

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084784.D
 Acq On : 3 Feb 2016 10:22
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 2/3/2016 6:25:52 PM

Quant Time: Feb 03 11:29:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180802	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	738869	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	351922	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	659620	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	442037	20.00	ng	-0.02
86) Perylene-d12	15.22	264	359521	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	918097	79.09	ng	-0.02
7) Phenol-d6	6.35	99	1076790	74.83	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1074663	81.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	306097	83.39	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1831781	89.09	ng	-0.02
78) Terphenyl-d14	12.81	244	1751760	89.80	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	193603	38.08	ng	# 77
3) Pyridine	2.85	79	568343	42.90	ng	# 72
4) n-Nitrosodimethylamine	2.81	42	254247	37.11	ng	84
6) Aniline	6.36	93	702778	39.91	ng	# 80
8) 2-Chlorophenol	6.49	128	555125	42.25	ng	98
9) Benzaldehyde	6.25	77	336885	39.64	ng	86
10) Phenol	6.36	94	567674	35.21	ng	# 45
11) bis(2-Chloroethyl)ether	6.44	93	474021	37.71	ng	85
12) 1,3-Dichlorobenzene	6.64	146	534094	38.47	ng	# 94
13) 1,4-Dichlorobenzene	6.72	146	569731	41.05	ng	95
14) 1,2-Dichlorobenzene	6.88	146	484637	37.50	ng	93
15) Benzyl Alcohol	6.85	79	370030	37.24	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	798078	37.74	ng	87
17) 2-Methylphenol	6.98	107	430706	41.45	ng	# 93
18) Hexachloroethane	7.21	117	204860	38.33	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	338615	37.54	ng	# 74
20) 3+4-Methylphenols	7.13	107	513372	39.80	ng	# 66
22) Acetophenone	7.12	105	751892	38.61	ng	# 98
24) Nitrobenzene	7.29	77	499212	35.54	ng	93
25) Isophorone	7.54	82	1028139	40.31	ng	96
26) 2-Nitrophenol	7.61	139	278084	40.14	ng	# 87
27) 2,4-Dimethylphenol	7.66	122	456353	37.87	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	578464	38.23	ng	100
29) 2,4-Dichlorophenol	7.86	162	434241	42.12	ng	94
30) 1,2,4-Trichlorobenzene	7.93	180	445701	38.28	ng	95
31) Naphthalene	8.01	128	1343984	36.26	ng	99
32) Benzoic acid	7.80	122	321059	41.66	ng	96
33) 4-Chloroaniline	8.06	127	564226	36.81	ng	98
34) Hexachlorobutadiene	8.13	225	269464	40.13	ng	99
35) Caprolactam	8.45	113	125348	39.45	ng	# 56
36) 4-Chloro-3-methylphenol	8.56	107	443250	37.69	ng	92
37) 2-Methylnaphthalene	8.70	142	979376	42.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	411852	36.85	ng	99
40) Hexachlorocyclopentadiene	8.85	237	162296	41.33	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

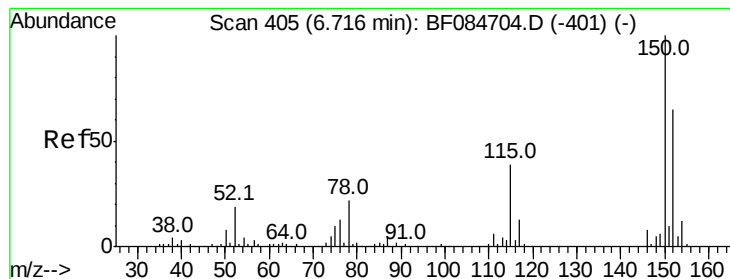
Manual Integrations
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Quant Time: Feb 03 11:29:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	301227	41.83	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	281432	38.47	nq	# 82
45) 1,1'-Biphenyl	9.17	154	1237003	39.35	nq	94
46) 2-Chloronaphthalene	9.18	162	871174	37.63	nq	96
47) 2-Nitroaniline	9.29	65	271499	37.04	nq	99
48) Acenaphthylene	9.61	152	1379777	39.28	nq	99
49) Dimethylphthalate	9.48	163	1141939	42.60	nq	# 91
50) 2,6-Dinitrotoluene	9.54	165	253356	43.27	nq	# 82
51) Acenaphthene	9.78	154	879436	38.48	nq	97
52) 3-Nitroaniline	9.71	138	267806	40.70	nq	# 62
53) 2,4-Dinitrophenol	9.81	184	93195	37.78	nq	91
54) Dibenzofuran	9.95	168	1087045	38.92	nq	96
55) 4-Nitrophenol	9.88	139	172692	35.71	nq	# 84
56) 2,4-Dinitrotoluene	9.94	165	308597	41.32	nq	# 91
57) Fluorene	10.28	166	885315	37.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212464	38.15	nq	92
59) Diethylphthalate	10.17	149	1043844	39.88	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	435774	44.37	nq	97
61) 4-Nitroaniline	10.32	138	242928	37.89	nq	91
62) Azobenzene	10.44	77	1067112	42.40	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	165341	40.61	nq	77
65) n-Nitrosodiphenylamine	10.41	169	876877	41.87	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	309708	42.51	nq	97
67) Hexachlorobenzene	10.83	284	300421	37.84	nq	# 90
68) Atrazine	10.93	200	239852	36.26	nq	98
69) Pentachlorophenol	11.03	266	140052	37.54	nq	97
70) Phenanthrene	11.24	178	1325636	36.23	nq	97
71) Anthracene	11.30	178	1468362	39.83	nq	100
72) Carbazole	11.46	167	1288843	40.09	nq	97
73) Di-n-butylphthalate	11.79	149	1512982	36.97	nq	# 97
74) Fluoranthene	12.43	202	1434295	38.73	nq	93
76) Benzidine	12.56	184	342001	22.96	nq	99
77) Pyrene	12.65	202	1347666	39.82	nq	99
79) Butylbenzylphthalate	13.29	149	645365	42.03	nq	# 77
80) Benzo(a)anthracene	13.84	228	1042574	38.00	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	375923	38.70	nq	# 93
82) Chrysene	13.87	228	963133	36.20	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	796322	41.68	nq	# 95
84) Di-n-octyl phthalate	14.45	149	1235398	39.19	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.52	276	899651	42.96	nq	100
87) Benzo(b)fluoranthene	14.84	252	820025m	33.95	nq	
88) Benzo(k)fluoranthene	14.88	252	862256m	43.17	nq	
89) Benzo(a)pyrene	15.17	252	803862	39.06	nq	99
90) Dibenzo(a,h)anthracene	16.55	278	749719	43.27	nq	# 94
91) Benzo(g,h,i)perylene	16.91	276	756933	43.37	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

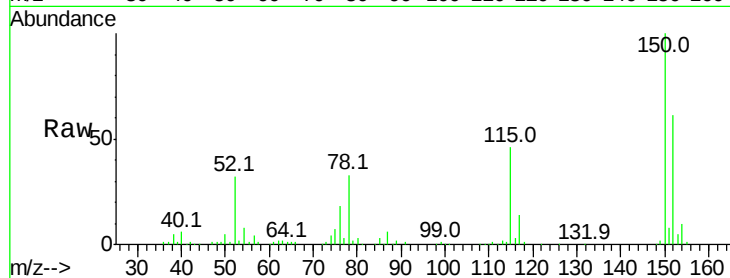
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	123.0	184.4
115	75.6	51.4	77.2

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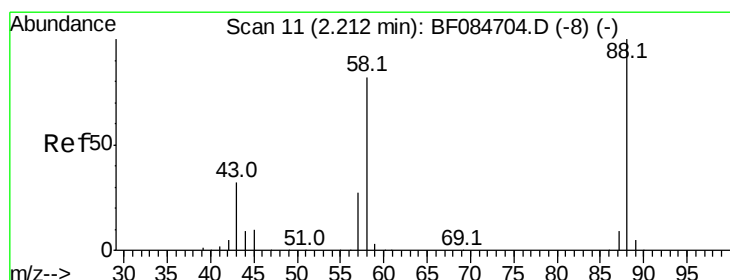
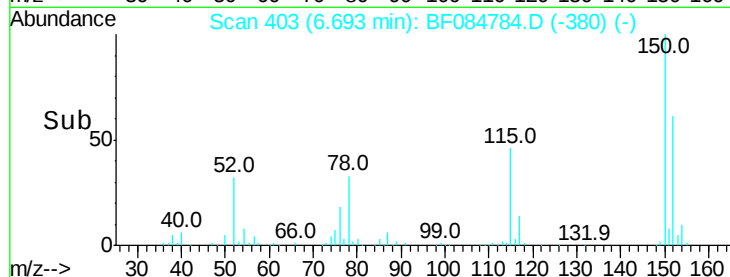
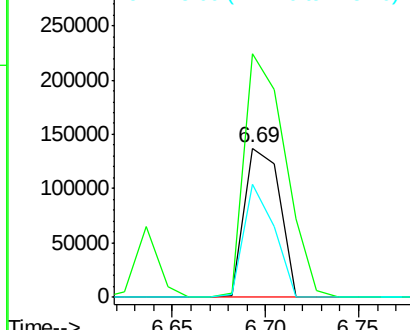


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.08 ng

RT: 2.19 min Scan# 9

Delta R.T. -0.03 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

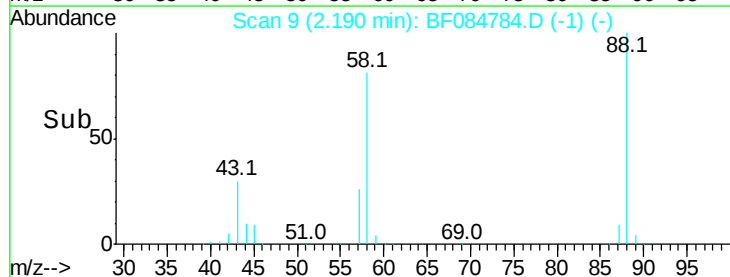
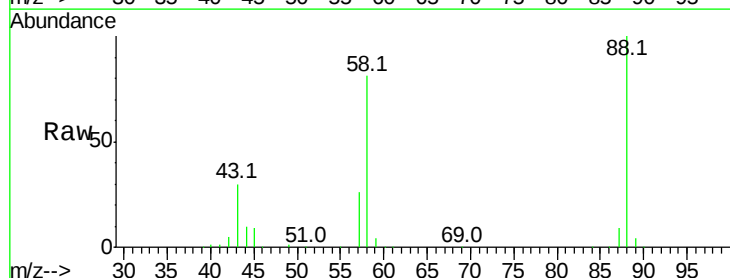
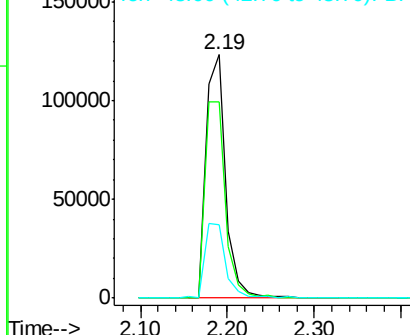
Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	51.2	76.8#
43	32.7	19.5	29.3#

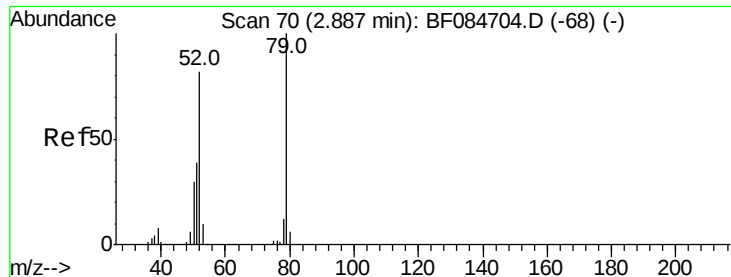
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.90 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.06 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

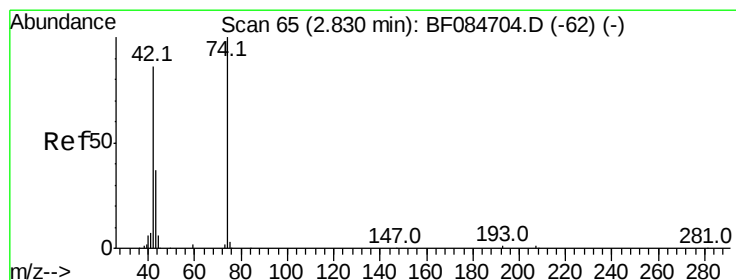
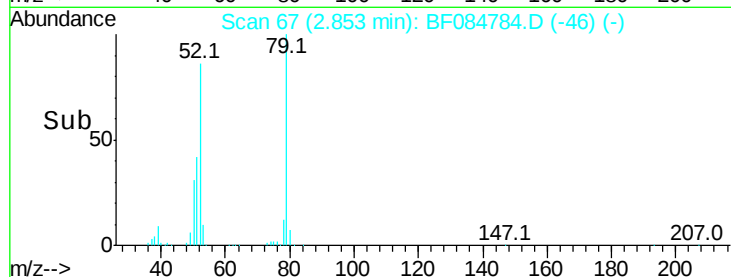
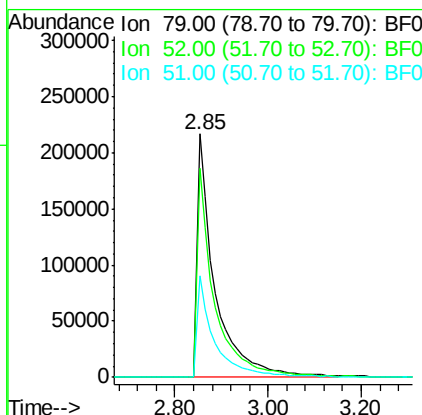
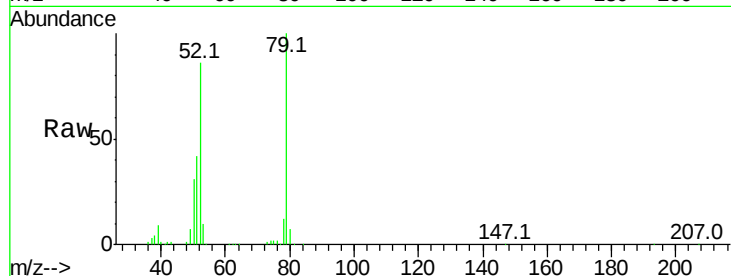
SSTDCCC040EC

Tot Ion: 79 Resp: 568343

Ion	Ratio	Lower	Upper
79	100		
52	86.1	49.0	73.4#
51	41.6	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 37.11 ng

RT: 2.81 min Scan# 63

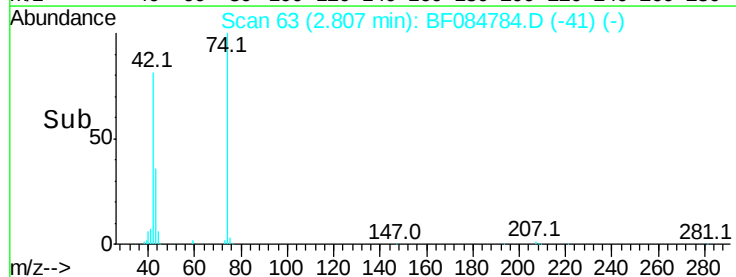
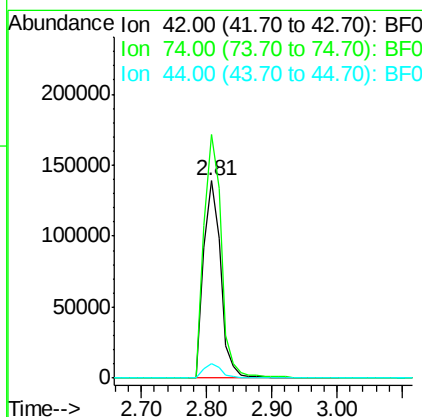
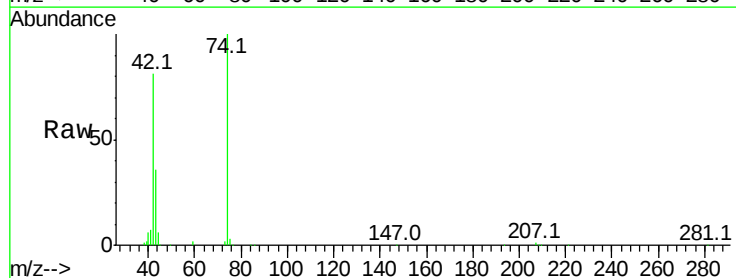
Delta R.T. -0.04 min

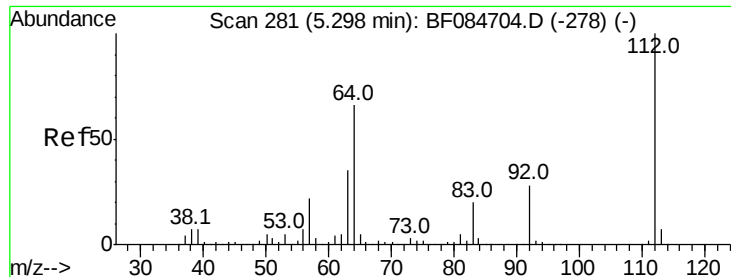
Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion: 42 Resp: 254247

Ion	Ratio	Lower	Upper
42	100		
74	123.6	115.7	173.5
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 79.09 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

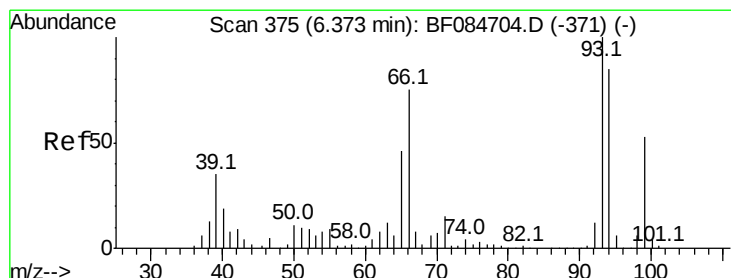
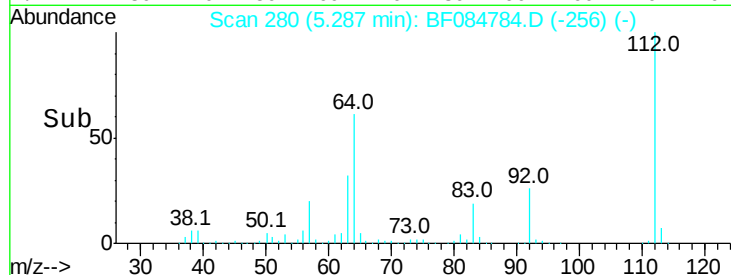
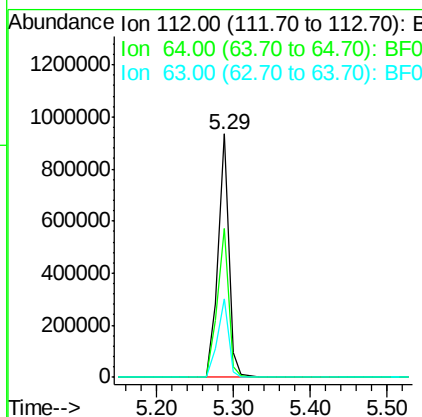
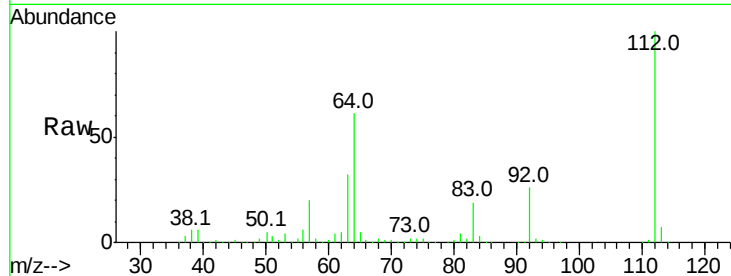
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	918097
Ion Ratio	Lower	Upper	
112	100		
64	61.1	36.6	55.0#
63	32.1	19.4	29.0#

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#6

Aniline

Concen: 39.91 ng

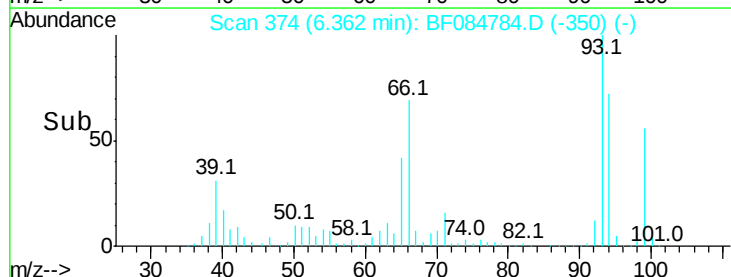
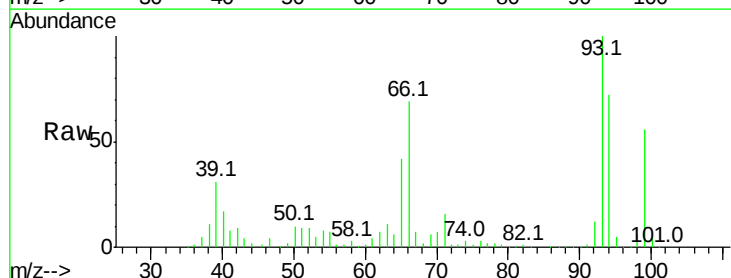
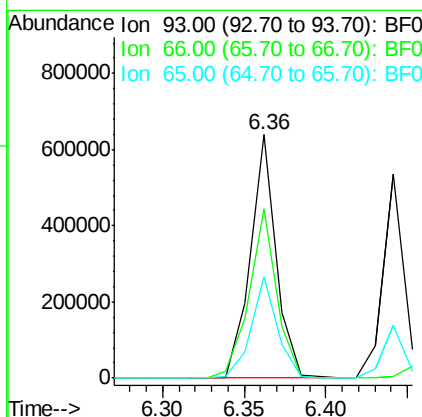
RT: 6.36 min Scan# 374

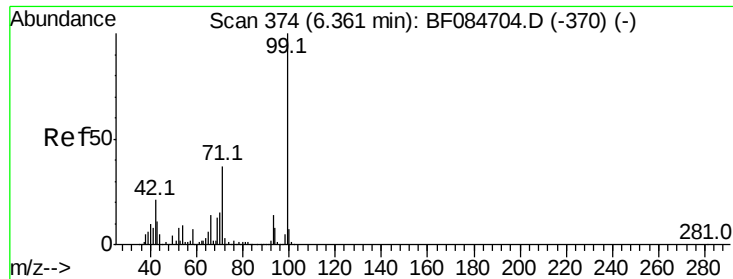
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:	93	Resp:	702778
Ion Ratio	Lower	Upper	
93	100		
66	69.3	44.9	67.3#
65	41.7	23.7	35.5#





#7

Phenol-d6

Concen: 74.83 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1076790

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

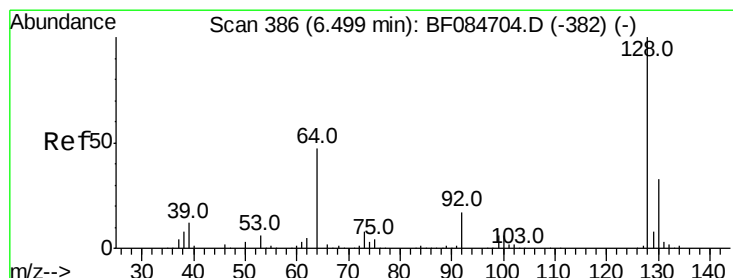
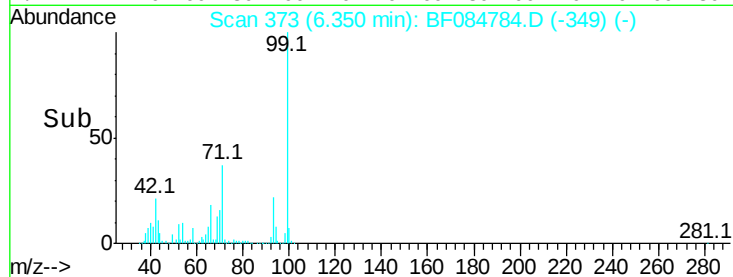
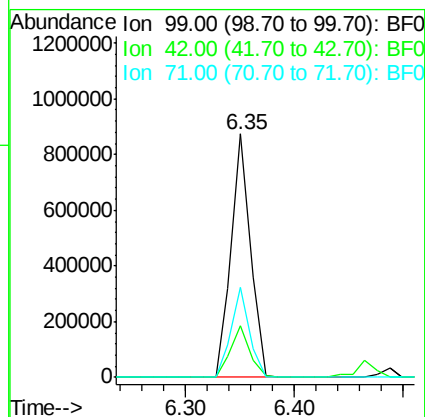
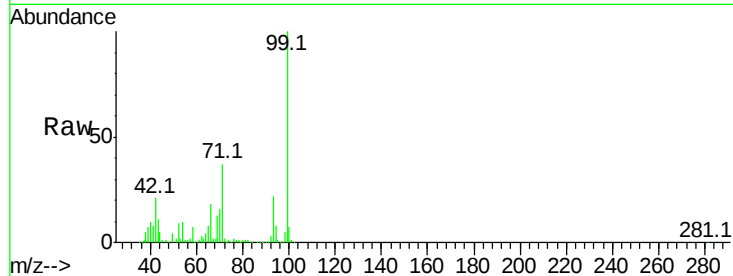
71 37.0 30.9 46.3

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#8

2-Chlorophenol

Concen: 42.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

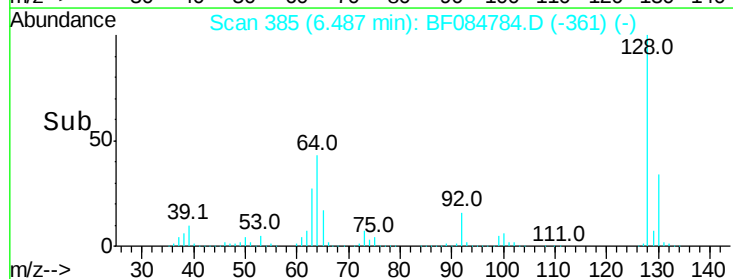
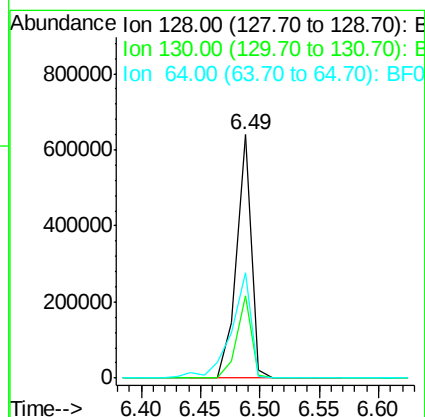
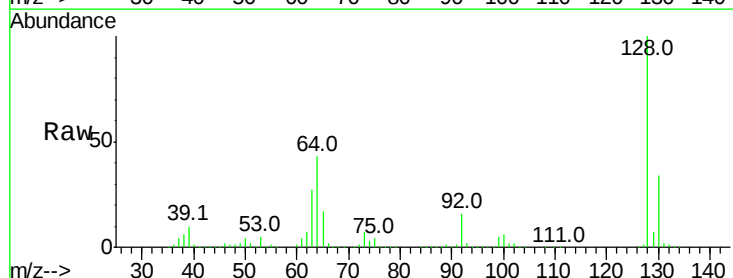
Tgt Ion: 128 Resp: 555125

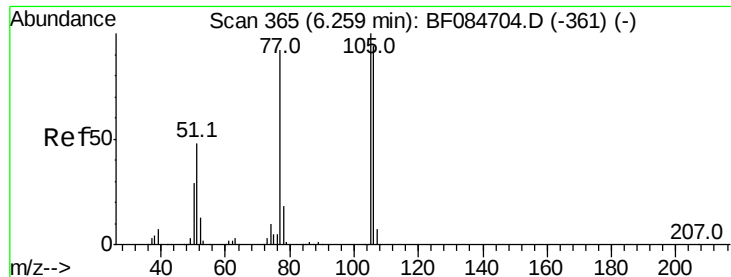
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 43.3 23.8 63.8





#9

Benzaldehyde

Concen: 39.64 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 336885

Ion Ratio Lower Upper

77 100

105 115.2 83.0 123.0

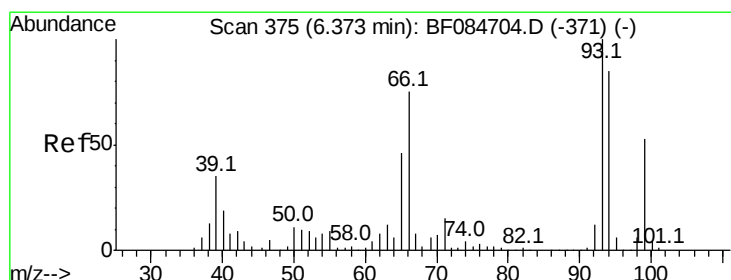
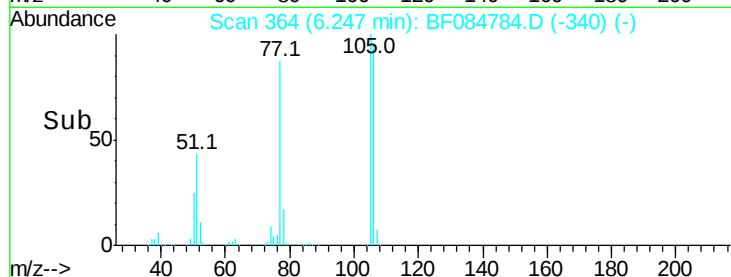
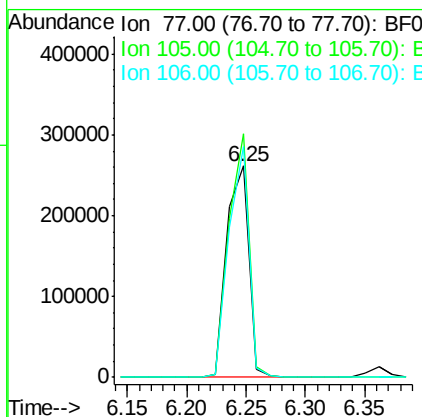
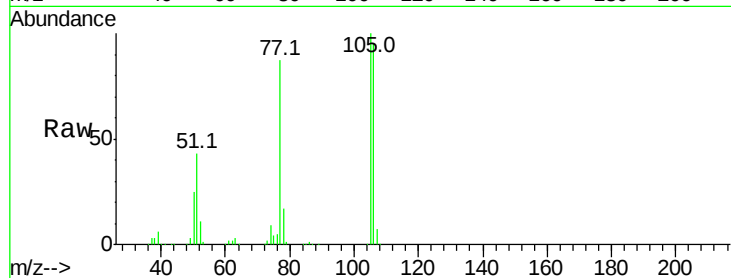
106 109.4 74.6 114.6

