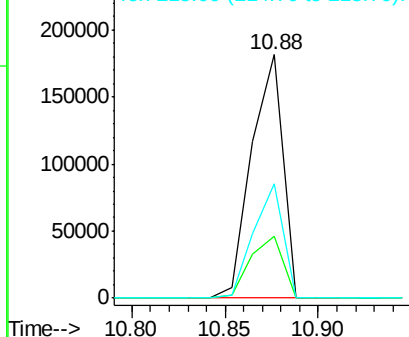
Lab File: BF084982.D

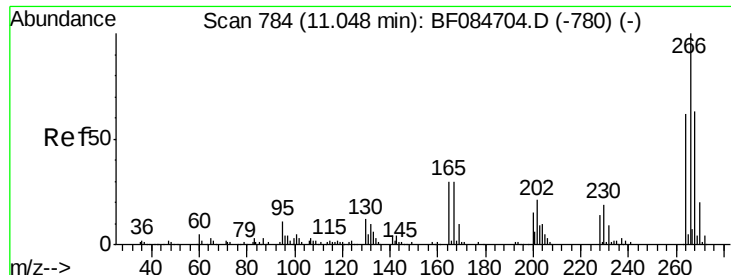
Acq: 10 Feb 2016 5:14

Tgt Ion:	200	Resp:	210330
Ion Ratio	Lower	Upper	
200	100		
173	25.2	9.5	49.5
215	47.0	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





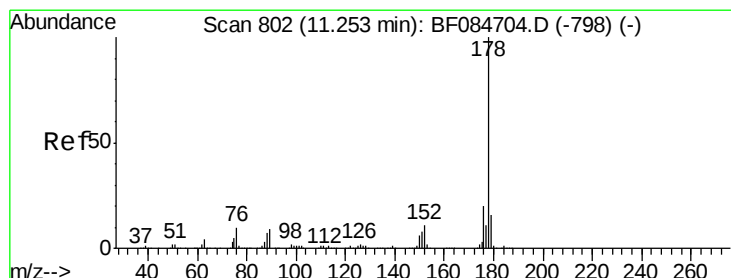
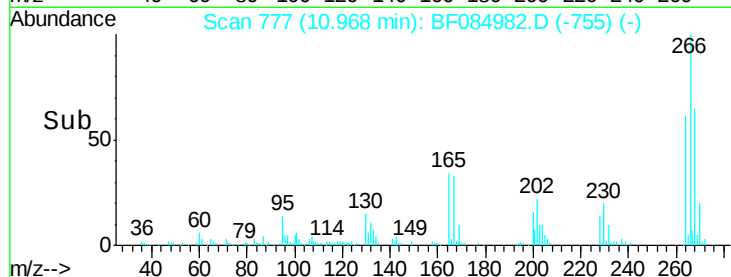
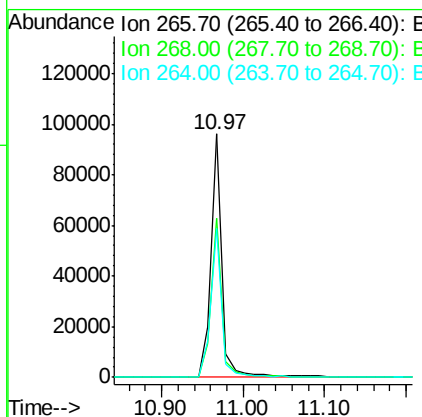
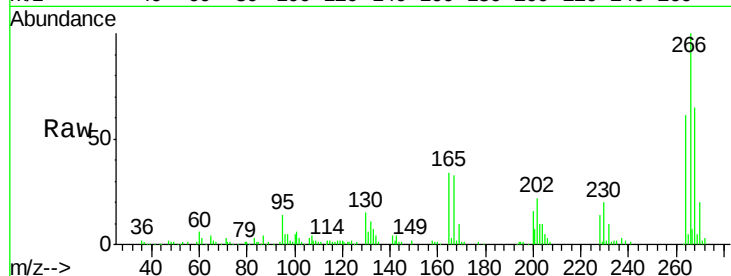
#69
 Pentachlorophenol
 Concen: 29.93 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.4	78.6
264	61.3	50.2	75.2

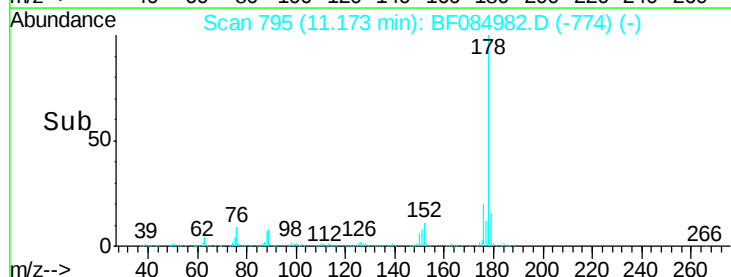
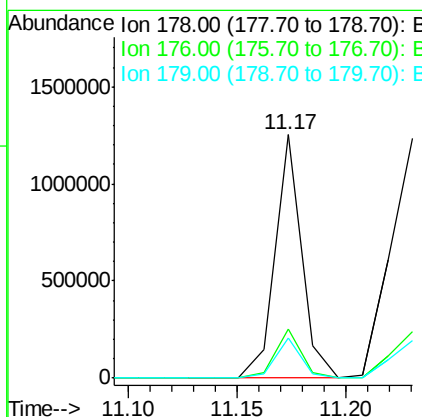
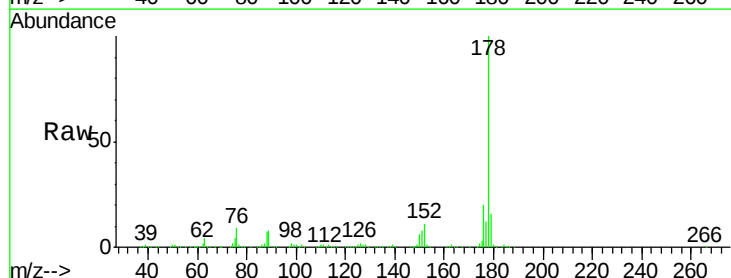
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#70
 Phenanthrene
 Concen: 35.29 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	16.2	12.0	18.0





