

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085153.D
 Acq On : 3 Mar 2016 6:58
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 3/3/2016 1:43:12 PM

Quant Time: Mar 03 07:26:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164213	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	653815	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	301925	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	487651	20.00	ng	0.00
75) Chrysene-d12	14.15	240	348181	20.00	ng	0.00
86) Perylene-d12	15.63	264	397665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	789185	78.02	ng	0.00
7) Phenol-d6	6.61	99	1060509	79.98	ng	0.00
23) Nitrobenzene-d5	7.56	82	967855	78.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	252849	83.33	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1447538	70.61	ng	0.00
78) Terphenyl-d14	13.10	244	1233726	83.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	195207	38.94	ng	97
3) Pyridine	3.46	79	496325	38.58	ng	99
4) n-Nitrosodimethylamine	3.41	42	217878	37.22	ng	93
6) Aniline	6.65	93	720639	38.30	ng	99
8) 2-Chlorophenol	6.78	128	474068	40.66	ng	87
9) Benzaldehyde	6.54	77	268905	42.23	ng	94
10) Phenol	6.63	94	580726m	39.14	ng	
11) bis(2-Chloroethyl)ether	6.72	93	422127	35.89	ng	94
12) 1,3-Dichlorobenzene	6.93	146	496556m	39.65	ng	
13) 1,4-Dichlorobenzene	7.01	146	496264	38.88	ng	97
14) 1,2-Dichlorobenzene	7.17	146	493846	43.95	ng	94
15) Benzyl Alcohol	7.13	79	392361	40.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	675314	38.96	ng	99
17) 2-Methylphenol	7.24	107	368660	37.74	ng	98
18) Hexachloroethane	7.51	117	193749	41.07	ng	# 88
19) n-Nitroso-di-n-propylamine	7.41	70	349276	39.97	ng	98
20) 3+4-Methylphenols	7.40	107	503862	43.16	ng	# 76
22) Acetophenone	7.40	105	643209	39.11	ng	# 90
24) Nitrobenzene	7.58	77	509423	39.96	ng	# 80
25) Isophorone	7.82	82	904628	38.48	ng	# 91
26) 2-Nitrophenol	7.89	139	217437	38.15	ng	# 75
27) 2,4-Dimethylphenol	7.92	122	420018	38.01	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	570531	44.01	ng	98
29) 2,4-Dichlorophenol	8.13	162	366352	40.30	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	430583	43.45	ng	98
31) Naphthalene	8.30	128	1293716	39.13	ng	99
32) Benzoic acid	8.01	122	199562	35.51	ng	98
33) 4-Chloroaniline	8.34	127	558679	42.74	ng	94
34) Hexachlorobutadiene	8.41	225	238530	41.50	ng	98
35) Caprolactam	8.71	113	99208	34.77	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	380232	37.83	ng	96
37) 2-Methylnaphthalene	8.98	142	790578	39.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	395442	42.53	ng	100
40) Hexachlorocyclopentadiene	9.14	237	182081	34.39	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	249825	39.91	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	262048	43.68	ng #	90
45) 1,1'-Biphenyl	9.45	154	1054450	39.34	ng	97
46) 2-Chloronaphthalene	9.48	162	741648	37.94	ng	96
47) 2-Nitroaniline	9.57	65	215942	35.19	ng #	75
48) Acenaphthylene	9.90	152	1266230	43.59	ng	97
49) Dimethylphthalate	9.75	163	898596	40.14	ng	100
50) 2,6-Dinitrotoluene	9.81	165	180168	38.81	ng	90
51) Acenaphthene	10.07	154	789959	43.31	ng	99
52) 3-Nitroaniline	9.98	138	208941	37.89	ng	93
53) 2,4-Dinitrophenol	10.08	184	34734	29.46	ng #	1
54) Dibenzofuran	10.24	168	987868	41.72	ng	90
55) 4-Nitrophenol	10.13	139	157891	37.31	ng #	79
56) 2,4-Dinitrotoluene	10.21	165	221464	35.41	ng	90
57) Fluorene	10.58	166	800562	42.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	183740	40.43	ng	93
59) Diethylphthalate	10.45	149	839820	39.14	ng	97
60) 4-Chlorophenyl-phenylether	10.57	204	426625	44.45	ng #	86
61) 4-Nitroaniline	10.58	138	171288	33.14	ng	87
62) Azobenzene	10.73	77	903033	41.66	ng	89
64) 4,6-Dinitro-2-methylphenol	10.62	198	83824	31.51	ng	91
65) n-Nitrosodiphenylamine	10.69	169	674291	43.87	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	253266	49.46	ng #	82
67) Hexachlorobenzene	11.13	284	261038	45.16	ng #	81
68) Atrazine	11.21	200	228352	48.70	ng	96
69) Pentachlorophenol	11.32	266	132949	39.20	ng	98
70) Phenanthrene	11.54	178	1123228	46.30	ng	98
71) Anthracene	11.59	178	1046684	38.42	ng	99
72) Carbazole	11.74	167	875928	36.95	ng	98
73) Di-n-butylphthalate	12.07	149	1108358	39.28	ng #	98
74) Fluoranthene	12.72	202	956410	35.93	ng	96
76) Benzidine	12.85	184	398643	37.87	ng	98
77) Pyrene	12.96	202	984093	41.40	ng	95
79) Butylbenzylphthalate	13.57	149	377113	37.47	ng #	73
80) Benzo(a)anthracene	14.14	228	786117	38.89	ng	100
81) 3,3'-Dichlorobenzidine	14.11	252	311561	49.31	ng #	96
82) Chrysene	14.17	228	779752	42.24	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	538317	46.32	ng	98
84) Di-n-octyl phthalate	14.75	149	862853	50.02	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	975746	62.51	ng	98
87) Benzo(b)fluoranthene	15.19	252	949827	39.23	ng #	96
88) Benzo(k)fluoranthene	15.23	252	711628m	33.93	ng	
89) Benzo(a)pyrene	15.57	252	840131	41.25	ng	97
90) Dibenzo(a,h)anthracene	17.13	278	835813	45.56	ng	98
91) Benzo(g,h,i)perylene	17.57	276	768746	41.22	ng	97

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

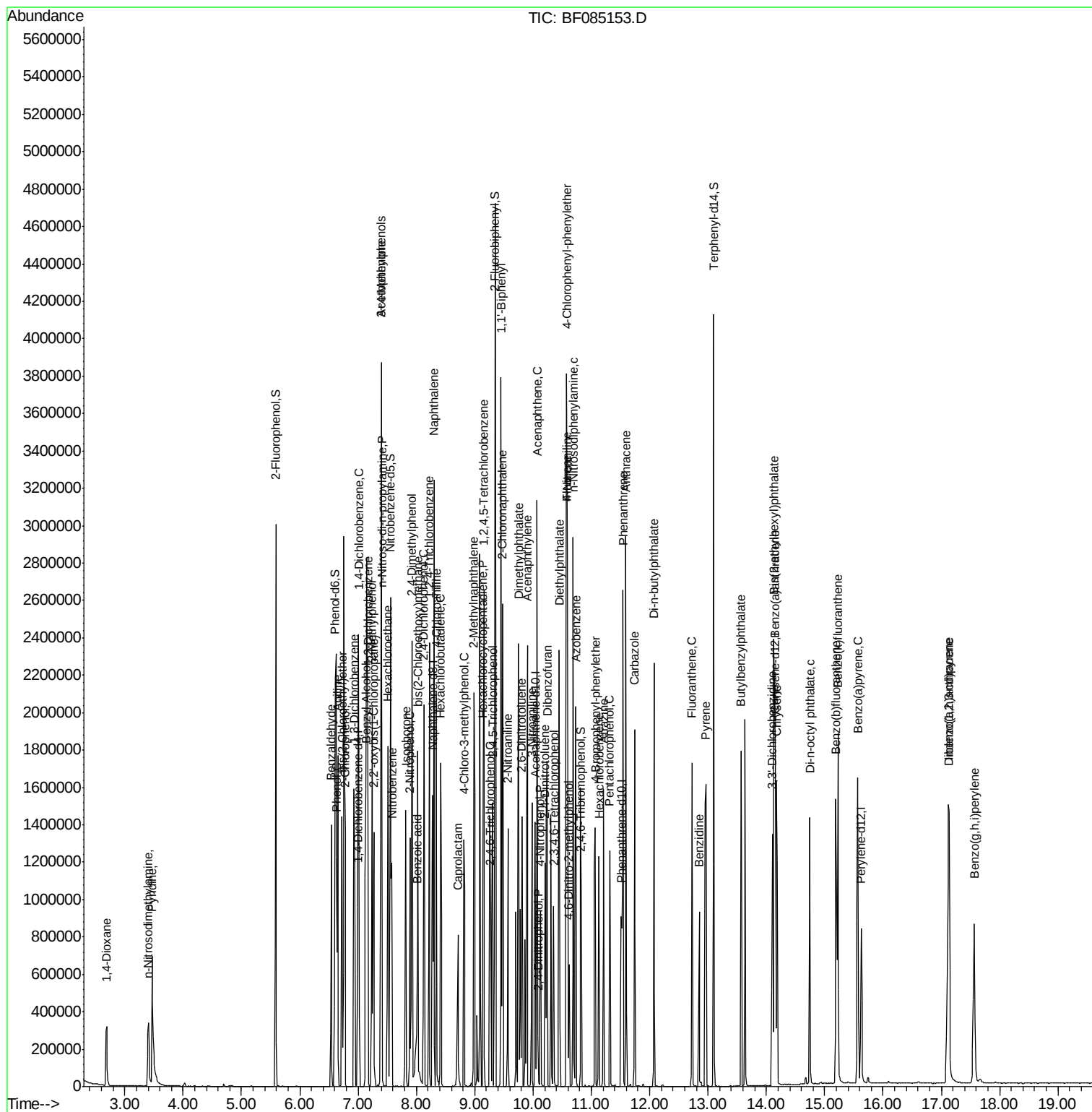
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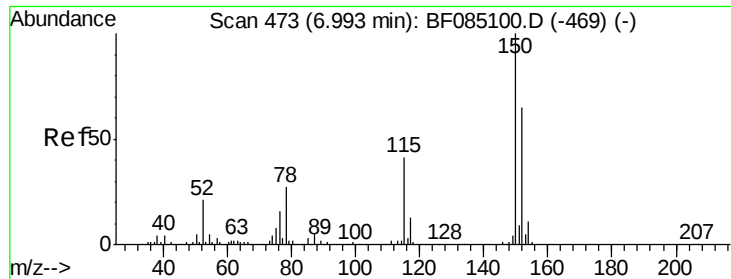
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BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085153.D

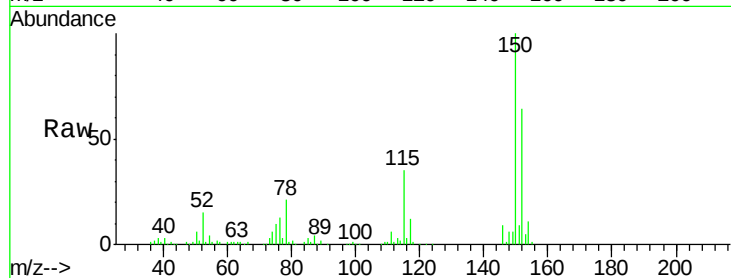
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 152 Resp: 164213

Ion Ratio Lower Upper

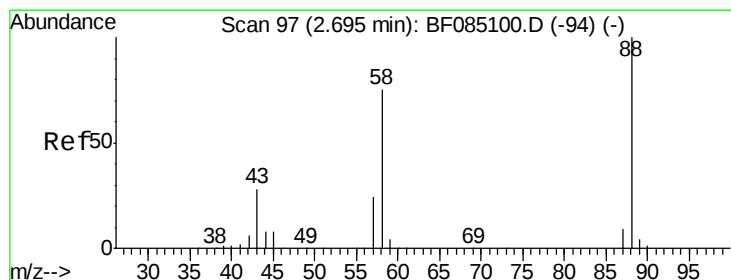
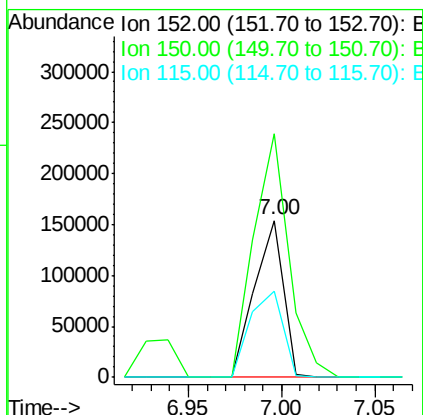
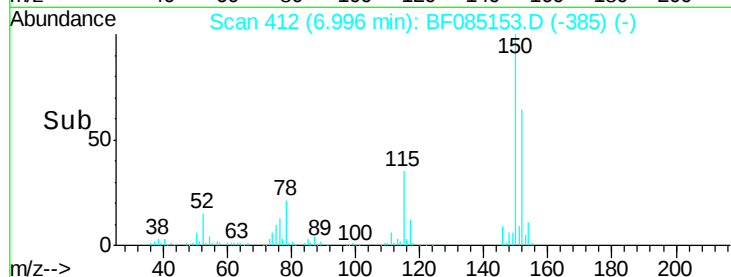
152 100

150 155.4 123.4 185.0

115 54.8 50.0 75.0

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#2

1,4-Dioxane

Concen: 38.94 ng

RT: 2.69 min Scan# 35

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

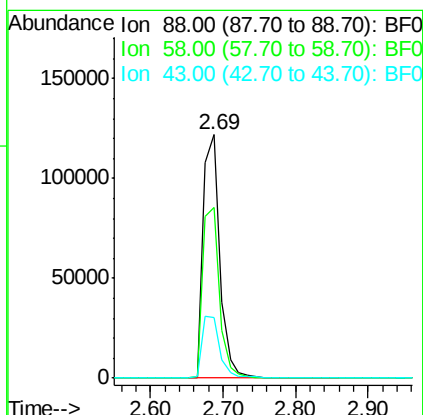
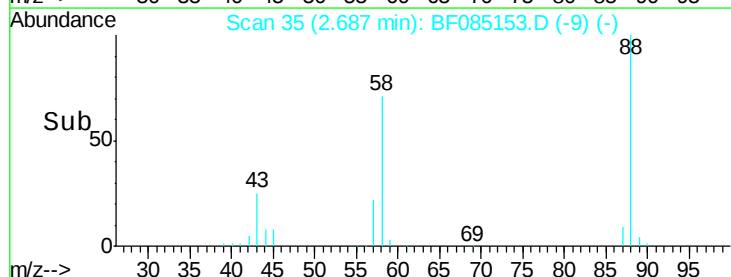
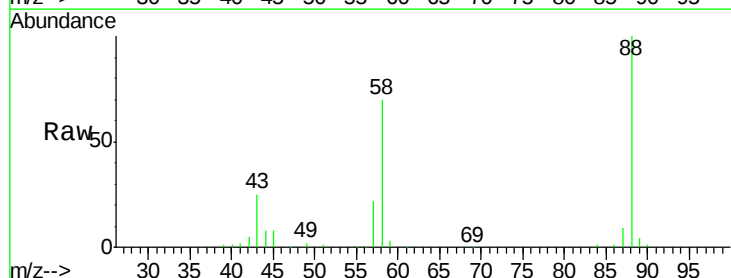
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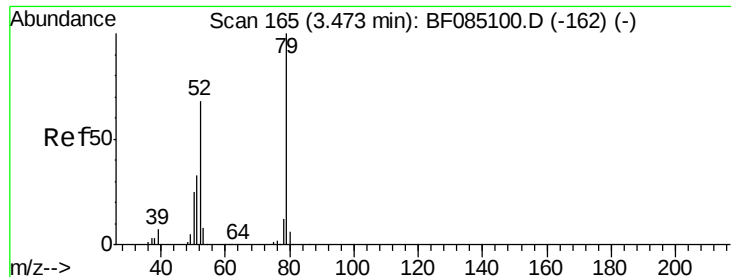
Ion Ratio Lower Upper