Manual Integrations

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2/3/2016 6:25:52 PM



#10

Phenol

Concen: 35.21 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

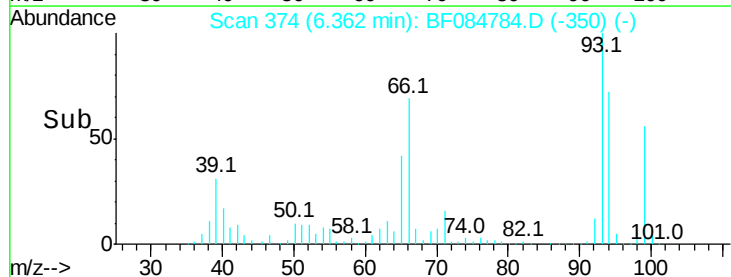
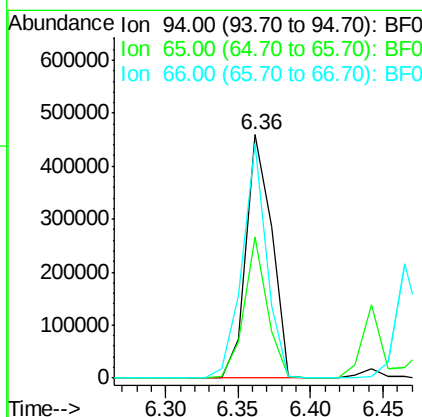
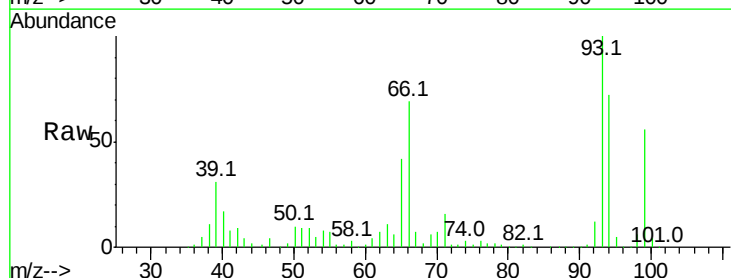
Tgt Ion: 94 Resp: 567674

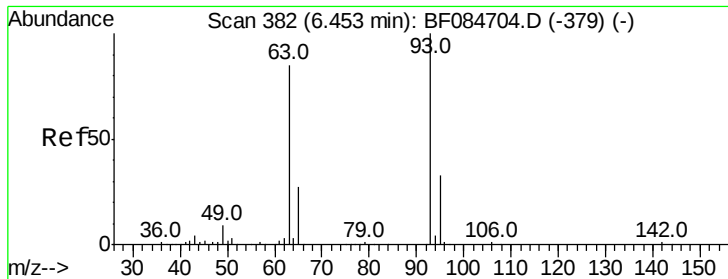
Ion Ratio Lower Upper

94 100

65 58.0 12.9 52.9#

66 96.5 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 37.71 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

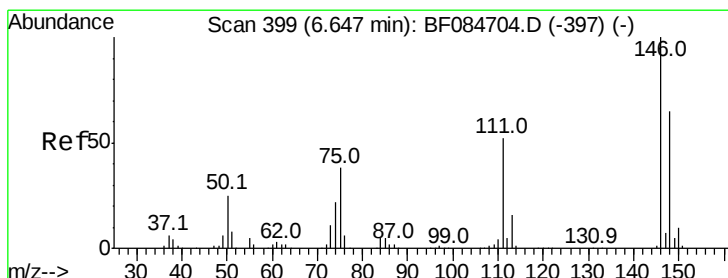
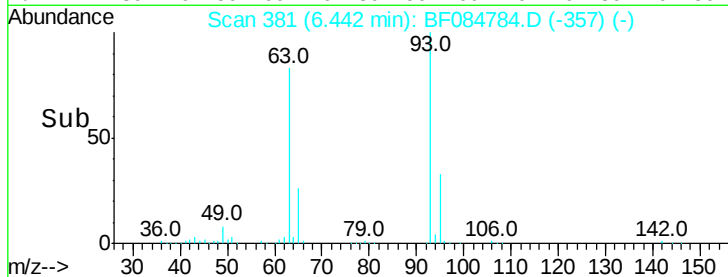
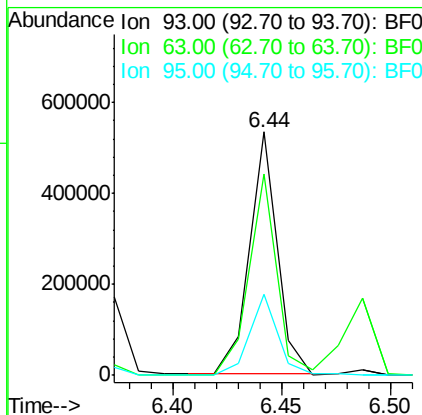
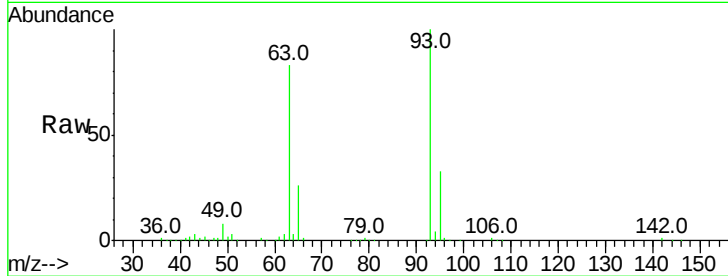
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	474021
Ion Ratio	Lower	Upper	
93	100		
63	82.6	45.9	85.9
95	33.0	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 38.47 ng

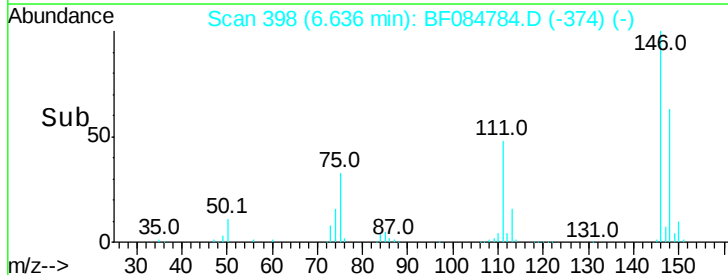
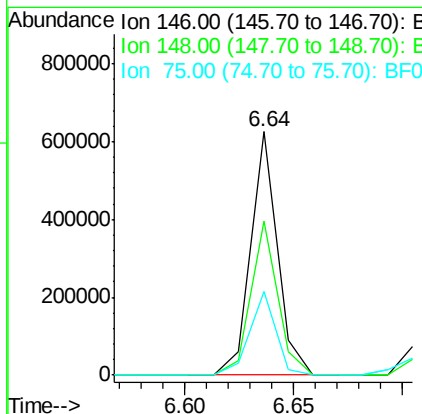
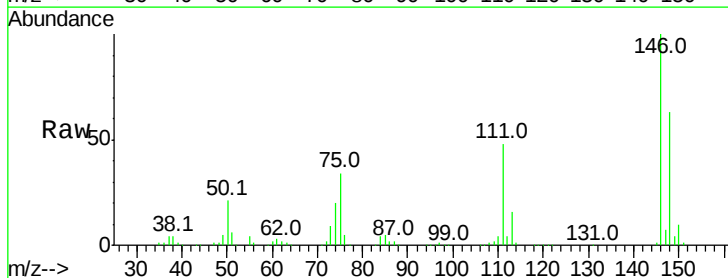
RT: 6.64 min Scan# 398

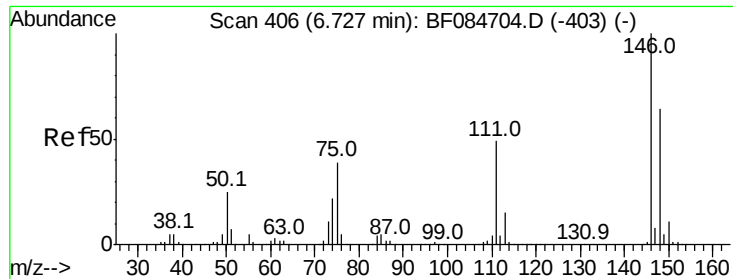
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:	146	Resp:	534094
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.9	77.9
75	34.4	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 41.05 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

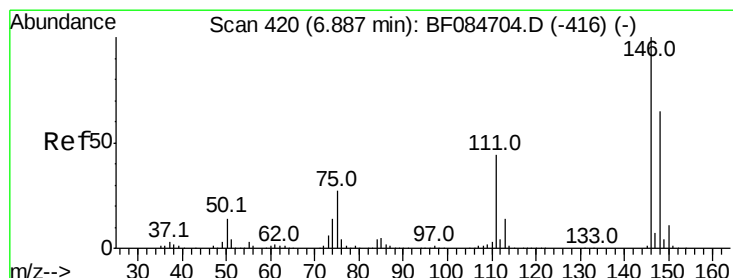
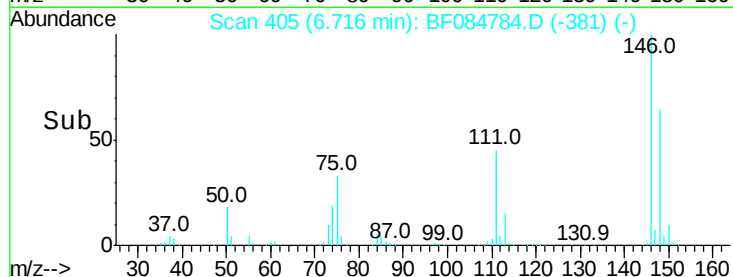
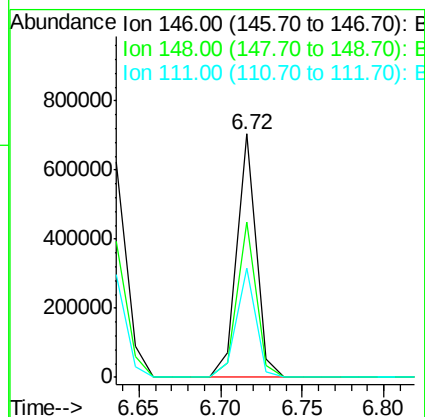
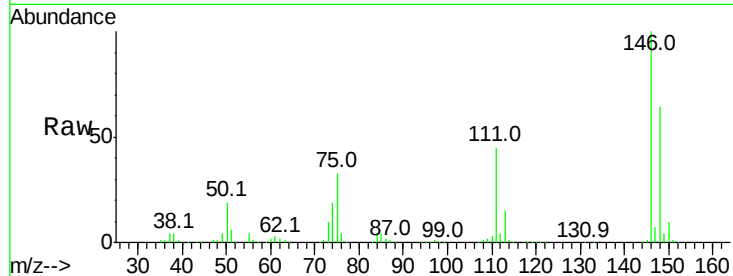
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	569731
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	44.7	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.50 ng

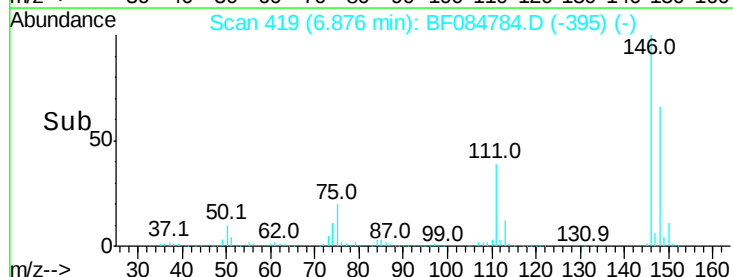
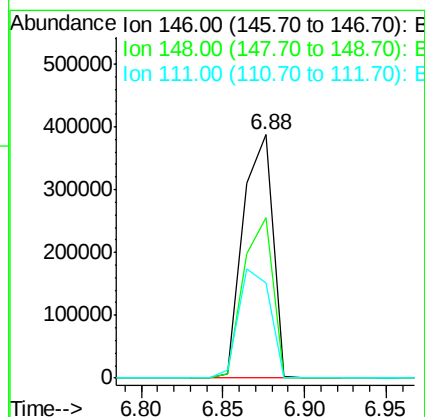
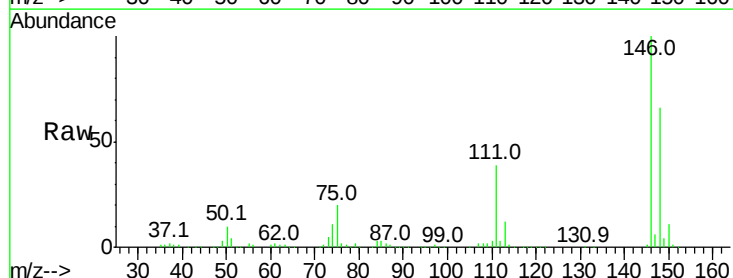
RT: 6.88 min Scan# 419

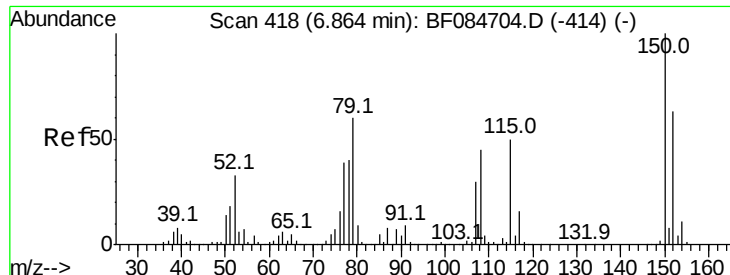
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:	146	Resp:	484637
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.6	77.4
111	38.9	38.0	57.0





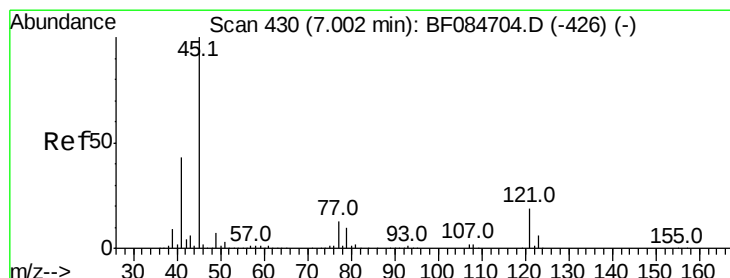
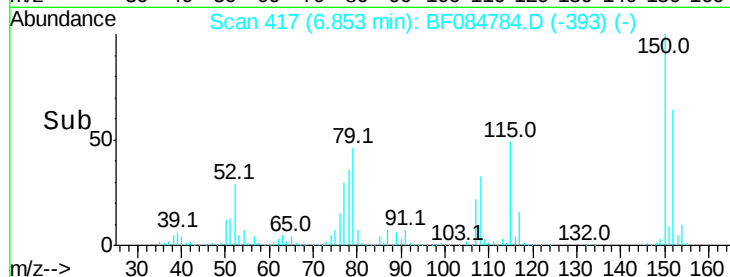
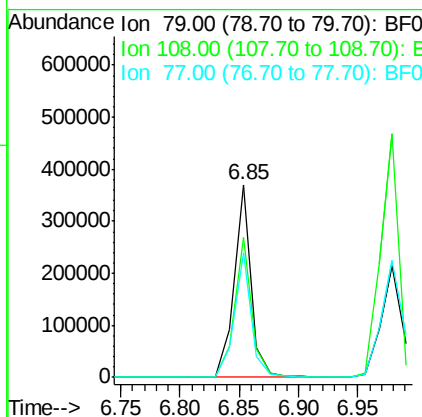
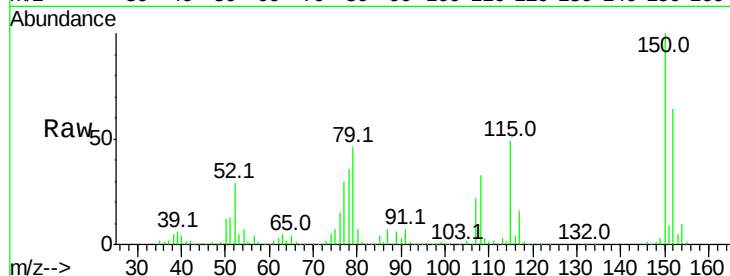
#15
Benzyl Alcohol
Concen: 37.24 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	69.0	103.4
77	64.8	50.0	75.0

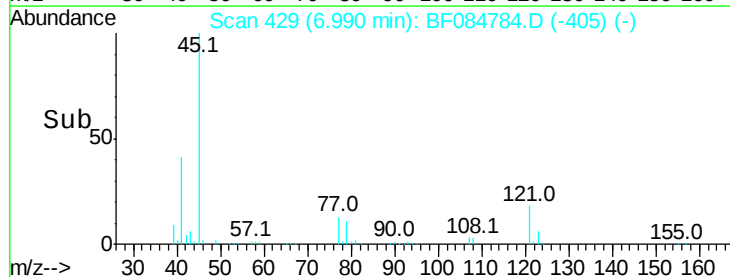
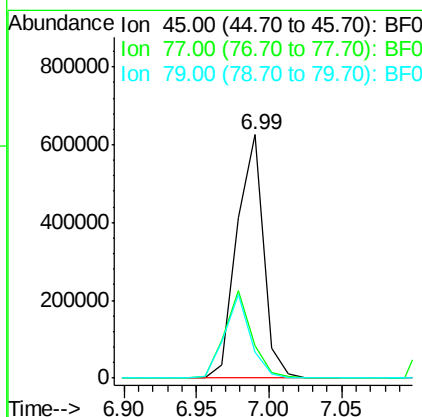
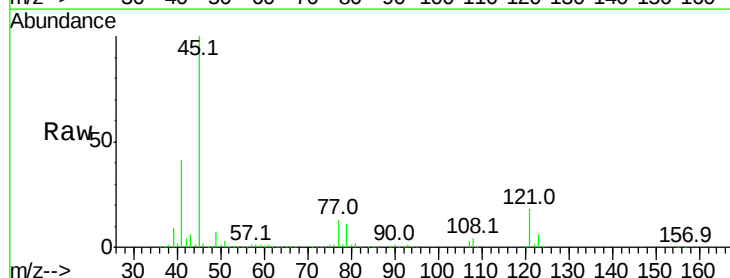
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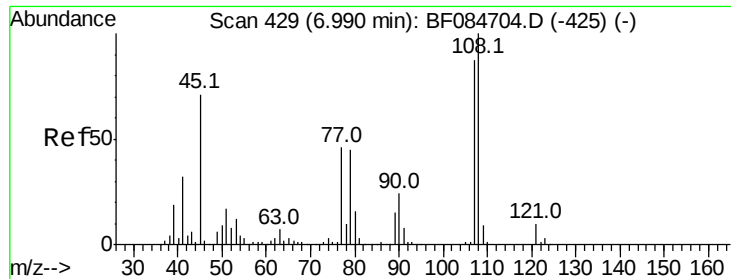
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.74 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	39.6
79	10.5	0.0	35.0





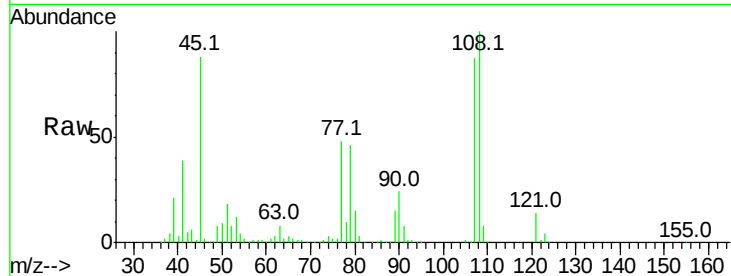
#17
2-Methylphenol
Concen: 41.45 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.8	134.6
77	55.3	35.7	53.5
79	52.4	35.7	53.5

Manual Integrations
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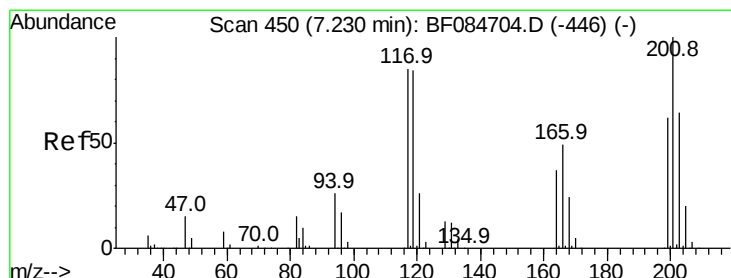
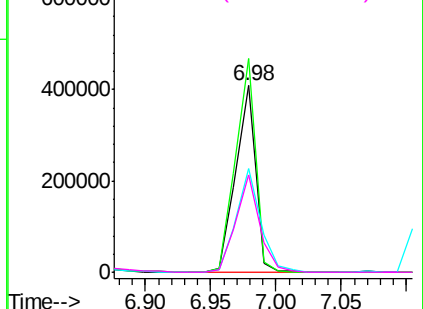
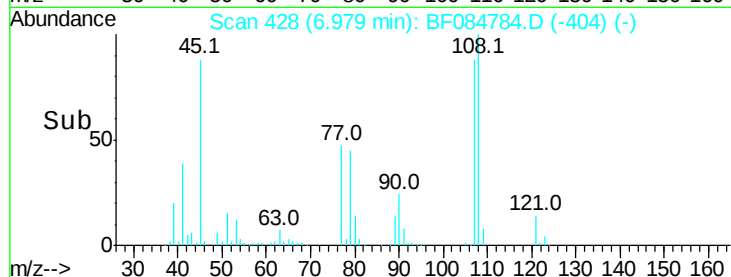
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

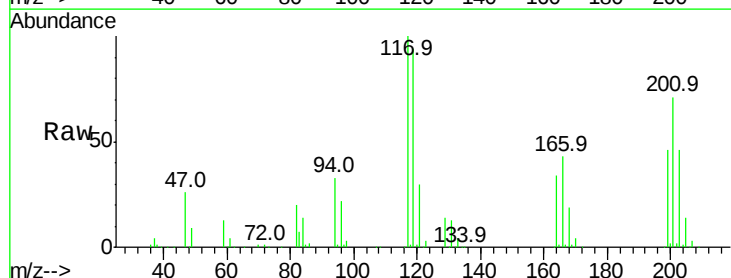
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.0
201	70.7	68.6	103.0

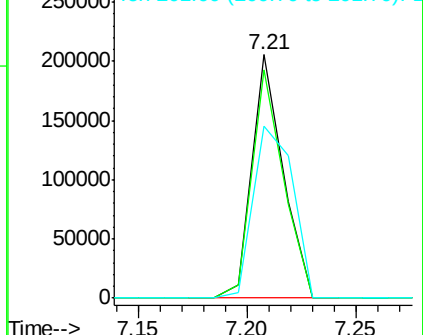
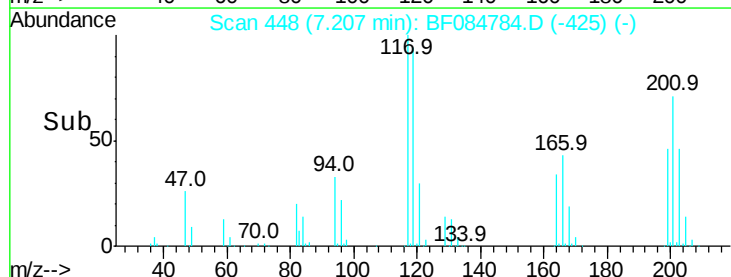


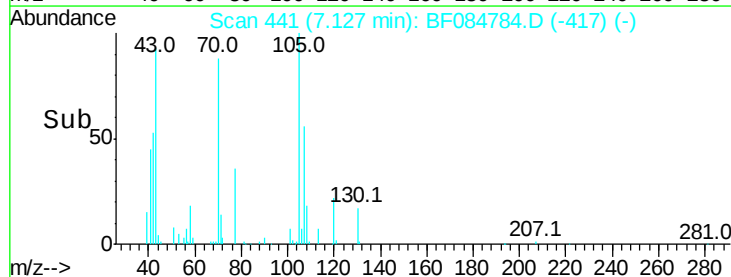
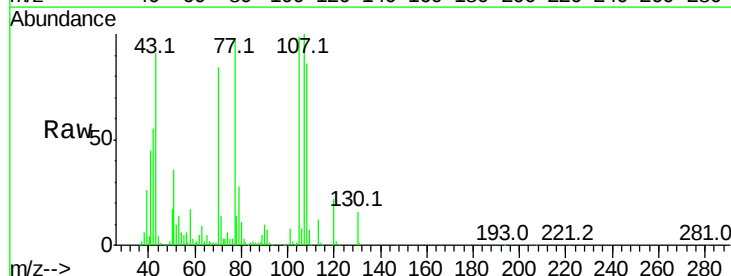
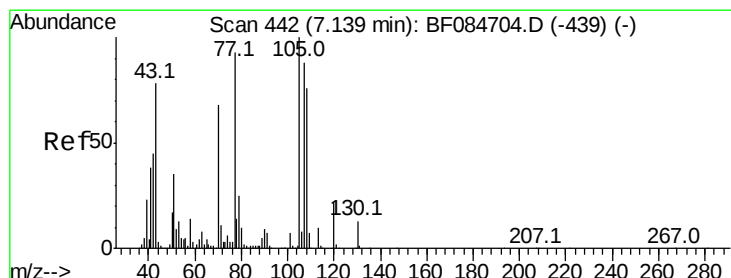
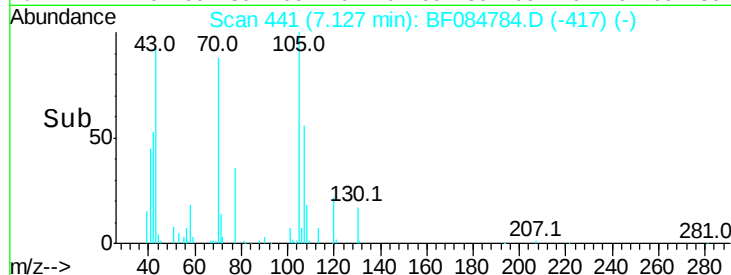
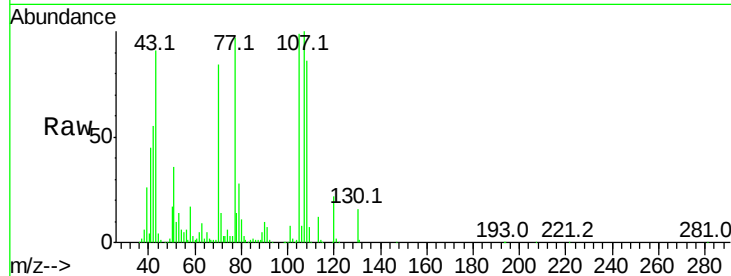
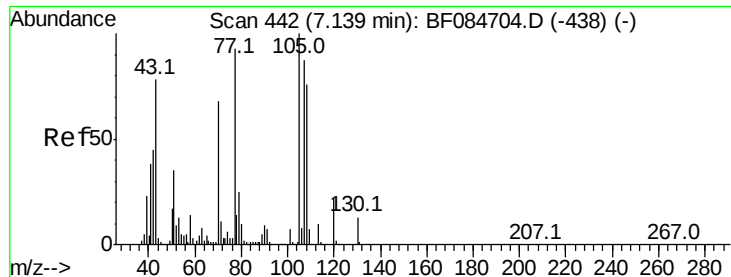
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





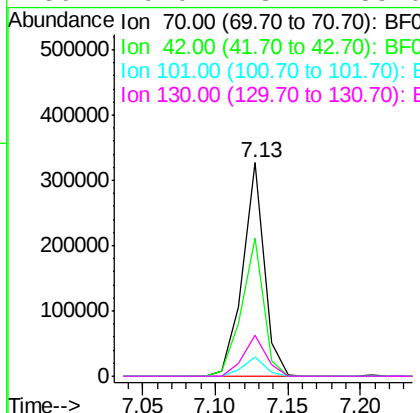
#19
n-Nitroso-di-n-propylamine
Concen: 37.54 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	65.0	33.3	49.9#
101	9.2	9.3	13.9#
130	19.0	23.4	35.0#

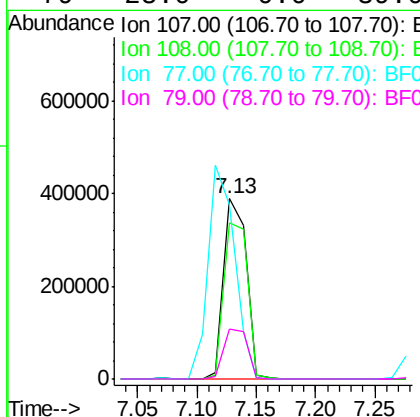
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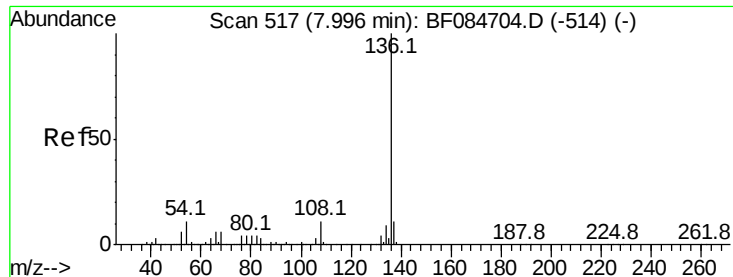
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#20
3+4-Methylphenols
Concen: 39.80 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.4	74.6	114.6
77	96.9	0.7	40.7#
79	28.0	0.0	39.0





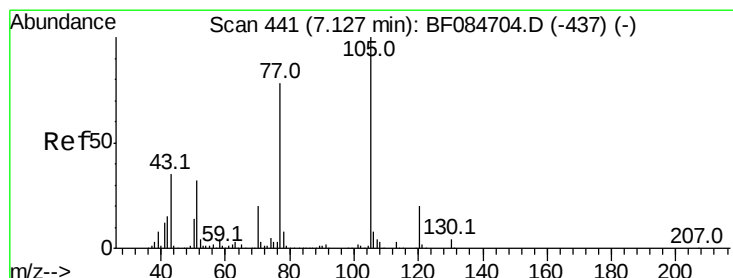
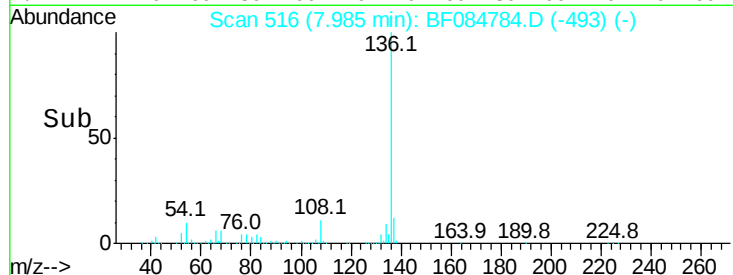
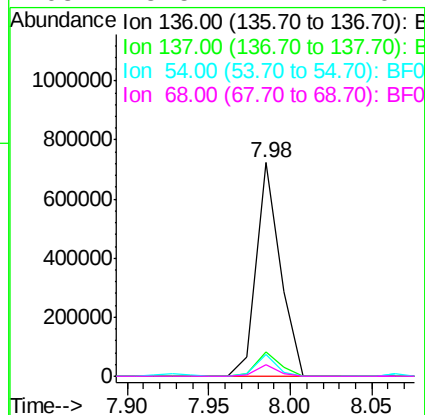
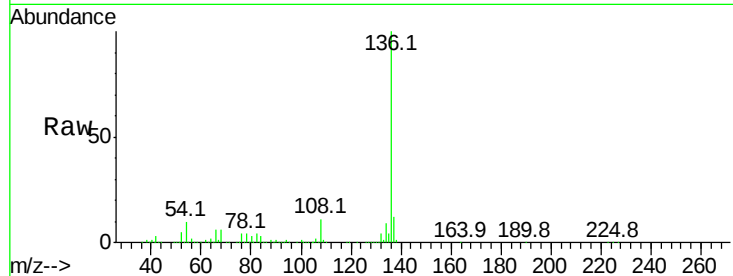
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	10.0	5.8	8.8	
68	5.5	4.2	6.2	