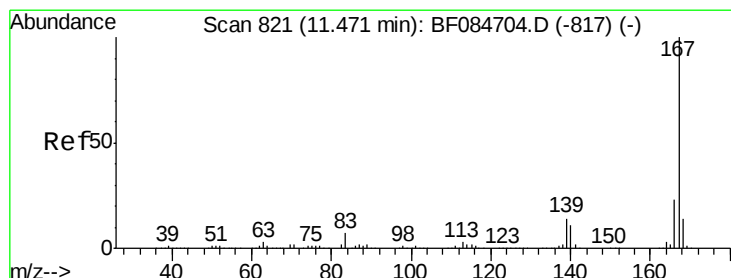
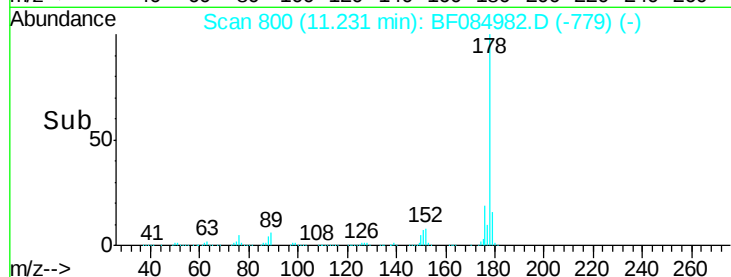
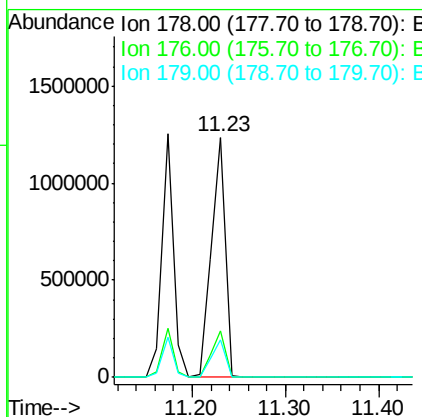
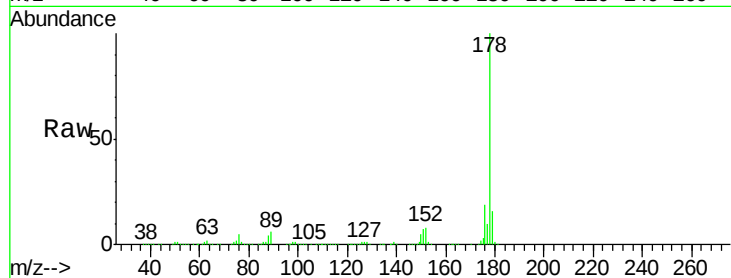
#71
 Anthracene
 Concen: 41.76 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1285494
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.6 12.5 18.7

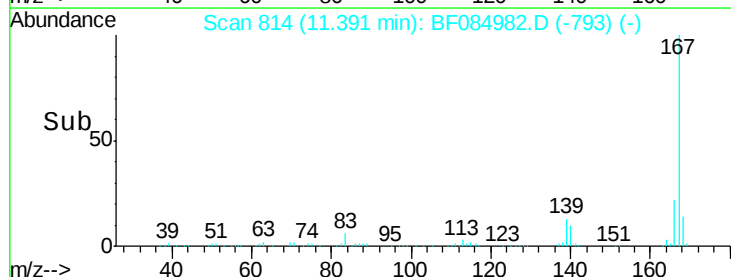
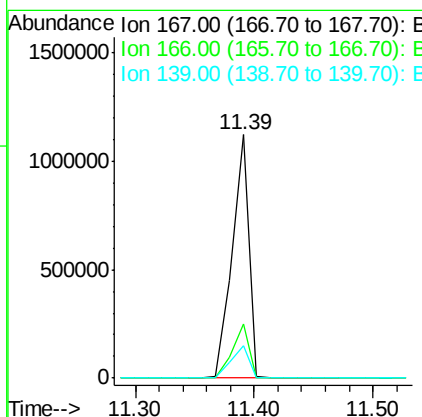
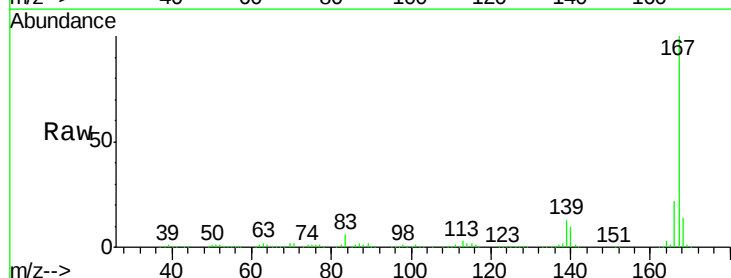
Manual Integrations
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#72
 Carbazole
 Concen: 40.79 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion:167 Resp: 1095080
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.4 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.25 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1375628

Ion Ratio Lower Upper

149 100

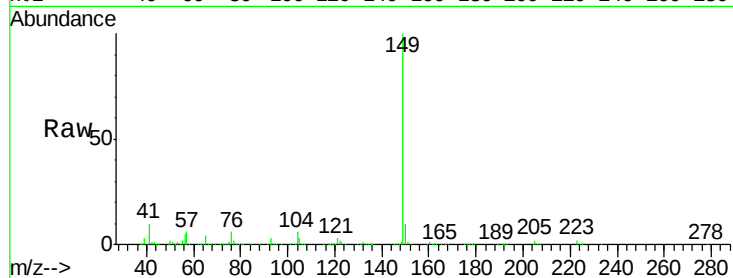
150 9.7 7.1 10.7

104 5.7 3.2 4.8#

Manual Integrations
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Sohil

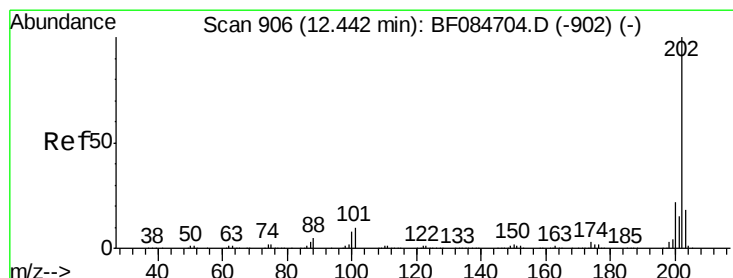
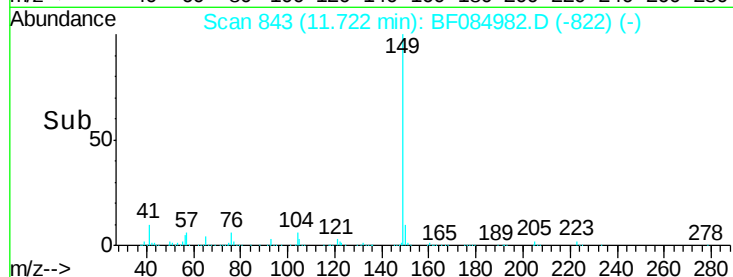
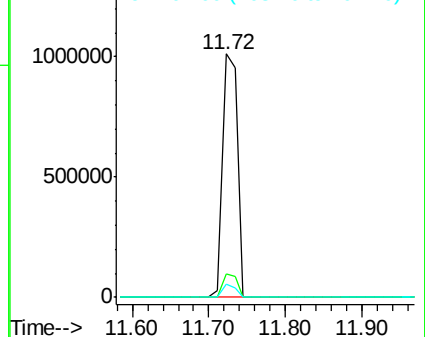
2/10/2016 1:45:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.93 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

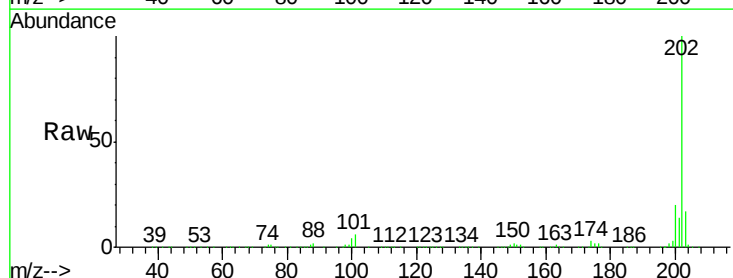
Tgt Ion:202 Resp: 1111032

Ion Ratio Lower Upper

202 100

101 5.6 0.0 32.8

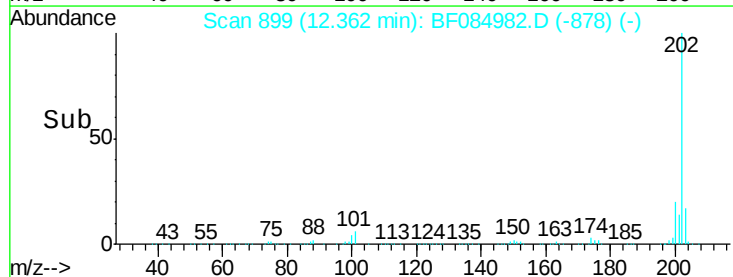
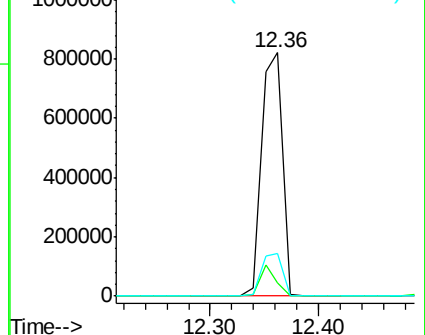
203 17.5 0.0 37.9