88 100

58 70.4 58.4 87.6

43 27.2 22.2 33.4





#3

Pyridine

Concen: 38.58 ng

RT: 3.46 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

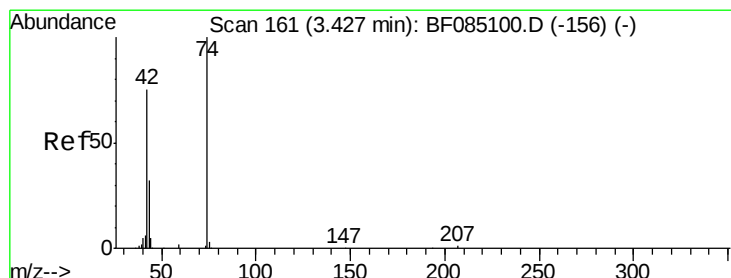
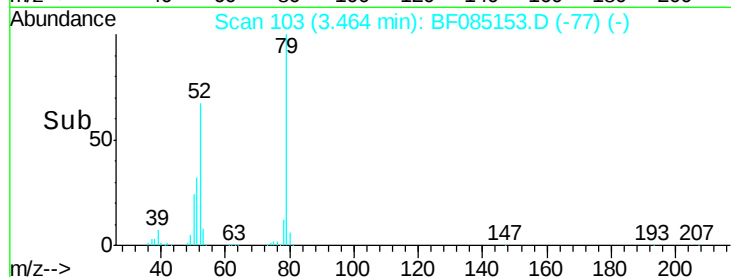
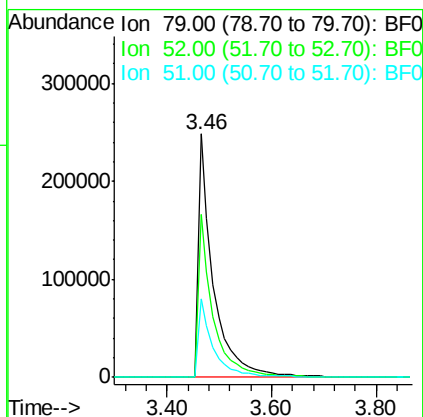
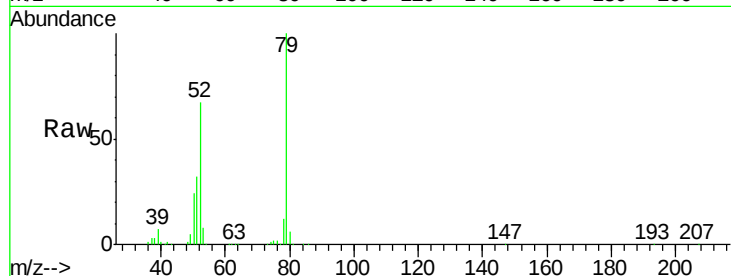
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	496325
Ion	Ratio	Lower	Upper
79	100		
52	66.8	54.1	81.1
51	32.4	26.6	40.0

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#4

n-Nitrosodimethylamine

Concen: 37.22 ng

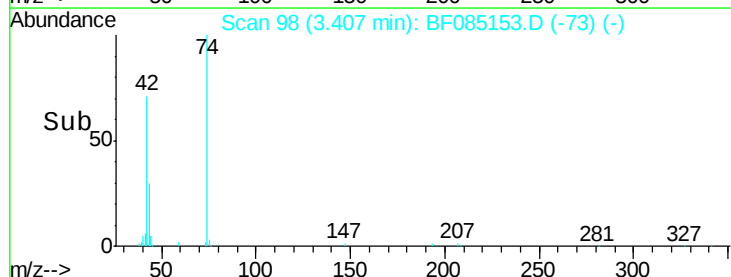
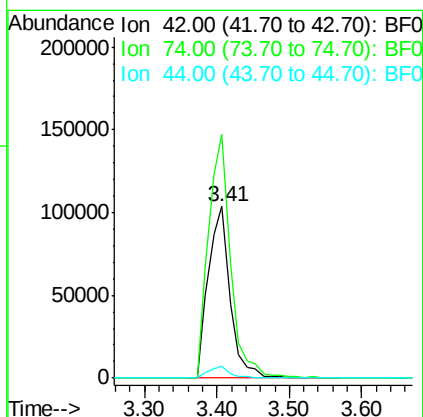
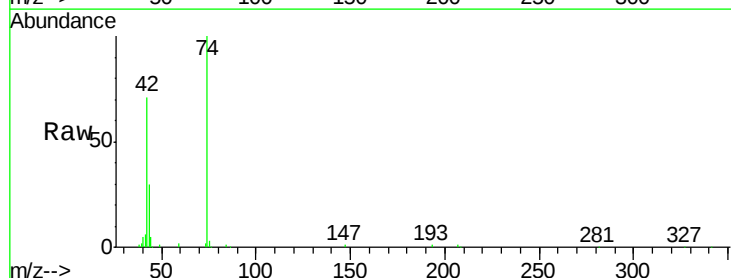
RT: 3.41 min Scan# 98

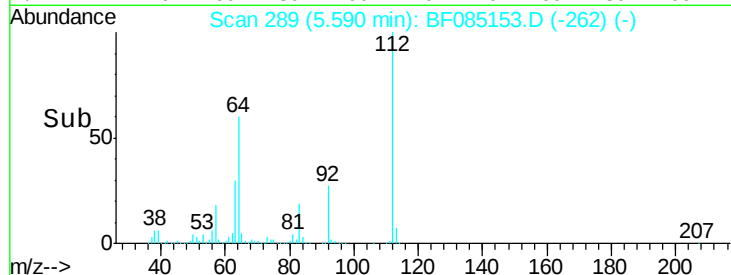
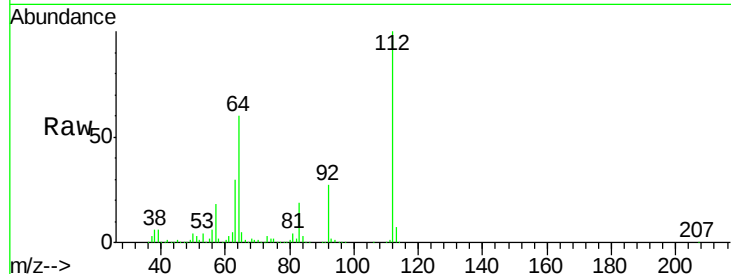
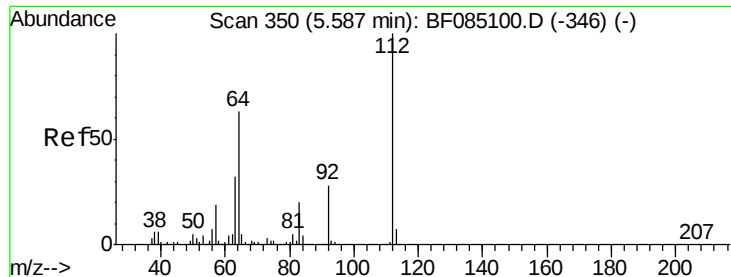
Delta R.T. -0.02 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	42	Resp:	217878
Ion	Ratio	Lower	Upper
42	100		
74	141.8	106.6	160.0
44	7.0	5.4	8.2





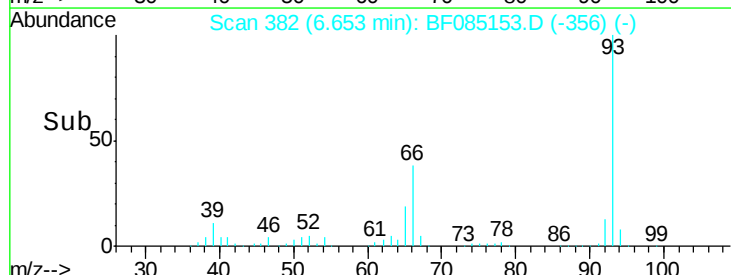
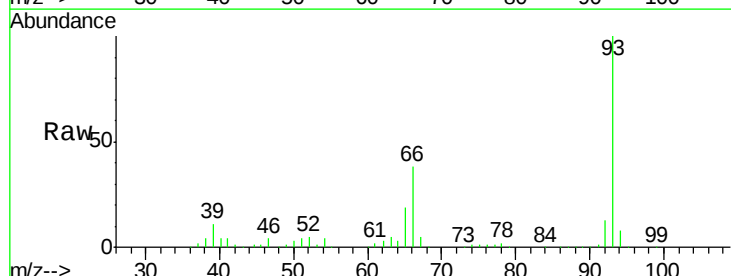
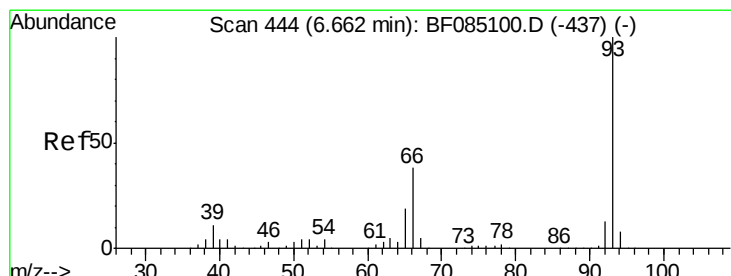
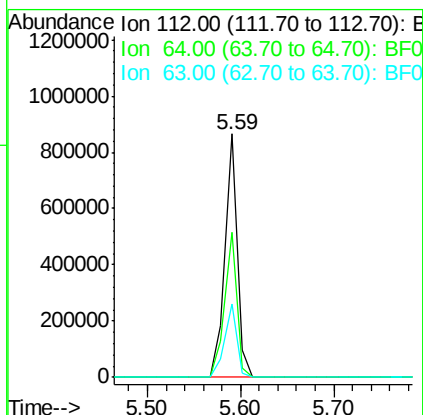
#5
2-Fluorophenol
Concen: 78.02 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	789185		
64	59.6	50.6	76.0	
63	30.1	25.5	38.3	

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ClientSampleId :
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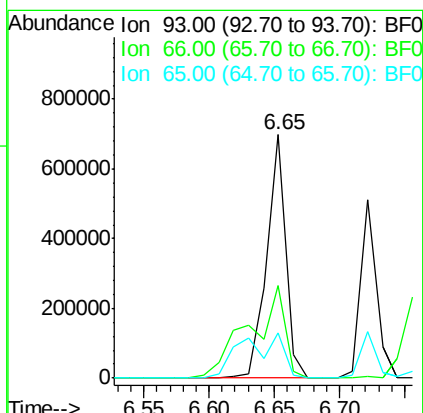
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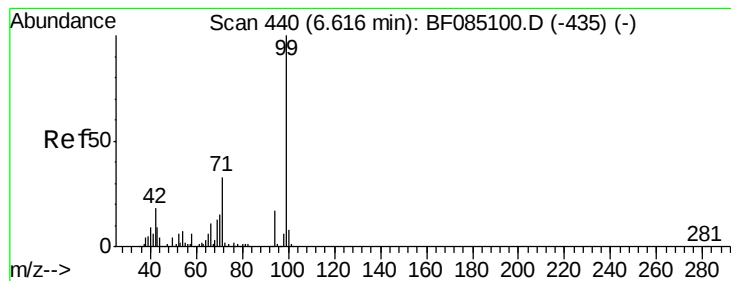
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#6
Aniline
Concen: 38.30 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	720639		
66	38.2	30.1	45.1	
65	18.8	15.0	22.6	





#7

Phenol-d6

Concen: 79.98 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085153.D

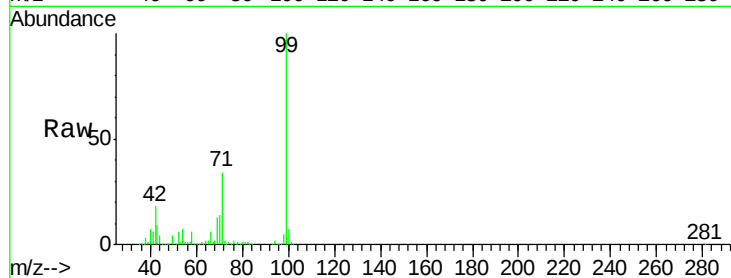
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 99 Resp: 1060509

Ion Ratio Lower Upper

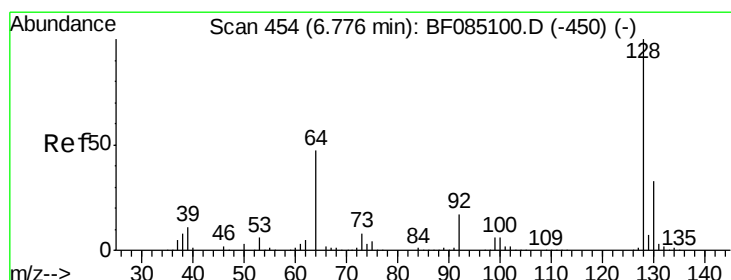
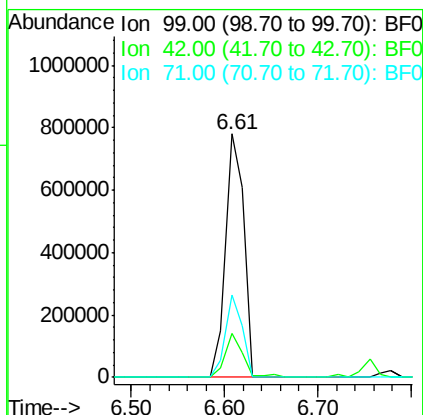
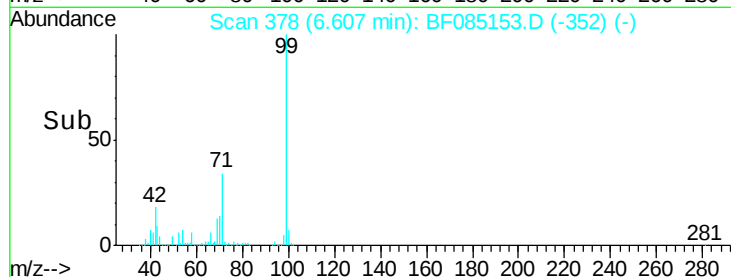
99 100

42 18.0 14.1 21.1

71 33.6 26.8 40.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.66 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

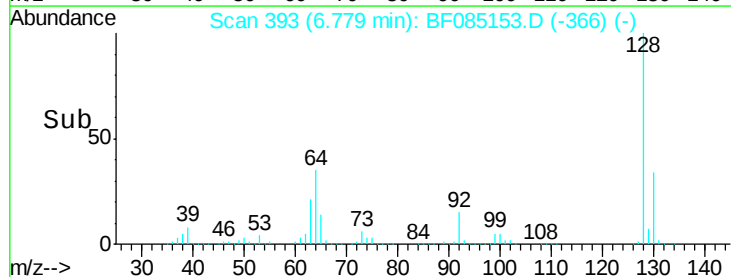
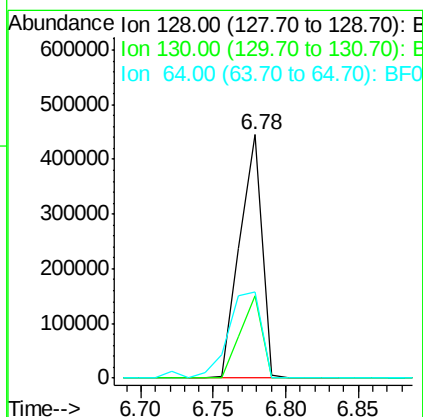
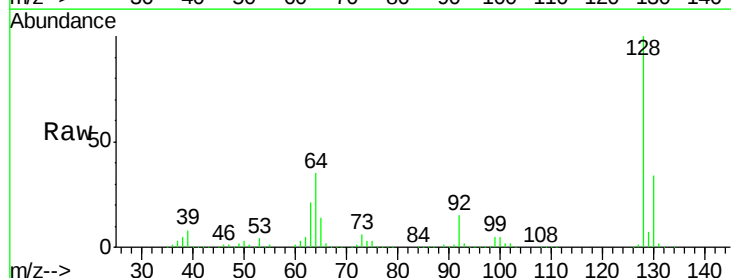
Tgt Ion: 128 Resp: 474068

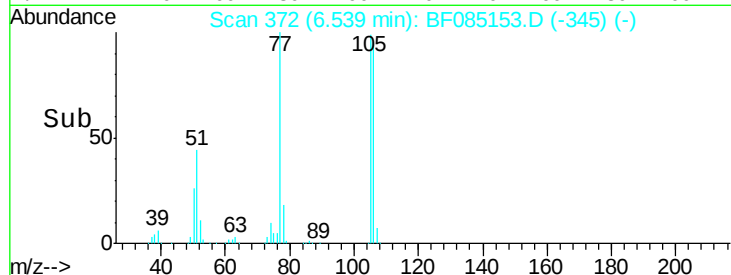
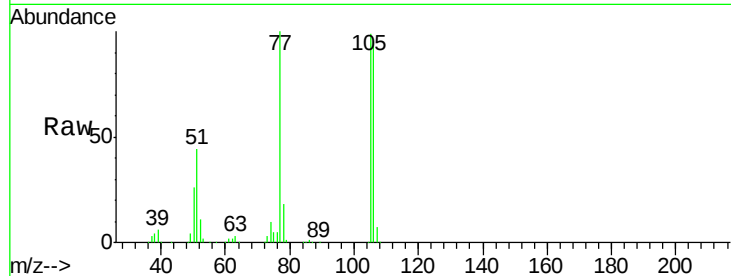
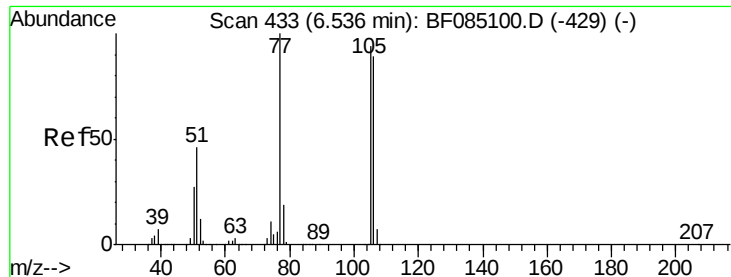
Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