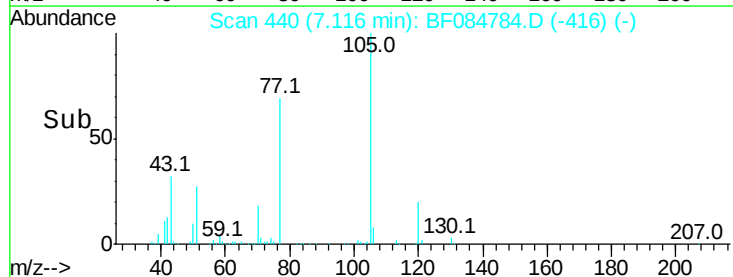
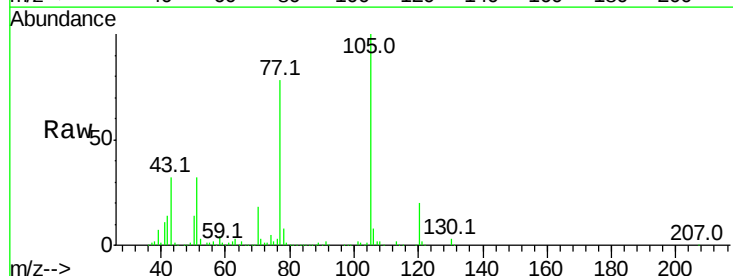
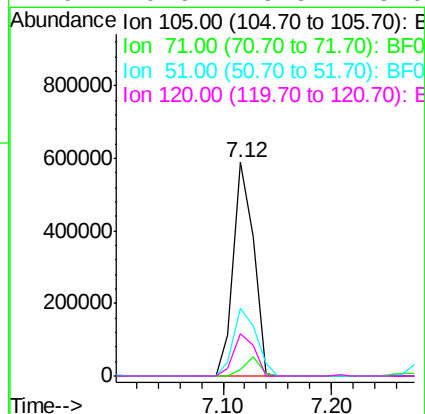
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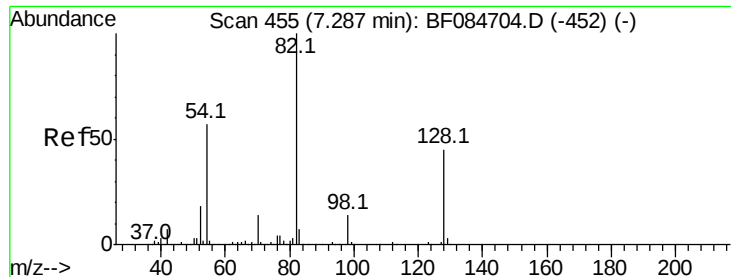
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#22
Acetophenone
Concen: 38.61 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.7	5.5	
51	31.6	25.1	37.7	
120	19.6	16.6	25.0	





#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

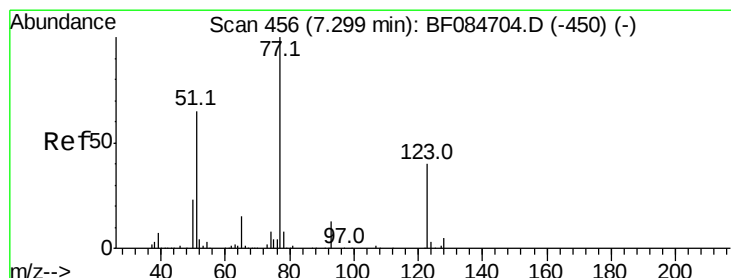
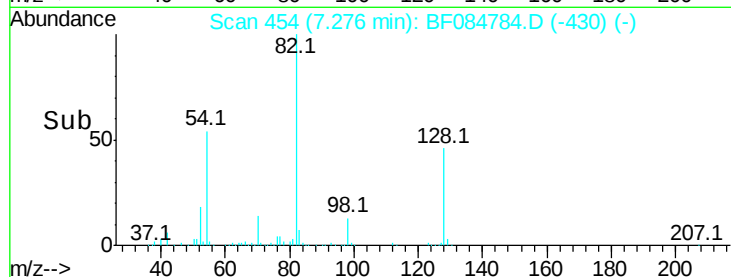
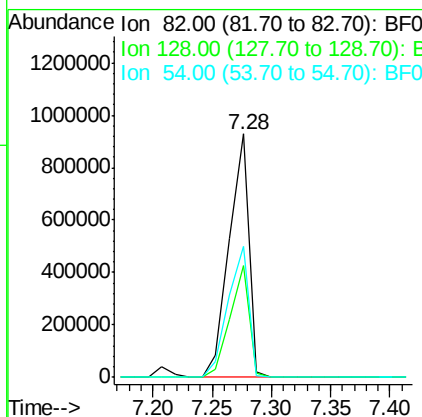
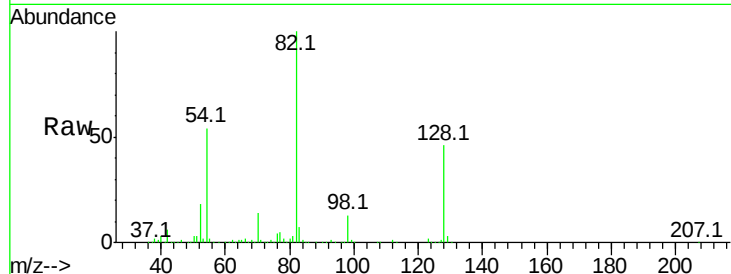
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1074663

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	54.0	38.4	57.6

Manual Integrations
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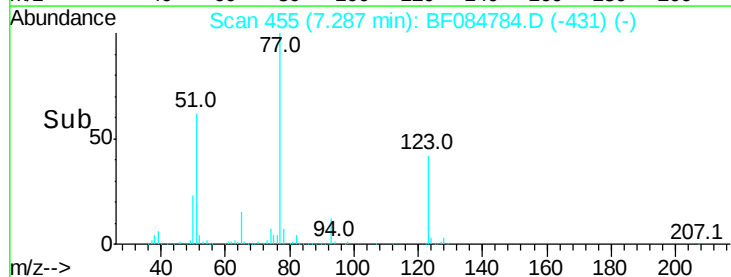
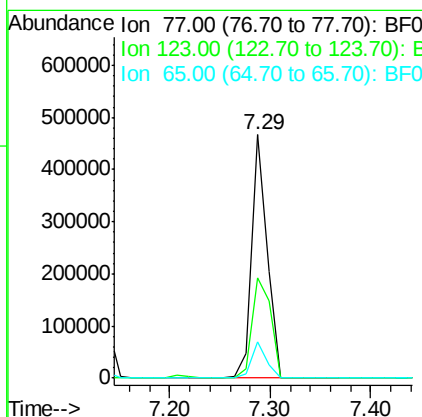
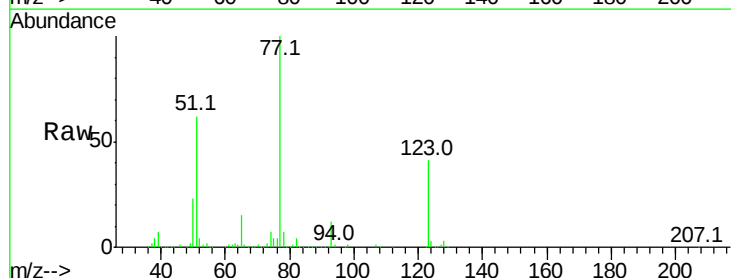
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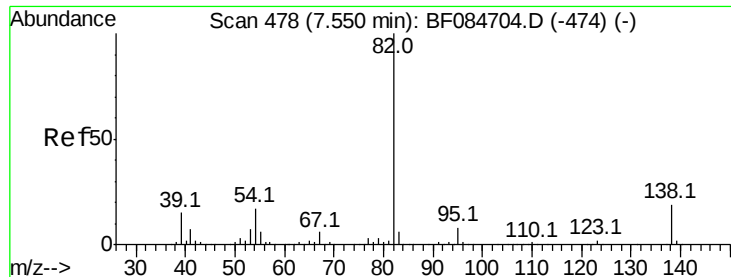


#24
 Nitrobenzene
 Concen: 35.54 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion: 77 Resp: 499212

Ion	Ratio	Lower	Upper
77	100		
123	41.4	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 40.31 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1028139

Ion Ratio Lower Upper

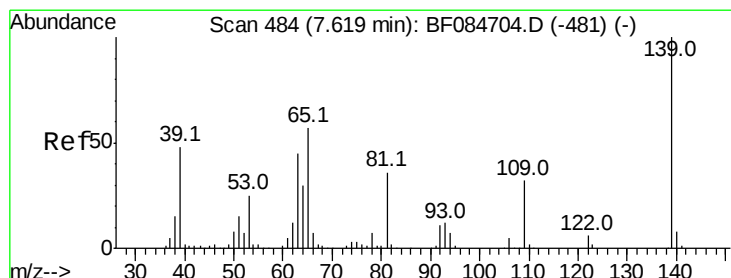
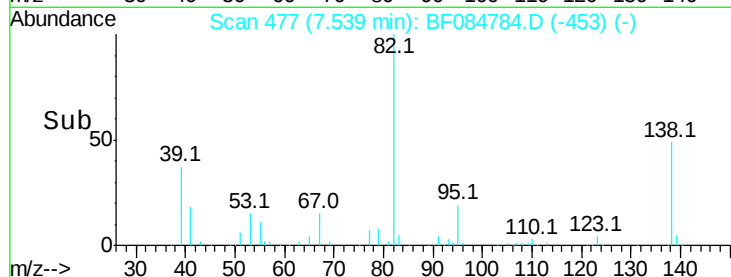
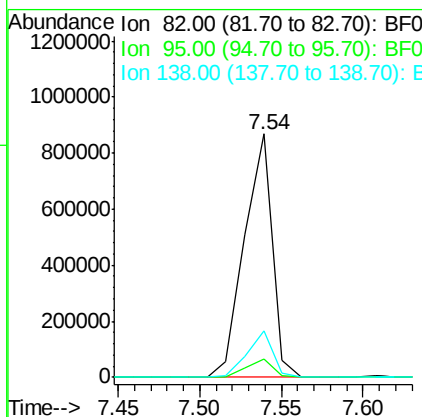
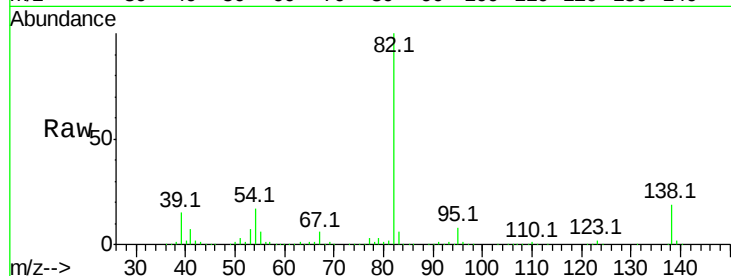
82 100

95 7.6 6.6 10.0

138 18.9 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.14 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

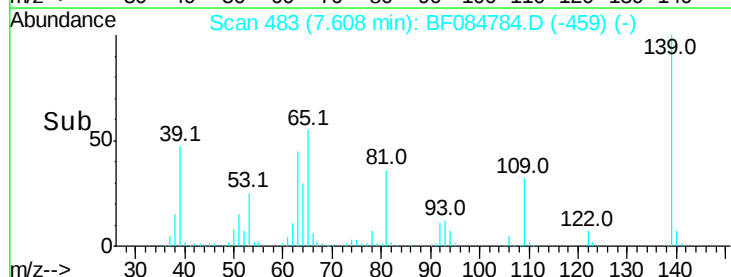
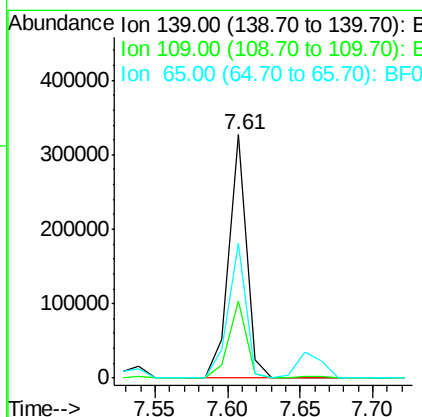
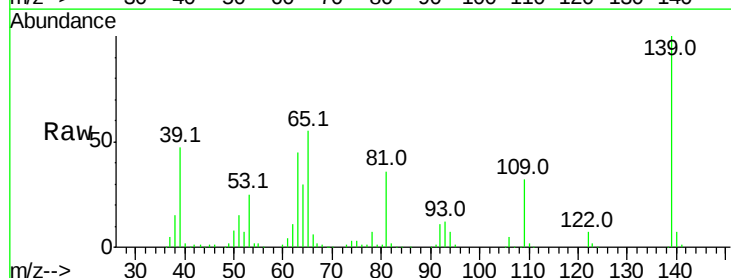
Tgt Ion: 139 Resp: 278084

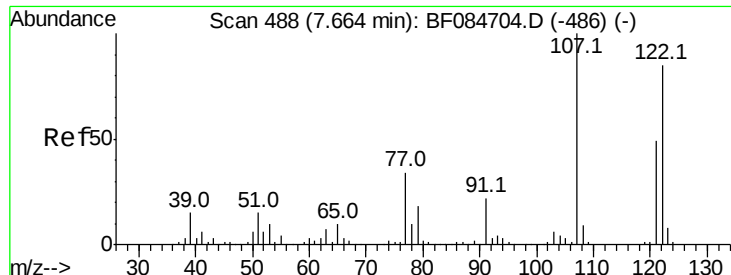
Ion Ratio Lower Upper

139 100

109 31.9 25.4 38.2

65 55.2 32.3 48.5#





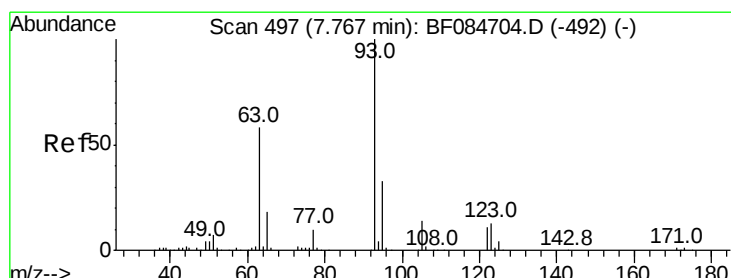
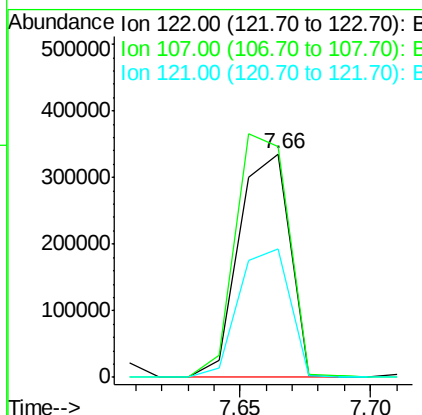
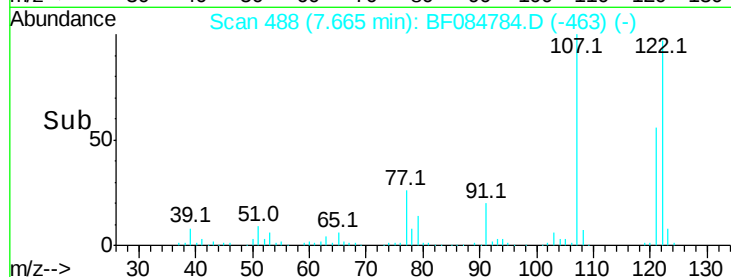
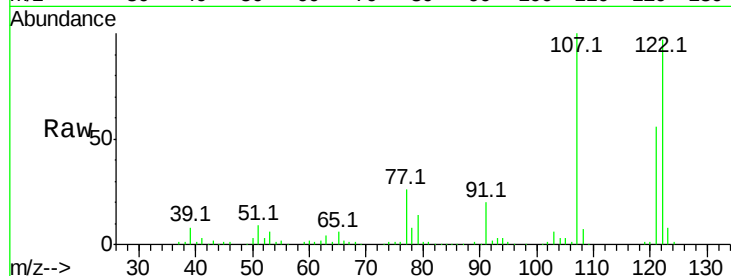
#27
 2,4-Dimethylphenol
 Concen: 37.87 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	456353		
107	103.5	99.1	148.7	
121	57.5	47.9	71.9	

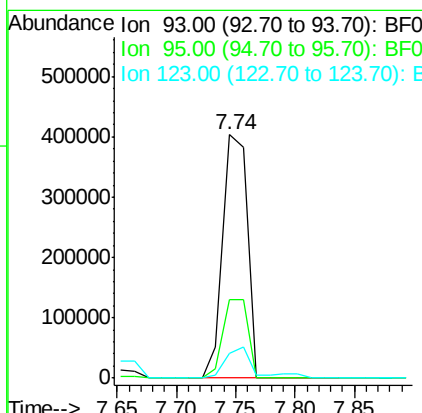
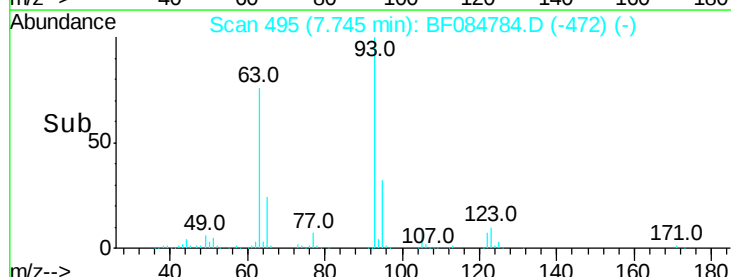
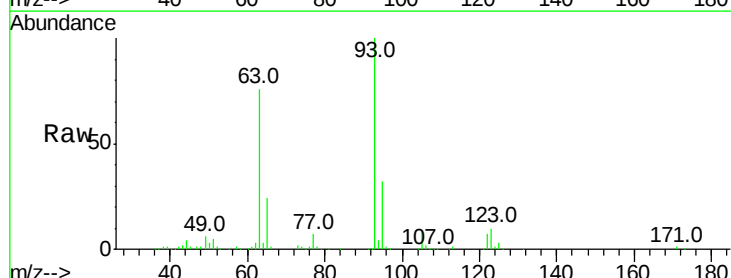
Manual Integrations
 APPROVED

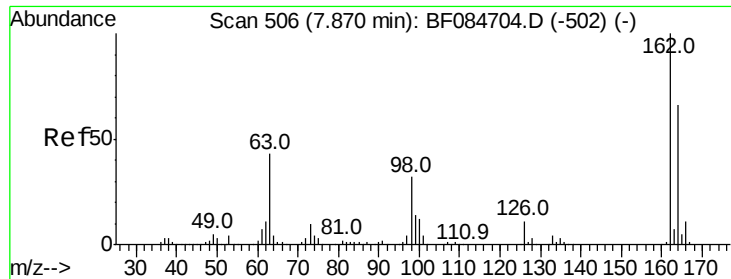
MMDadoda
 2/3/2016 6:25:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.23 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	578464		
95	32.2	25.8	38.6	
123	10.3	8.6	12.8	





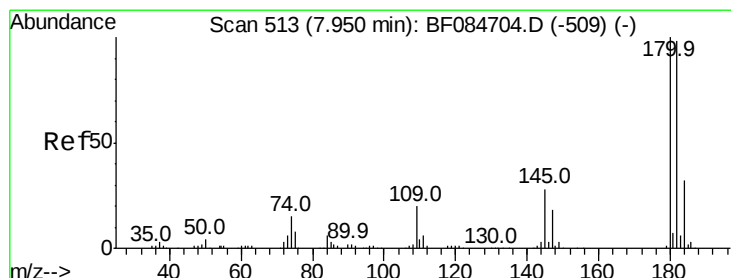
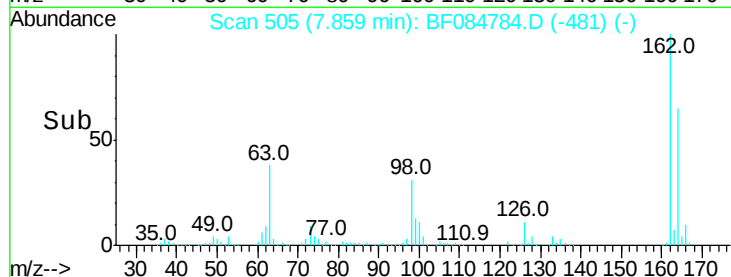
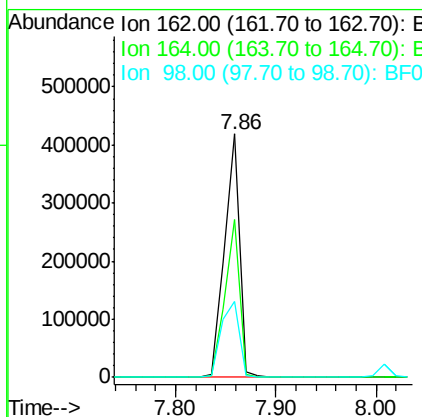
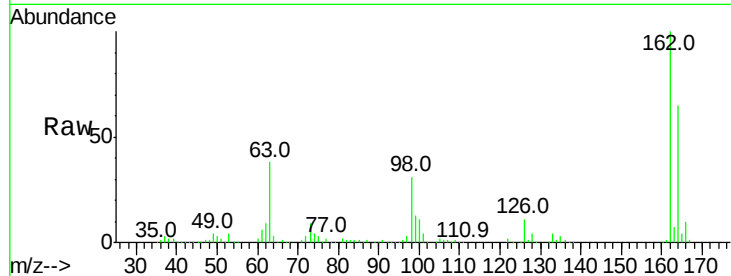
#29
 2,4-Dichlorophenol
 Concen: 42.12 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	434241		
164	65.0		44.1	84.1
98	30.9		20.2	60.2

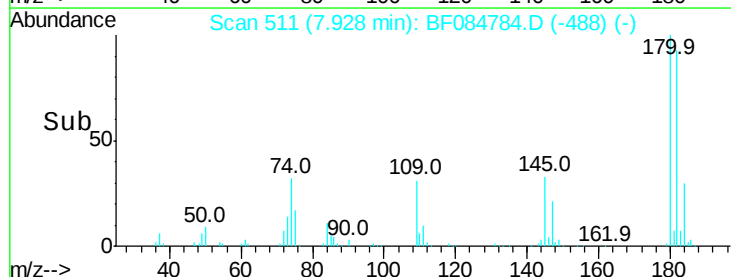
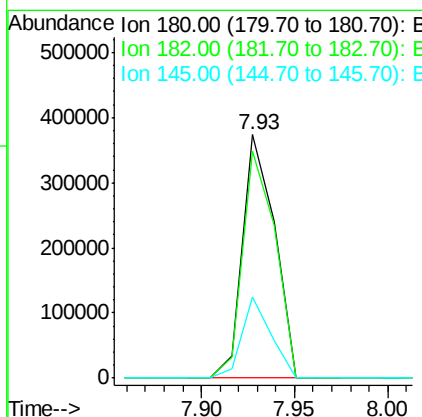
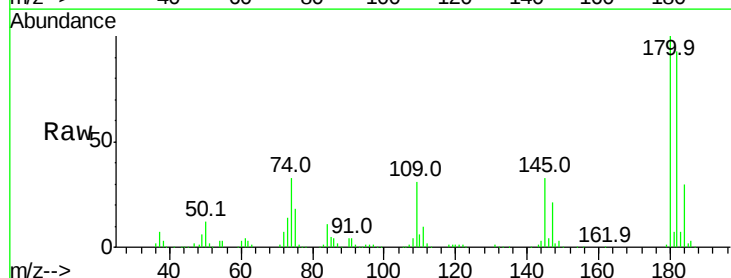
Manual Integrations
 APPROVED

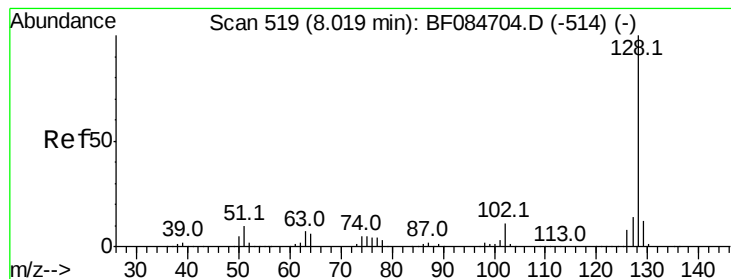
MMDadoda
 2/3/2016 6:25:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.28 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	445701		
182	93.1		76.4	114.6
145	33.2		31.6	47.4





#31

Naphthalene

Concen: 36.26 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1343984

Ion Ratio Lower Upper

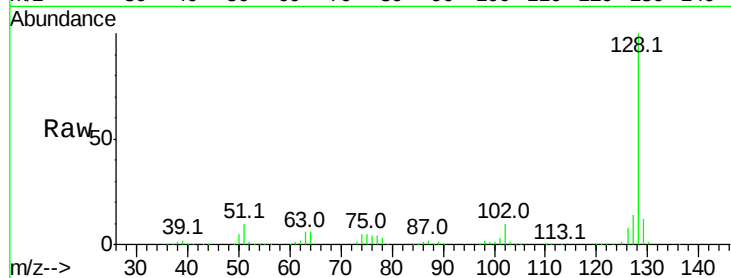
128 100

129 11.8 9.1 13.7

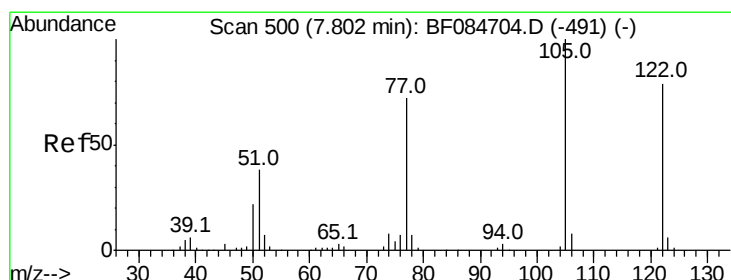
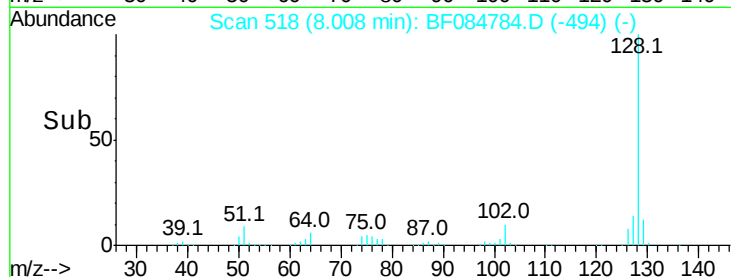
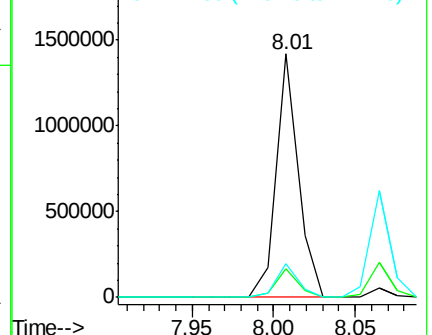
127 13.8 11.1 16.7

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



#32

Benzoic acid

Concen: 41.66 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

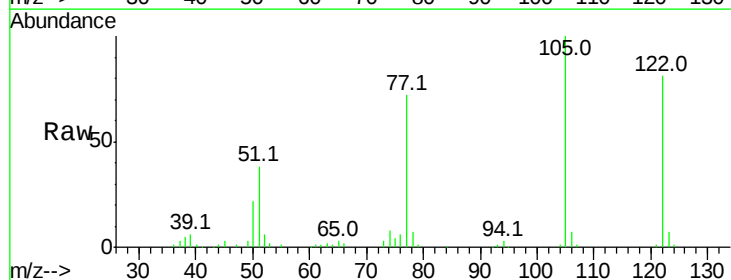
Tgt Ion:122 Resp: 321059

Ion Ratio Lower Upper

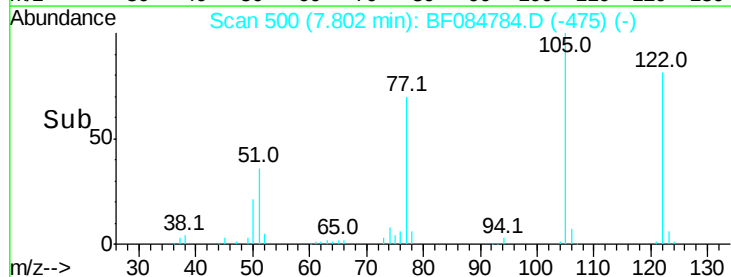
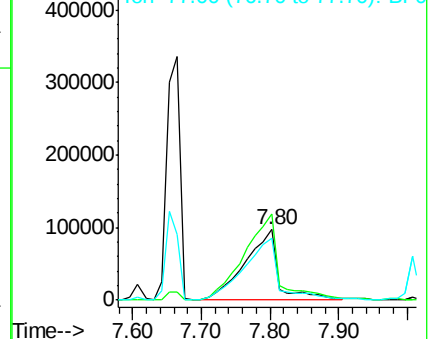
122 100