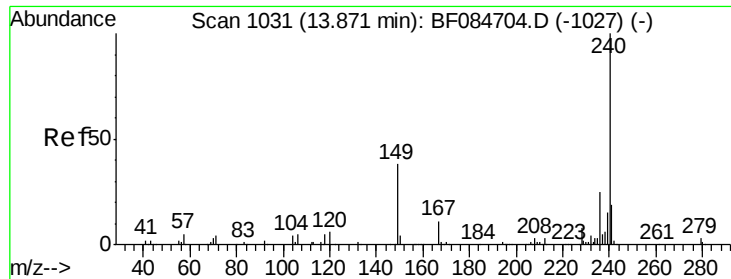


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

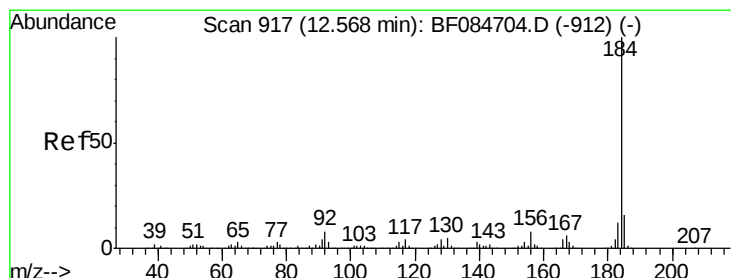
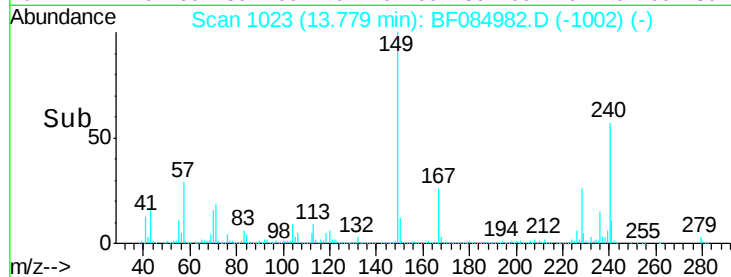
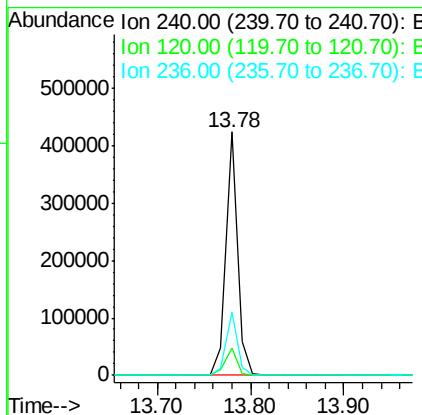
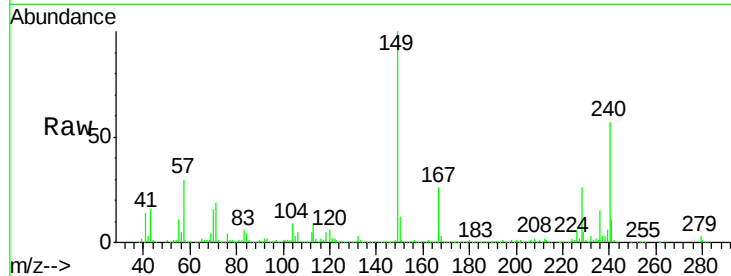
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	369599
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	26.1	20.6	31.0

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#76

Benzidine

Concen: 36.84 ng

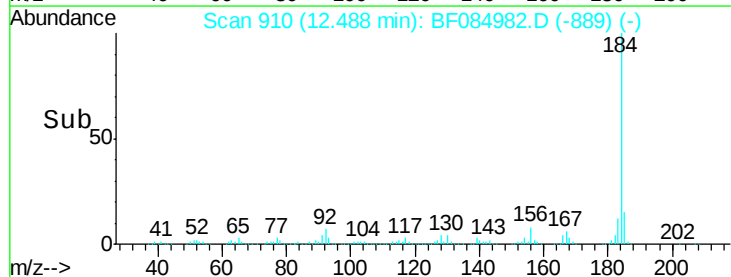
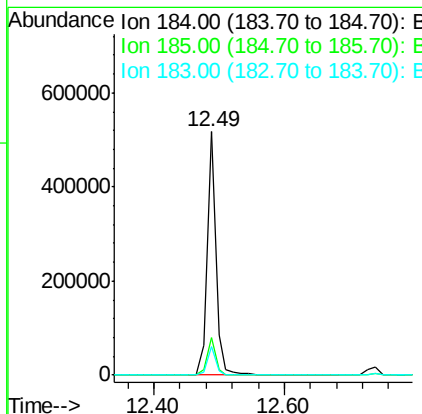
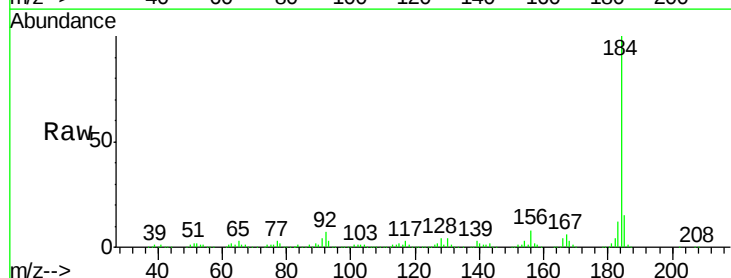
RT: 12.49 min Scan# 910

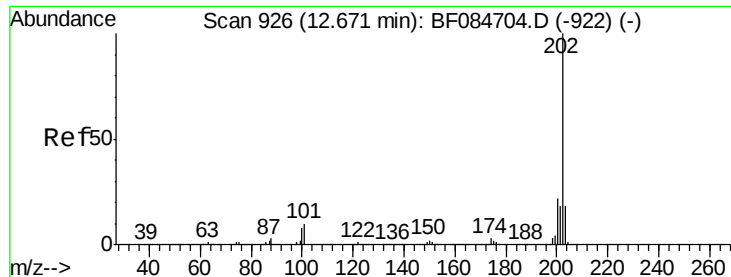
Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	184	Resp:	481849
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.7	9.8	14.8