64 35.1 29.6 69.6





#9

Benzaldehyde

Concen: 42.23 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085153.D

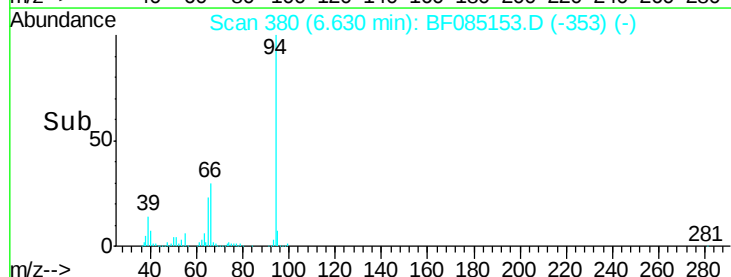
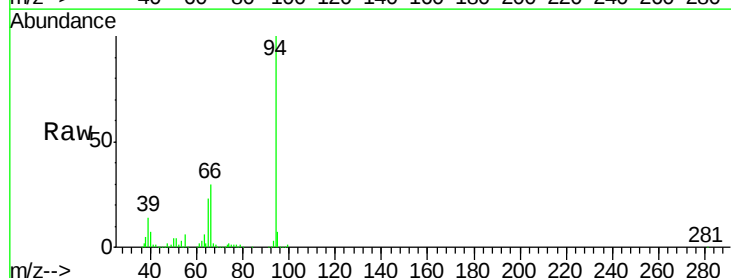
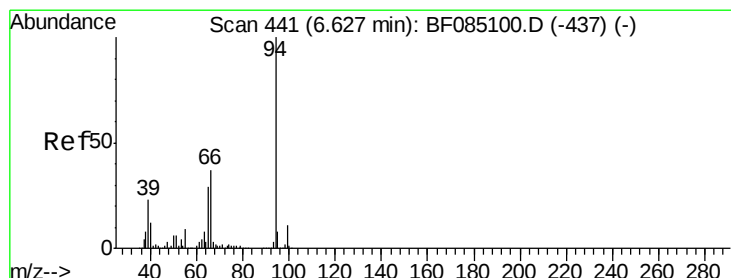
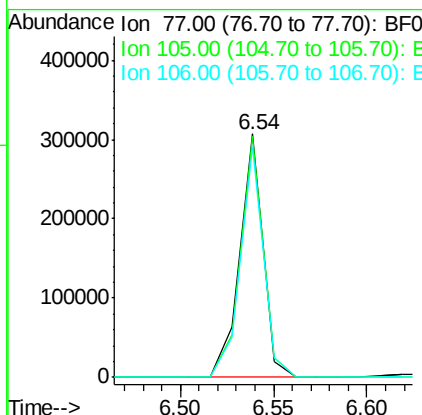
Acq: 3 Mar 2016 6:58

Tgt Ion:	77	Resp:	268905
Ion Ratio	Lower	Upper	
77	100		
105	99.2	73.7	113.7
106	94.9	69.2	109.2

Instrument :
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ClientSampleId :
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Manual Integrations
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3/3/2016 1:43:12 PM



#10

Phenol

Concen: 39.14 ng m

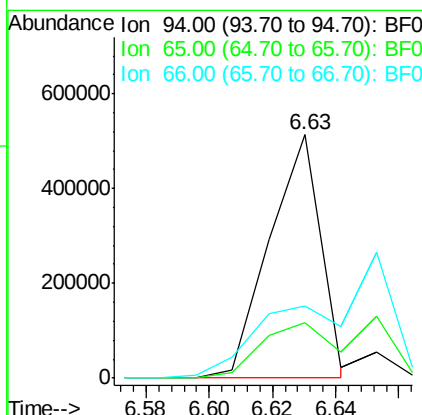
RT: 6.63 min Scan# 380

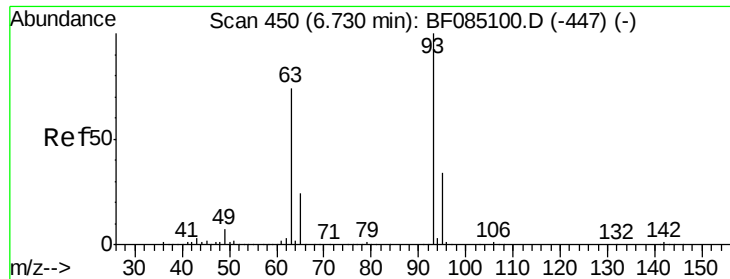
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	94	Resp:	580726
Ion Ratio	Lower	Upper	
94	100		
65	22.7	9.1	49.1
66	29.5	17.5	57.5





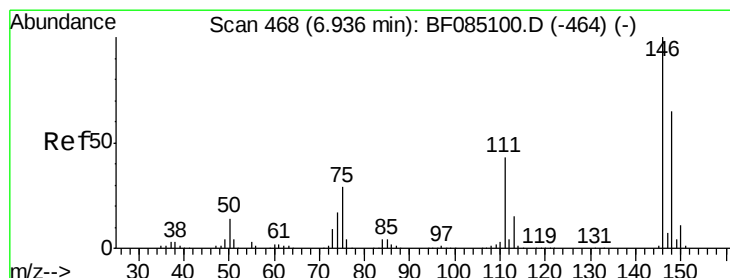
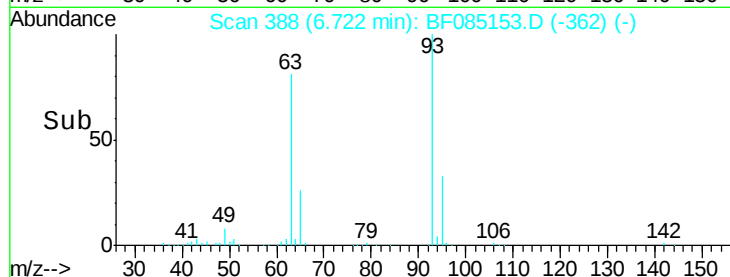
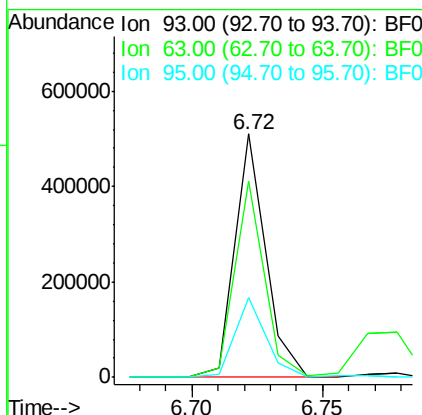
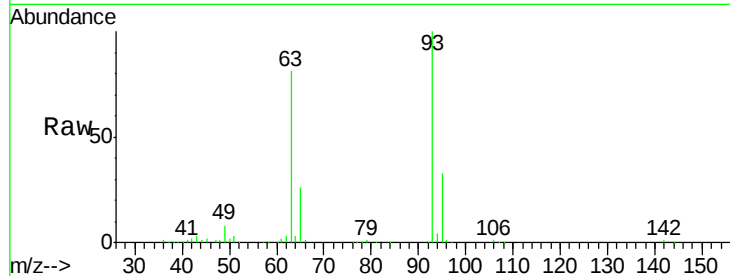
#11
bis(2-Chloroethyl)ether
Concen: 35.89 ng
RT: 6.72 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	93	Resp:	422127
Ion	Ratio	Lower	Upper
93	100		
63	80.6	53.9	93.9
95	32.9	13.8	53.8

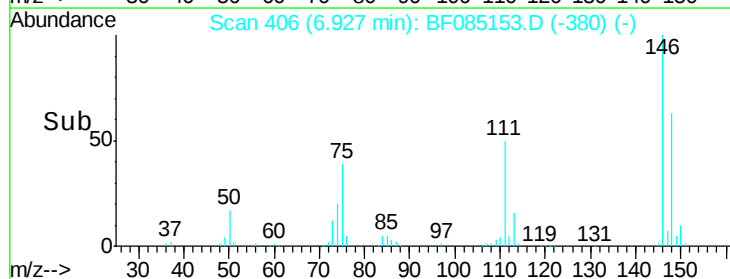
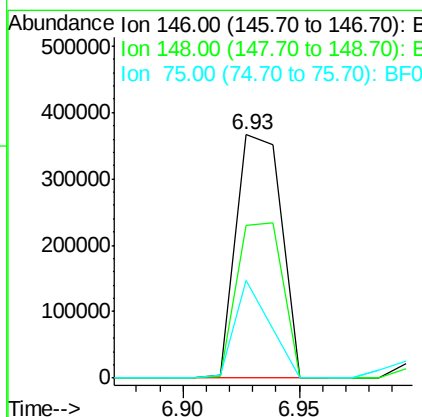
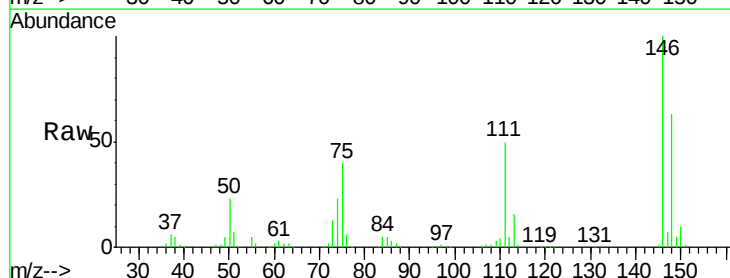
Manual Integrations
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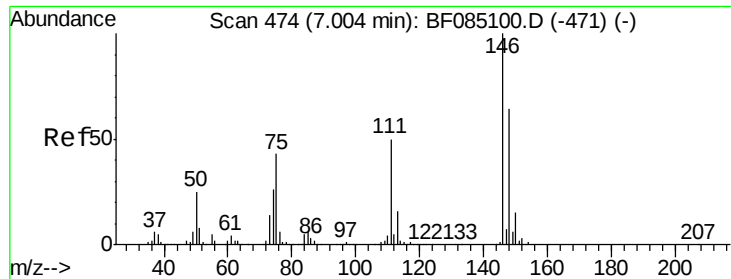
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#12
1,3-Dichlorobenzene
Concen: 39.65 ng m
RT: 6.93 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion:	146	Resp:	496556
Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.9	77.9
75	40.4	23.3	34.9#





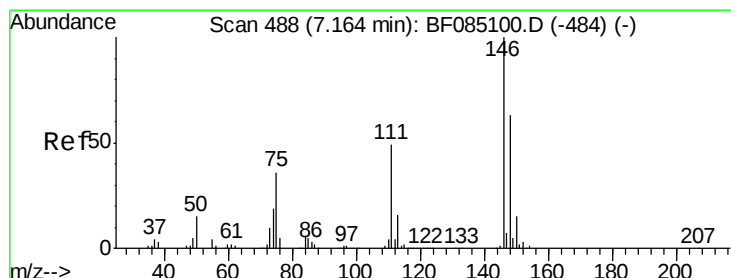
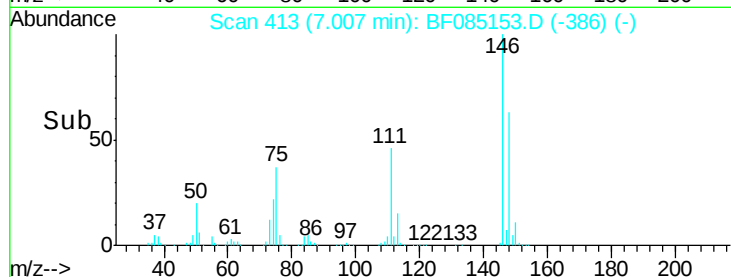
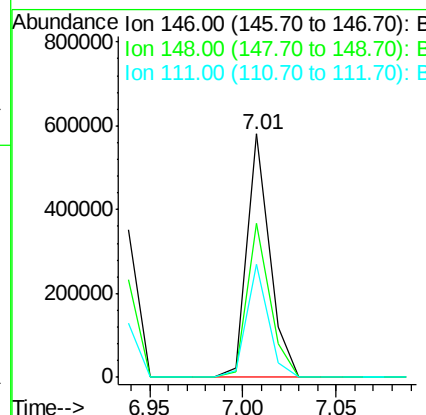
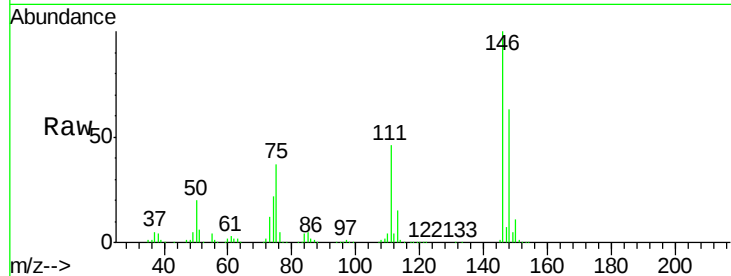
#13
 1,4-Dichlorobenzene
 Concen: 38.88 ng
 RT: 7.01 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	496264		
148	63.0	51.1	76.7	
111	46.4	40.0	60.0	

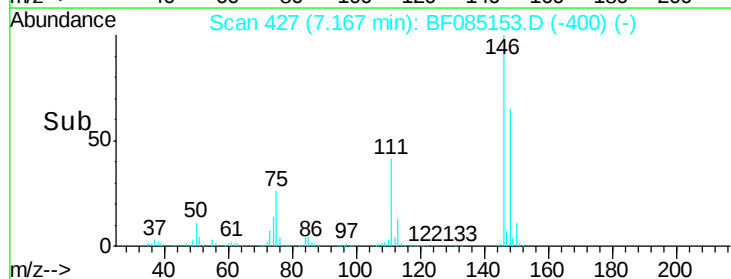
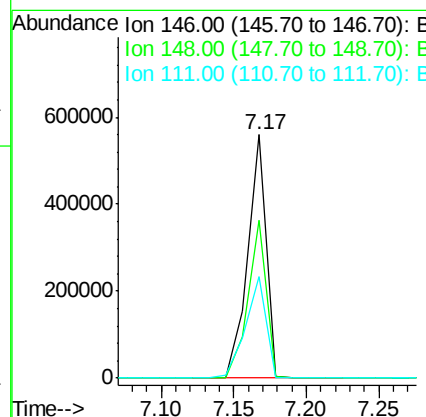
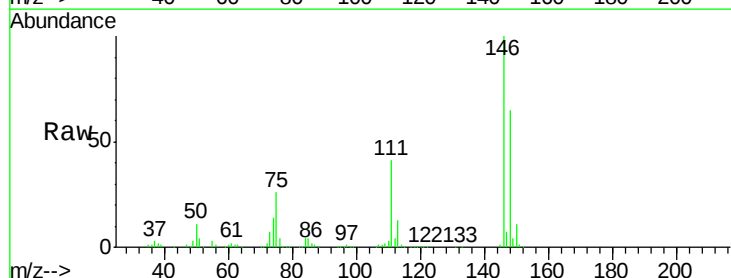
Manual Integrations
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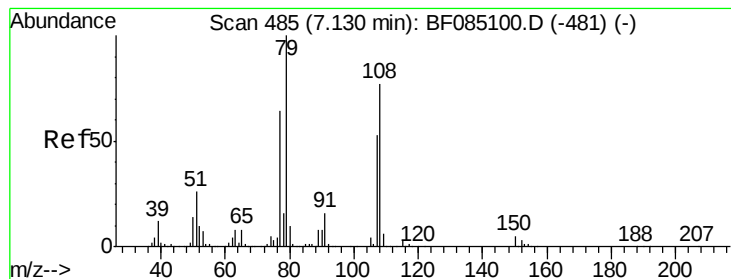
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#14
 1,2-Dichlorobenzene
 Concen: 43.95 ng
 RT: 7.17 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	493846		
148	64.9	50.5	75.7	
111	41.5	38.9	58.3	





#15

Benzyl Alcohol

Concen: 40.59 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

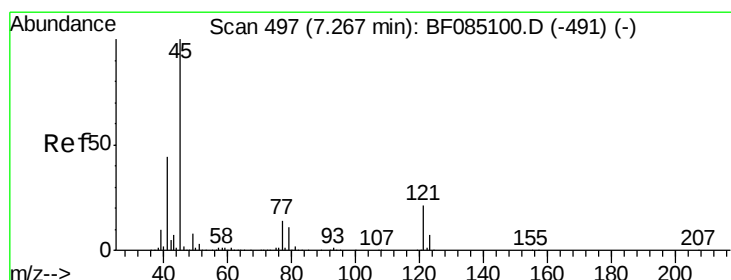
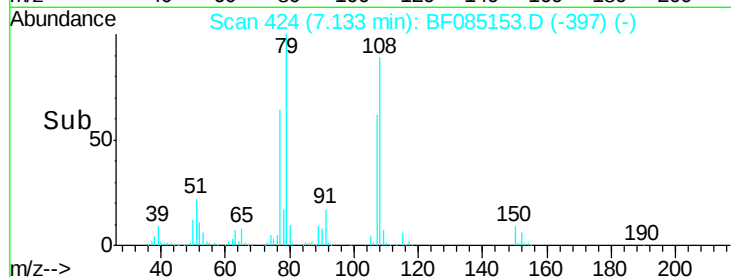
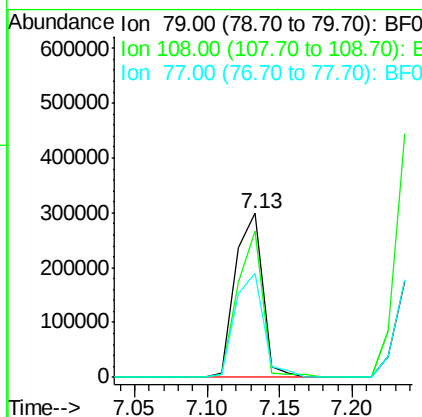
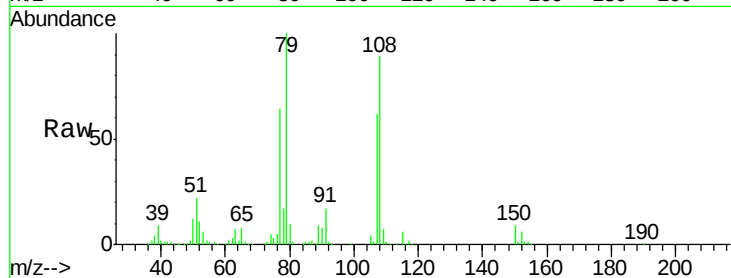
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	392361
Ion Ratio	Lower	Upper	
79	100		
108	89.2	61.8	92.6
77	63.6	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.96 ng