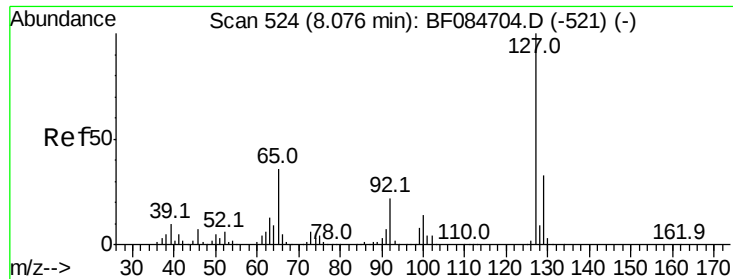
105 123.1 100.3 140.3

77 88.8 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





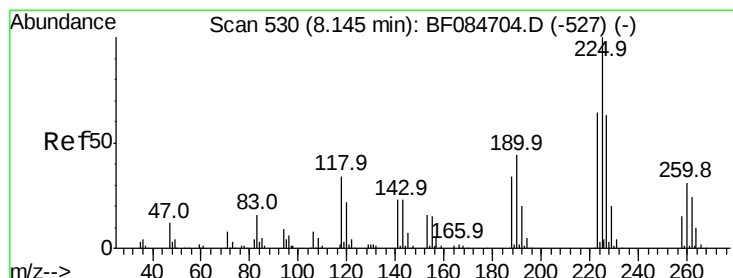
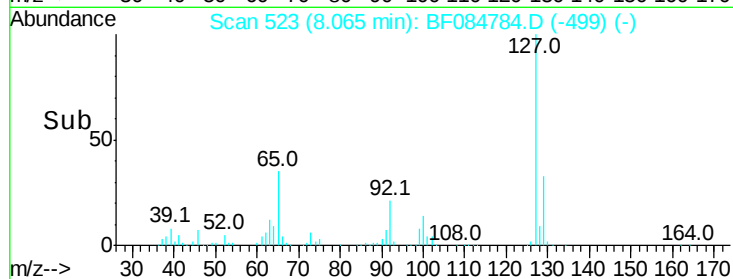
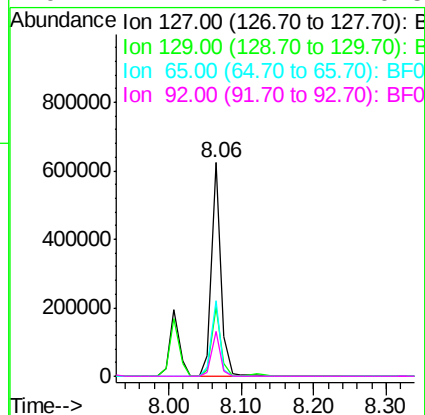
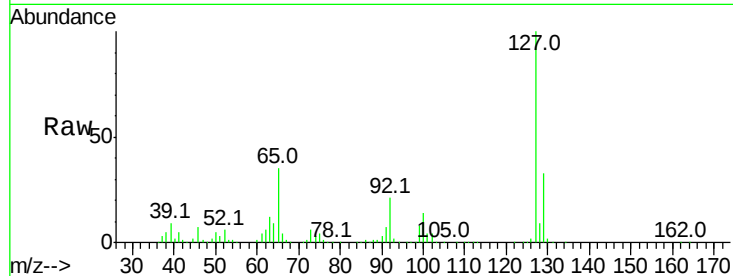
#33
4-Chloroaniline
Concen: 36.81 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.5	39.7	
65	35.3	27.2	40.8	
92	21.1	17.7	26.5	

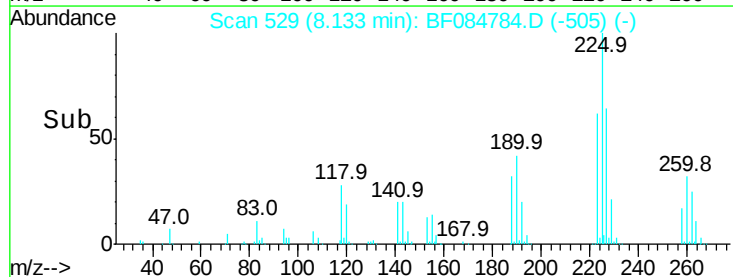
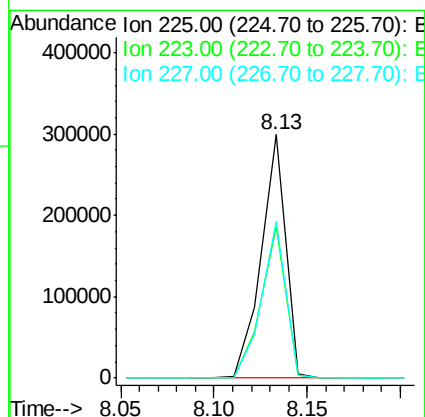
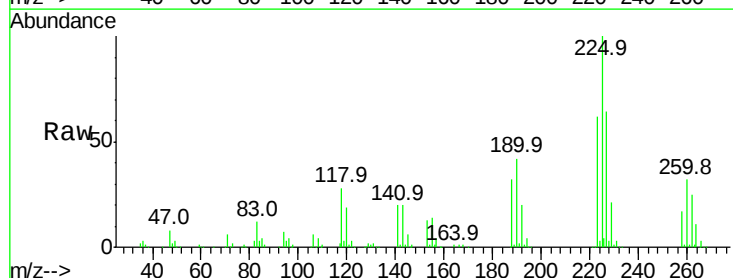
Manual Integrations
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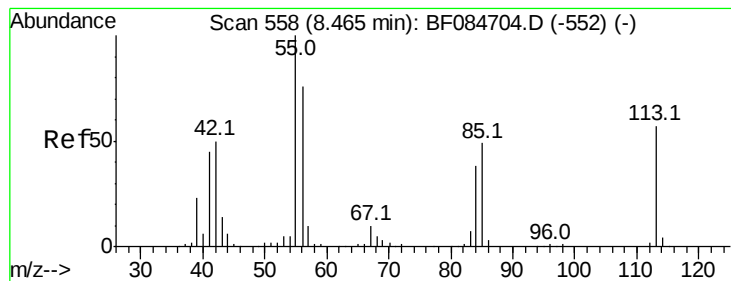
MMDadoda
2/3/2016 6:25:52 PM



#34
Hexachlorobutadiene
Concen: 40.13 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	49.4	74.0	
227	64.3	50.8	76.2	





#35

Caprolactam

Concen: 39.45 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 125348

Ion Ratio Lower Upper

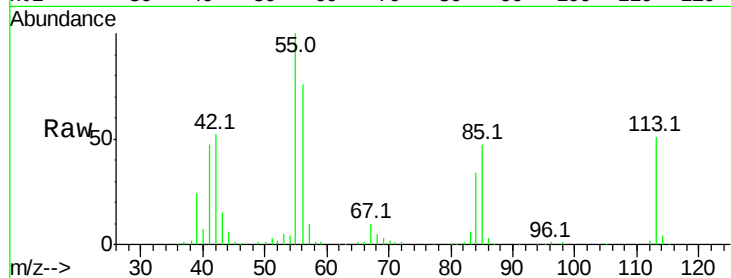
113 100

55 198.0 116.9 156.9#

56 151.2 93.8 133.8#

Manual Integrations
APPROVED

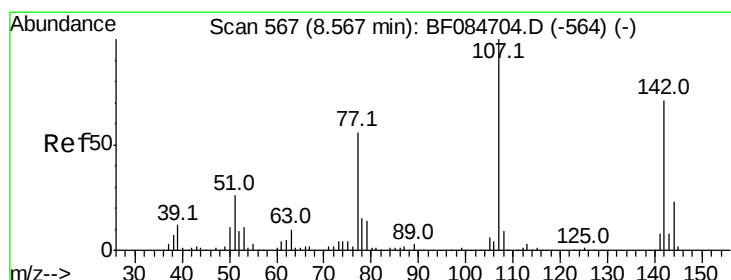
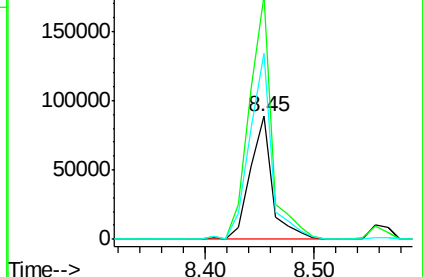
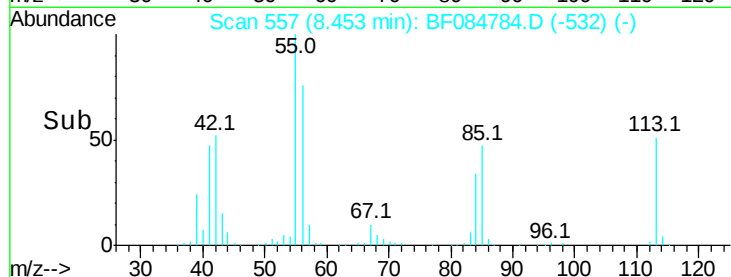
MMDadoda
2/3/2016 6:25:52 PM



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: 37.69 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

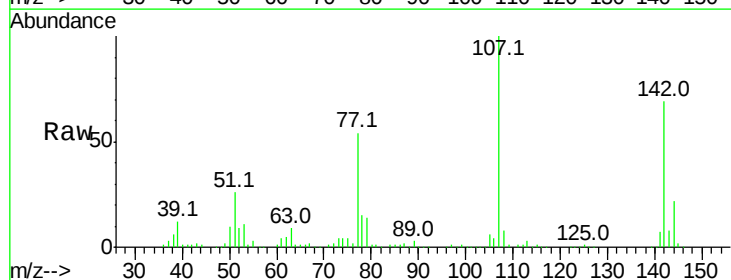
Tgt Ion:107 Resp: 443250

Ion Ratio Lower Upper

107 100

144 22.1 19.7 29.5

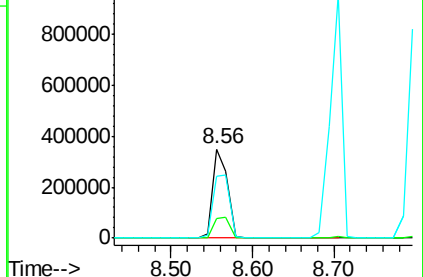
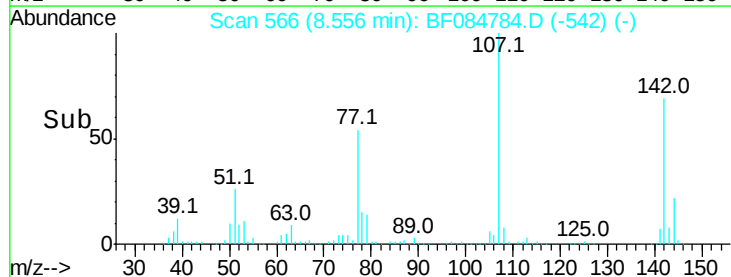
142 69.5 61.8 92.6

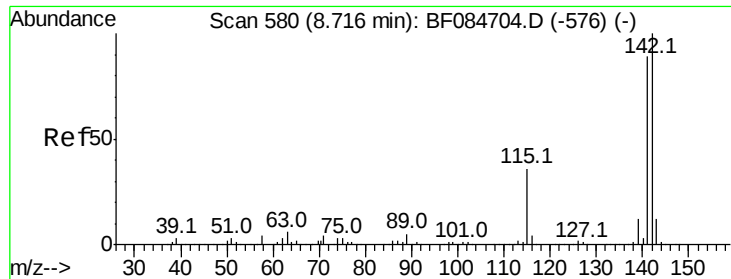


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





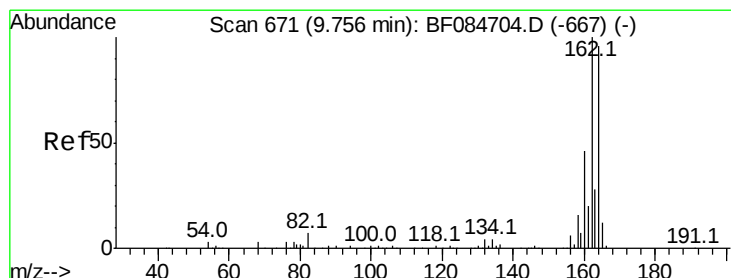
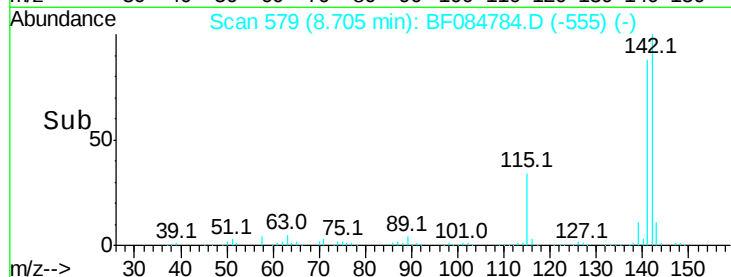
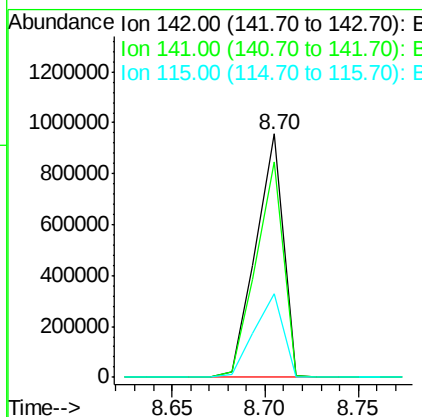
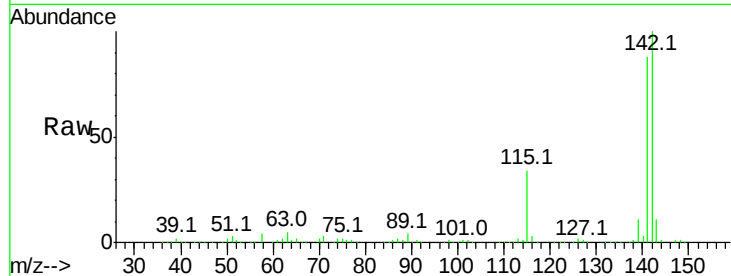
#37
2-Methylnaphthalene
Concen: 42.22 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.4	108.6
115	34.5	27.9	41.9

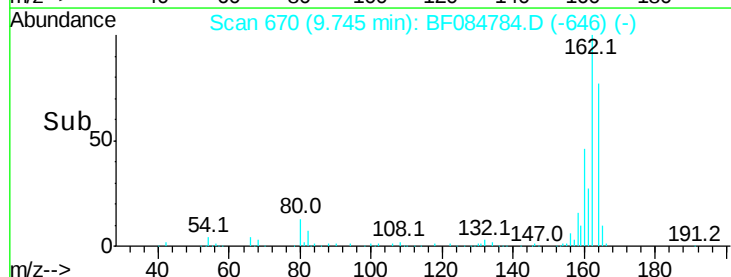
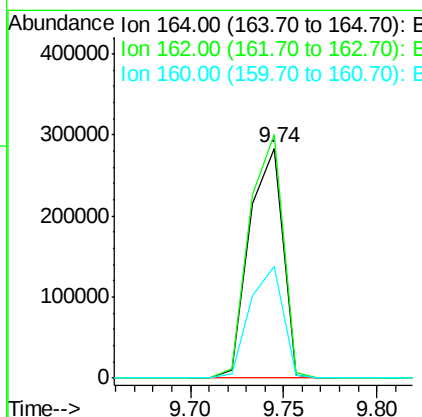
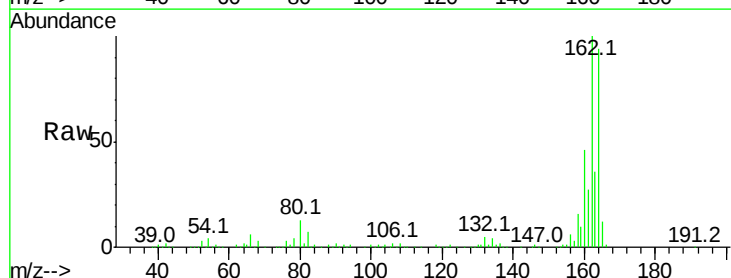
Manual Integrations
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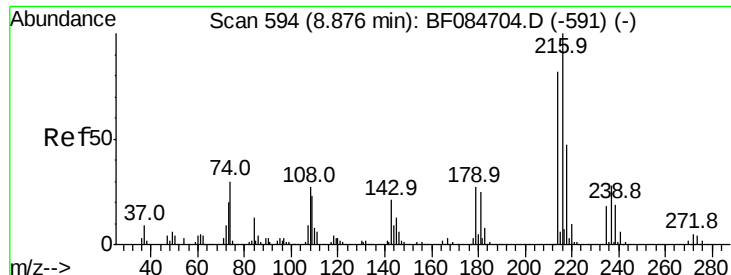
MMDadoda
2/3/2016 6:25:52 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	48.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.85 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

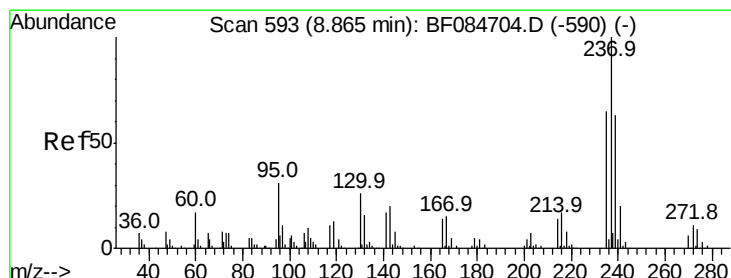
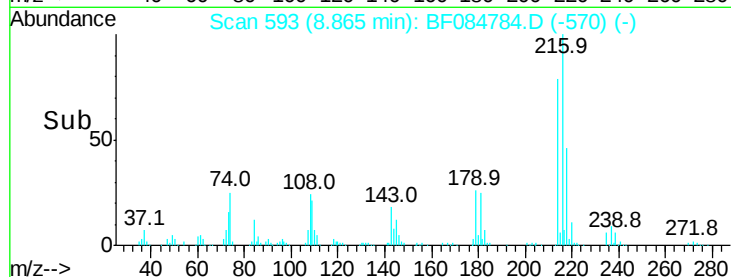
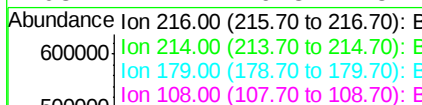
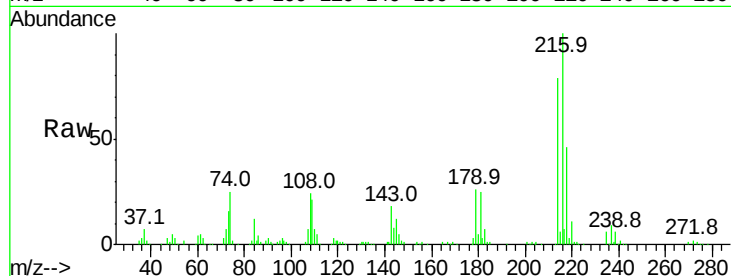
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	411852		
214	79.1	64.2	96.2	
179	23.5	18.7	28.1	
108	21.2	16.8	25.2	

Manual Integrations
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2/3/2016 6:25:52 PM



#40

Hexachlorocyclopentadiene

Concen: 41.33 ng

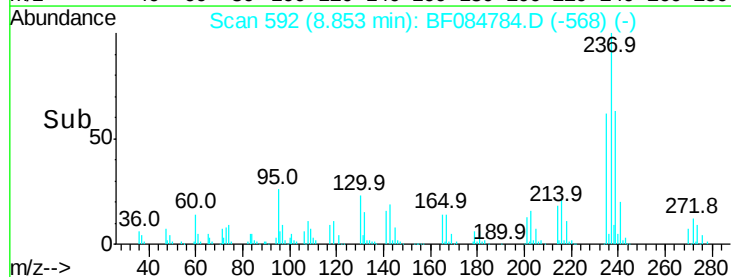
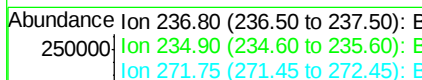
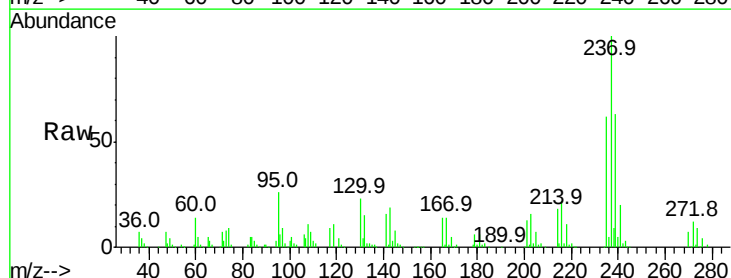
RT: 8.85 min Scan# 592

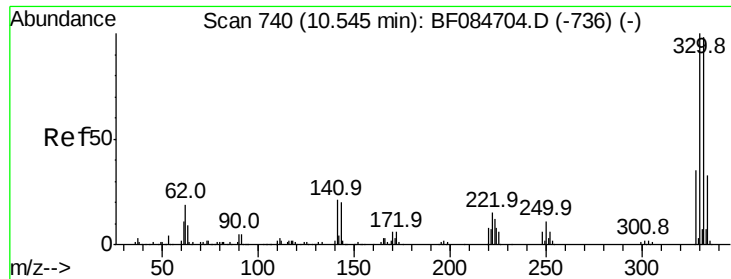
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	162296		
235	62.2	43.1	83.1	
272	11.8	0.0	35.1	





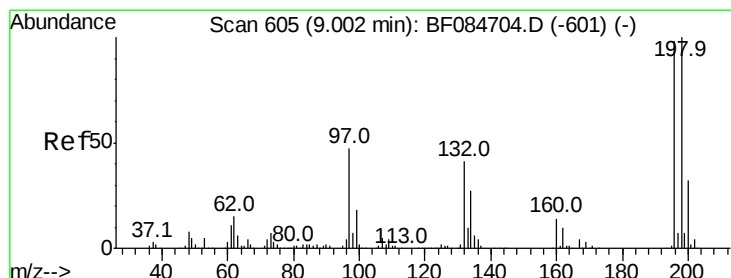
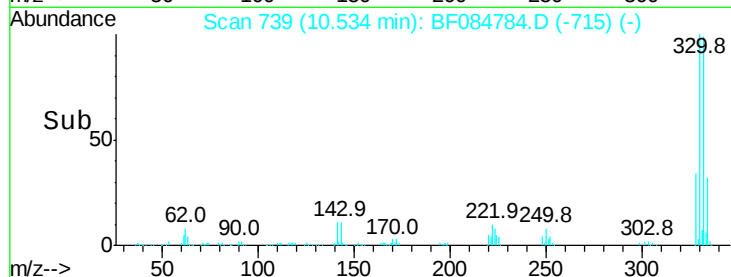
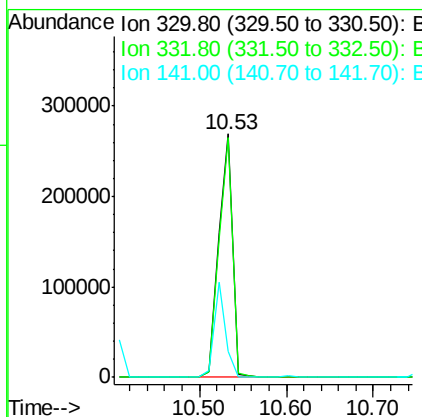
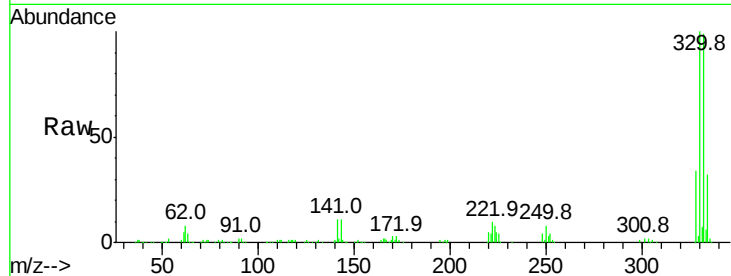
#41
 2,4,6-Tribromophenol
 Concen: 83.39 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	306097		
332	97.6	76.6	114.8	
141	32.3	27.8	41.6	

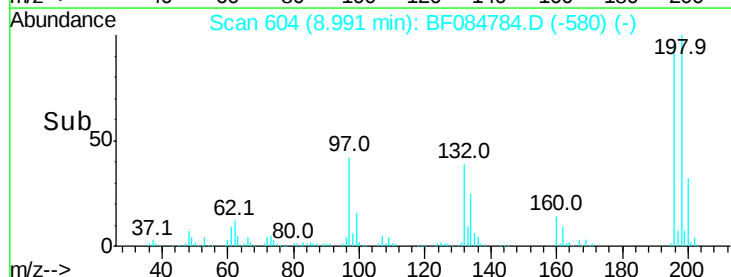
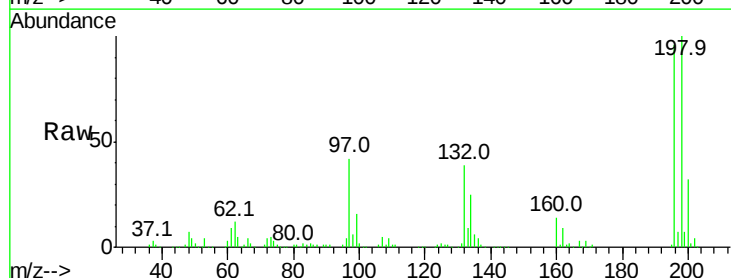
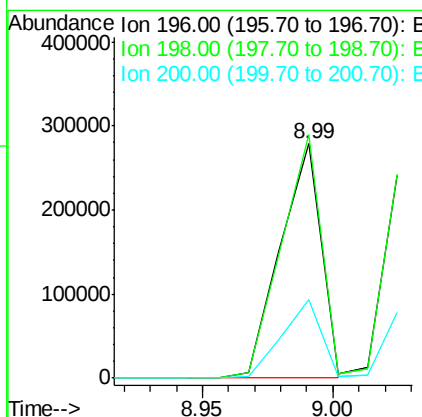
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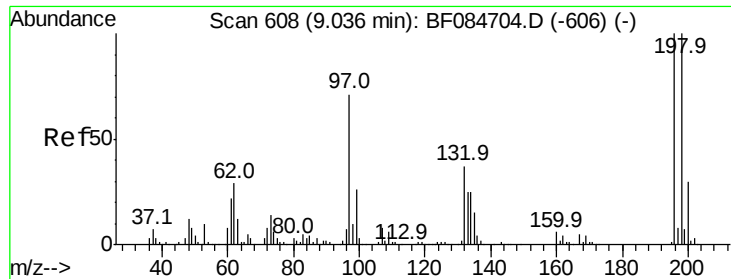
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#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301227		
198	103.8	77.7	116.5	
200	33.3	24.6	37.0	





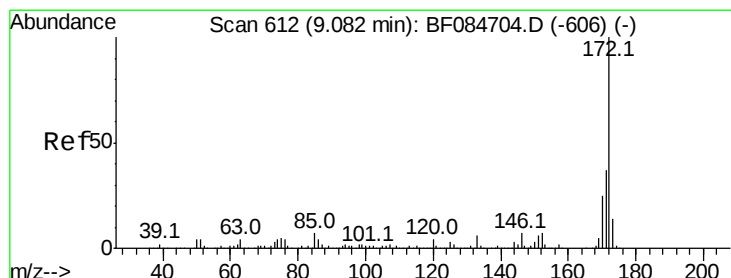
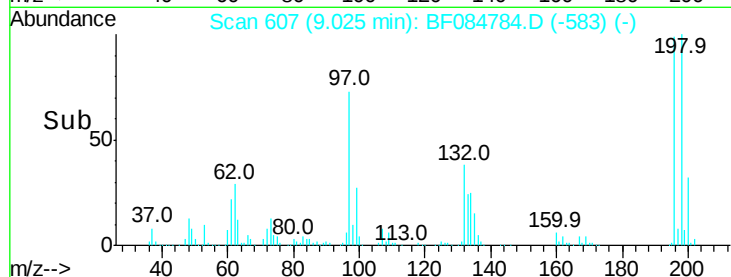
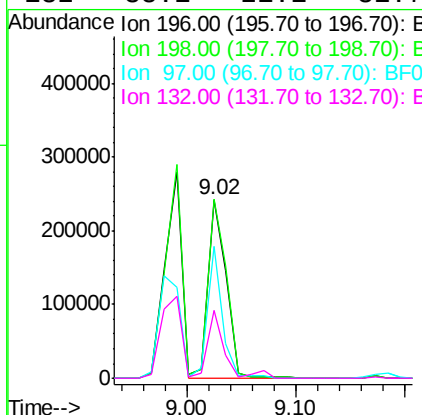
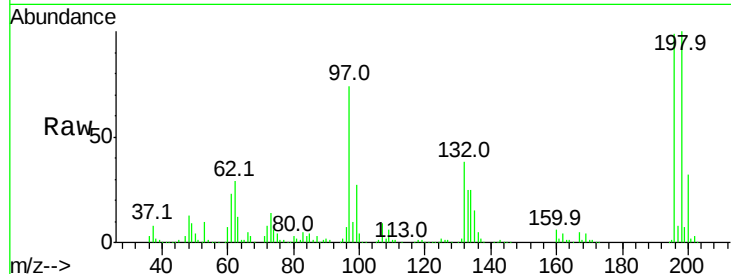
#43
 2,4,5-Trichlorophenol
 Concen: 38.47 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	281432
Ion Ratio		Lower	Upper
196	100		
198	100.7	79.0	118.6
97	74.2	33.0	49.6#
132	38.1	21.1	31.7#

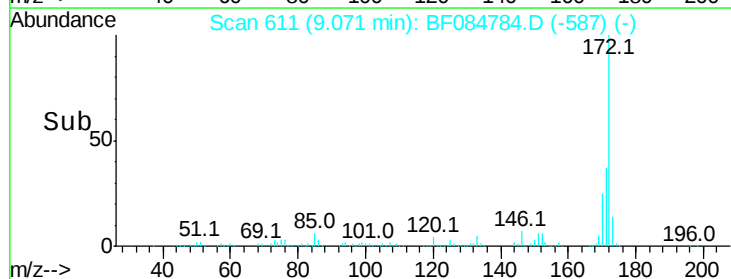
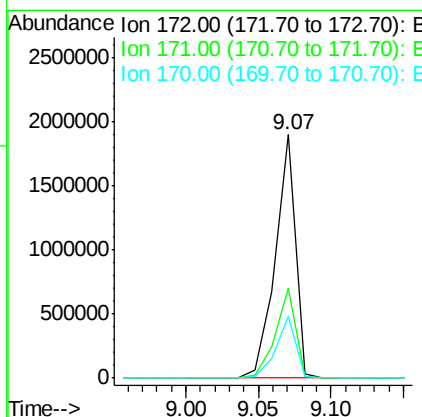
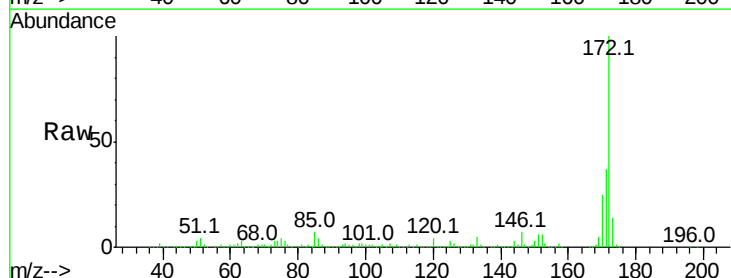
Manual Integrations
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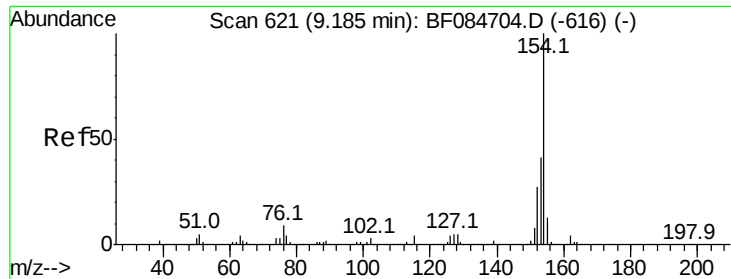
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#44
 2-Fluorobiphenyl
 Concen: 89.09 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion:	172	Resp:	1831781
Ion Ratio		Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.5	18.6	27.8