#77

Pvrene

Concen: 35.59 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1007096

Ion Ratio Lower Upper

202 100

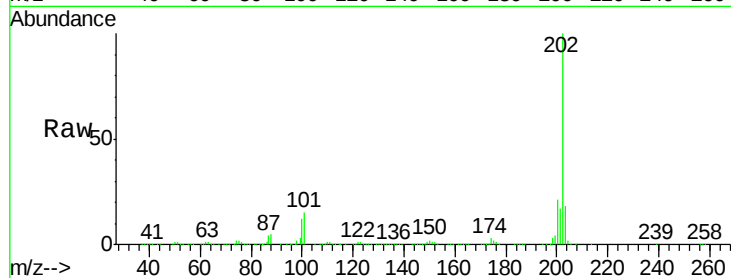
200 21.2 17.2 25.8

203 18.2 14.3 21.5

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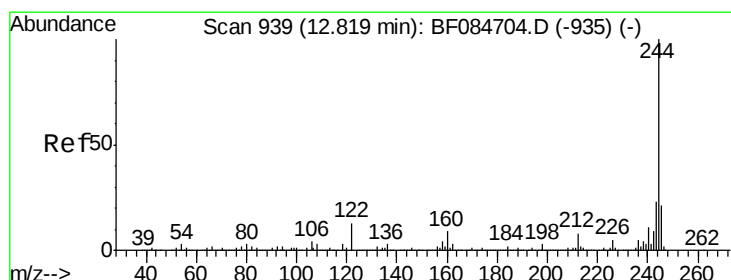
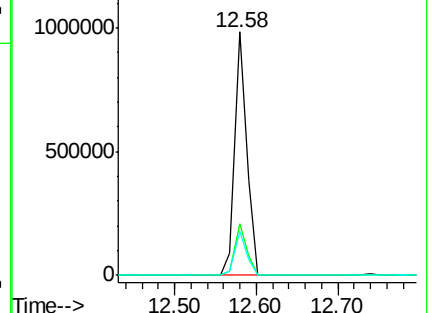
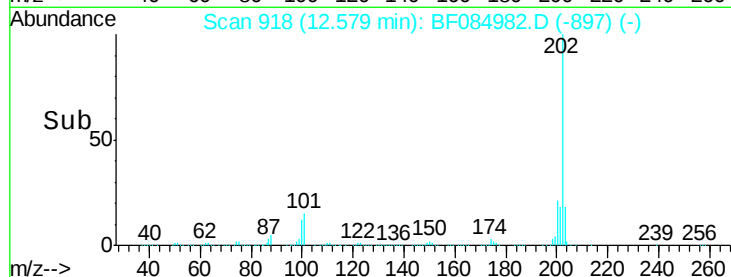
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.73 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

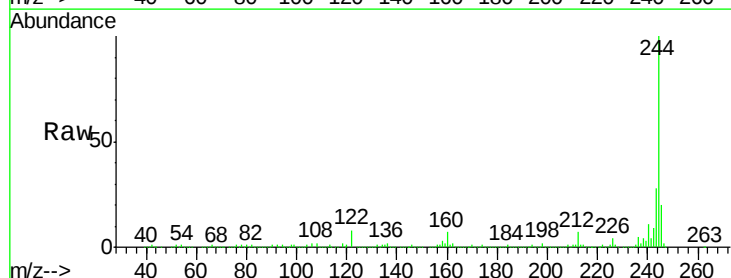
Tgt Ion:244 Resp: 1365744

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

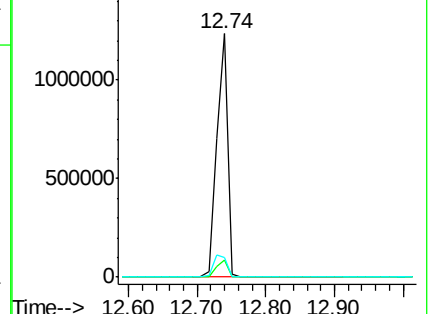
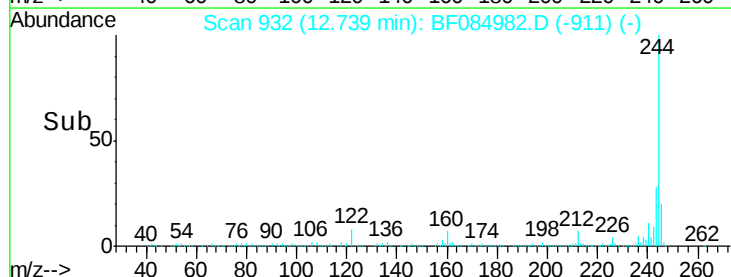
122 7.9 7.4 11.0

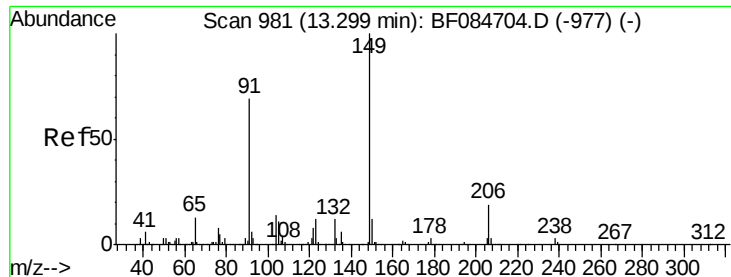


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





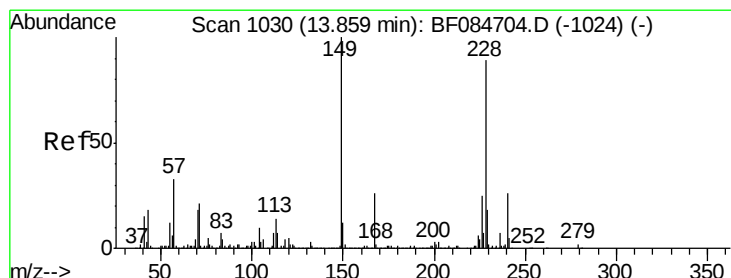
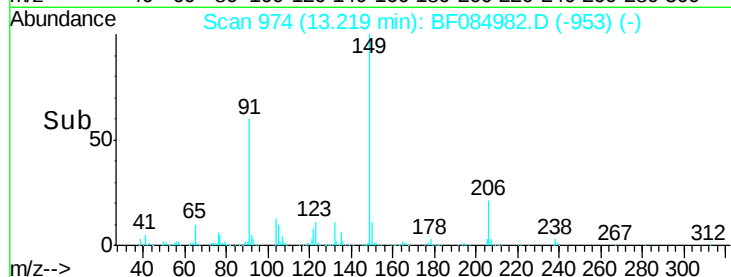
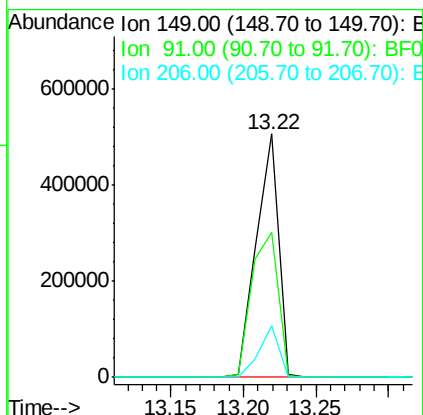
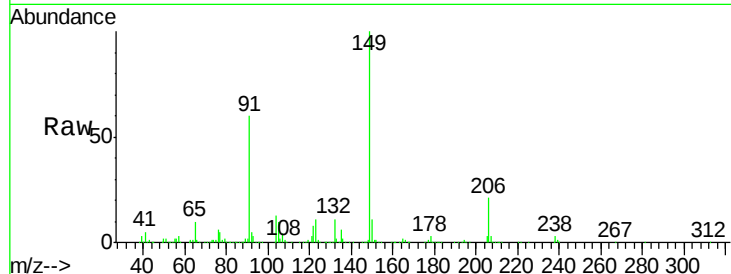
#79
Butylbenzylphthalate
Concen: 41.82 ng
RT: 13.22 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.8	57.6	86.4
206	21.0	13.2	19.8