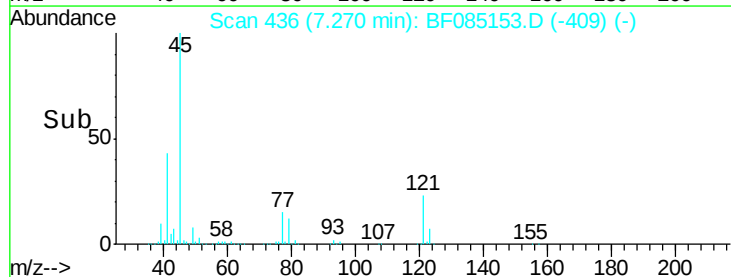
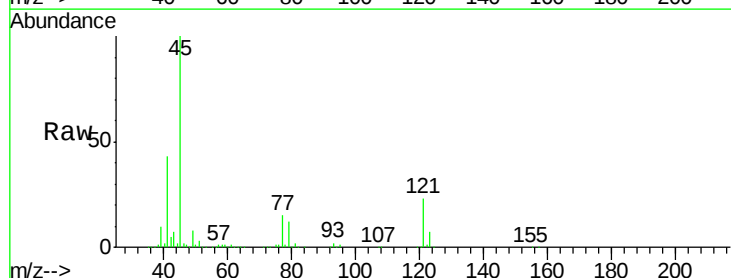
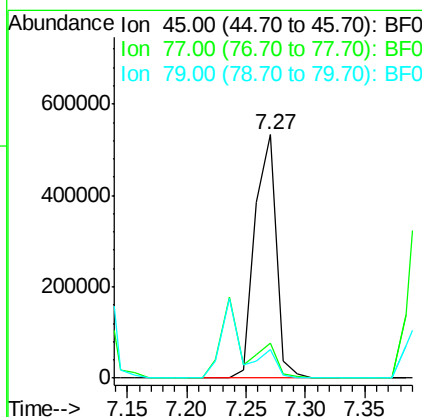
RT: 7.27 min Scan# 436

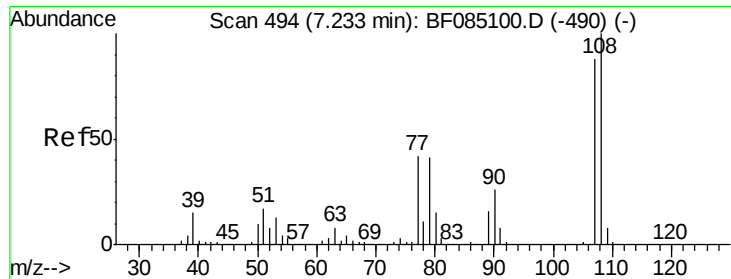
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	45	Resp:	675314
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.4
79	11.6	0.0	31.1





#17

2-Methylphenol

Concen: 37.74 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

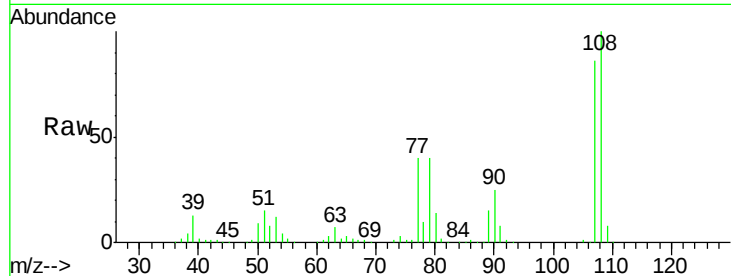
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	107	Resp:	368660
Ion Ratio	Lower	Upper	
107	100		
108	115.8	91.4	137.2
77	46.4	38.7	58.1
79	45.9	37.8	56.6

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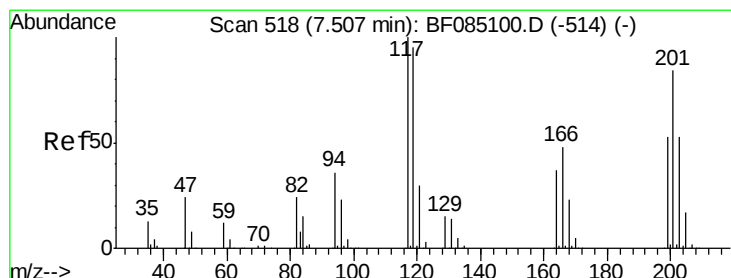
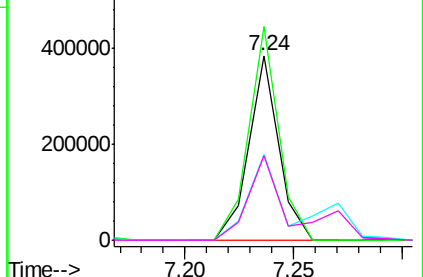
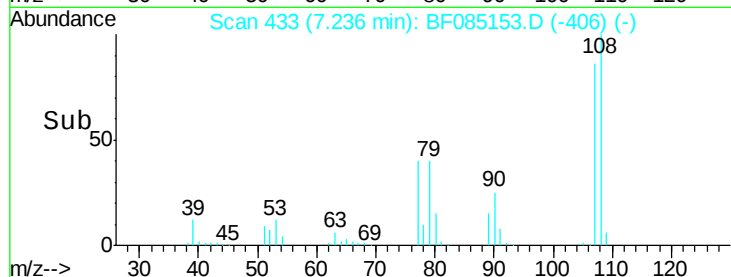


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.07 ng

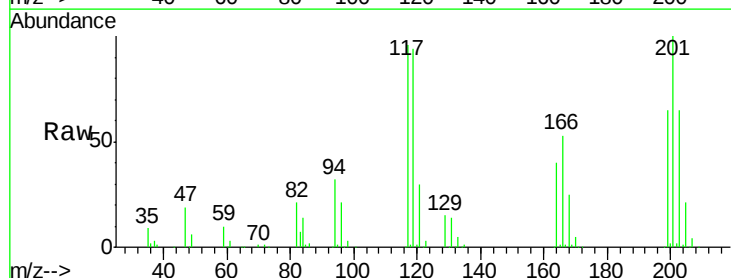
RT: 7.51 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

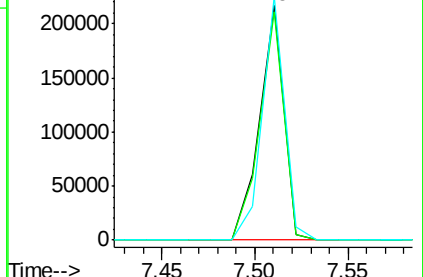
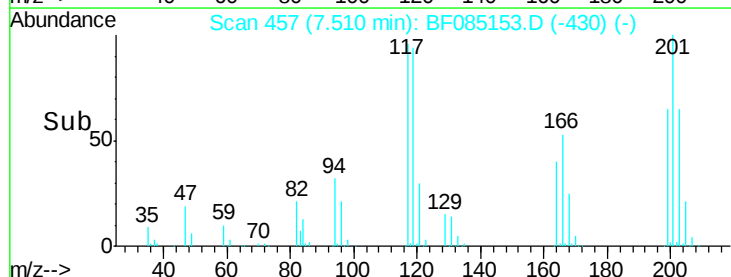
Tgt Ion:	117	Resp:	193749
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.2	114.4
201	104.0	66.8	100.2#

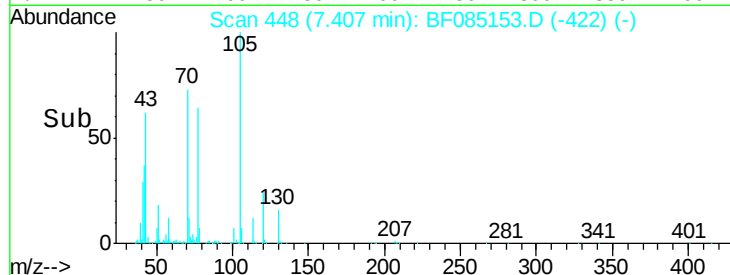
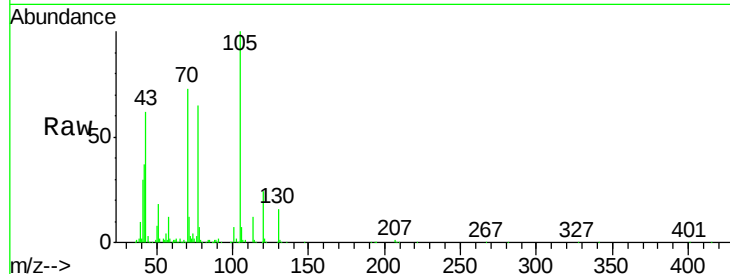
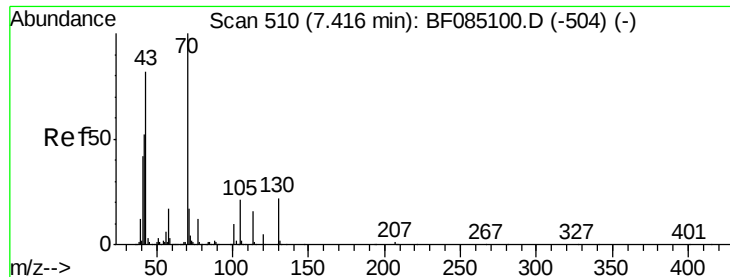


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





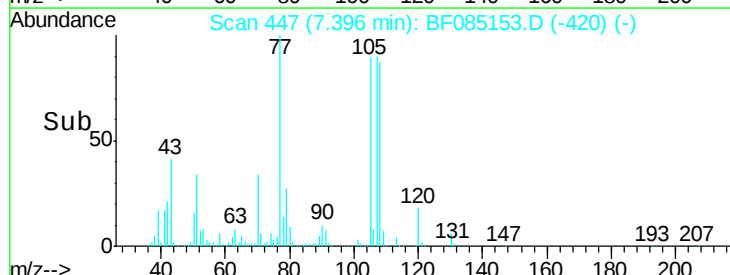
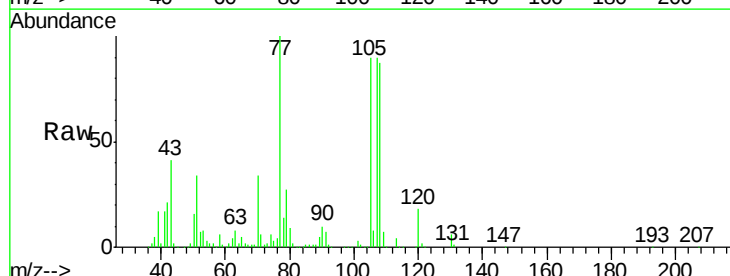
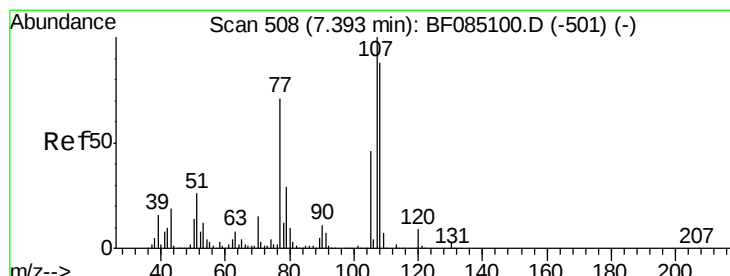
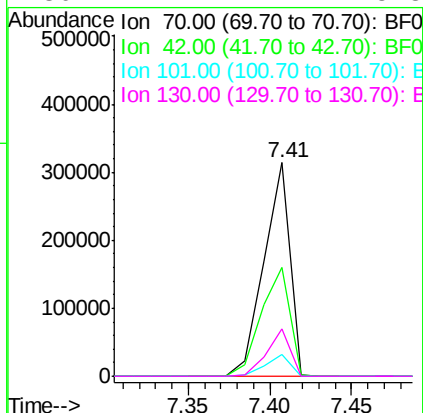
#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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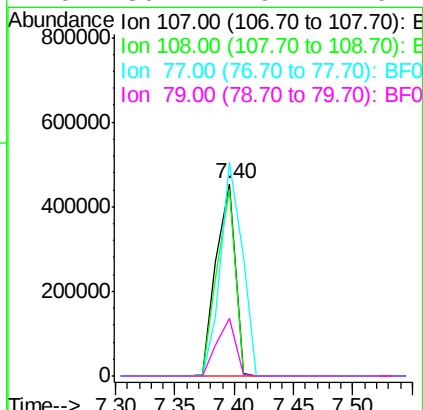
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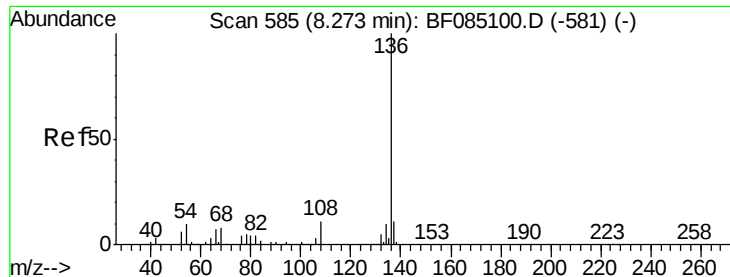
Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.9	62.9
101	10.0	7.8	11.8
130	22.4	17.2	25.8



#20
3+4-Methylphenols
Concen: 43.16 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.1	67.8	107.8
77	111.1	50.6	90.6#
79	30.2	9.1	49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085153.D

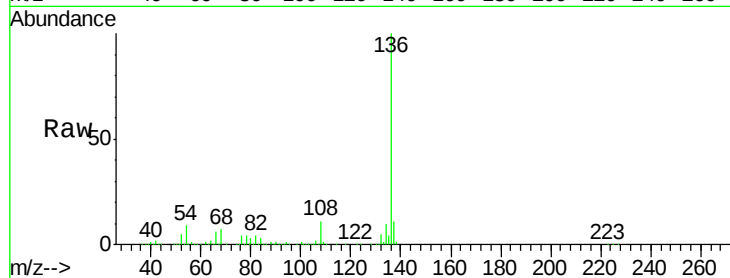
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 653815

Ion Ratio Lower Upper

136 100

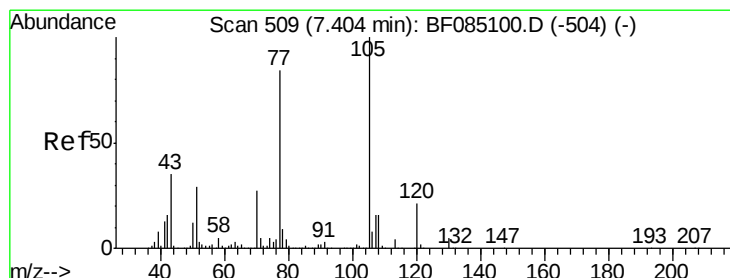
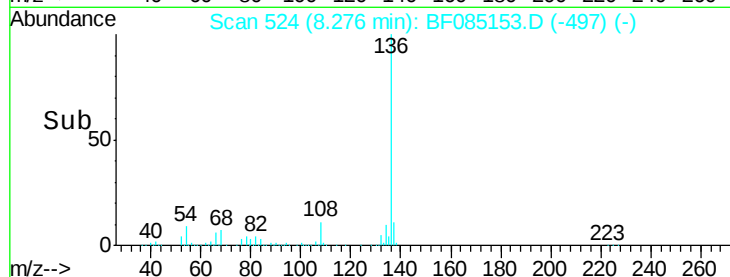
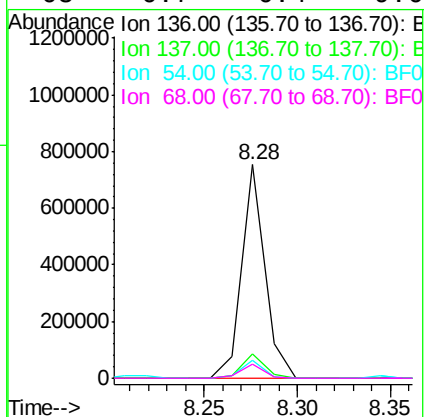
137 11.3 9.1 13.7