#45

1,1'-Biphenyl

Concen: 39.35 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1237003

Ion Ratio Lower Upper

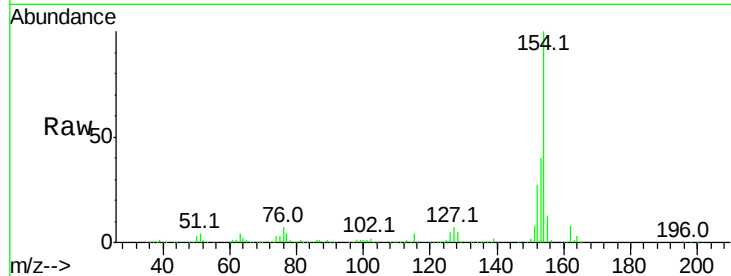
154 100

153 39.7 21.6 61.6

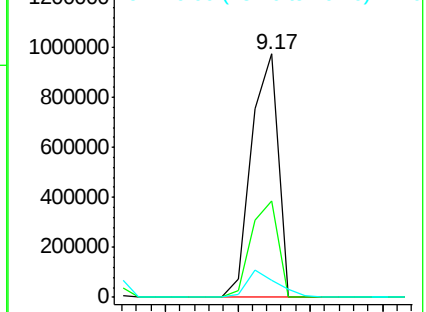
76 7.1 0.0 32.7

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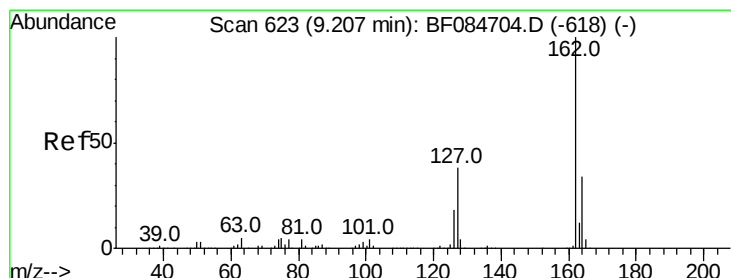
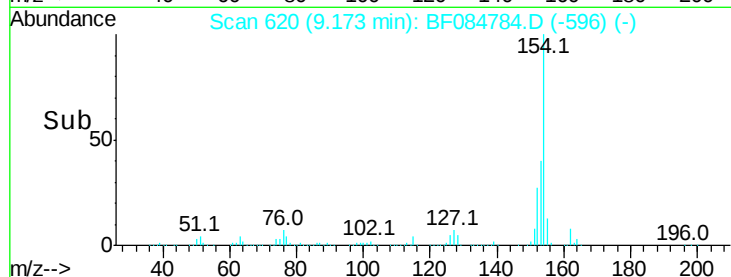
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 37.63 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

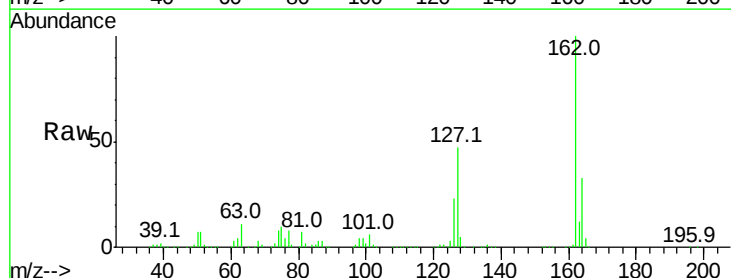
Tgt Ion:162 Resp: 871174

Ion Ratio Lower Upper

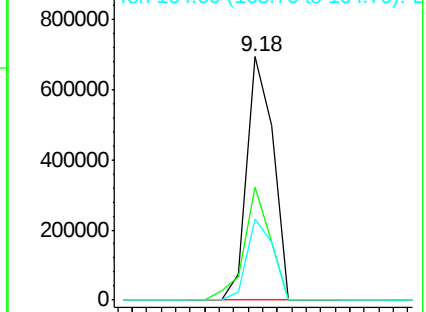
162 100

127 46.5 40.2 60.4

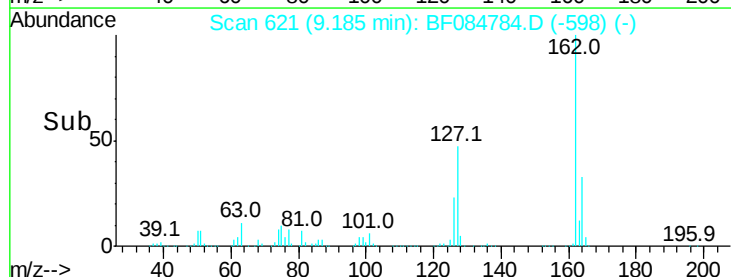
164 33.1 25.7 38.5

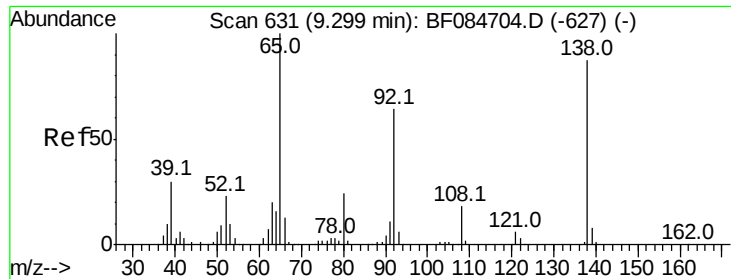


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





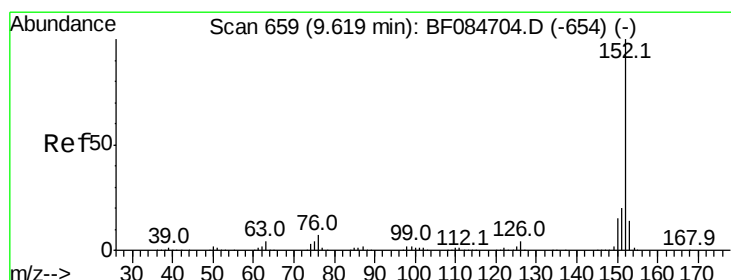
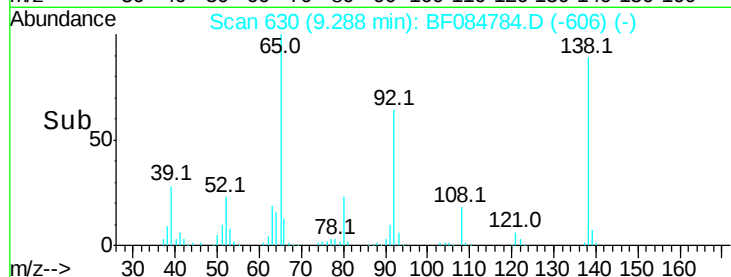
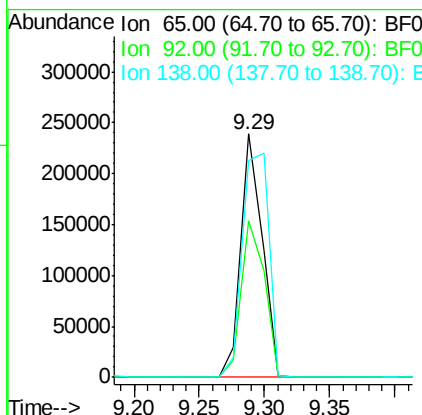
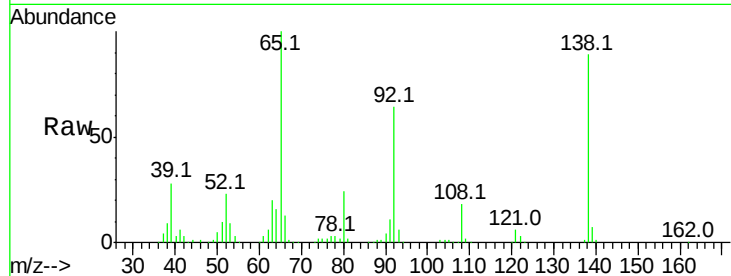
#47
2-Nitroaniline
Concen: 37.04 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	53.4	80.2
138	88.8	71.1	106.7

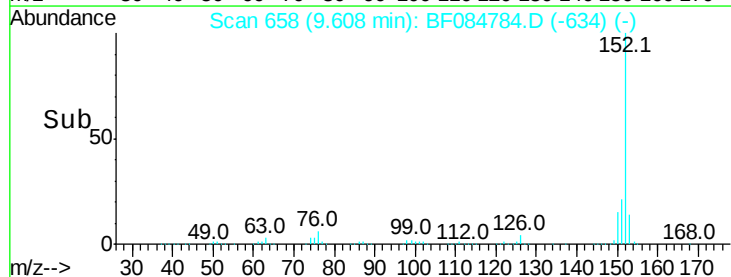
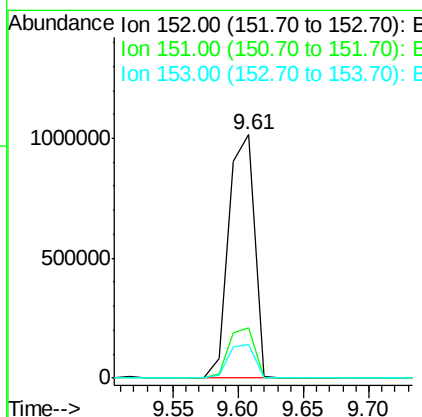
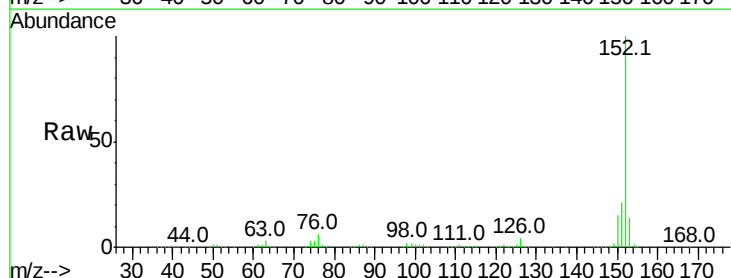
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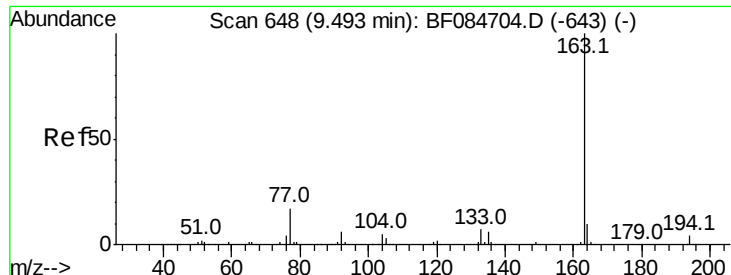
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#48
Acenaphthylene
Concen: 39.28 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.9	10.4	15.6





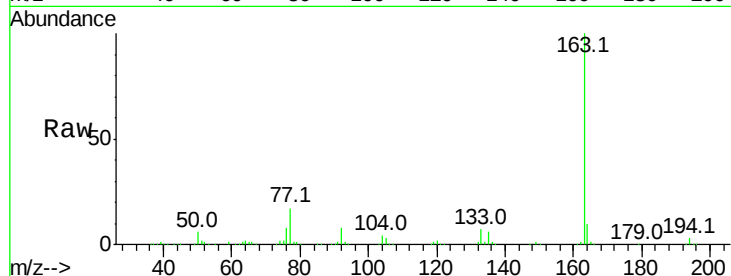
#49
Dimethylphthalate
Concen: 42.60 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

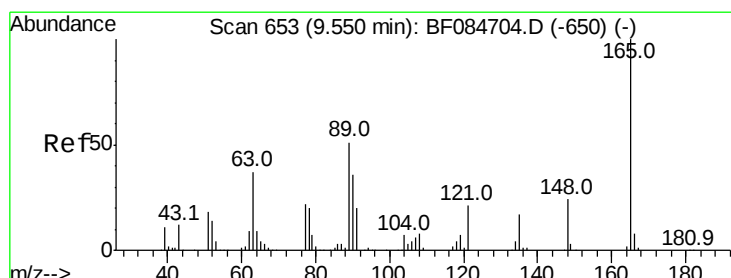
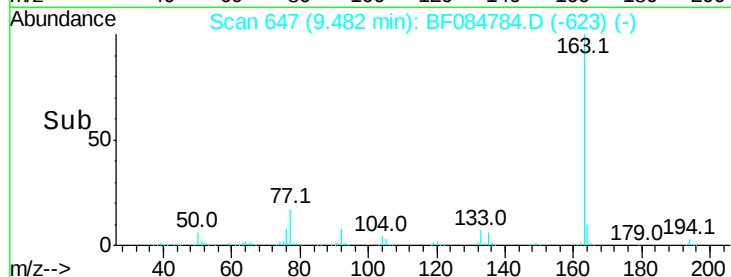
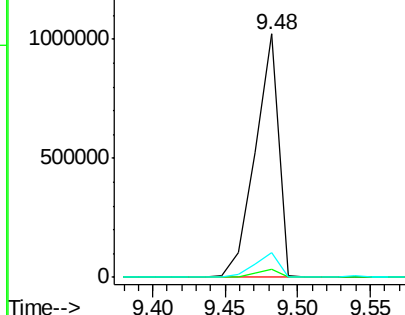
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.2	8.0	12.0

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2/3/2016 6:25:52 PM



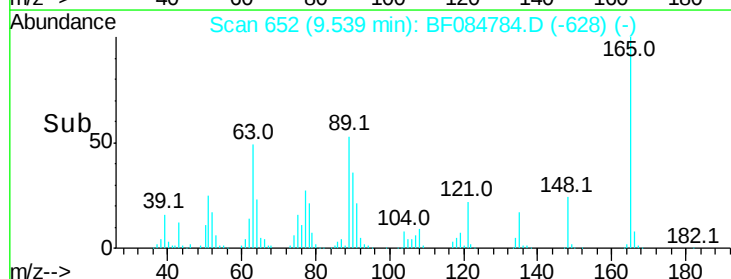
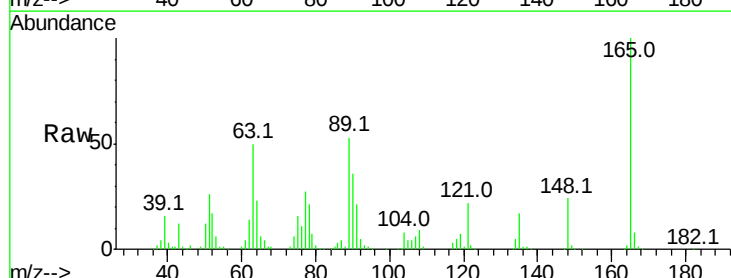
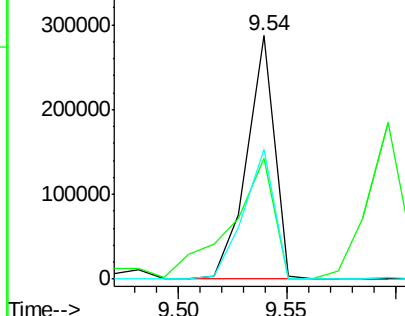
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

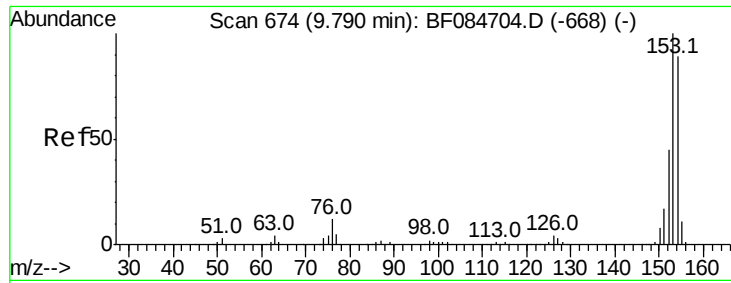


#50
2,6-Dinitrotoluene
Concen: 43.27 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	28.8	43.2#
89	53.3	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: 38.48 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

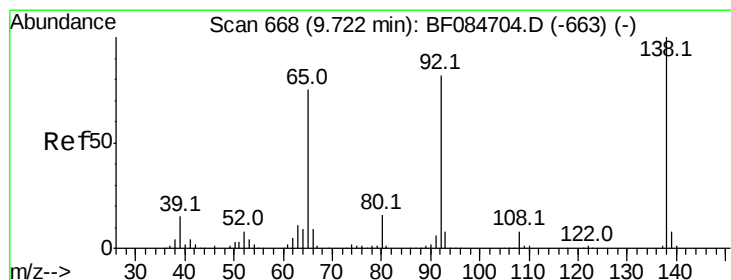
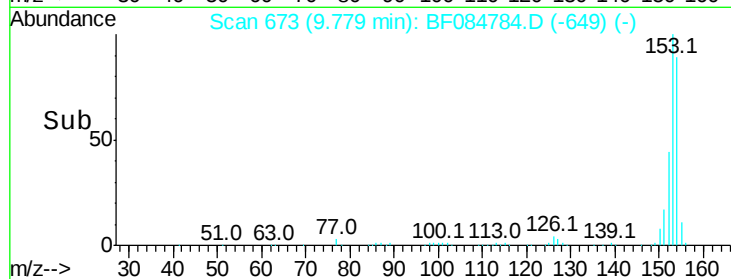
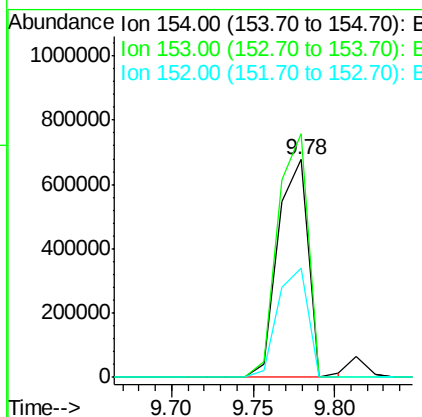
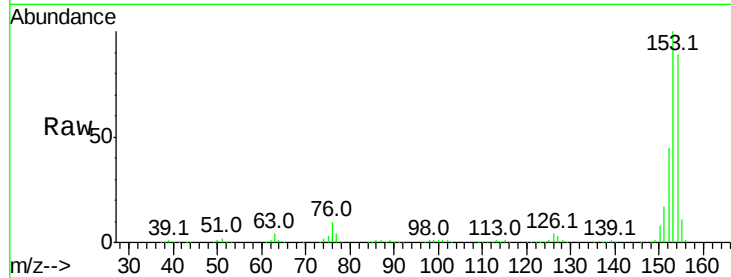
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	879436
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.5	137.3
152	50.0	43.0	64.6

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2/3/2016 6:25:52 PM



#52

3-Nitroaniline

Concen: 40.70 ng

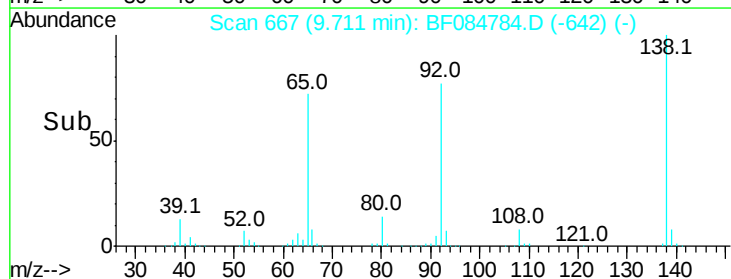
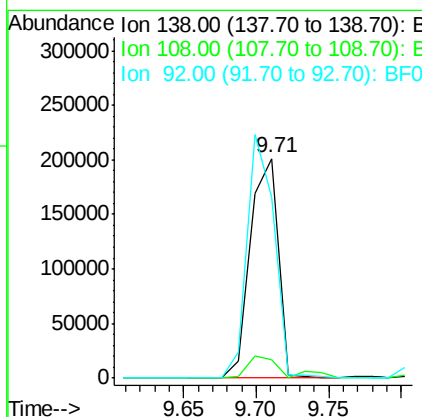
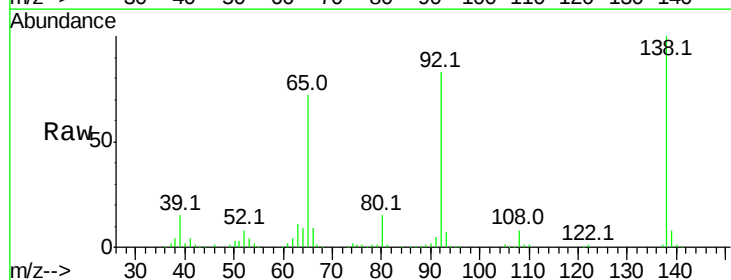
RT: 9.71 min Scan# 667

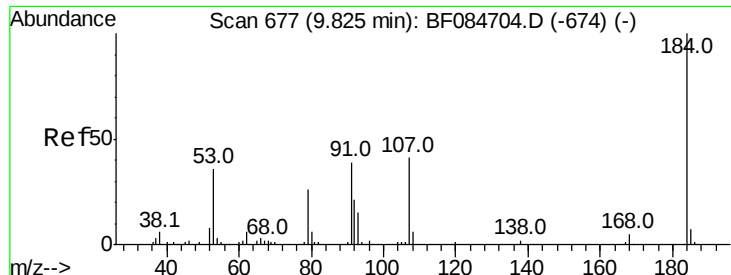
Delta R.T. -0.01 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:	138	Resp:	267806
Ion Ratio	Lower	Upper	
138	100		
108	8.4	10.5	15.7#
92	82.6	103.9	155.9#





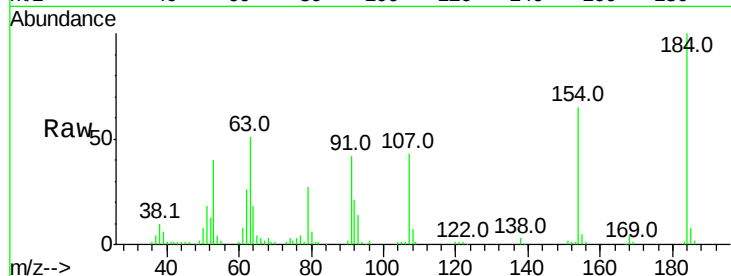
#53
 2,4-Dinitrophenol
 Concen: 37.78 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

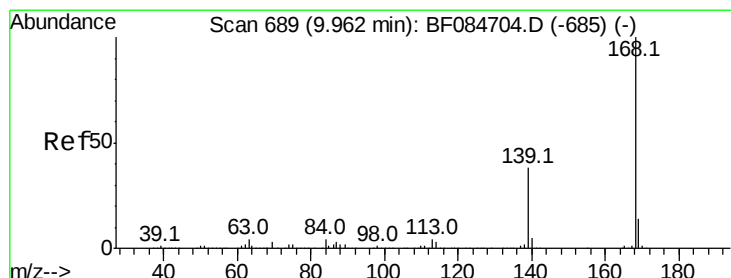
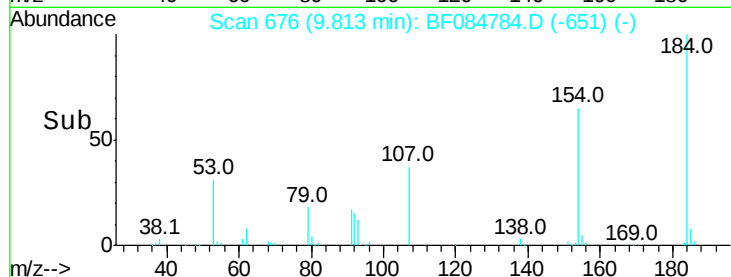
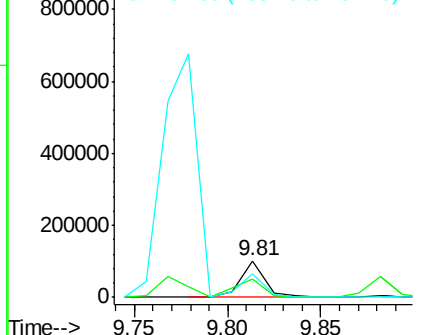
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.7	43.1	64.7	
154	65.4	60.5	90.7	

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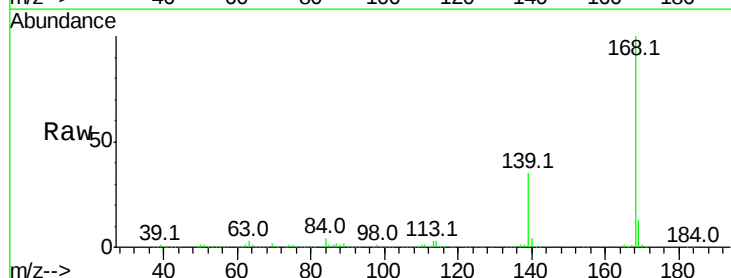


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

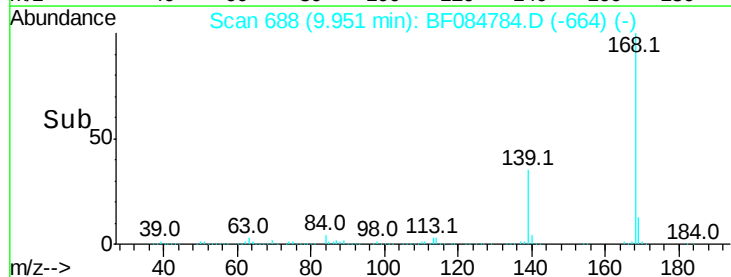
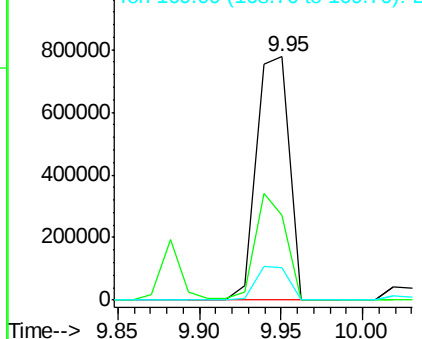


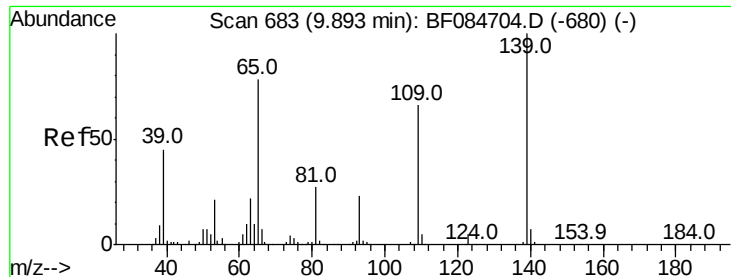
#54
 Dibenzofuran
 Concen: 38.92 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.6	30.5	45.7	
169	13.3	10.4	15.6	



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





#55

4-Nitrophenol

Concen: 35.71 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:139 Resp: 172692

Ion Ratio Lower Upper

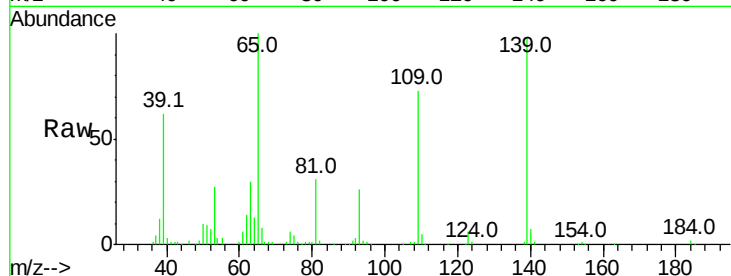
139 100

109 74.4 58.5 98.5

65 101.9 57.6 97.6#

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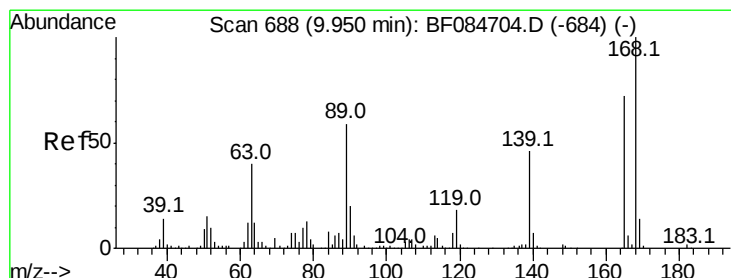
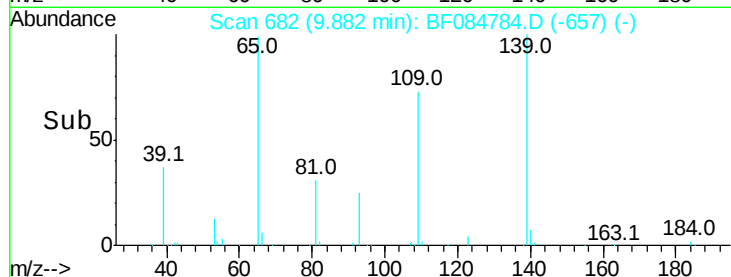
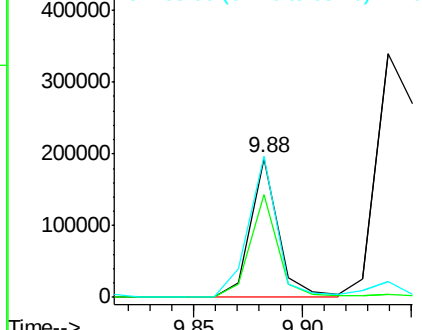
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.32 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:165 Resp: 308597