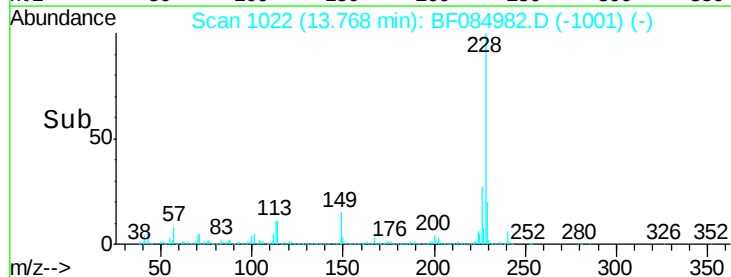
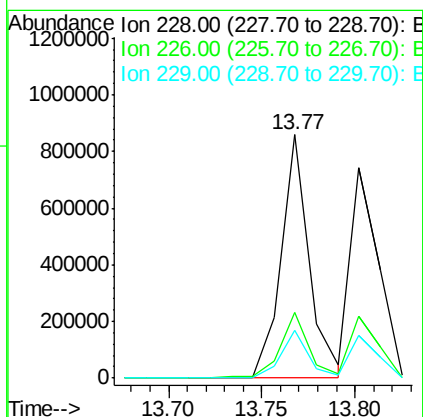
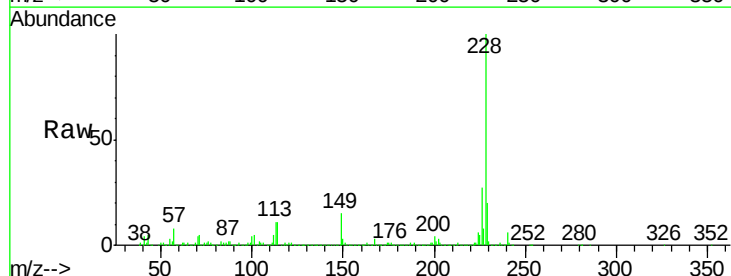
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 39.36 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.9	15.8	23.8





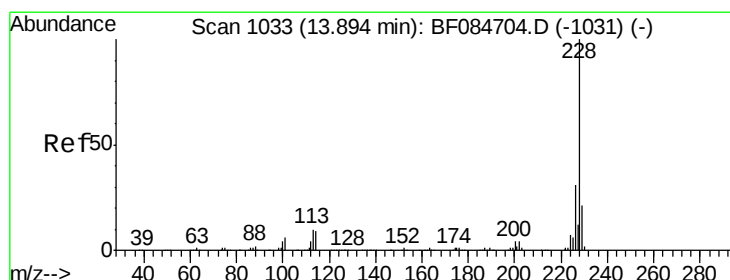
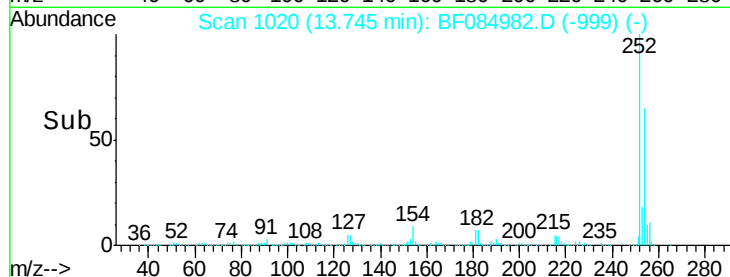
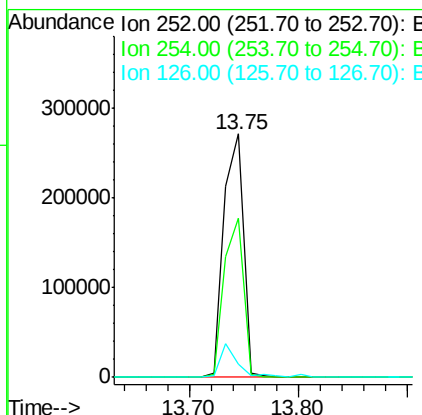
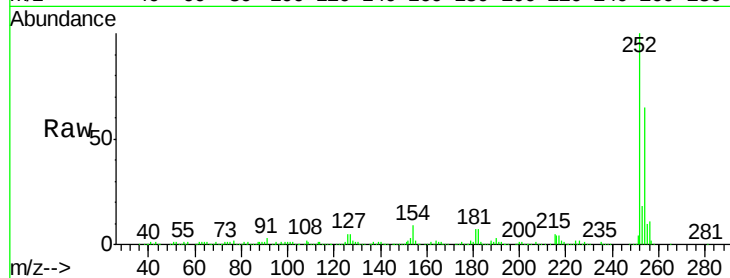
#81
 3,3'-Dichlorobenzidine
 Concen: 42.25 ng
 RT: 13.75 min Scan# 1020
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	53.5	80.3
126	5.3	4.9	7.3

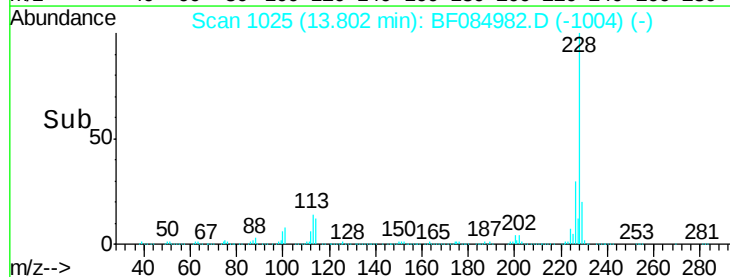
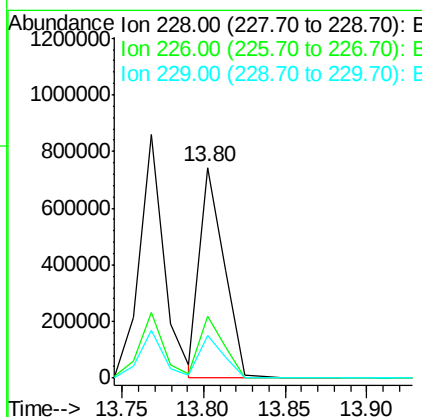
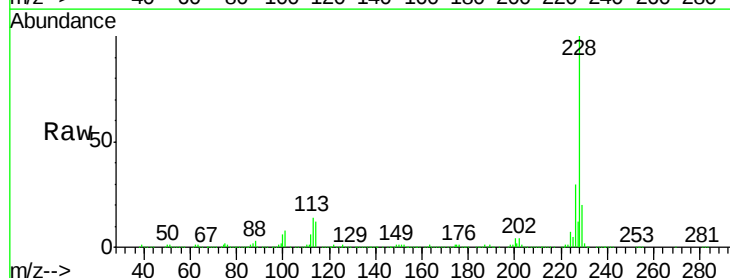
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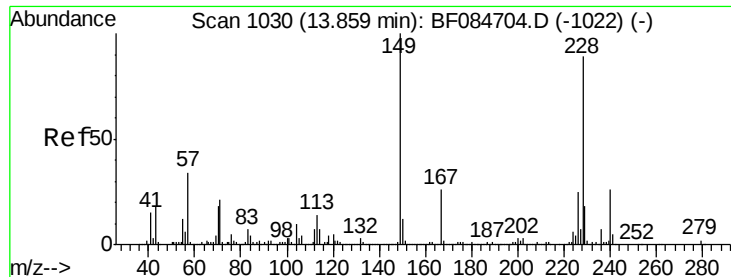
Sohil
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#82
 Chrysene
 Concen: 35.08 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	24.3	36.5
229	20.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.50 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