54 8.6 8.5 12.7

68 6.7 6.4 9.6

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3/3/2016 1:43:12 PM



#22

Acetophenone

Concen: 39.11 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:105 Resp: 643209

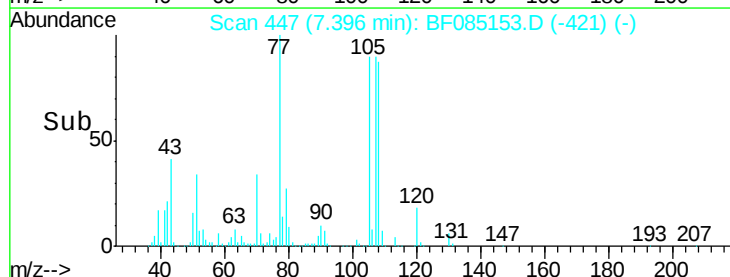
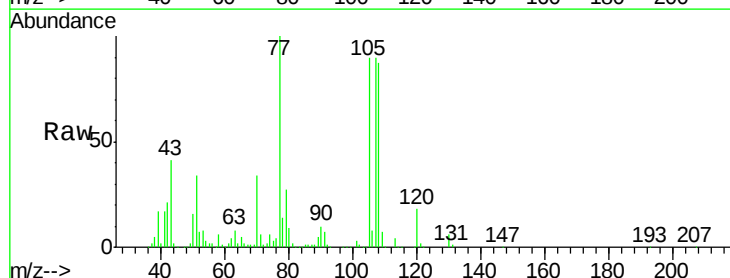
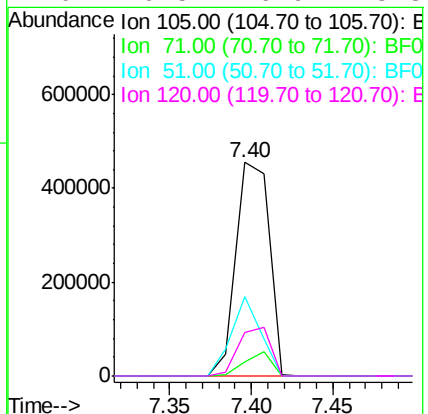
Ion Ratio Lower Upper

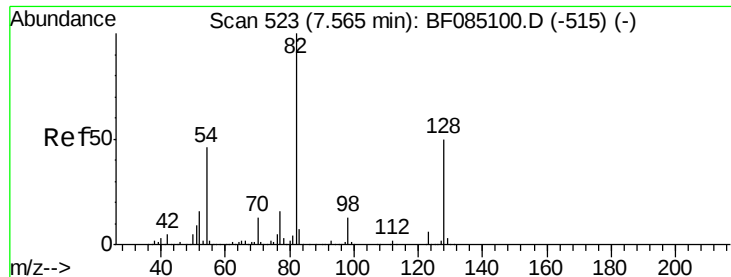
105 100

71 6.4 3.8 5.6#

51 37.4 22.9 34.3#

120 20.5 16.9 25.3





#23

Nitrobenzene-d5

Concen: 78.76 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

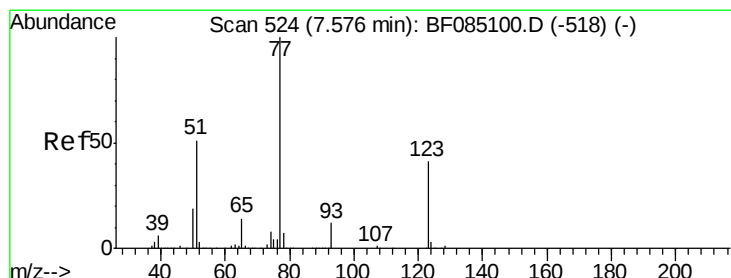
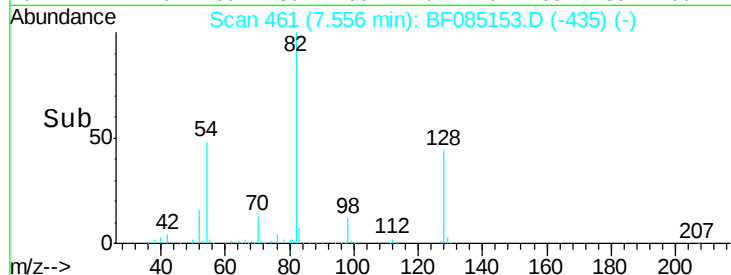
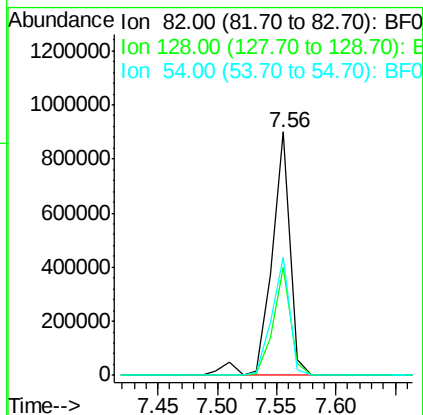
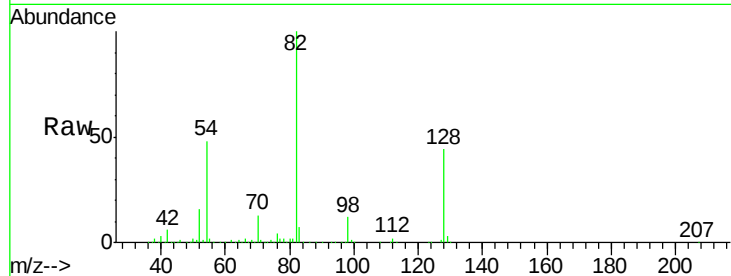
SSTDCCC040EC

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Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	39.8	59.6
54	48.4	36.6	54.8



#24

Nitrobenzene

Concen: 39.96 ng

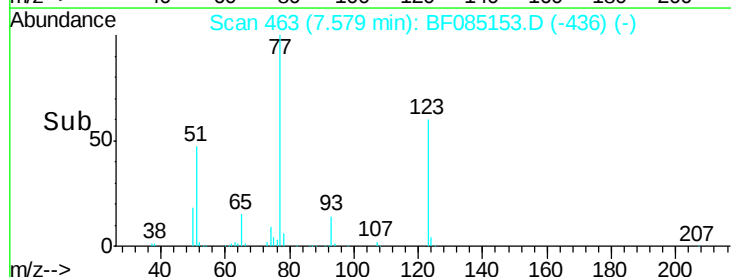
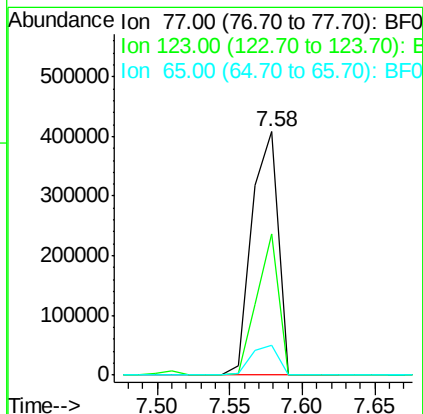
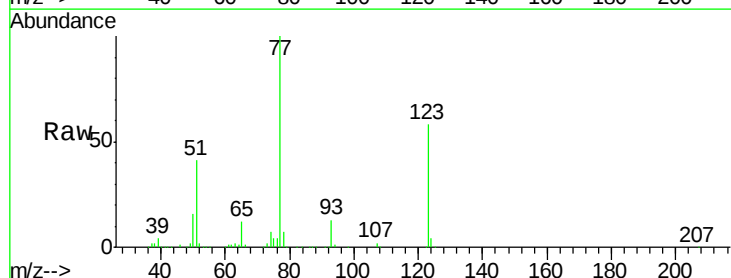
RT: 7.58 min Scan# 463

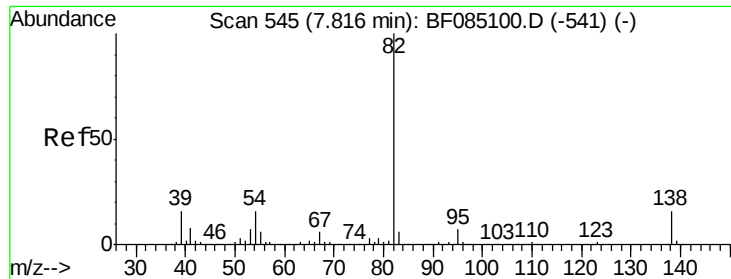
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.0	33.4	50.2#
65	12.3	10.9	16.3





#25

Isophorone

Concen: 38.48 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085153.D

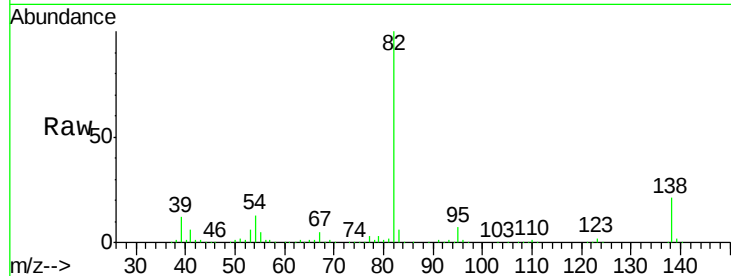
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 904628

Ion Ratio Lower Upper

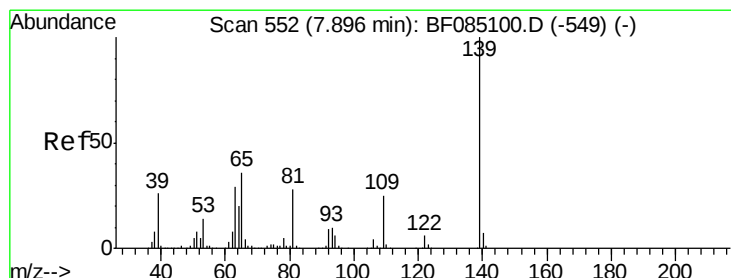
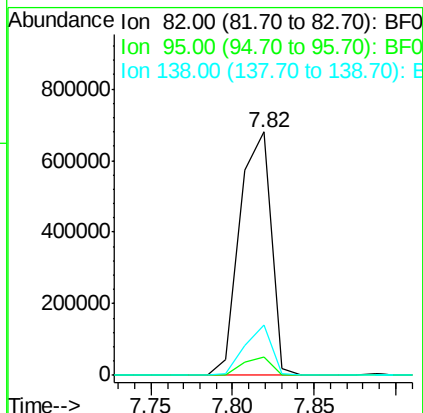
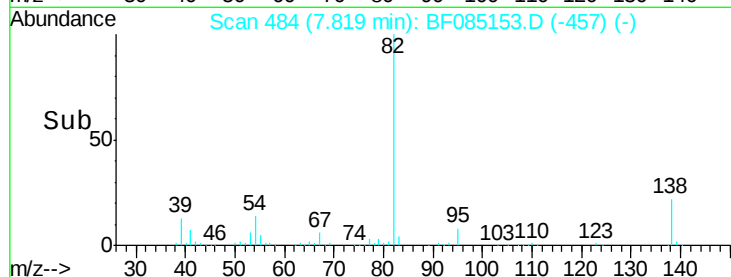
82 100

95 7.3 5.6 8.4

138 20.7 12.6 18.8#

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.15 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

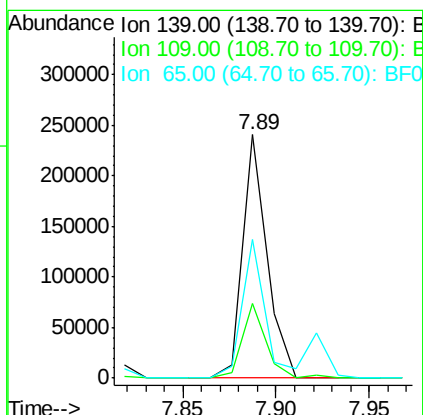
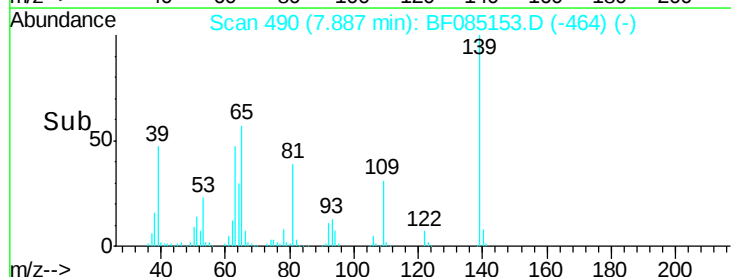
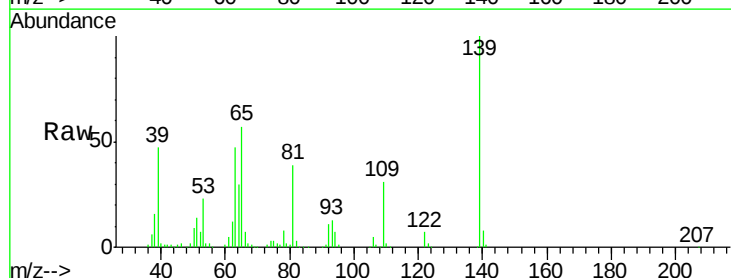
Tgt Ion: 139 Resp: 217437

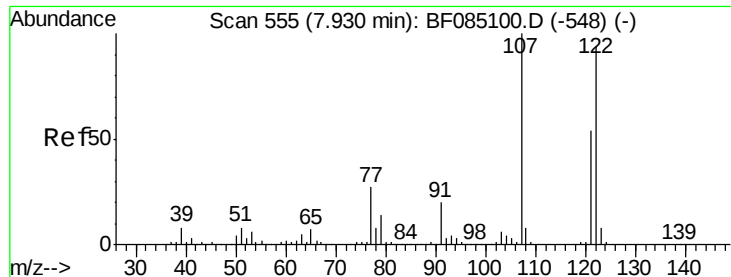
Ion Ratio Lower Upper

139 100

109 30.9 20.4 30.6#

65 56.8 29.2 43.8#





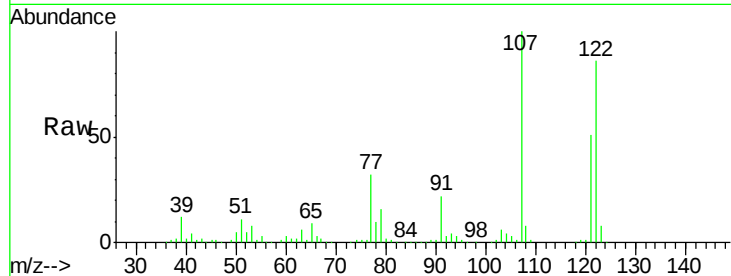
#27
 2,4-Dimethylphenol
 Concen: 38.01 ng
 RT: 7.92 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

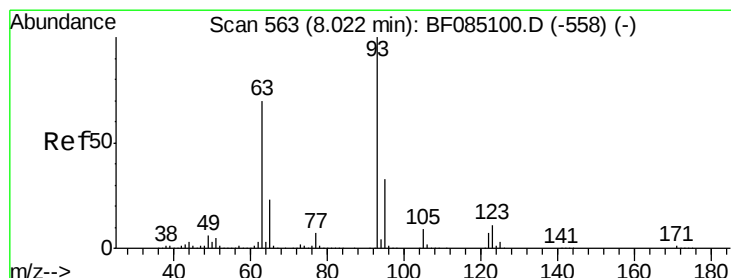
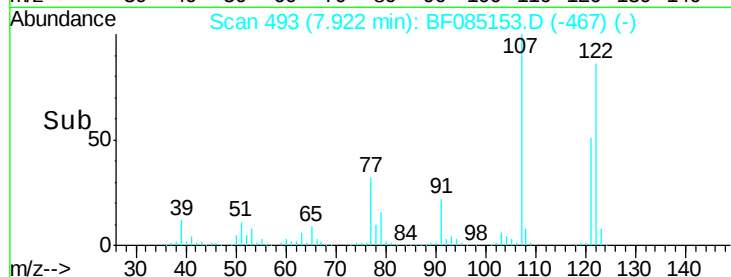
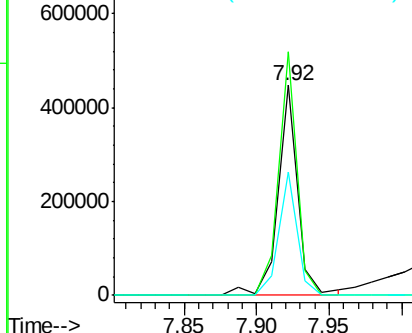
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	420018		
107	115.9	85.0	127.4	
121	58.6	45.8	68.8	

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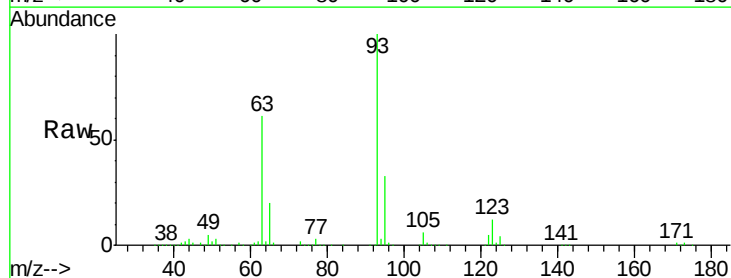