Ion Ratio Lower Upper

165 100

63 59.1 36.7 55.1#

89 80.3 61.9 92.9

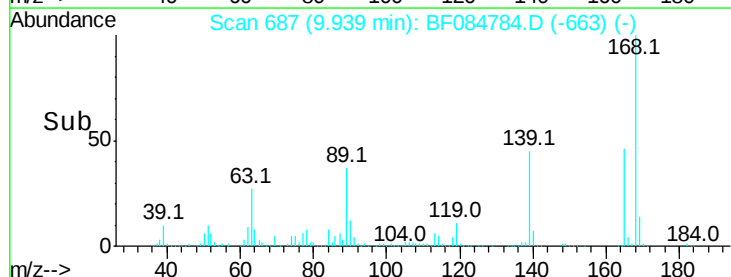
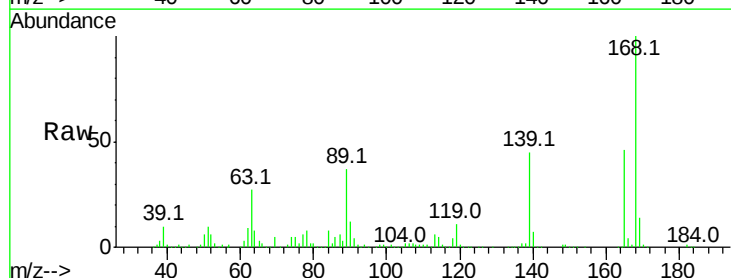
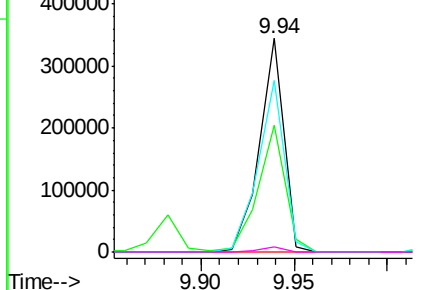
182 2.1 2.0 3.0

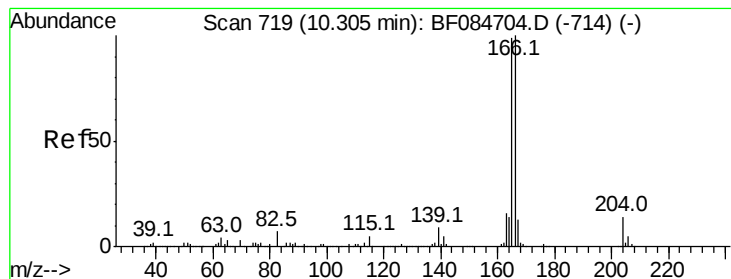
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.96 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 885315

Ion Ratio Lower Upper

166 100

165 97.7 79.1 118.7

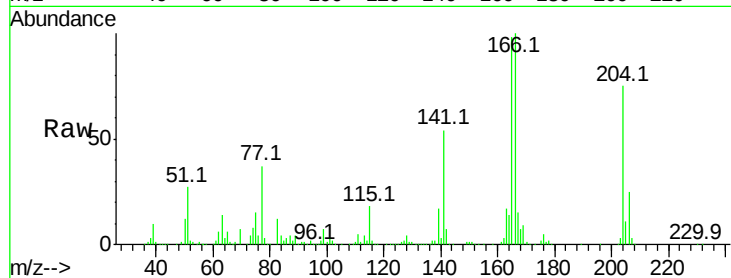
167 14.8 10.4 15.6

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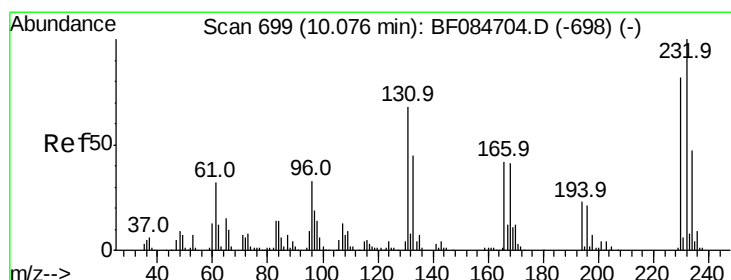
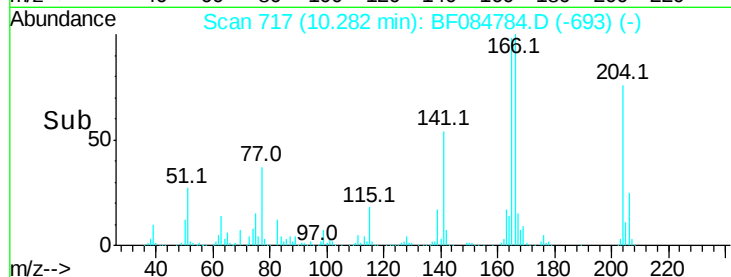
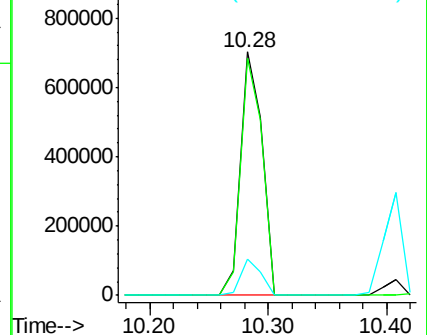
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.15 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:232 Resp: 212464

Ion Ratio Lower Upper

232 100

131 51.6 47.0 70.6

130 2.4 2.0 3.0

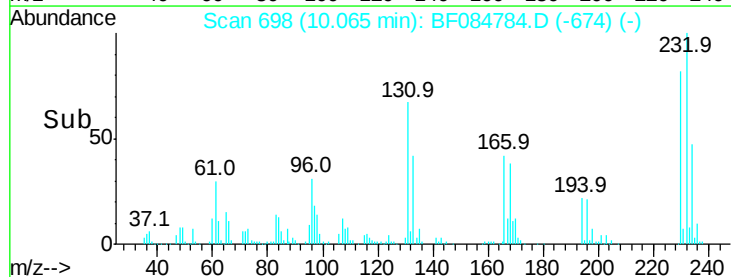
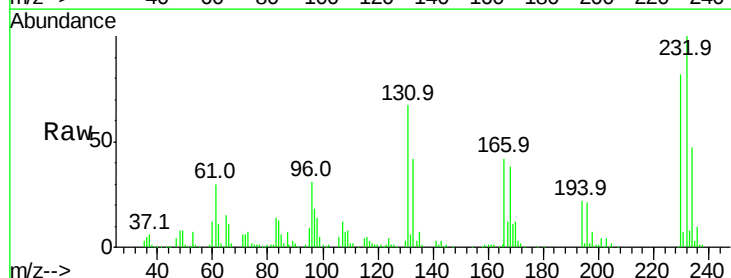
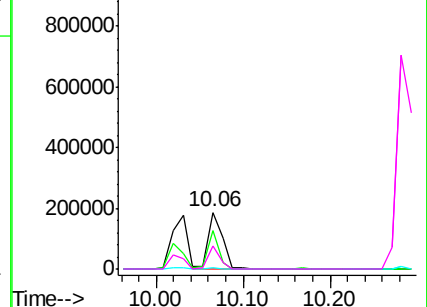
166 34.0 30.5 45.7

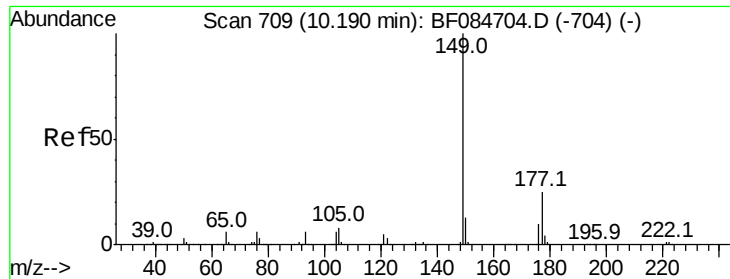
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





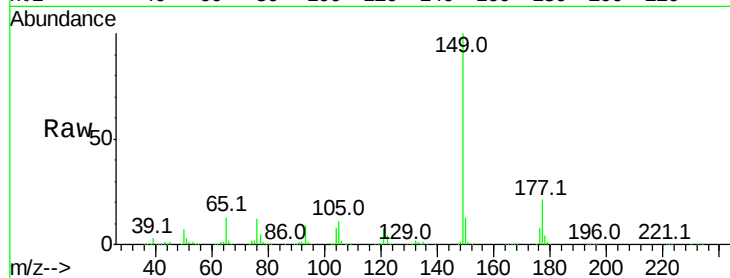
#59
Diethylphthalate
Concen: 39.88 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

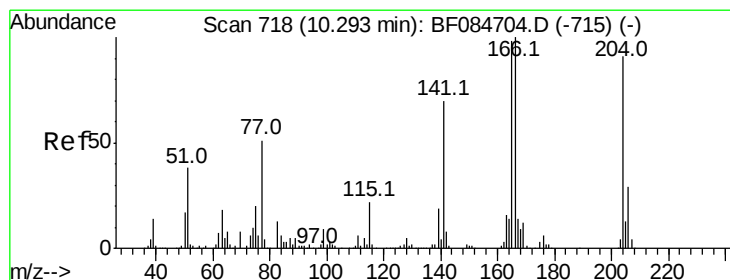
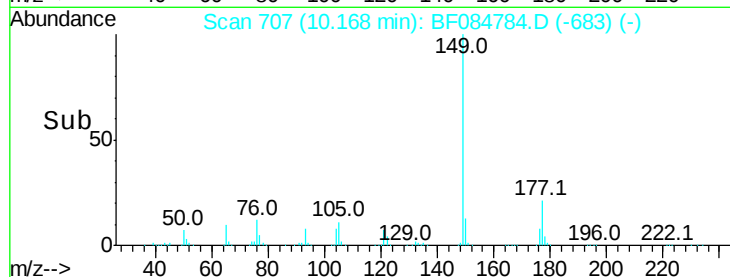
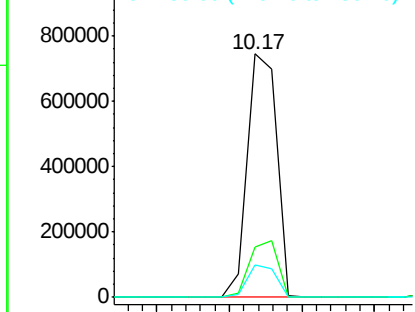
Tot Ion:149 Resp: 1043844
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.1 9.8 14.8

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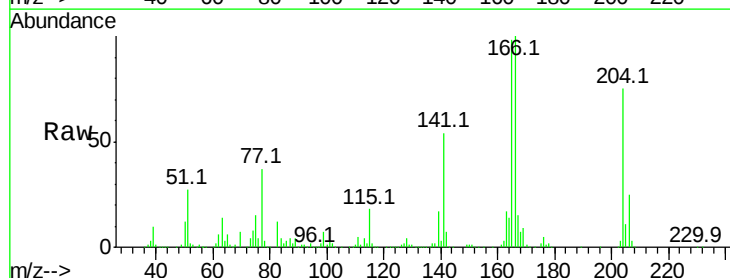


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

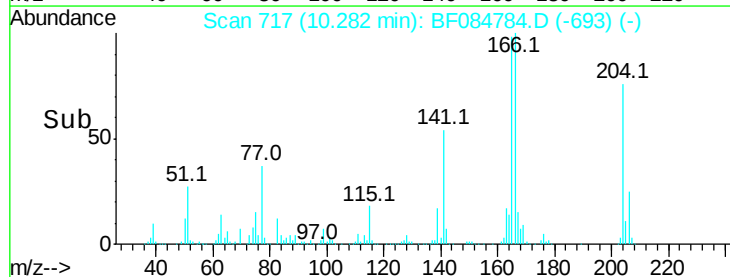
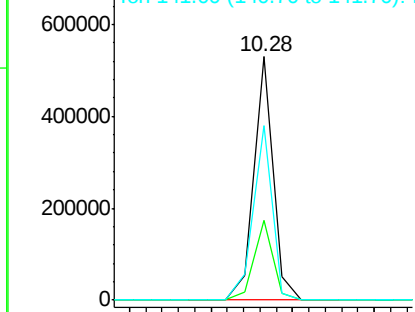


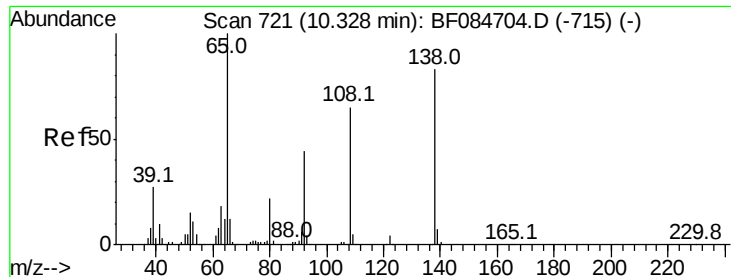
#60
4-Chlorophenyl-phenylether
Concen: 44.37 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion:204 Resp: 435774
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 71.7 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.89 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 242928

Ion Ratio Lower Upper

138 100

92 52.4 32.6 72.6

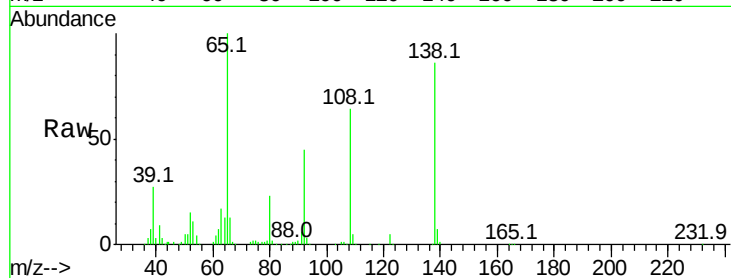
108 75.0 68.6 108.6

Manual Integrations

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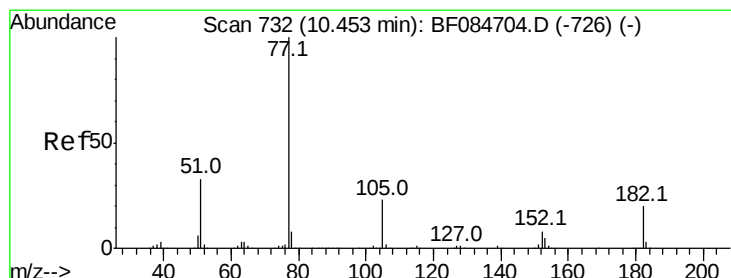
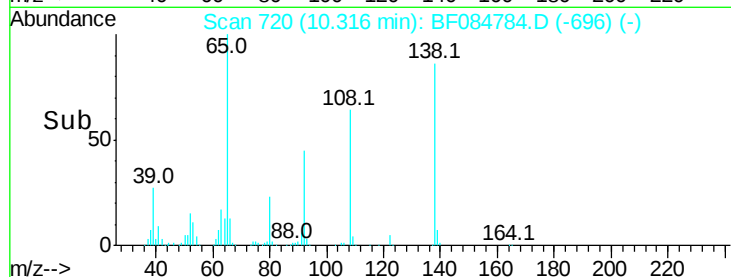
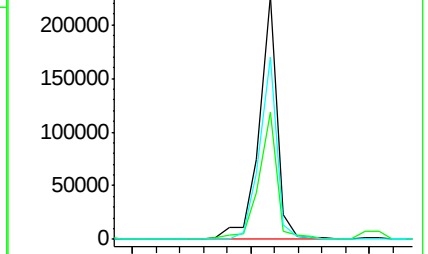
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.40 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion: 77 Resp: 1067112

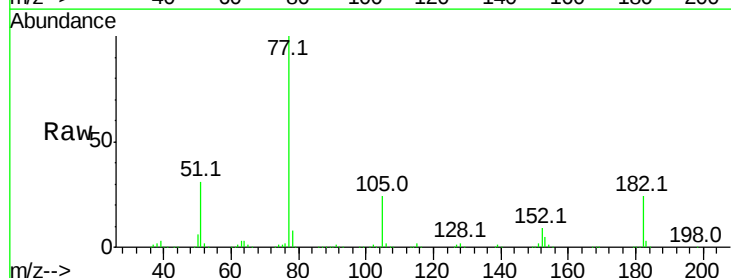
Ion Ratio Lower Upper

77 100

182 23.5 8.3 48.3

105 24.4 4.6 44.6

51 30.8 6.2 46.2

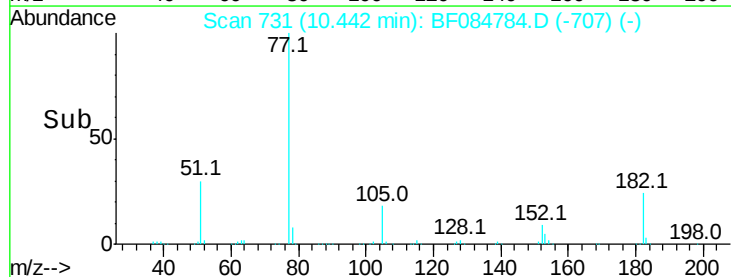
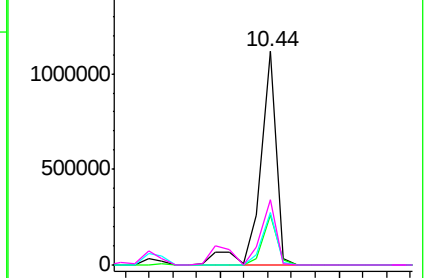


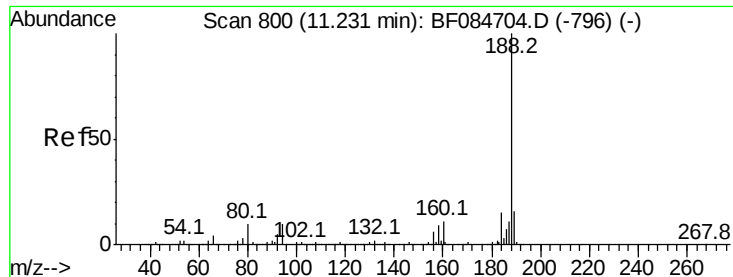
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

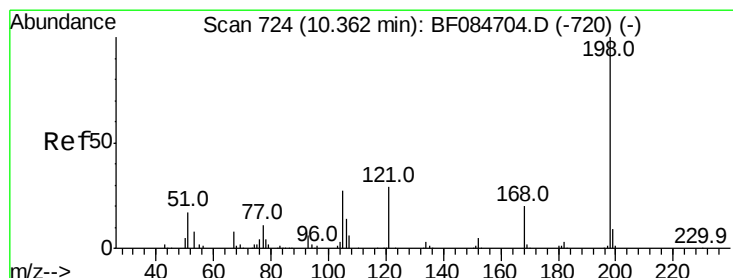
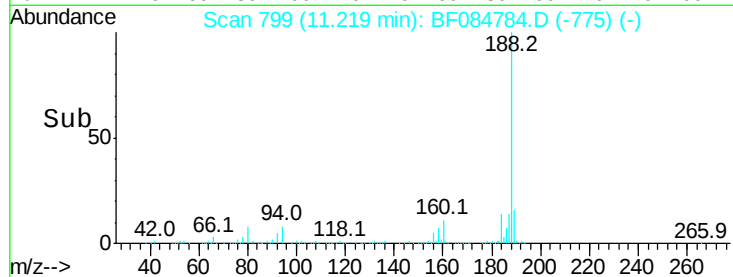
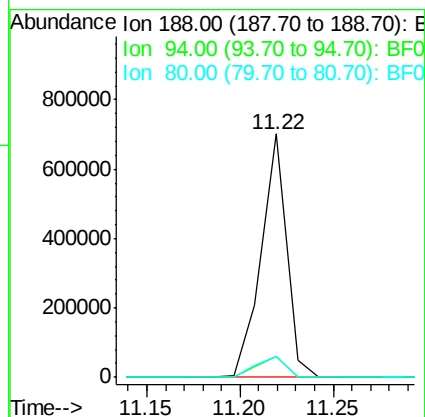
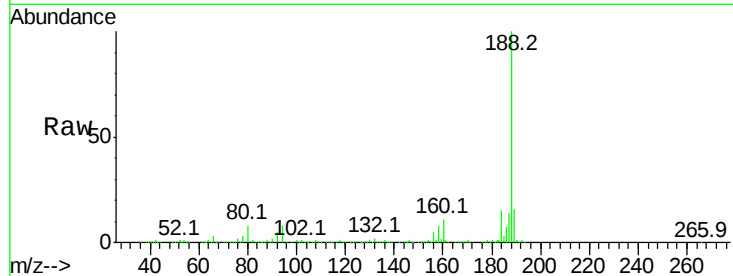
ClientSampleId :

SSTDCCC040EC

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

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.61 ng

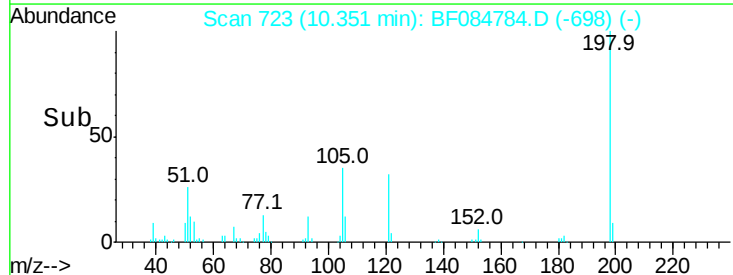
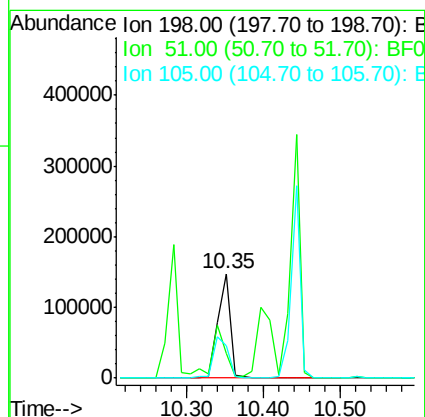
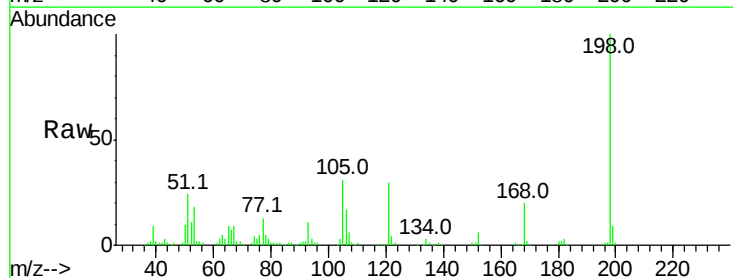
RT: 10.35 min Scan# 723

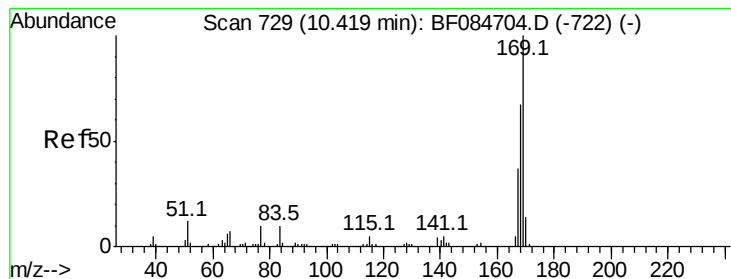
Delta R.T. -0.01 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	23.9	18.9	58.9	
105	31.5	26.4	66.4	





#65

n-Nitrosodiphenylamine

Concen: 41.87 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 876877

Ion Ratio Lower Upper

169 100

168 67.2 55.1 82.7

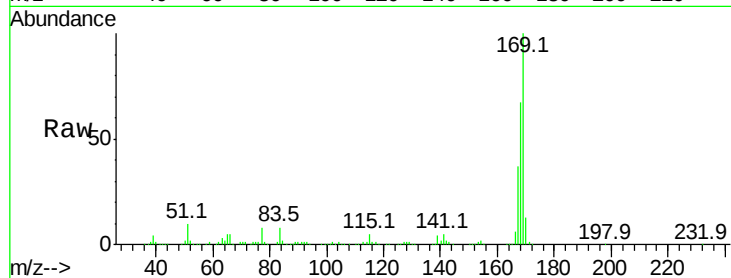
167 36.9 30.0 45.0

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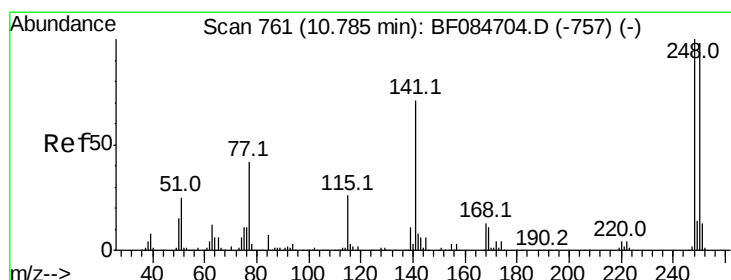
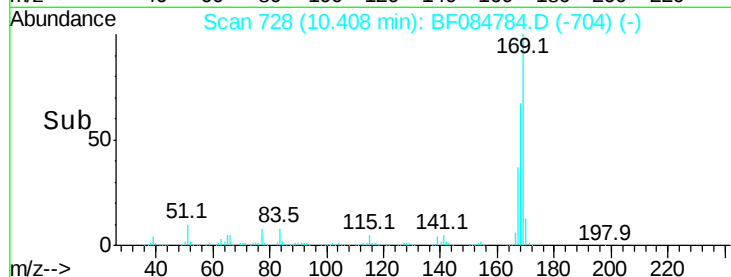
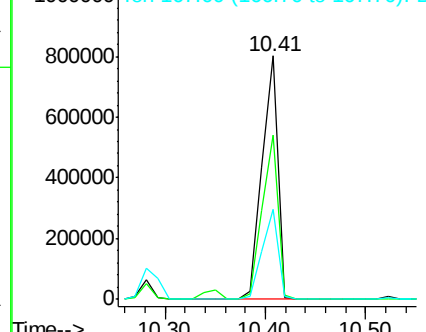
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.51 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

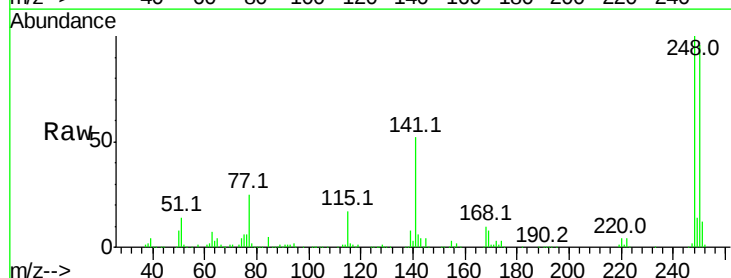
Tgt Ion:248 Resp: 309708

Ion Ratio Lower Upper

248 100

250 95.8 78.4 117.6

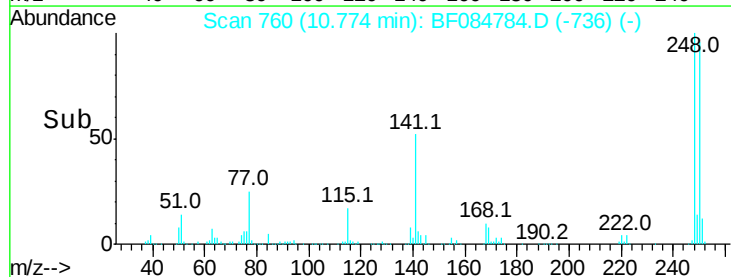
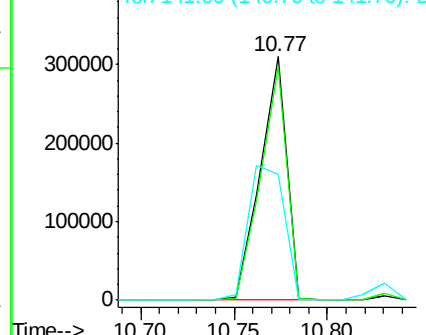
141 51.8 44.0 66.0

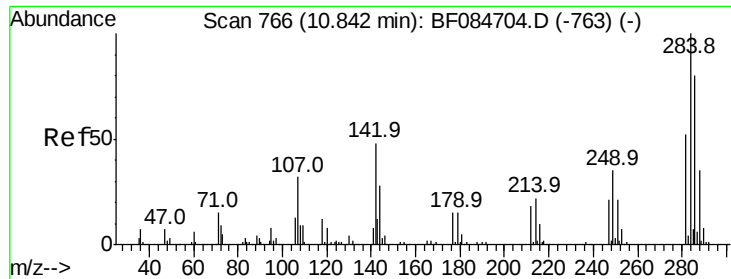


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





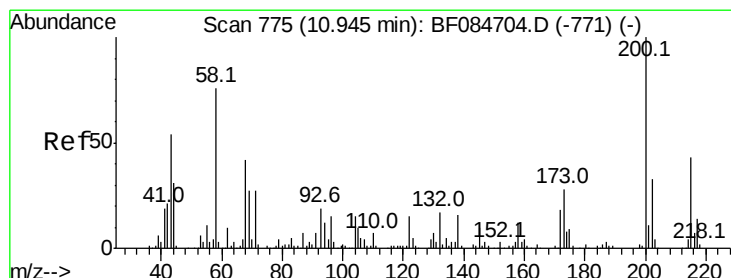
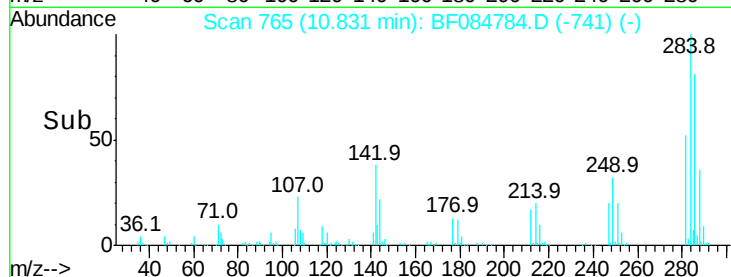
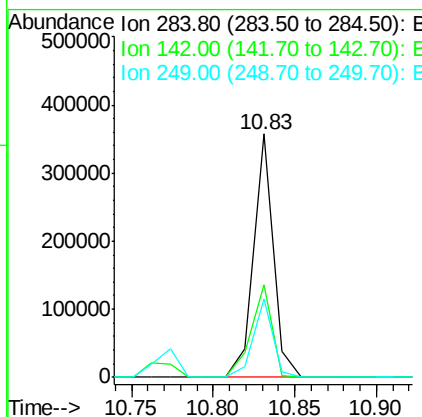
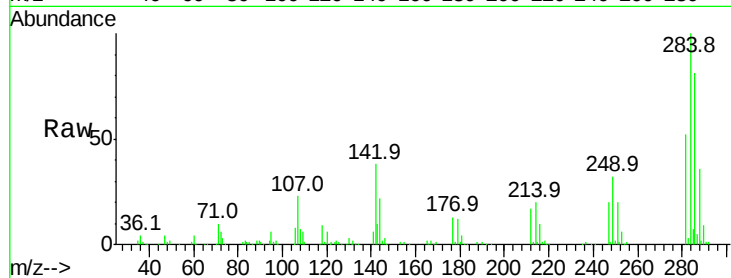
#67
Hexachlorobenzene
Concen: 37.84 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.9	22.2	33.4	
249	32.1	24.6	37.0	