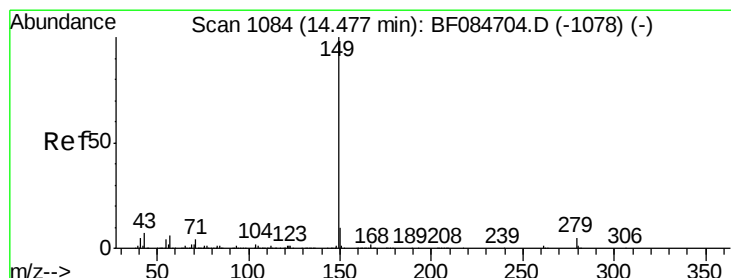
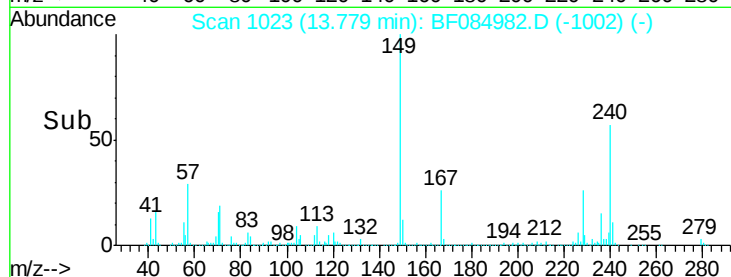
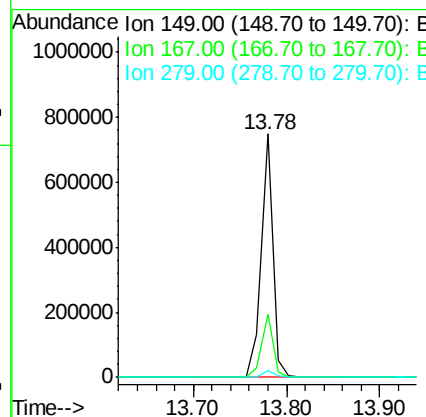
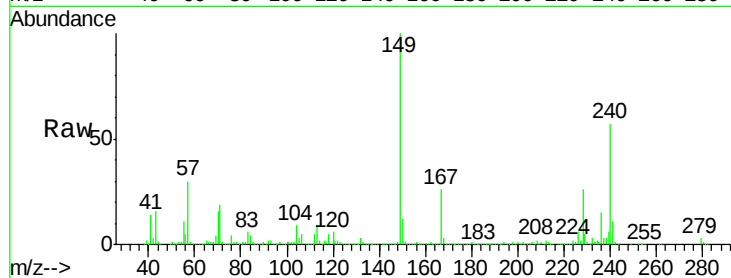
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	647046
Ion Ratio		Lower	Upper
149	100		
167	26.1	19.7	29.5
279	2.8	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 38.87 ng

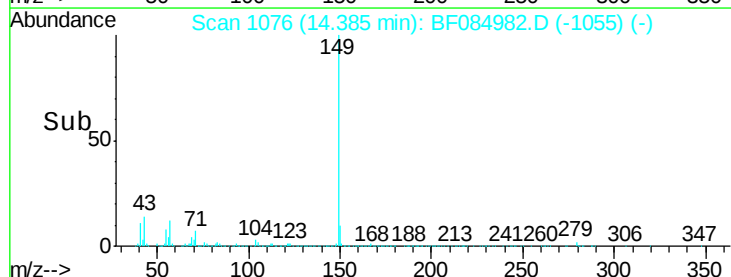
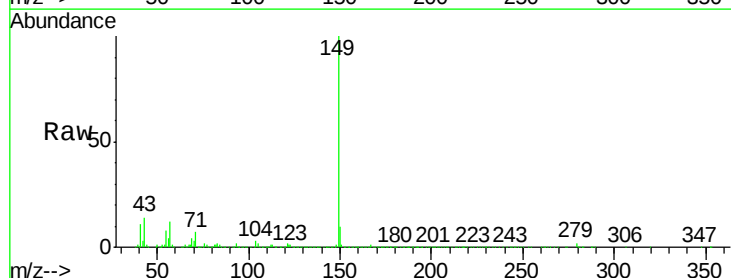
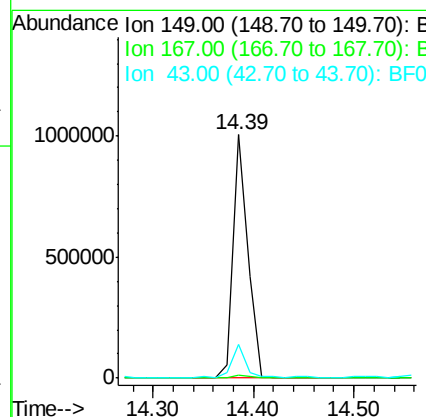
RT: 14.39 min Scan# 1076

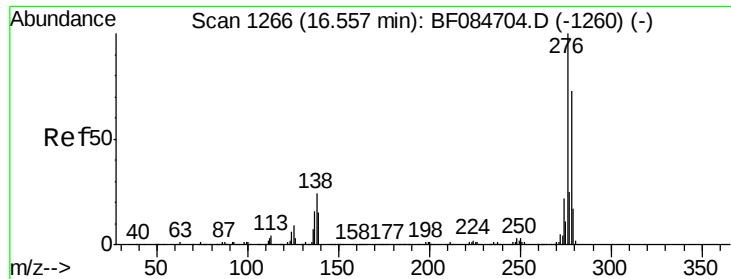
Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	149	Resp:	1024576
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.1	5.6	8.4#





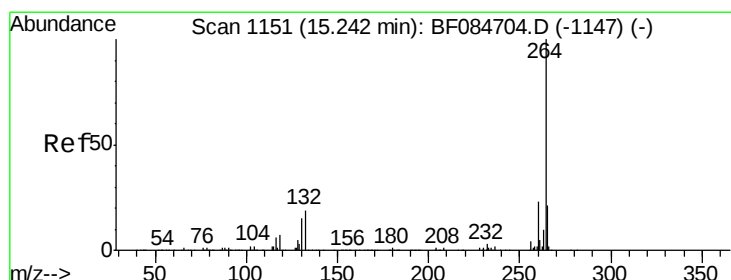
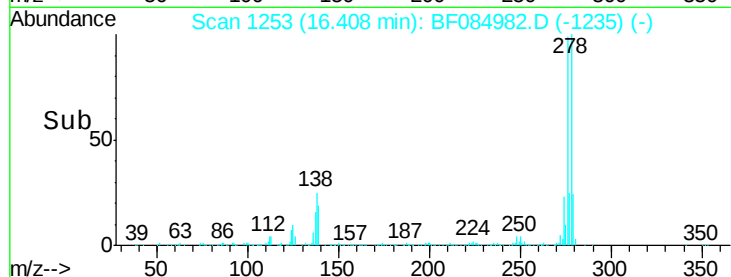
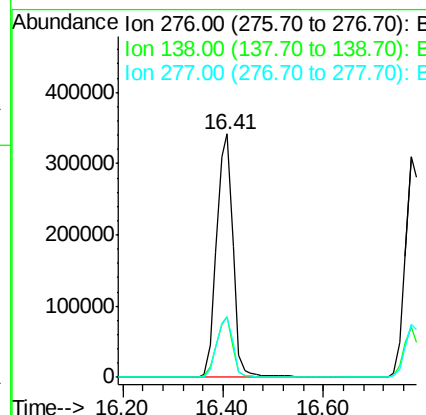
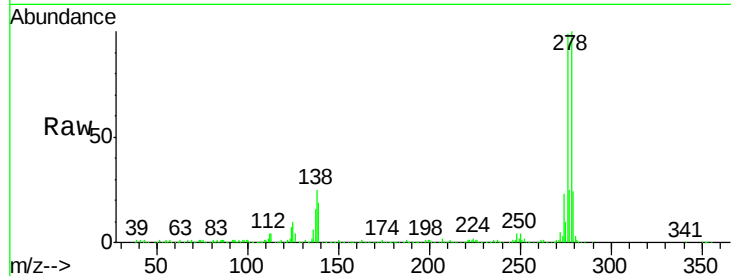
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.36 ng
 RT: 16.41 min Scan# 1253
 Delta R.T. -0.09 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	24.9	20.1	30.1