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

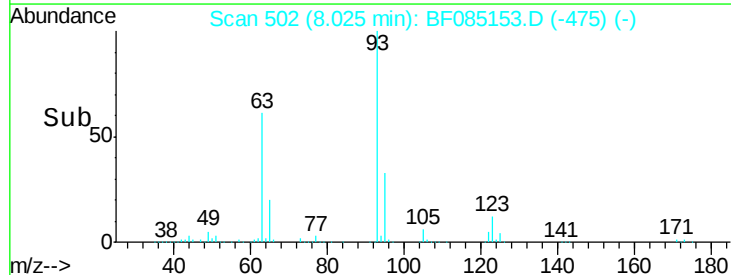
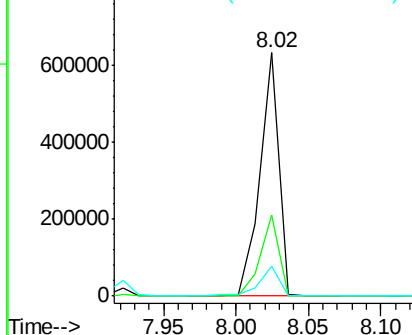


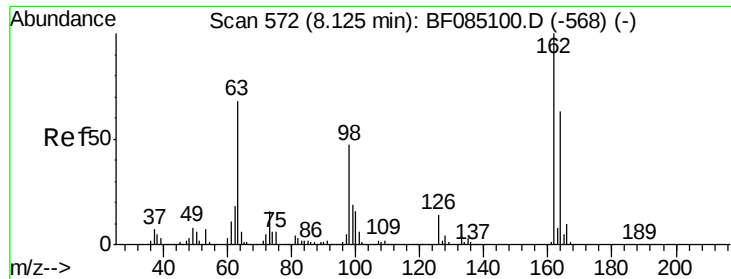
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.01 ng
 RT: 8.02 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	570531		
95	33.4	26.2	39.4	
123	12.1	8.8	13.2	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





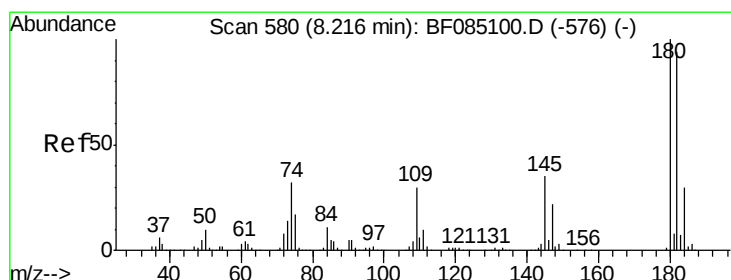
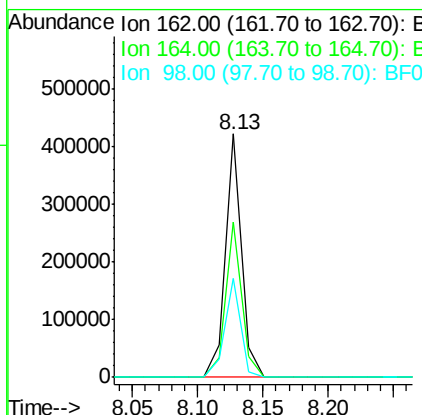
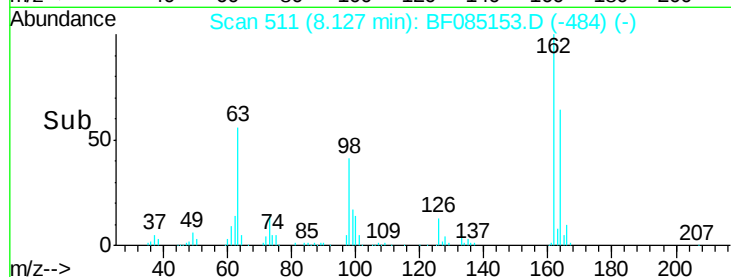
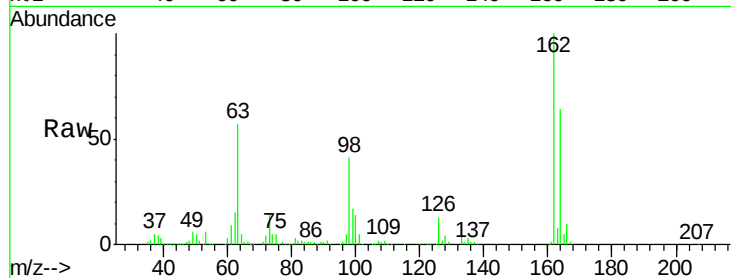
#29
2,4-Dichlorophenol
Concen: 40.30 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	162	Resp:	366352
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.9	82.9
98	40.7	26.9	66.9

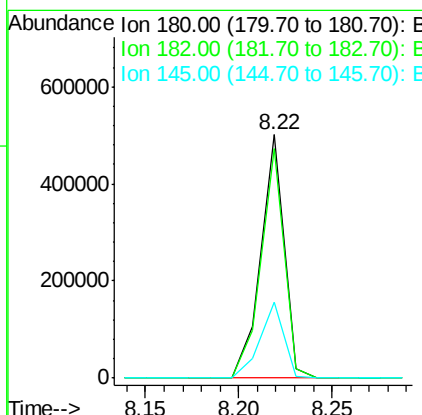
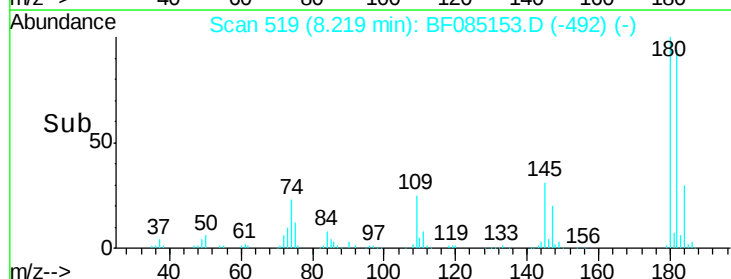
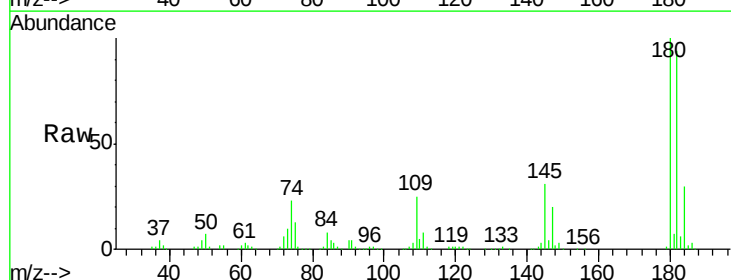
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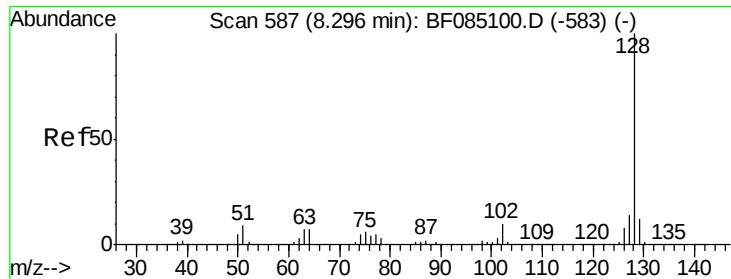
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3/3/2016 1:43:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.45 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion:	180	Resp:	430583
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.4	113.0
145	31.4	27.8	41.8





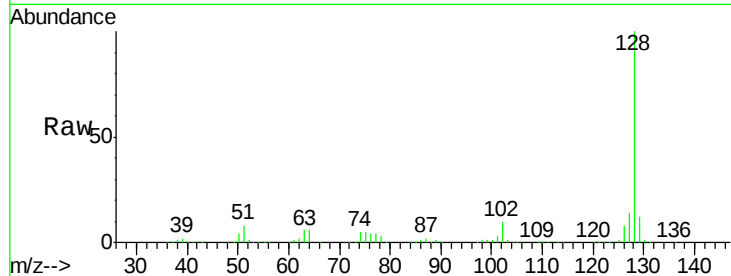
#31
Naphthalene
Concen: 39.13 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

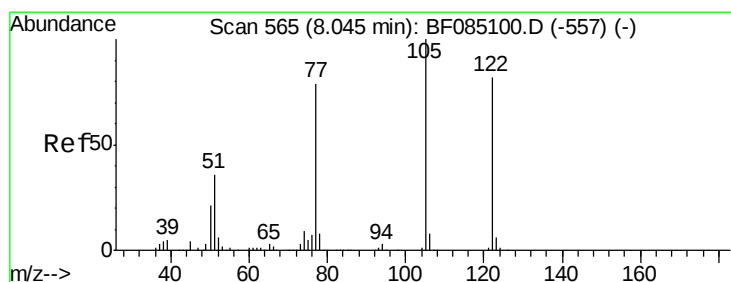
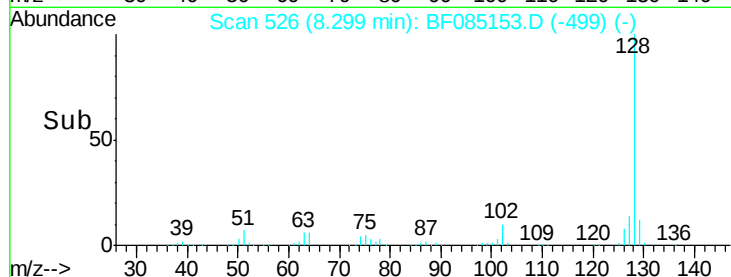
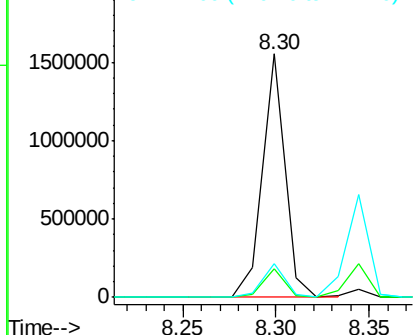
Tgt Ion:128 Resp: 1293716
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.8 11.1 16.7

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3/3/2016 1:43:12 PM

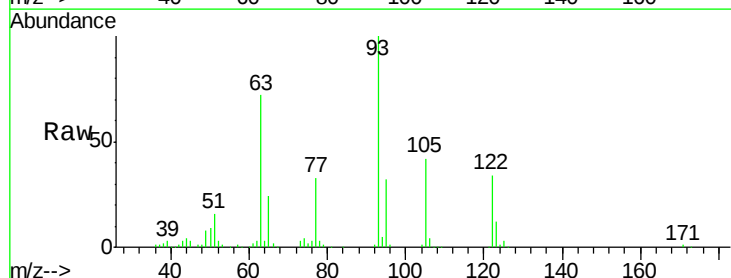


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

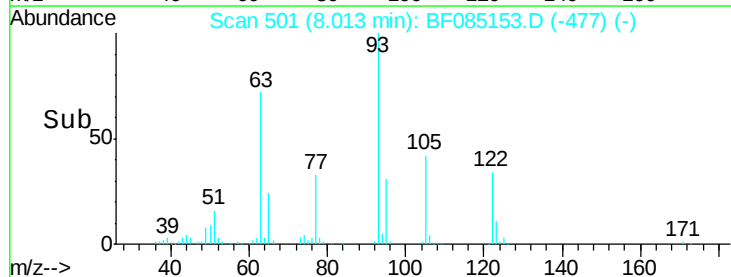
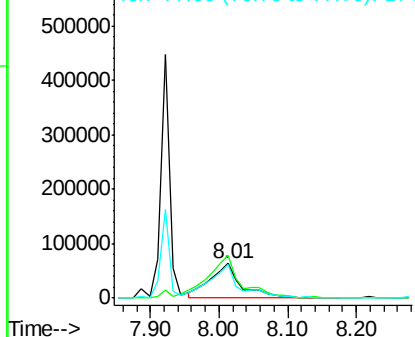


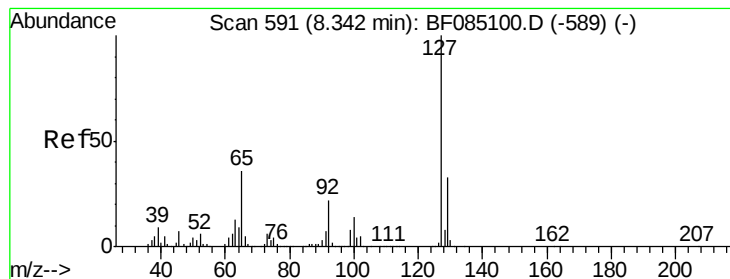
#32
Benzoic acid
Concen: 35.51 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion:122 Resp: 199562
Ion Ratio Lower Upper
122 100
105 123.8 102.0 142.0
77 95.4 76.8 116.8



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: 42.74 ng

RT: 8.34 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF085153.D

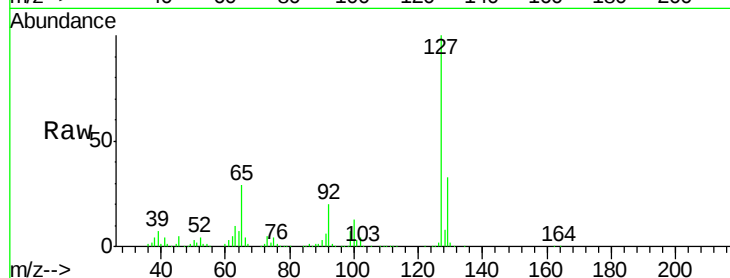
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

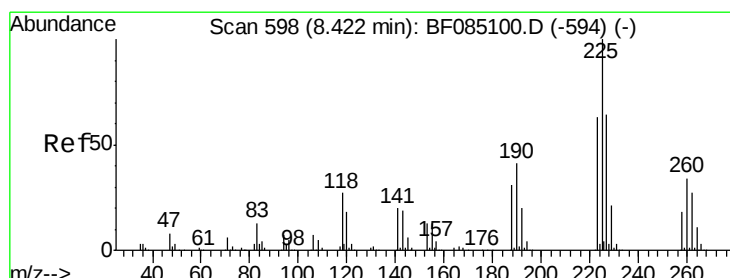
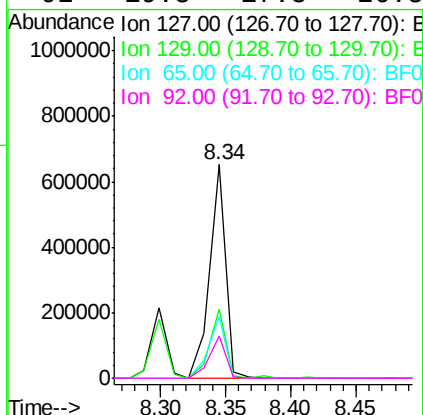
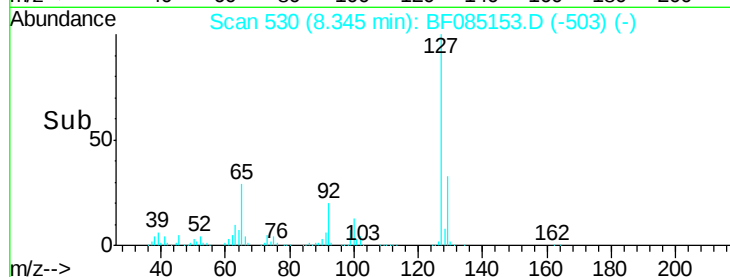
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	558679		
129	32.6	26.3	39.5	
65	28.8	28.6	43.0	
92	19.8	17.8	26.8	

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3/3/2016 1:43:12 PM



#34

Hexachlorobutadiene

Concen: 41.50 ng

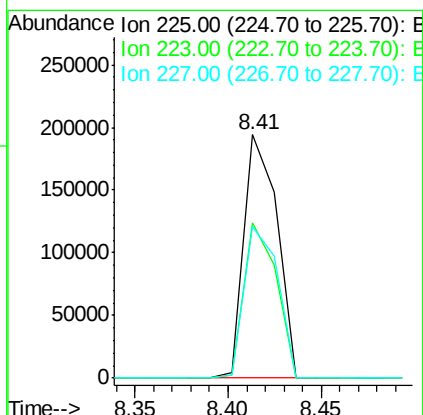
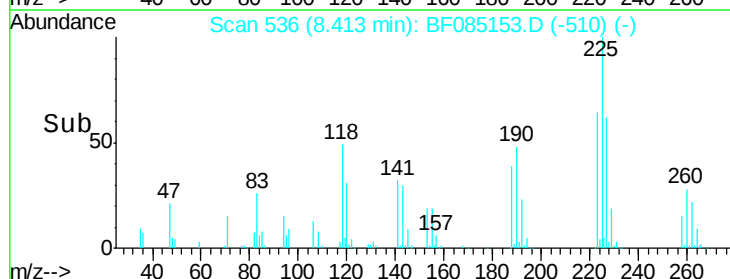
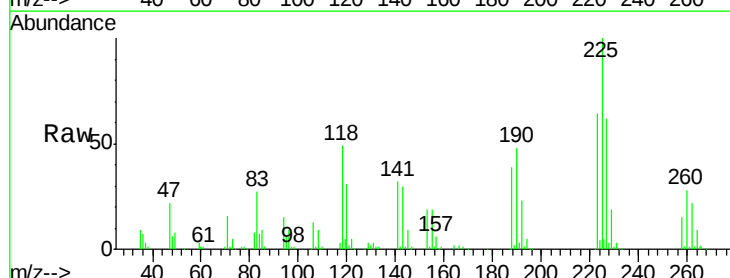
RT: 8.41 min Scan# 536