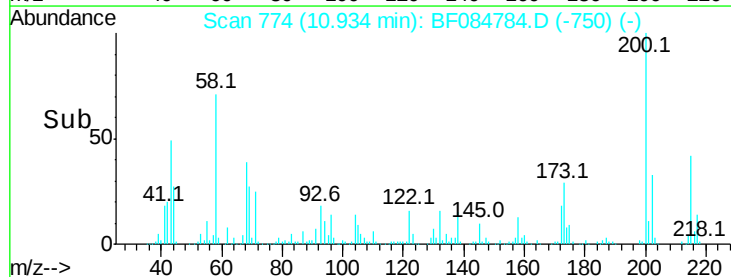
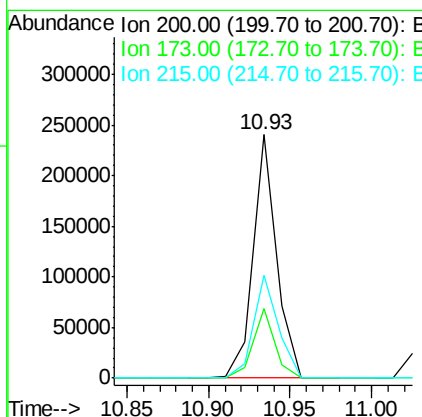
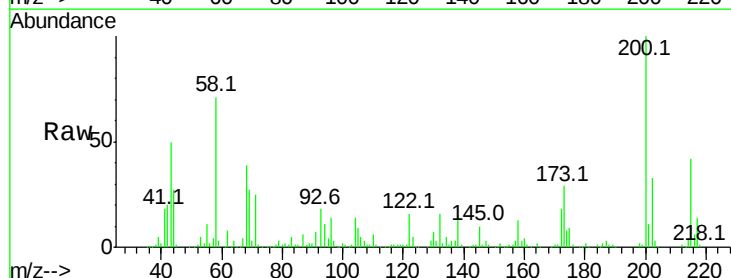
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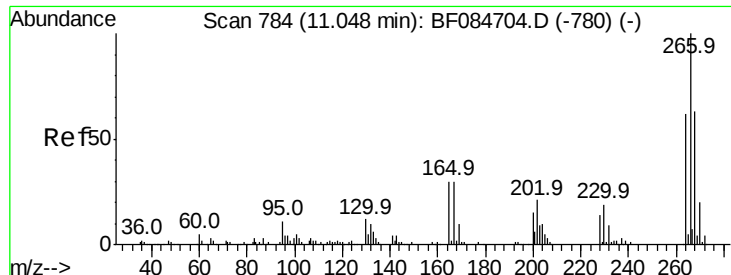
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#68
Atrazine
Concen: 36.26 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	9.5	49.5	
215	42.4	23.8	63.8	





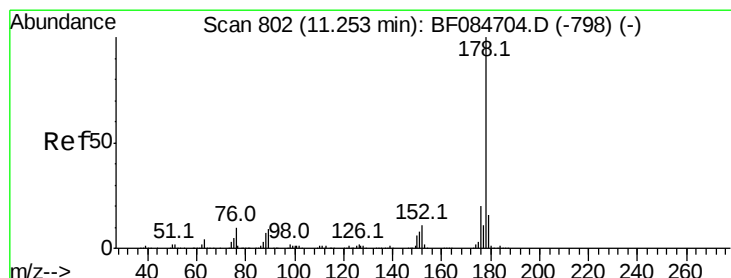
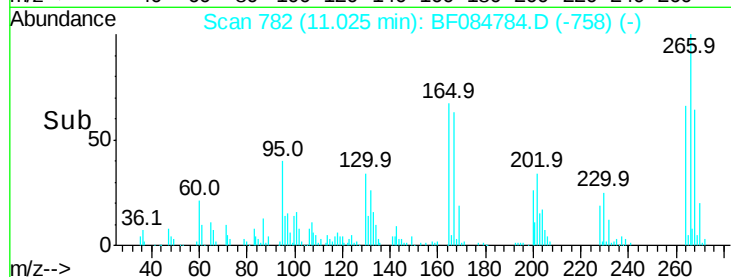
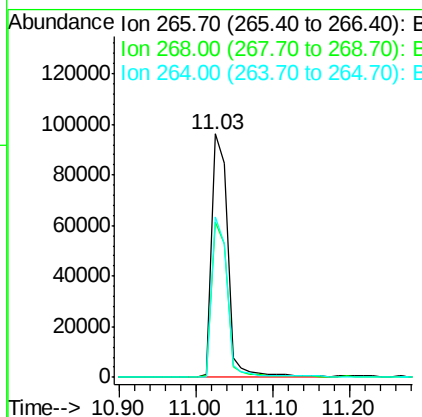
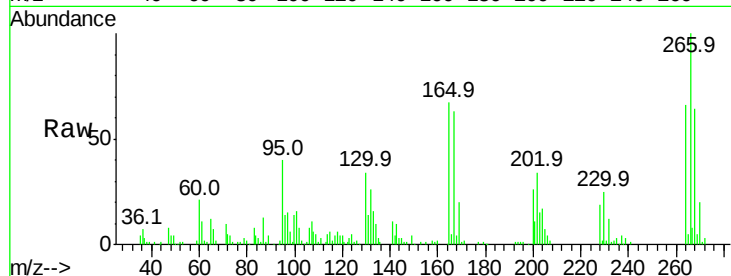
#69
 Pentachlorophenol
 Concen: 37.54 ng
 RT: 11.03 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	140052		
268	63.8		52.4	78.6
264	65.7		50.2	75.2

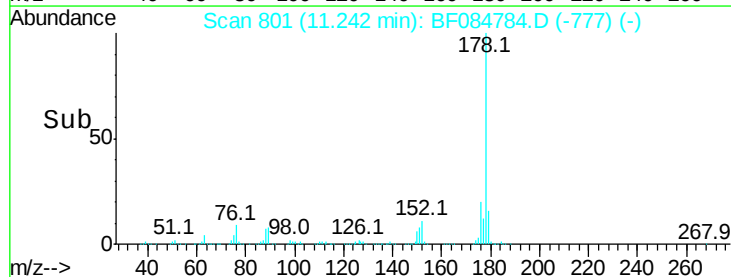
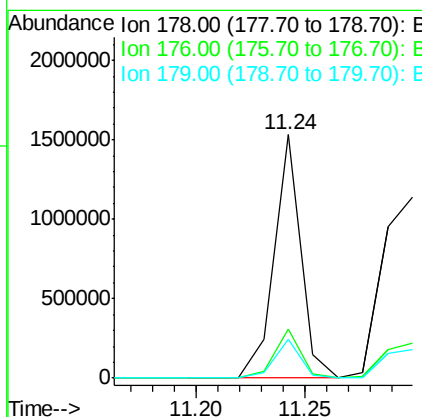
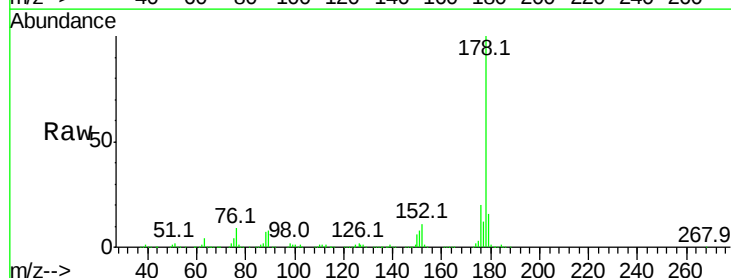
Manual Integrations
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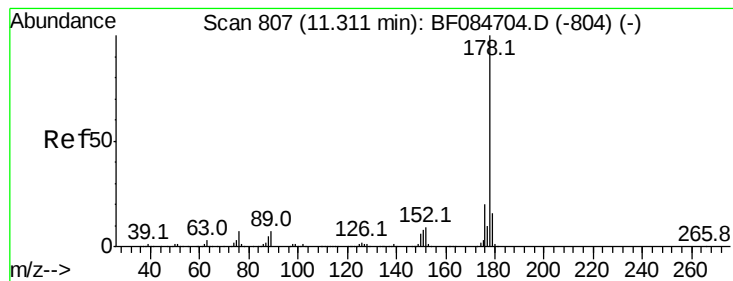
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#70
 Phenanthrene
 Concen: 36.23 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1325636		
176	20.4		15.3	22.9
179	16.0		12.0	18.0





#71

Anthracene

Concen: 39.83 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1468362

Ion Ratio Lower Upper

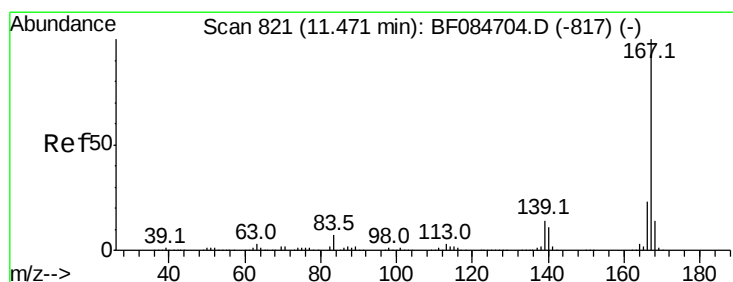
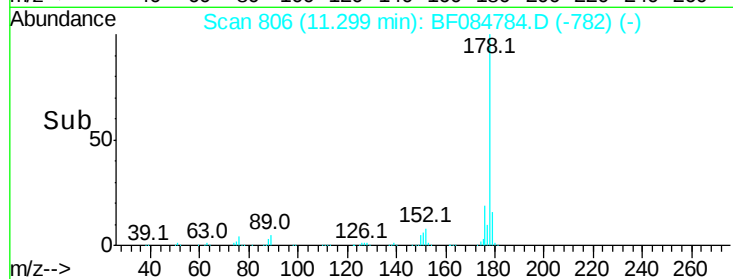
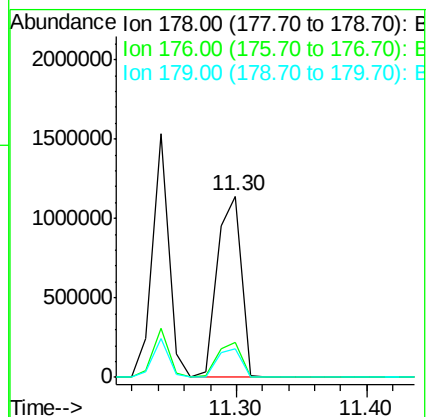
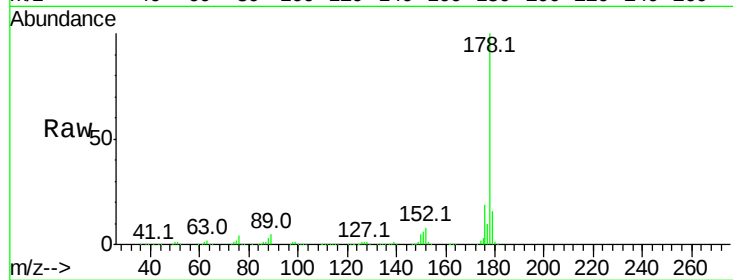
178 100

176 19.2 15.4 23.0

179 15.7 12.5 18.7

Manual Integrations
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2/3/2016 6:25:52 PM



#72

Carbazole

Concen: 40.09 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

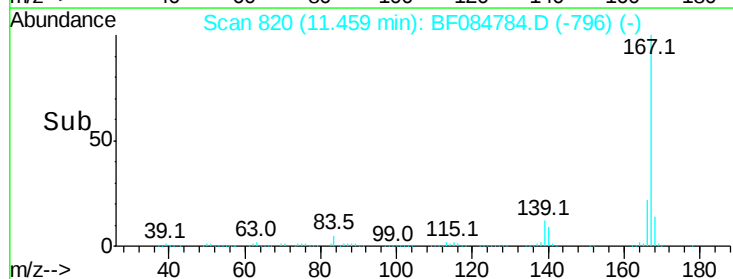
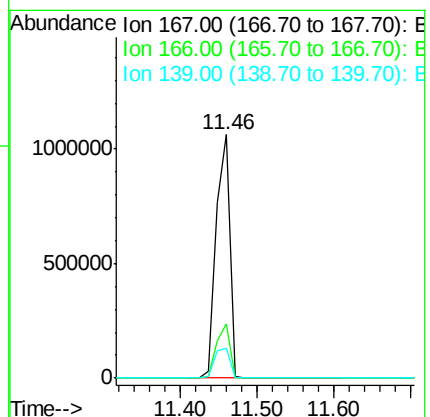
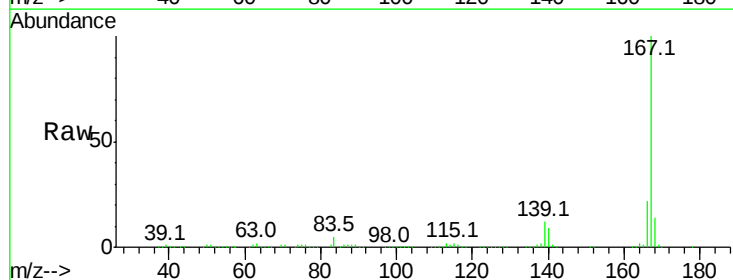
Tgt Ion:167 Resp: 1288843

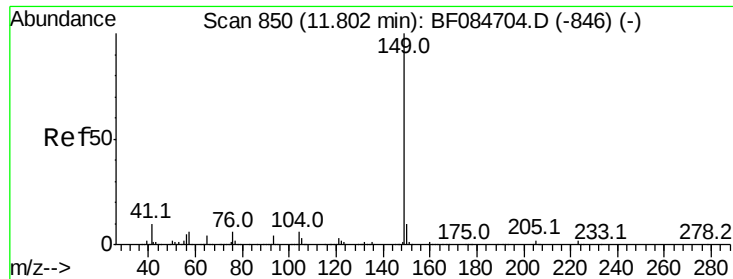
Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 12.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 36.97 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1512982

Ion Ratio Lower Upper

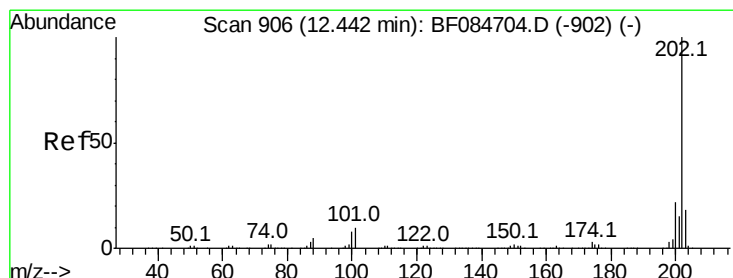
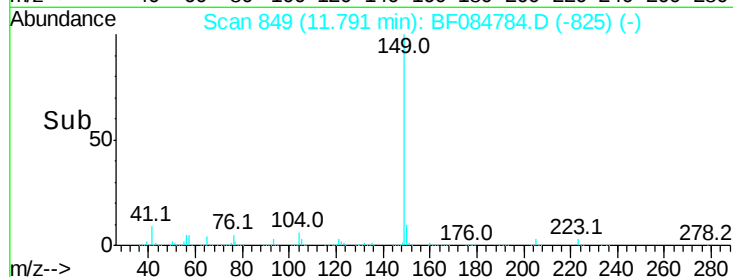
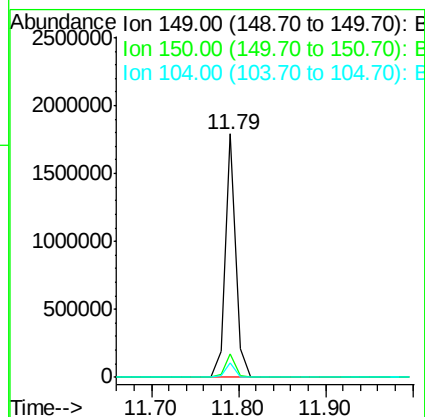
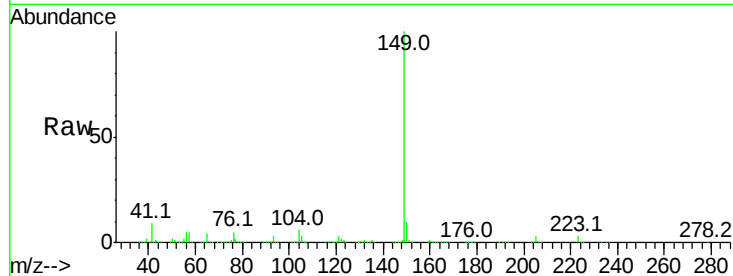
149 100

150 9.8 7.1 10.7

104 5.7 3.2 4.8#

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#74

Fluoranthene

Concen: 38.73 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

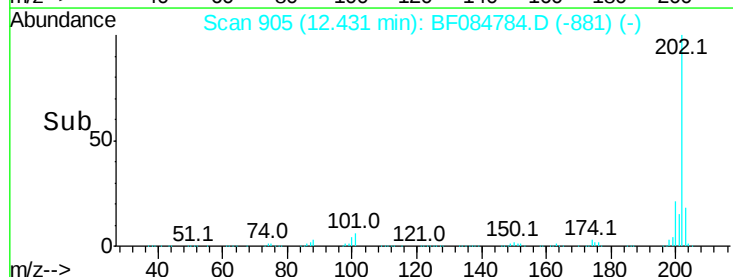
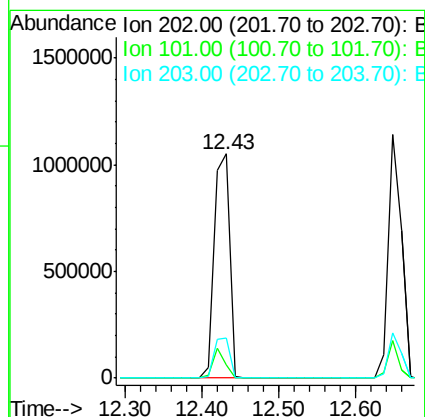
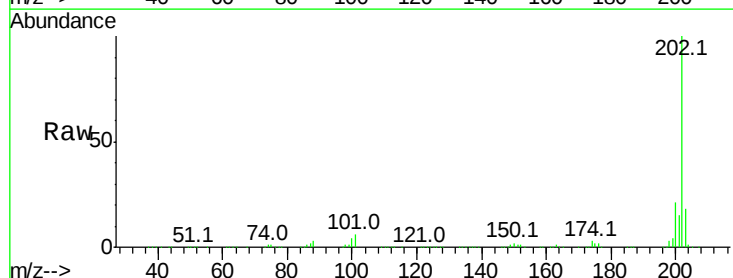
Tgt Ion:202 Resp: 1434295

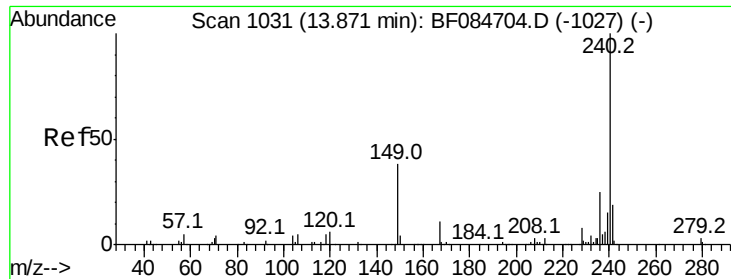
Ion Ratio Lower Upper

202 100

101 5.9 0.0 32.8

203 17.7 0.0 37.9





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

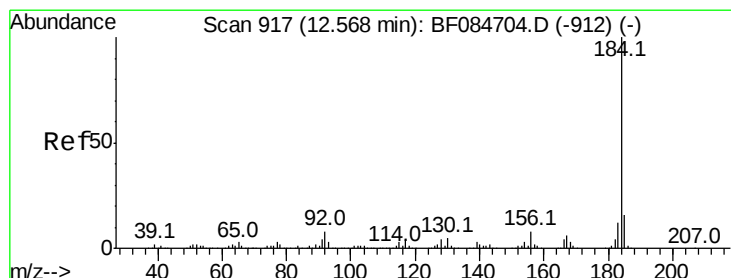
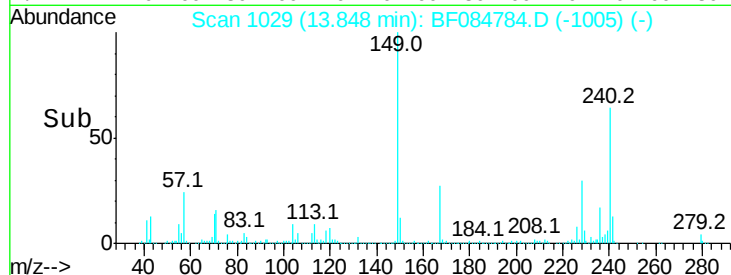
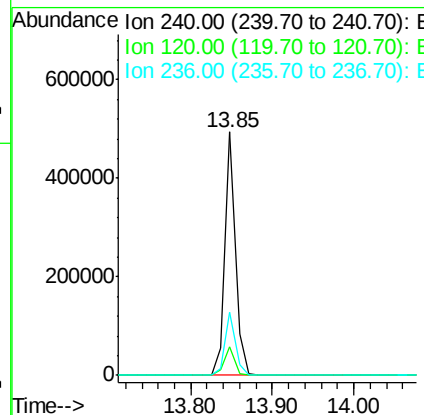
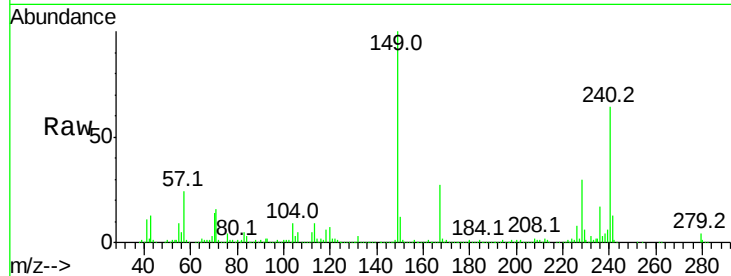
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	442037
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	26.0	20.6	31.0

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#76

Benzidine

Concen: 22.96 ng

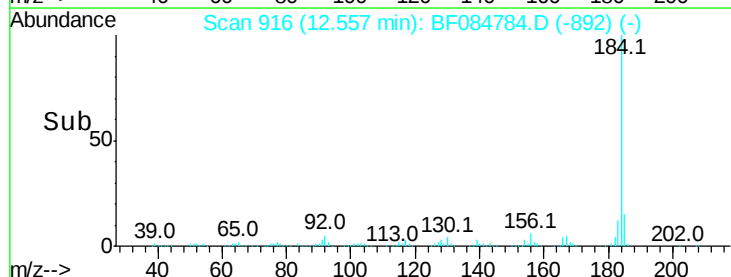
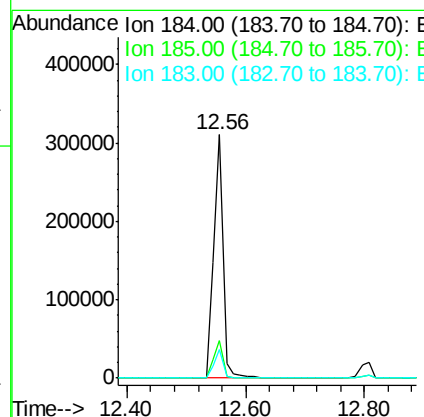
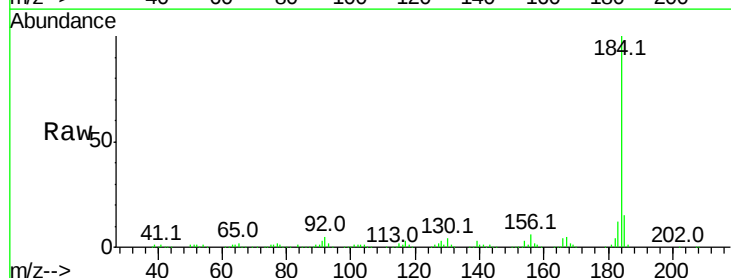
RT: 12.56 min Scan# 916

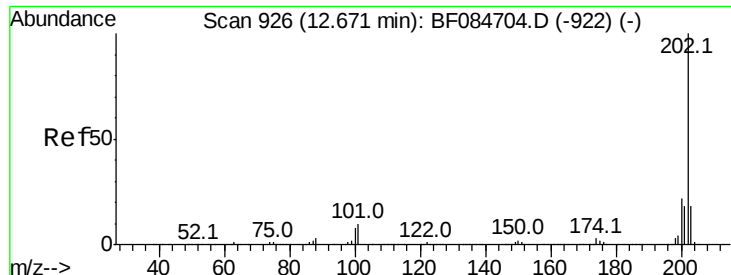
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion:	184	Resp:	342001
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	11.6	9.8	14.8





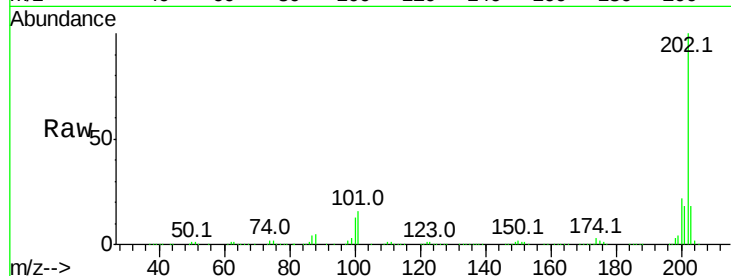
#77
Pvrene
Concen: 39.82 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

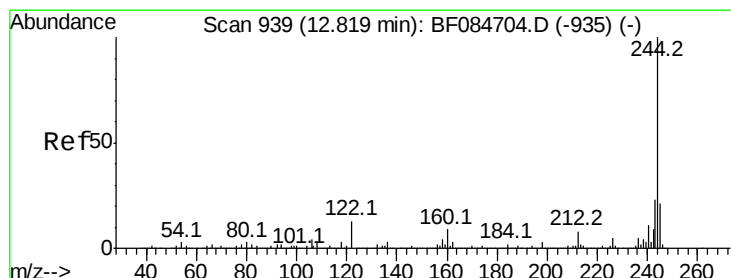
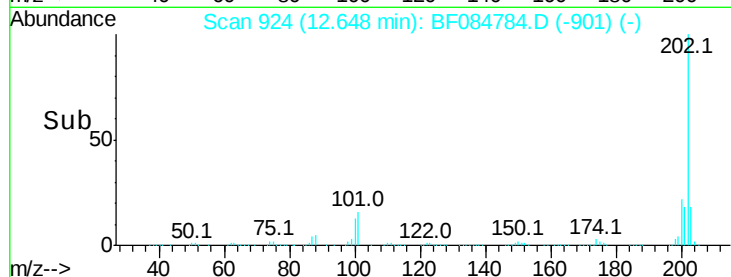
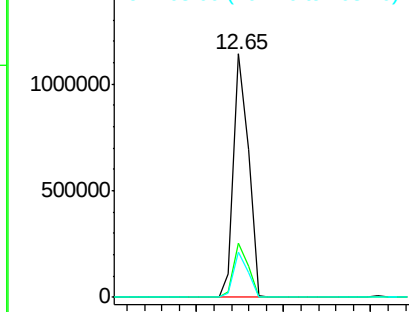
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.4	14.3	21.5

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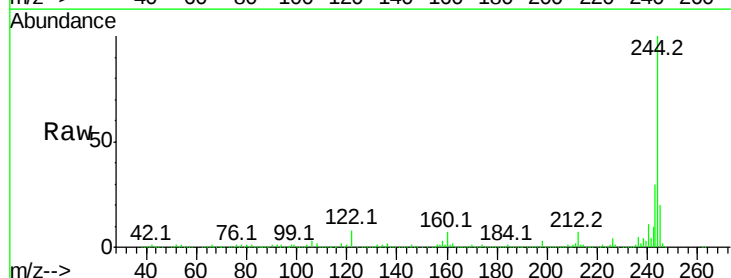


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

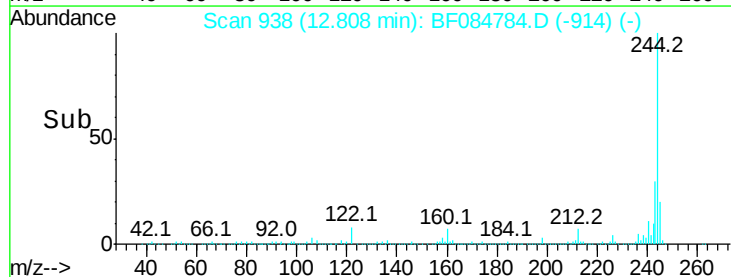
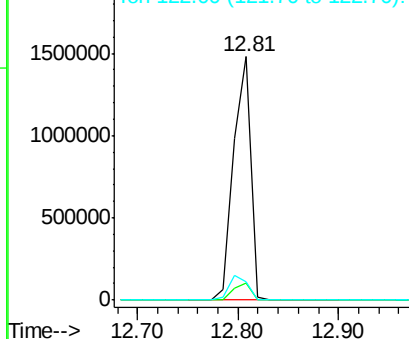


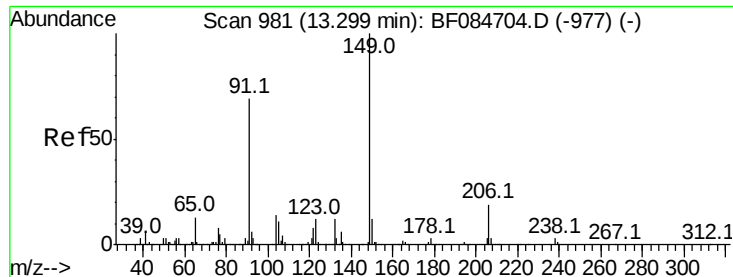
#78
Terphenyl-d14
Concen: 89.80 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.8	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





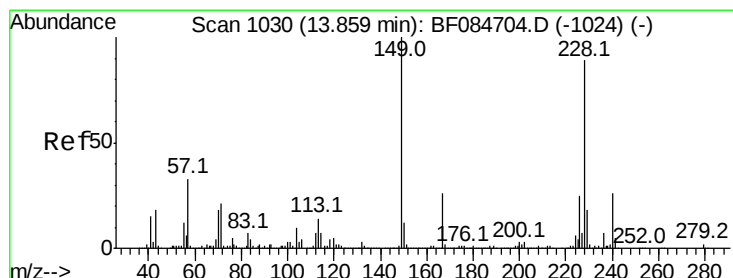
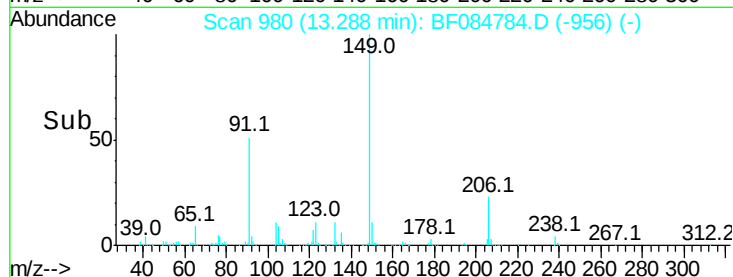
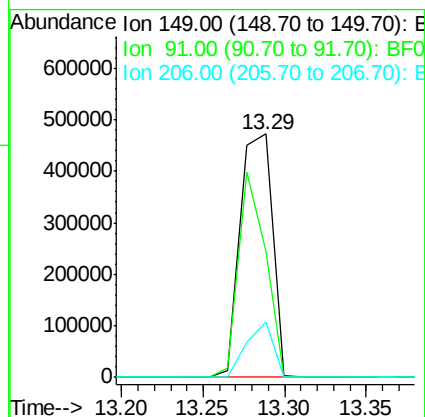
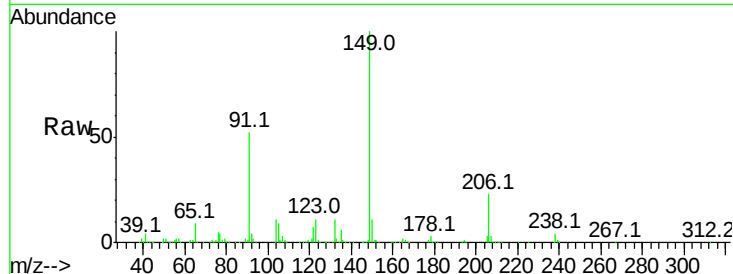
#79
Butylbenzylphthalate
Concen: 42.03 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	51.7	57.6	86.4#
206	23.0	13.2	19.8#