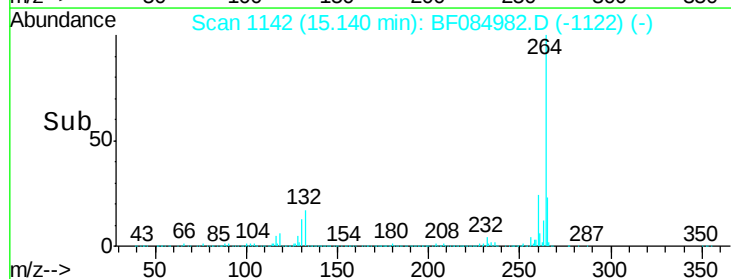
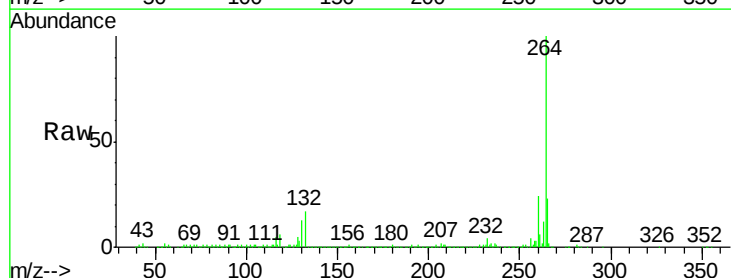
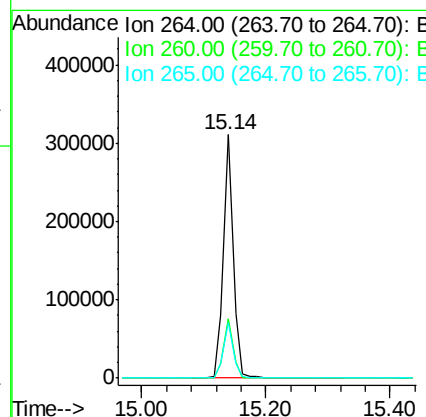
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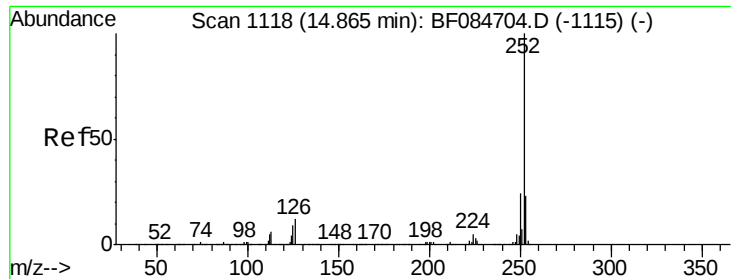
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084982.D
 Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 38.09 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

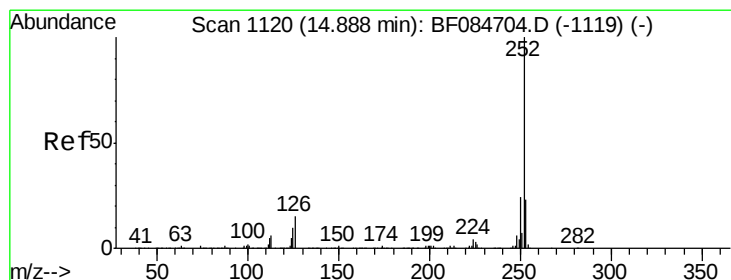
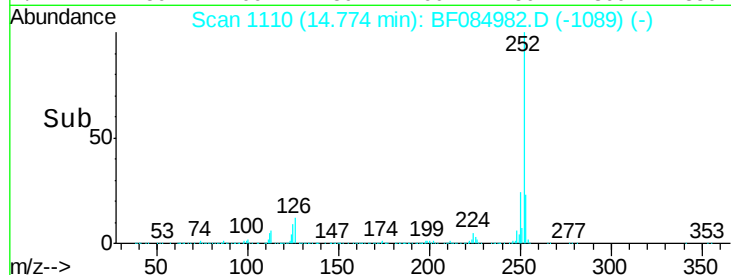
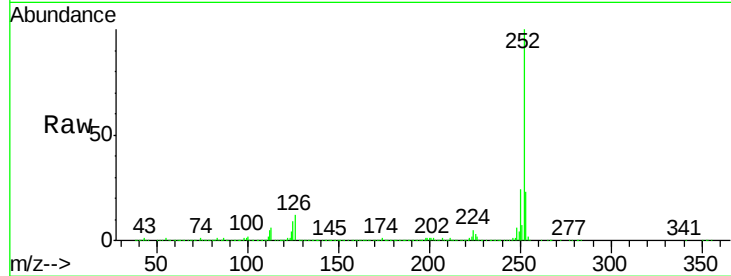
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	866030
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	8.9	6.5	9.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.65 ng m

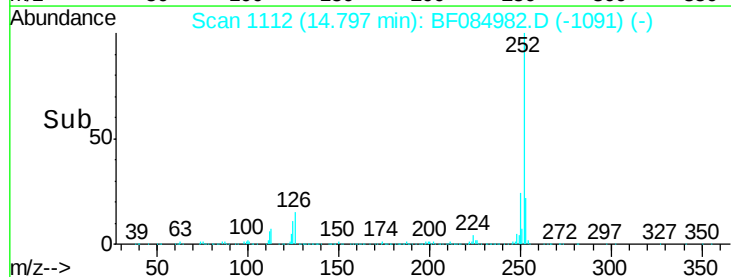
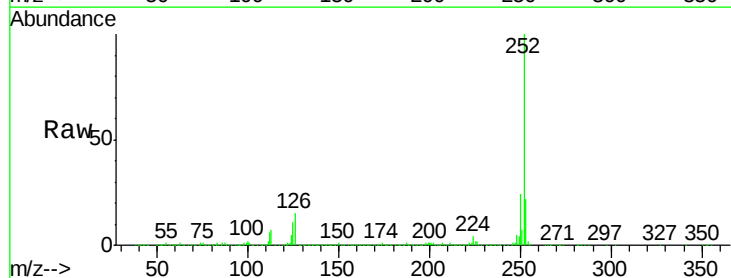
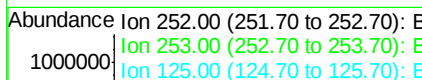
RT: 14.80 min Scan# 1112