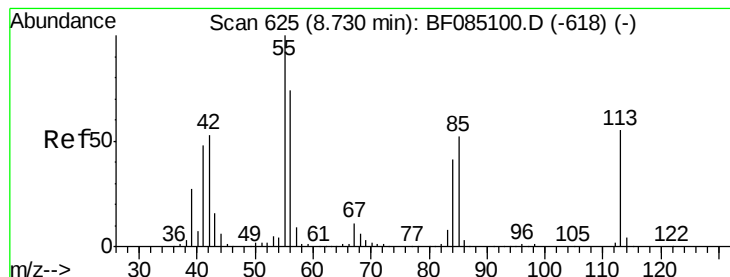
Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	238530		
223	63.7	50.4	75.6	
227	62.2	51.6	77.4	





#35

Caprolactam

Concen: 34.77 ng

RT: 8.71 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF085153.D

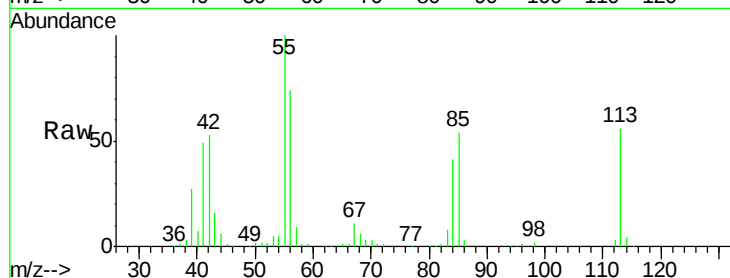
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:113 Resp: 99208

Ion Ratio Lower Upper

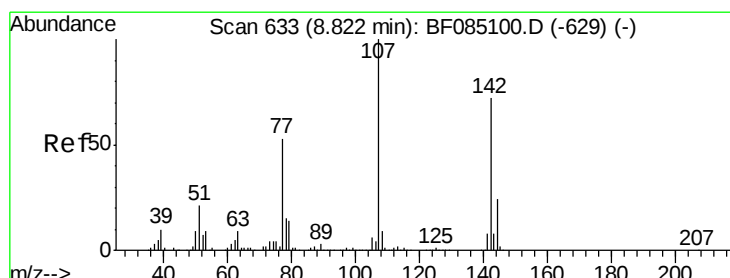
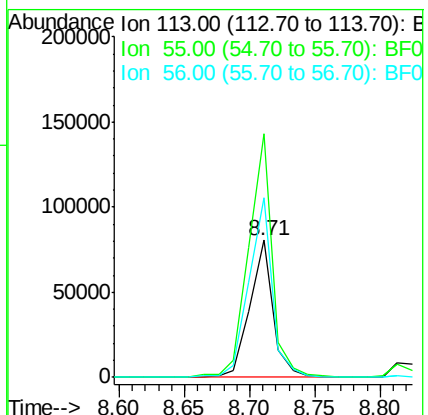
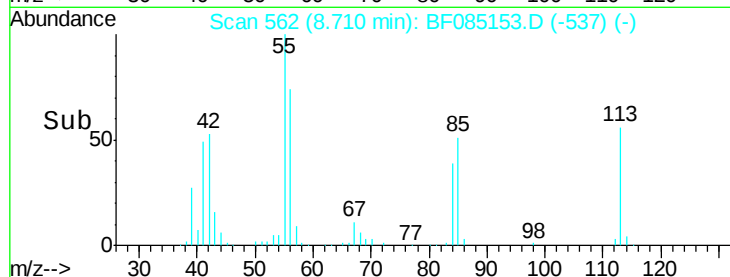
113 100

55 178.0 162.9 202.9

56 131.8 114.5 154.5

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3/3/2016 1:43:12 PM



#36

4-Chloro-3-methylphenol

Concen: 37.83 ng

RT: 8.81 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

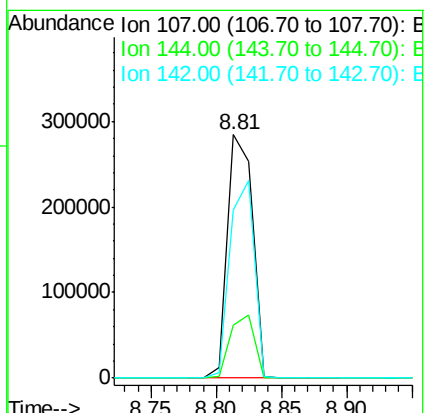
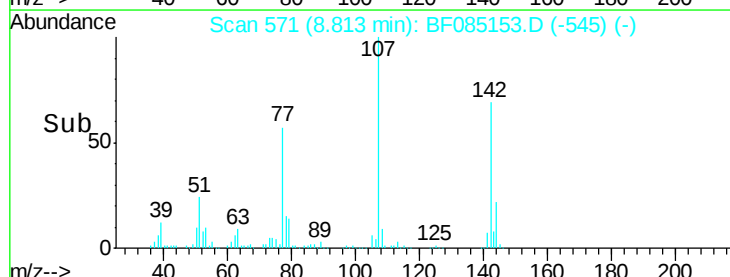
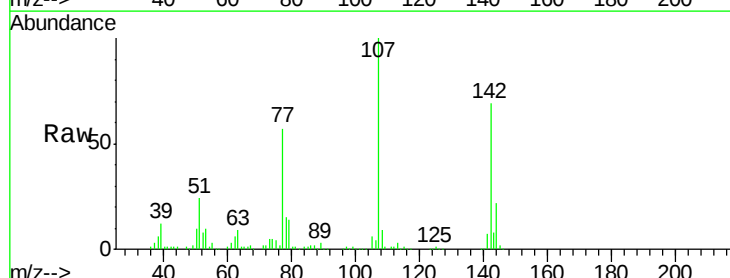
Tgt Ion:107 Resp: 380232

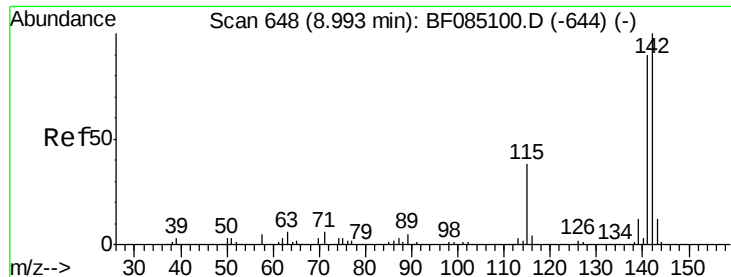
Ion Ratio Lower Upper

107 100

144 21.7 18.9 28.3

142 68.9 57.9 86.9





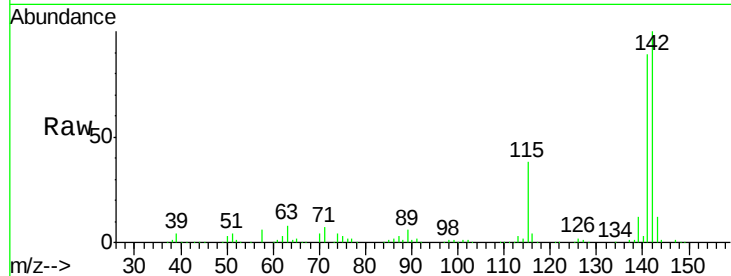
#37
2-Methylnaphthalene
Concen: 39.11 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

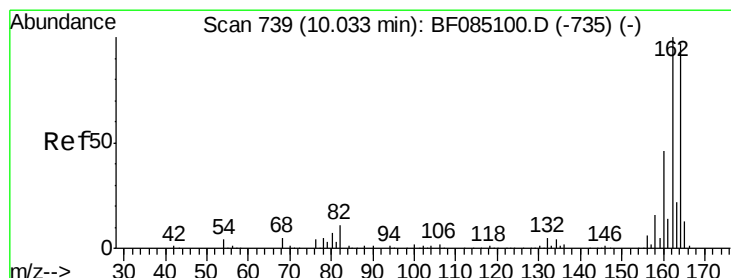
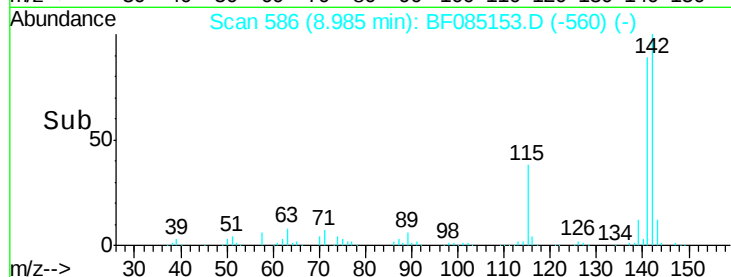
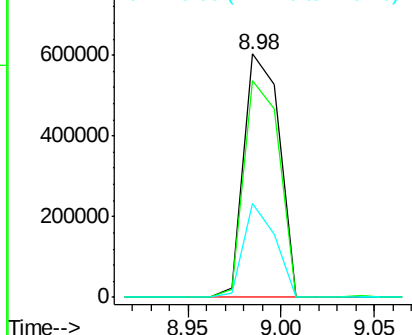
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	38.4	30.1	45.1

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3/3/2016 1:43:12 PM

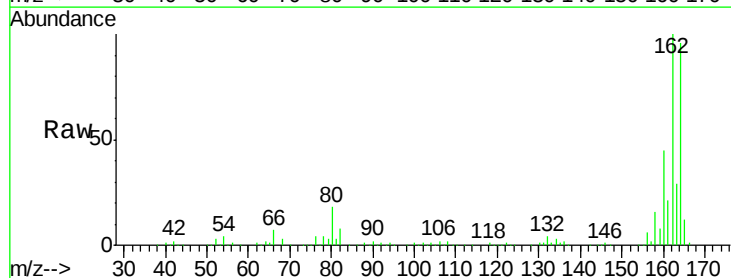


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

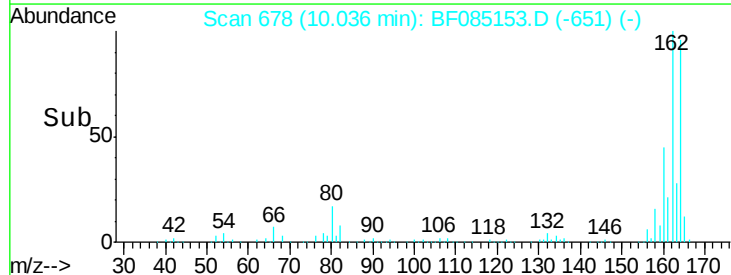
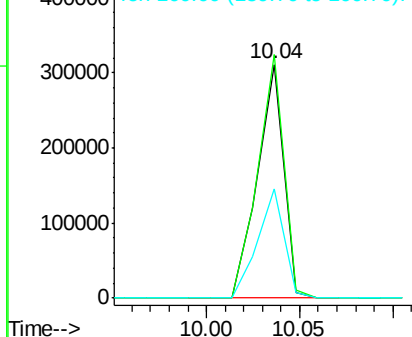


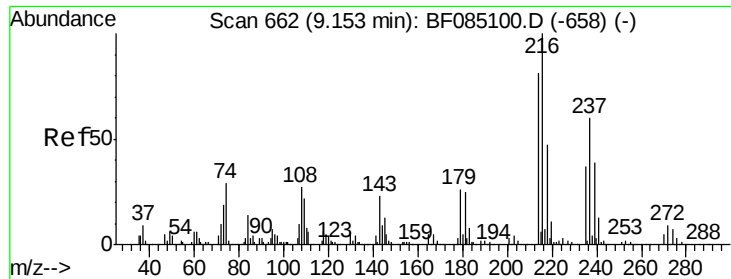
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	46.8	38.2	57.2



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





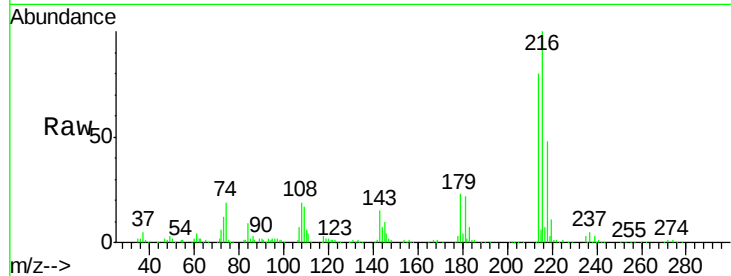
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.53 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

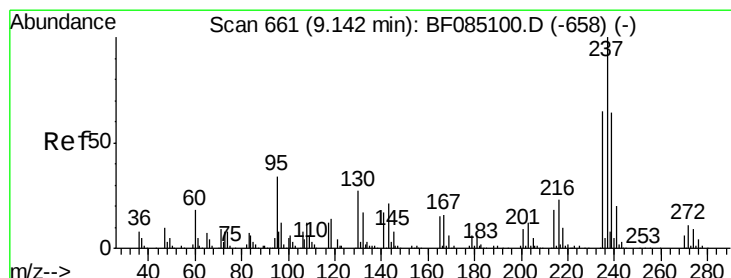
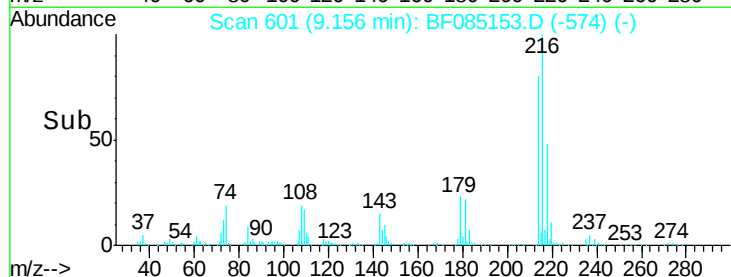
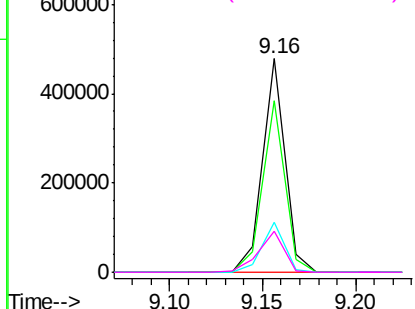
Tgt Ion:	216	Resp:	395442
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.7	95.5
179	23.2	18.1	27.1
108	21.5	17.1	25.7

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 3/3/2016 1:43:12 PM

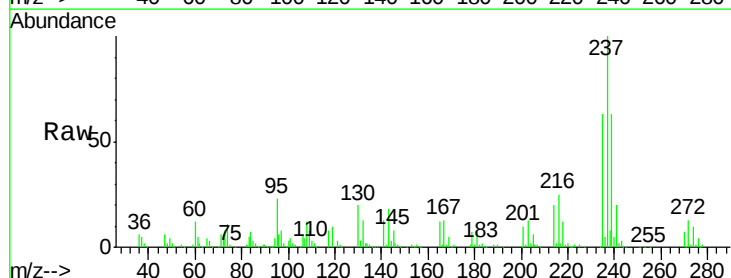


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

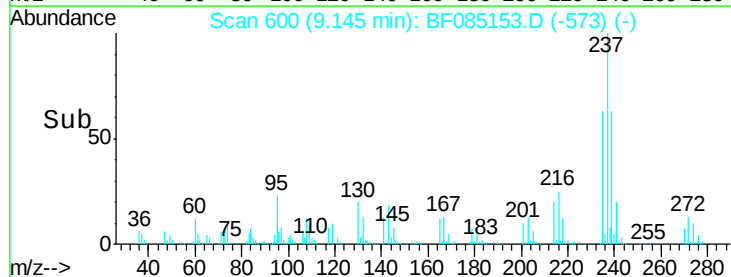
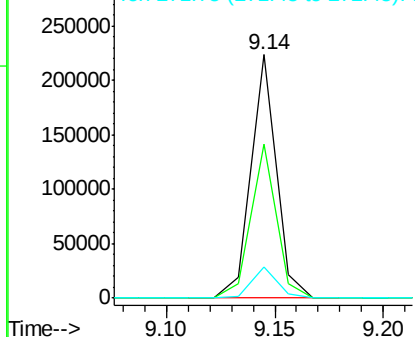


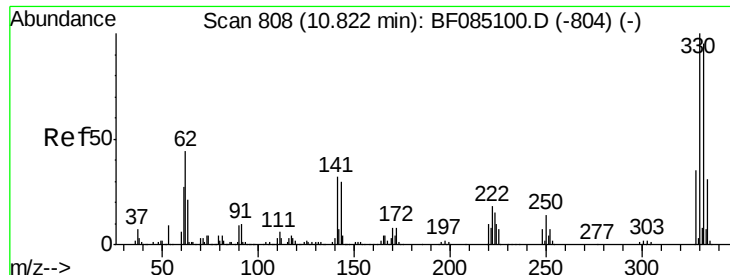
#40
 Hexachlorocyclopentadiene
 Concen: 34.39 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion:	237	Resp:	182081
Ion Ratio	Lower	Upper	
237	100		
235	63.2	45.3	85.3
272	12.8	0.0	31.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