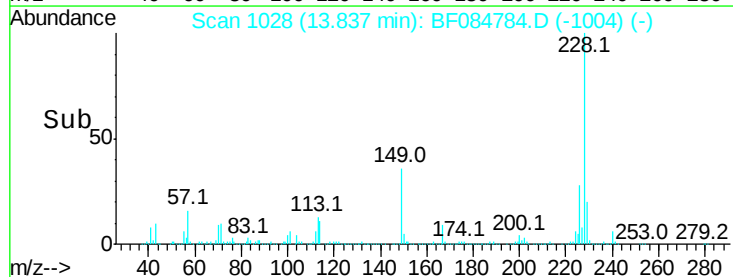
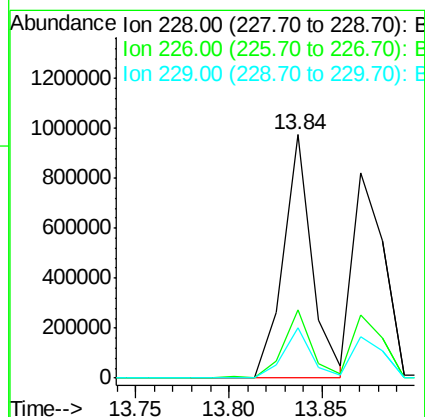
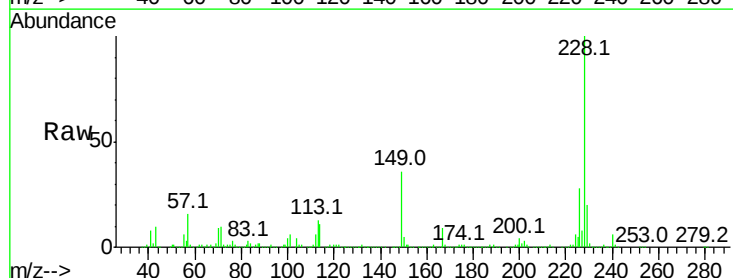
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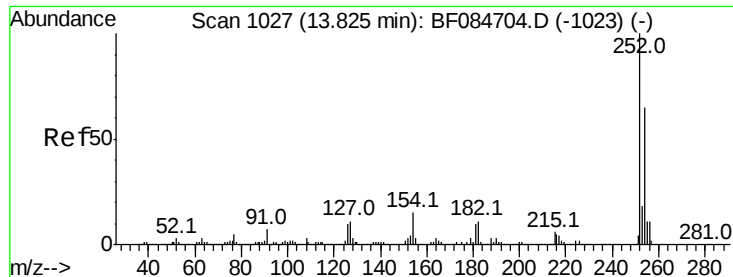
MMDadoda
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#80
Benzo(a)anthracene
Concen: 38.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	20.4	15.8	23.8





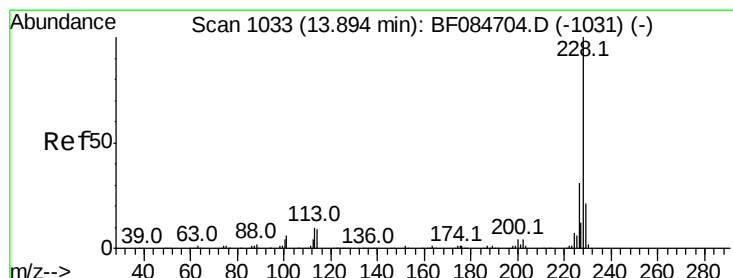
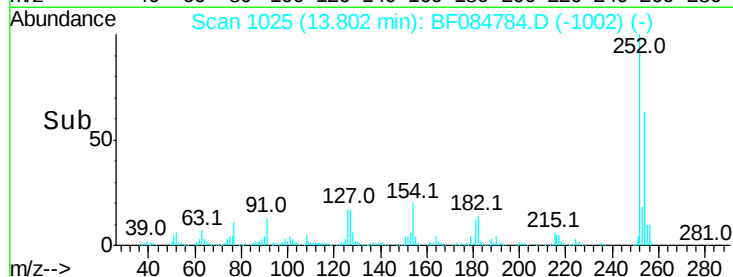
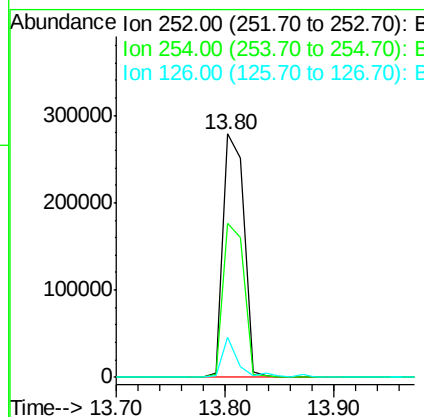
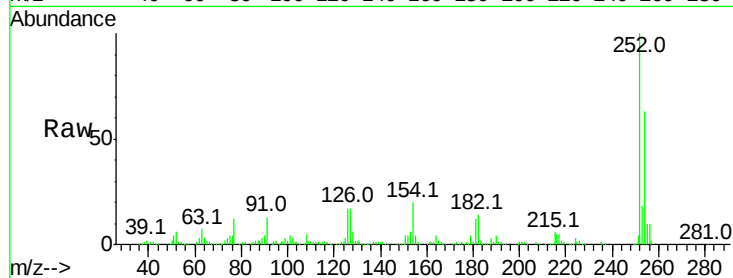
#81
 3,3'-Dichlorobenzidine
 Concen: 38.70 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	53.5	80.3
126	16.6	4.9	7.3

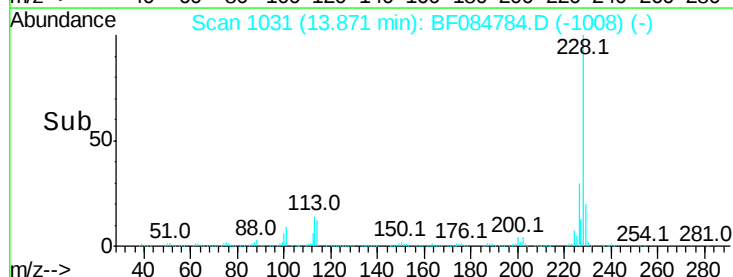
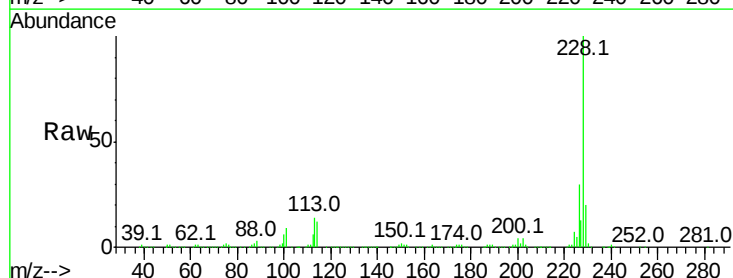
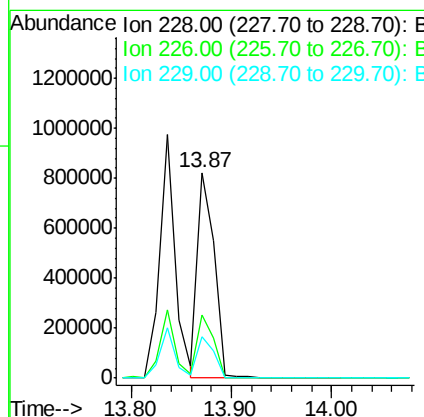
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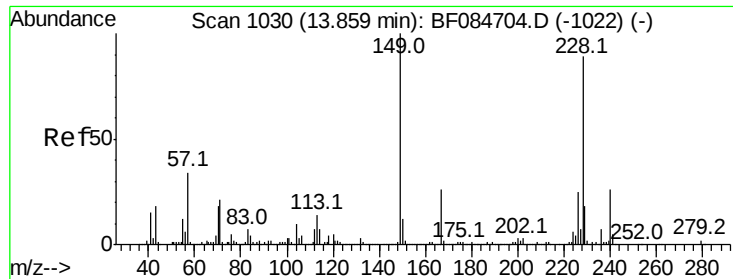
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#82
 Chrysene
 Concen: 36.20 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.2	16.1	24.1





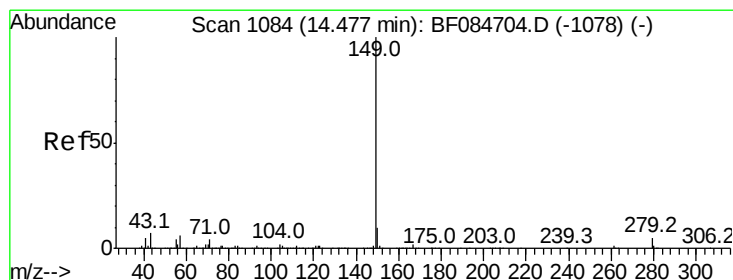
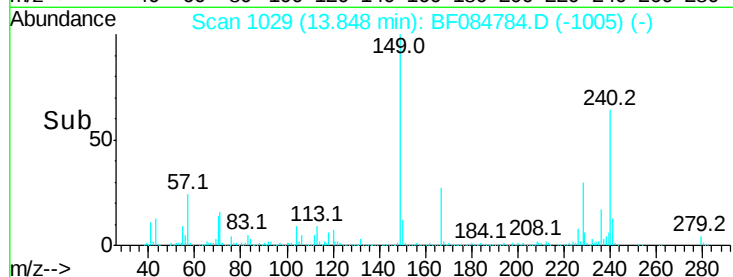
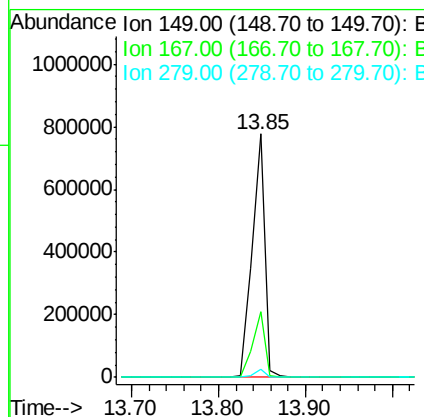
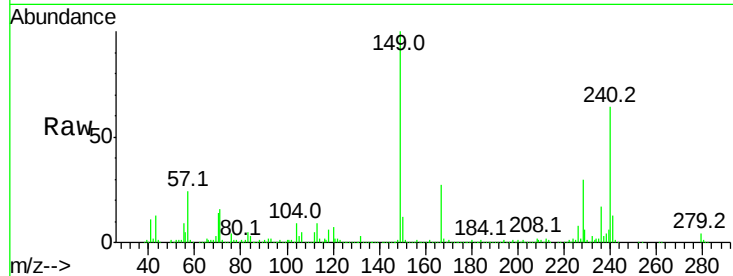
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.68 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	796322		
167	27.0	19.7	29.5	
279	3.5	1.8	2.6#	

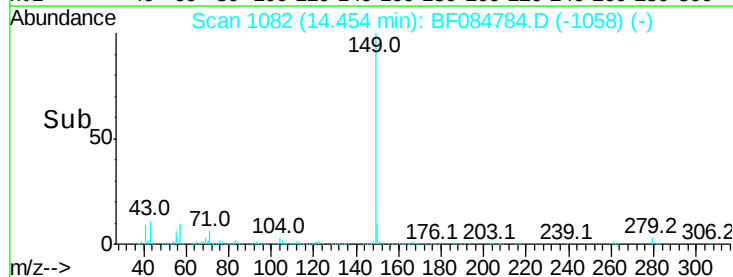
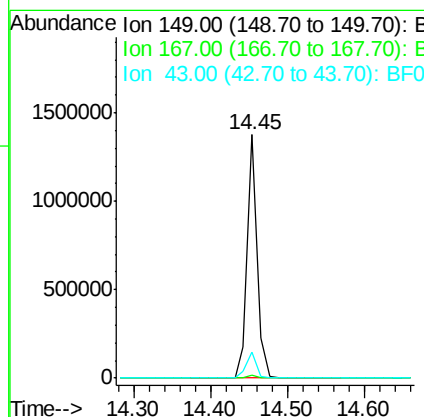
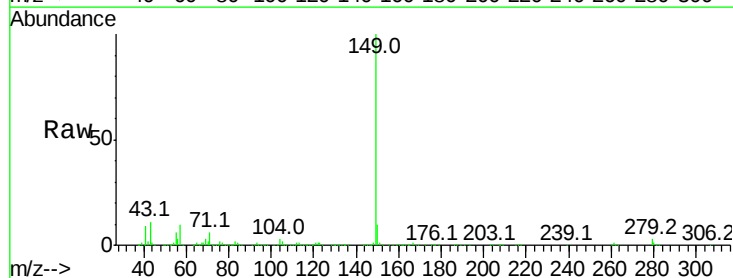
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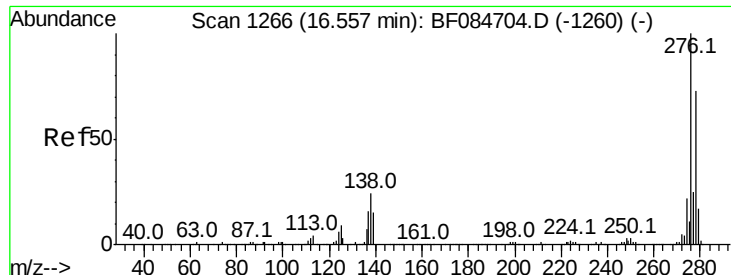
MMDadoda
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#84
 Di-n-octyl phthalate
 Concen: 39.19 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1235398		
167	1.5	1.2	1.8	
43	11.4	5.6	8.4#	





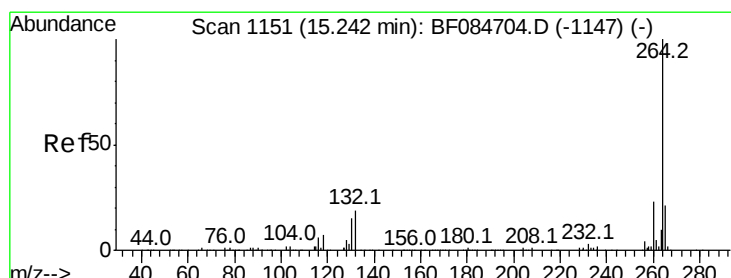
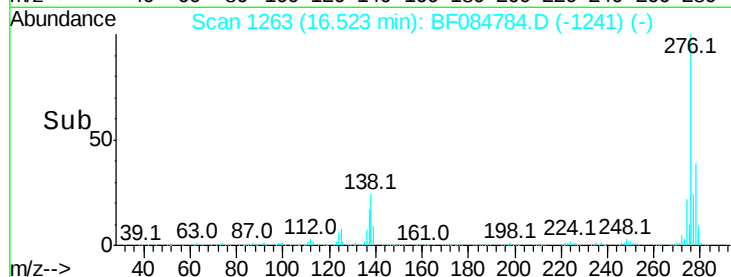
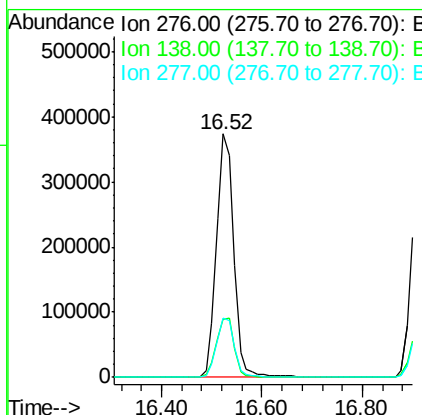
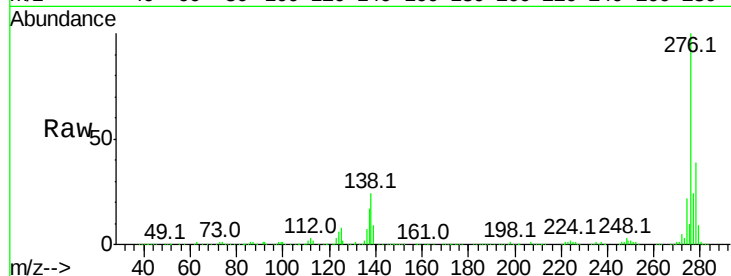
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.96 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.1	20.1	30.1

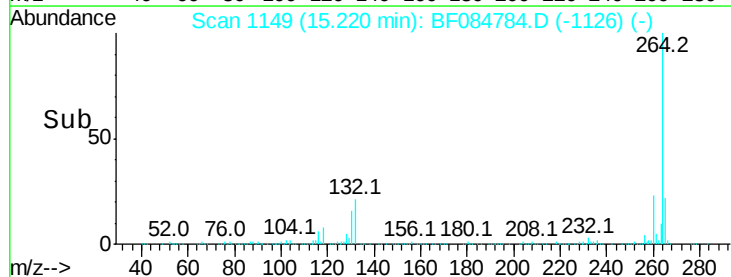
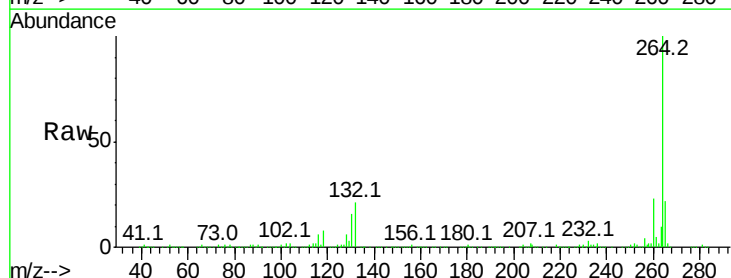
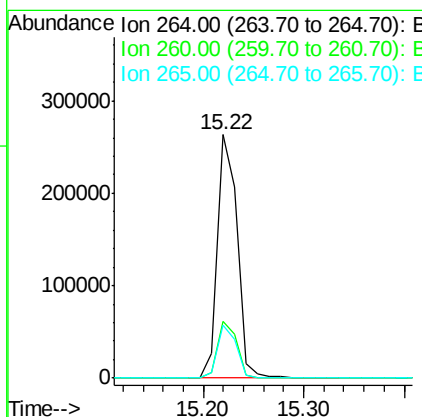
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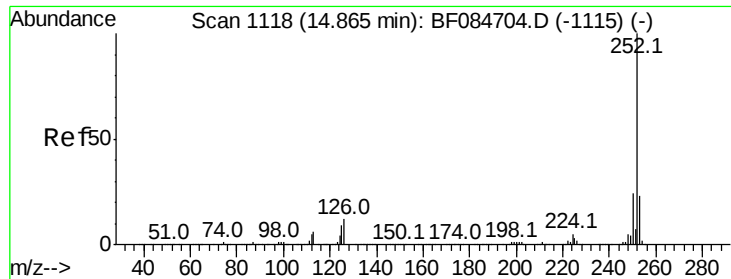
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 33.95 ng m

RT: 14.84 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Instrument :

BNA_F

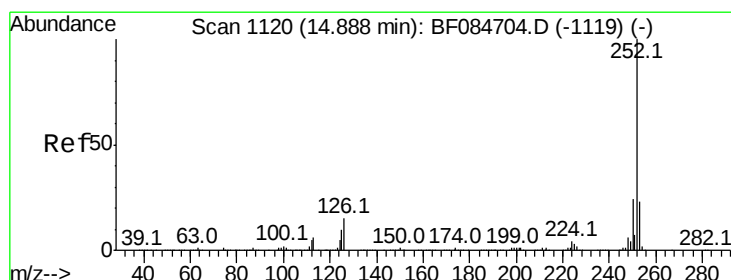
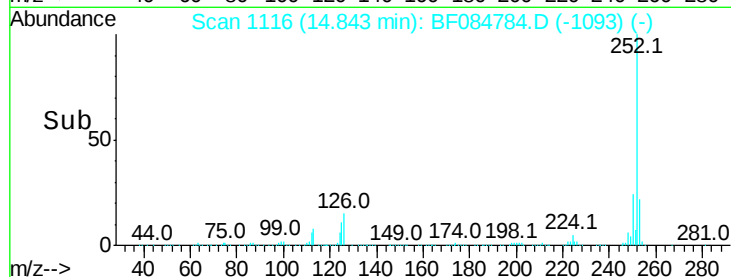
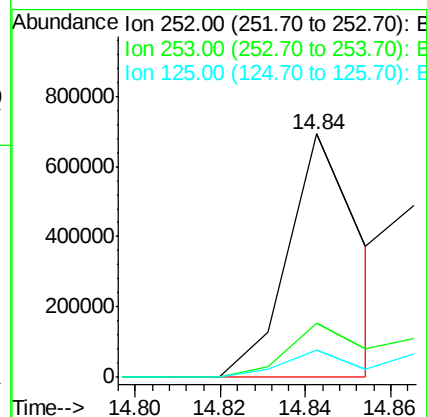
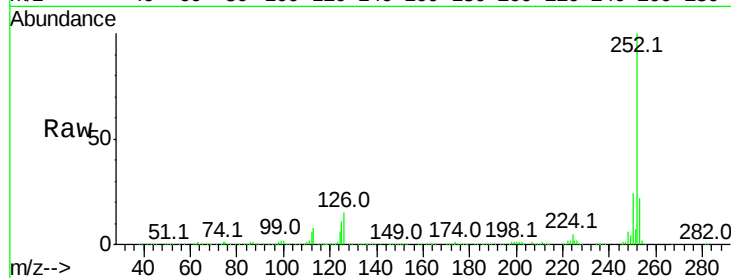
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	11.2	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.17 ng m

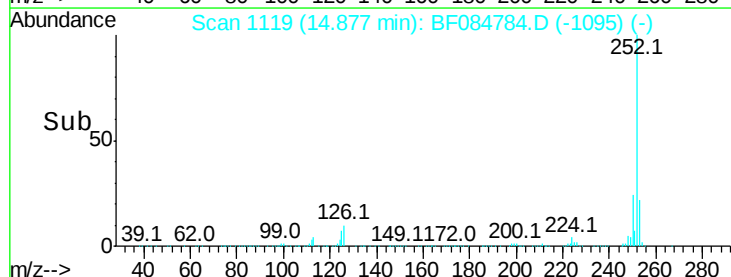
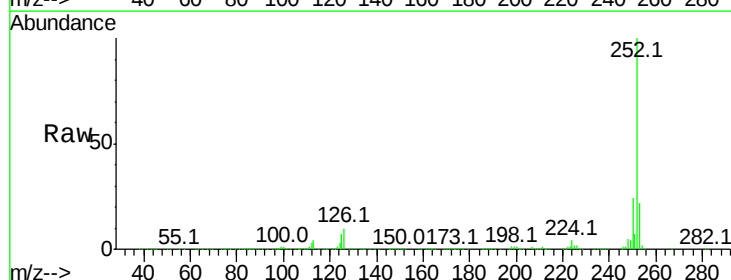
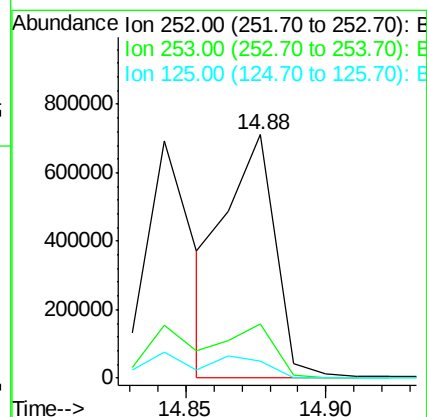
RT: 14.88 min Scan# 1119

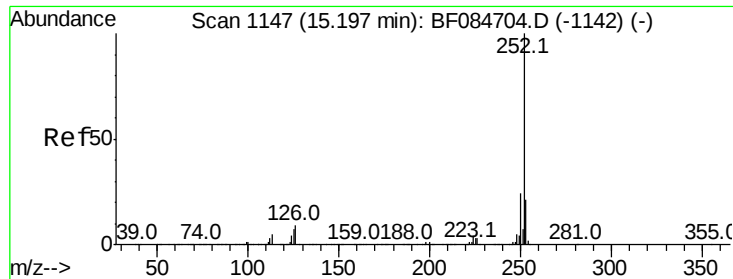
Delta R.T. -0.02 min

Lab File: BF084784.D

Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.7	9.0	13.6#





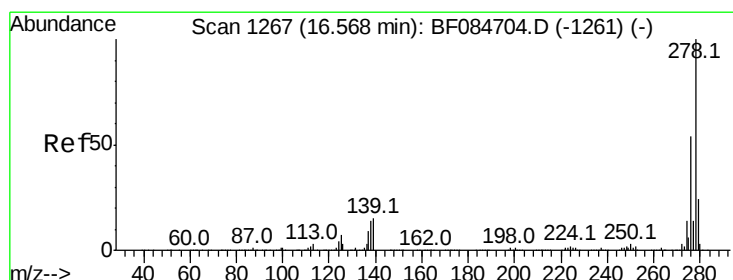
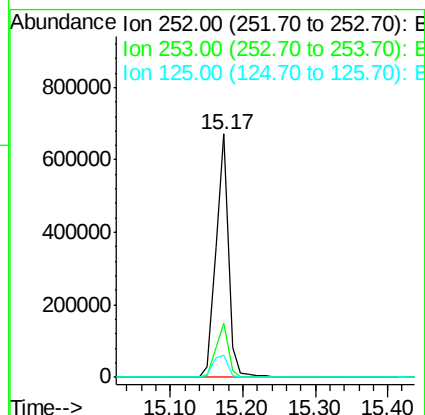
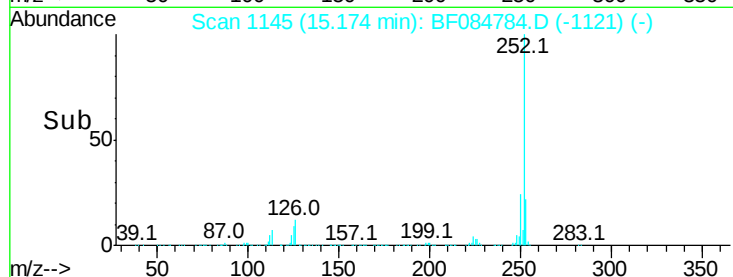
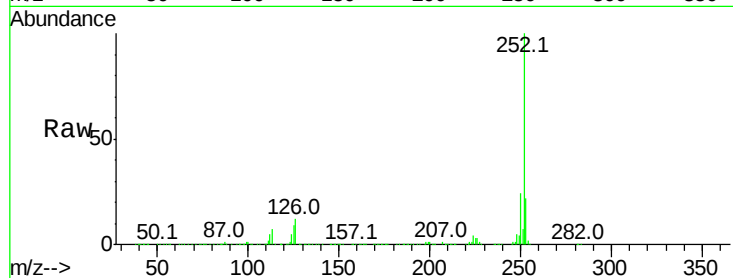
#89
Benzo(a)pyrene
Concen: 39.06 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.3	7.0	10.4

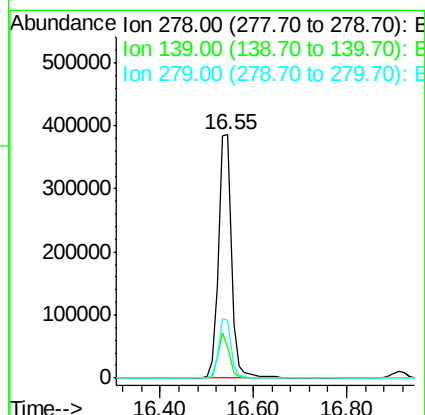
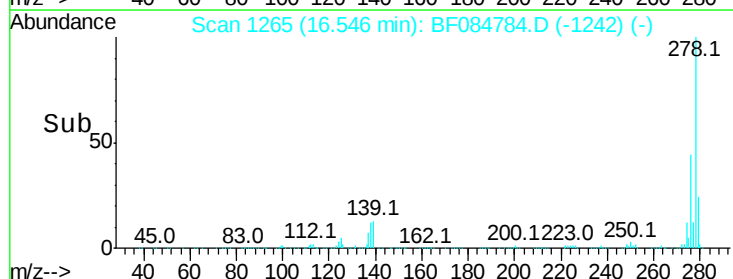
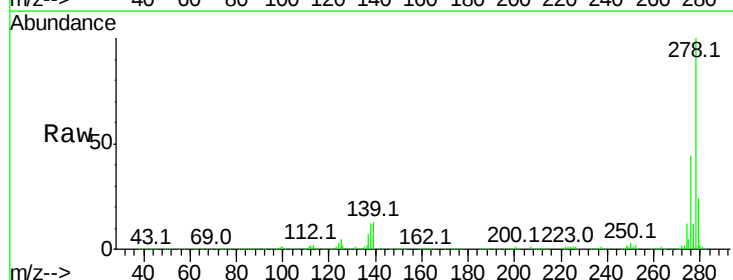
Manual Integrations
APPROVED

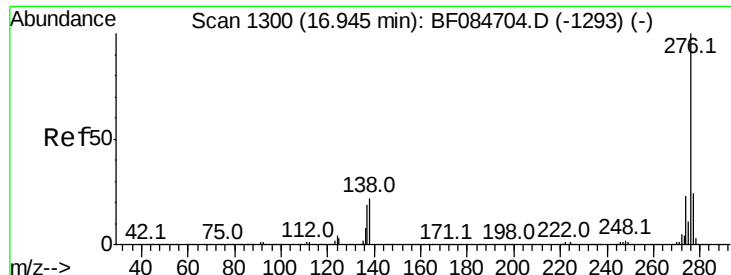
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2/3/2016 6:25:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.27 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF084784.D
Acq: 3 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.0	22.4#
279	23.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 43.37 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.05 min
 Lab File: BF084784.D
 Acq: 3 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.4	18.8	28.2	
138	22.9	17.8	26.6	

Manual Integrations
 APPROVED

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