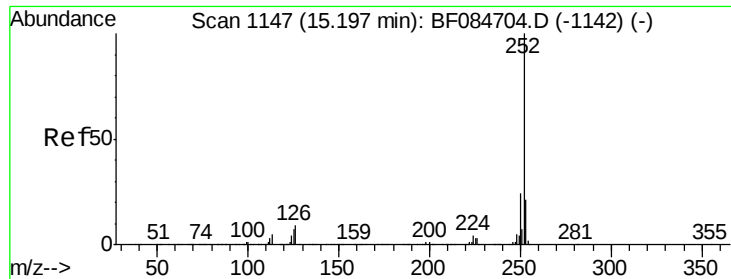
Delta R.T. -0.06 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Tgt Ion:	252	Resp:	688909
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	10.7	9.0	13.6





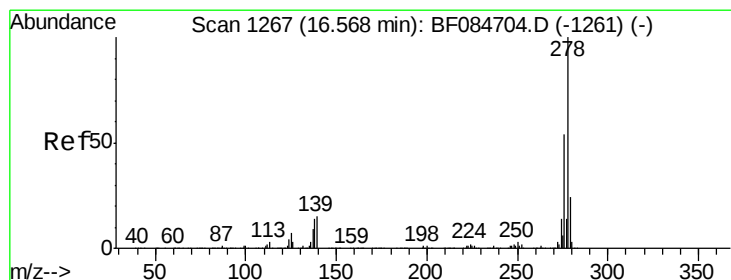
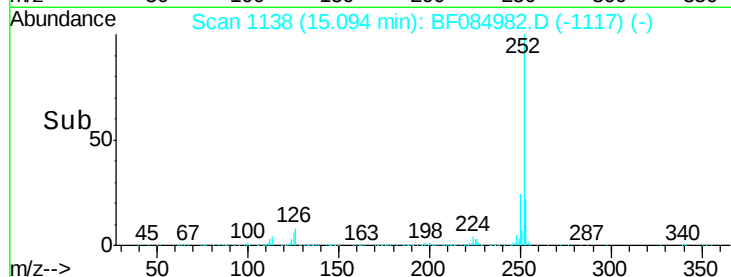
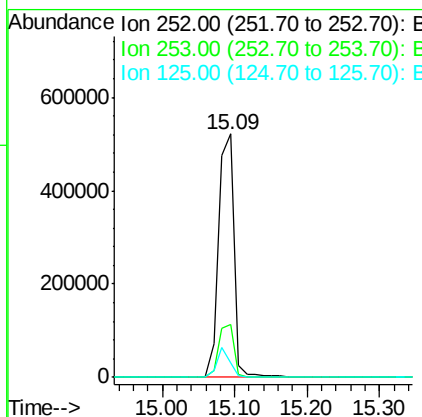
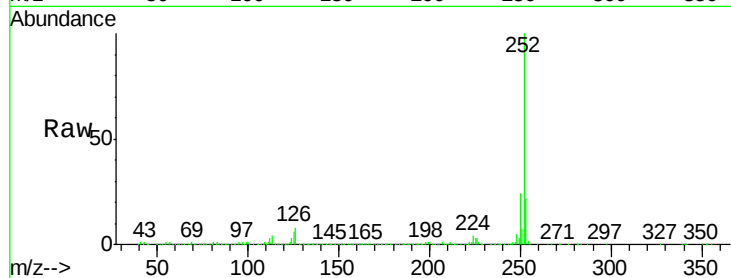
#89
Benzo(a)pyrene
Concen: 39.51 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.06 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	5.9	7.0	10.4

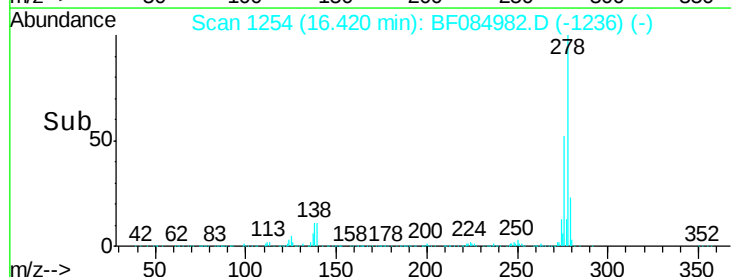
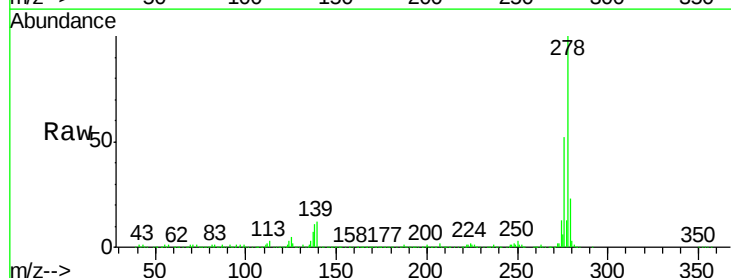
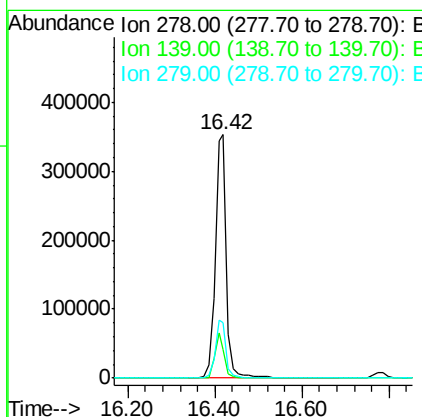
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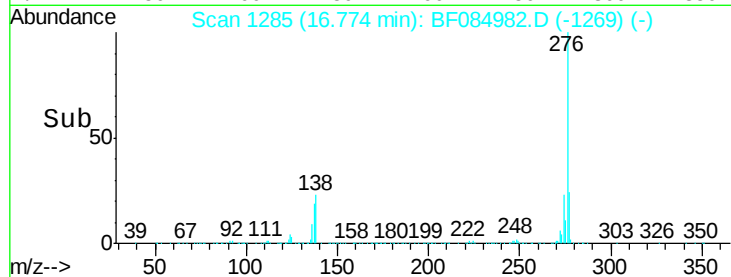
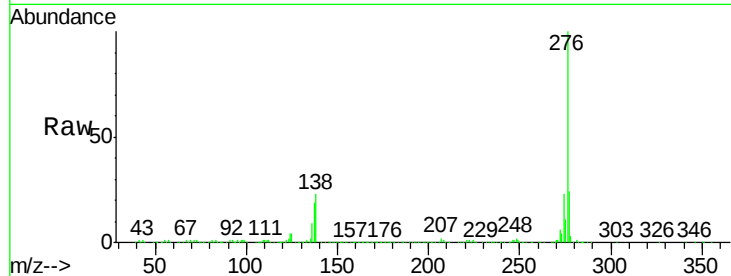
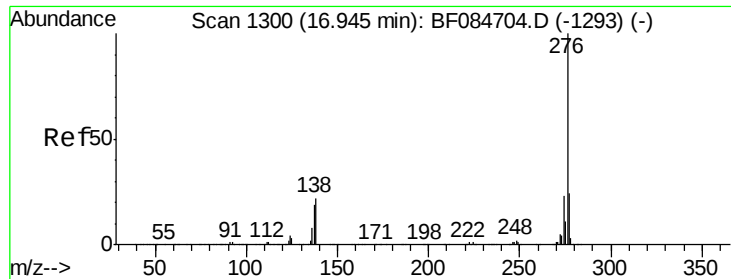
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.94 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.09 min
Lab File: BF084982.D
Acq: 10 Feb 2016 5:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	15.0	22.4
279	22.9	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 38.52 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084982.D

Acq: 10 Feb 2016 5:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	276	Resp:	632671
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	22.8	17.8	26.6

Manual Integrations
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2/10/2016 1:45:30 PM