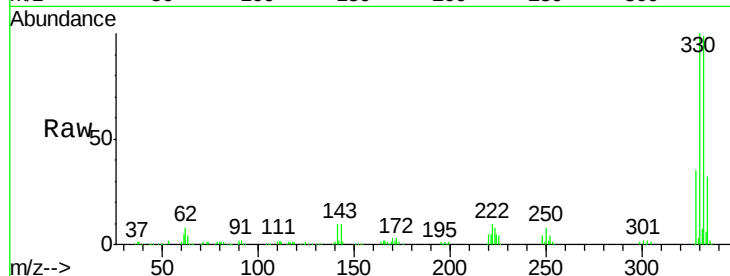
#41
 2,4,6-Tribromophenol
 Concen: 83.33 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

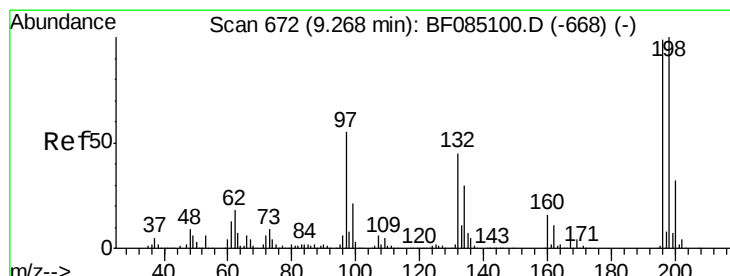
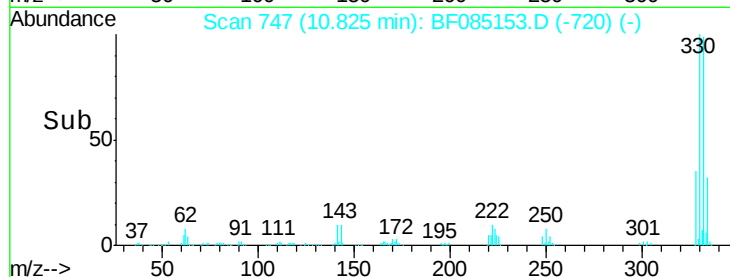
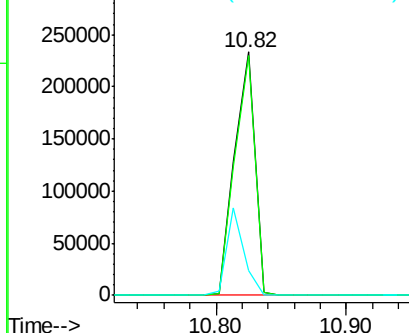
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	252849		
332	97.3	75.9	113.9	
141	30.6	28.9	43.3	

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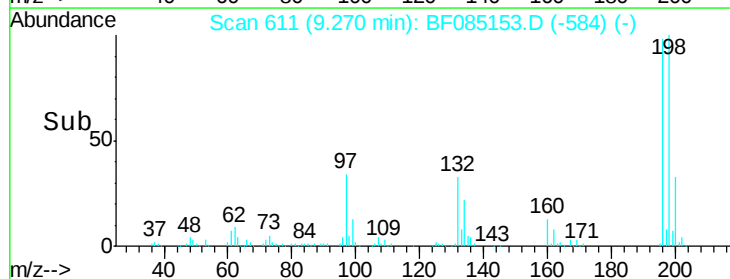
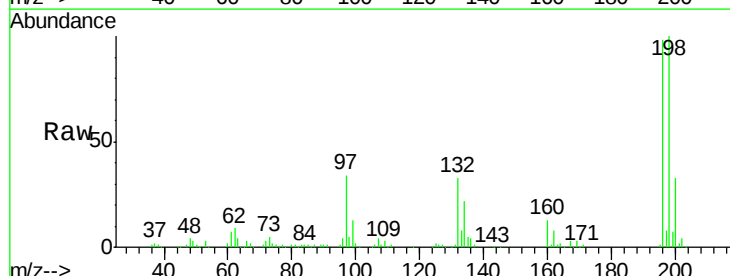
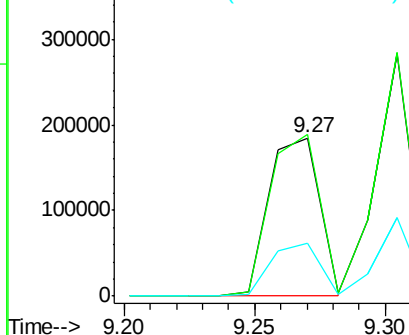
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

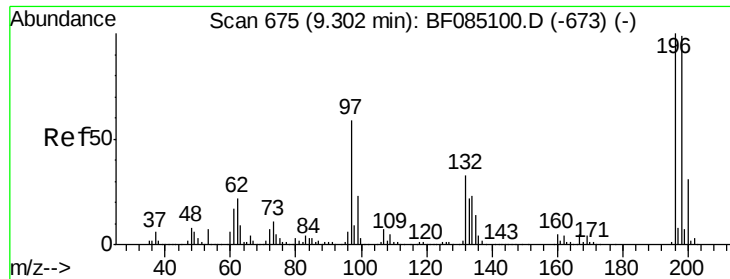


#42
 2,4,6-Trichlorophenol
 Concen: 39.91 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249825		
198	101.9	80.4	120.6	
200	33.4	25.8	38.8	

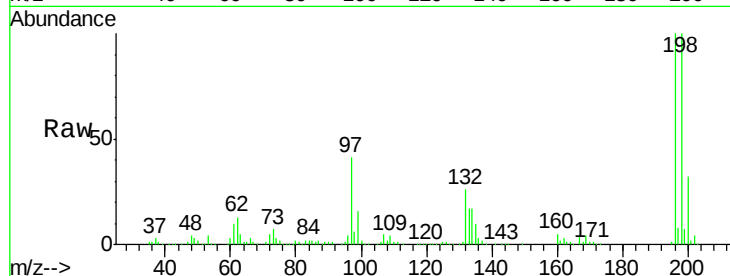
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.68 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

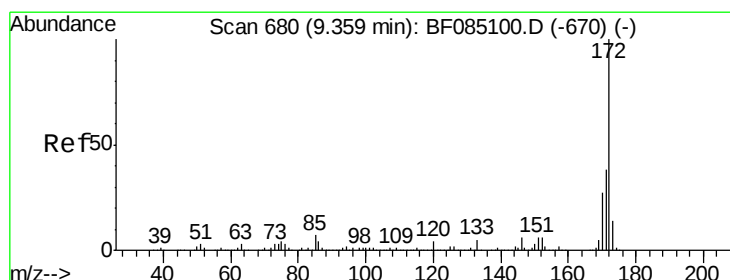
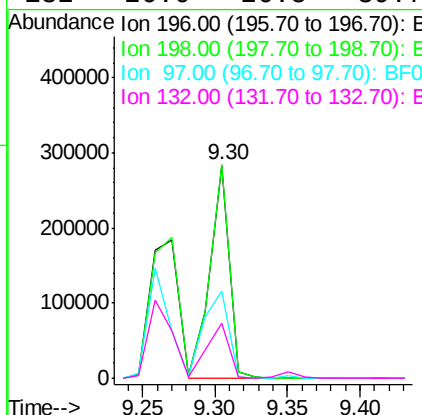
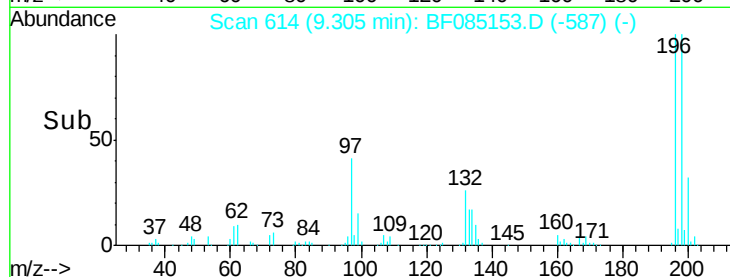
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262048		
198	100.4	79.5	119.3	
97	41.1	47.3	70.9	
132	26.0	26.5	39.7	

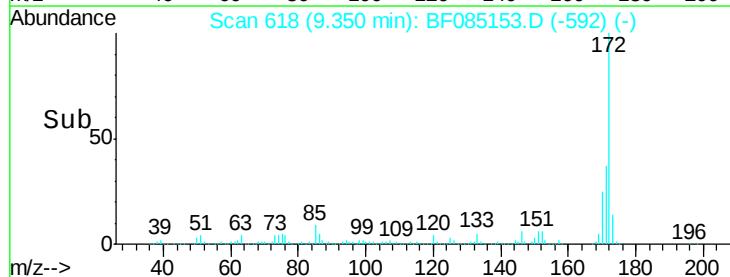
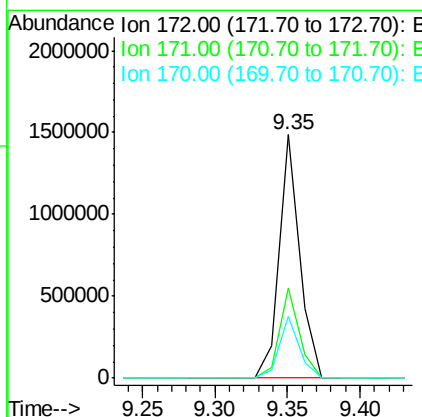
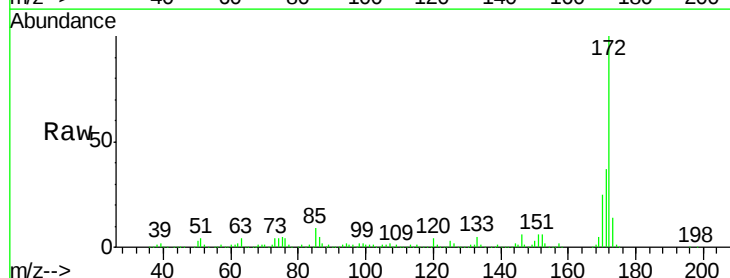
Manual Integrations
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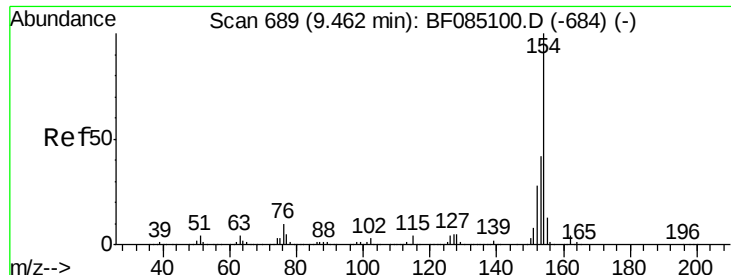
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#44
 2-Fluorobiphenyl
 Concen: 70.61 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1447538		
171	37.2	30.5	45.7	
170	25.4	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 39.34 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1054450

Ion Ratio Lower Upper

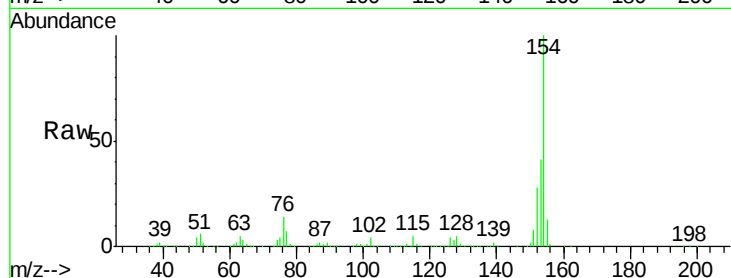
154 100

153 41.3 21.5 61.5

76 14.2 0.0 29.7

Manual Integrations
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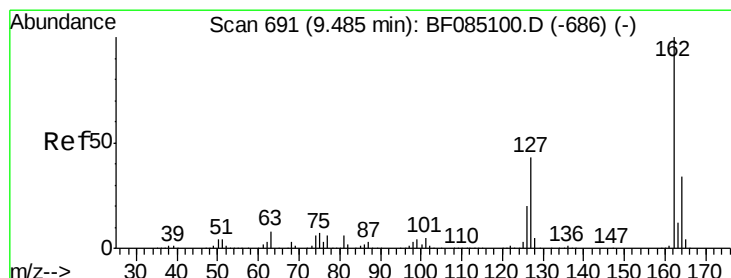
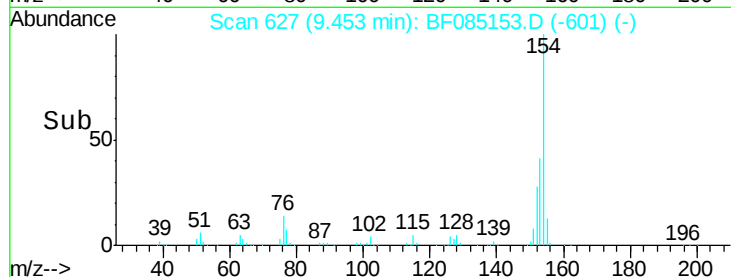
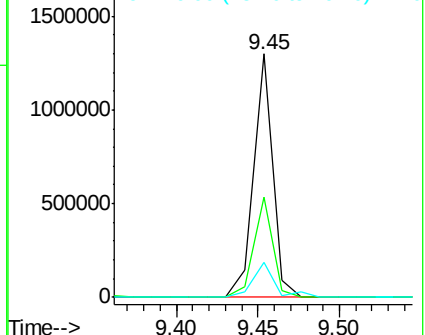
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.94 ng

RT: 9.48 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

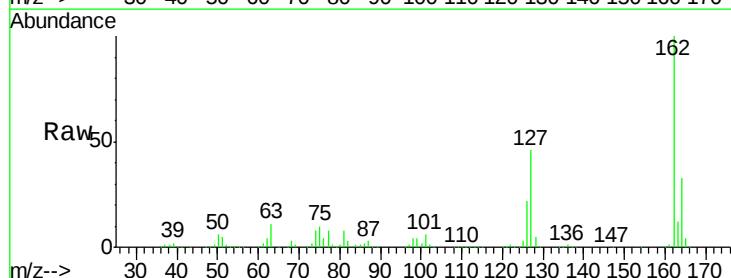
Tgt Ion:162 Resp: 741648

Ion Ratio Lower Upper

162 100

127 46.2 34.2 51.4

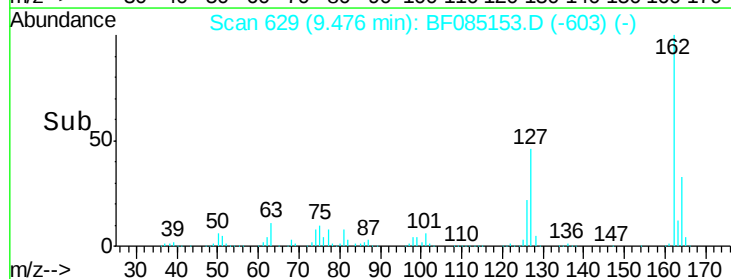
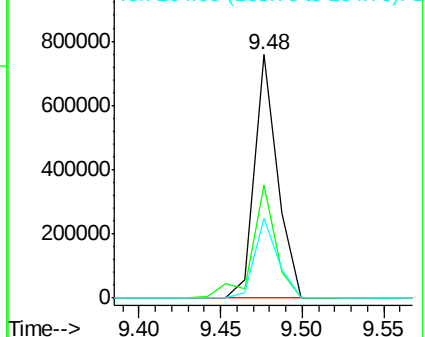
164 32.6 27.2 40.8

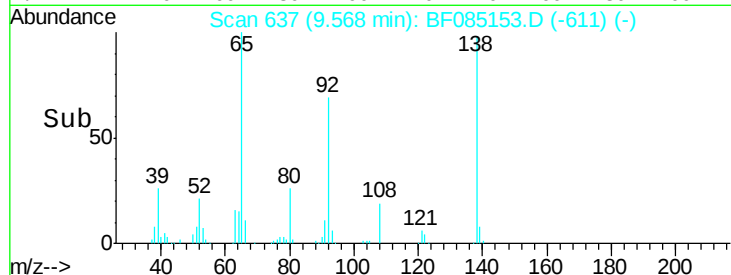
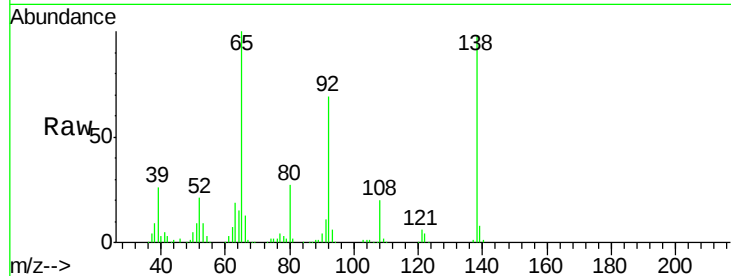
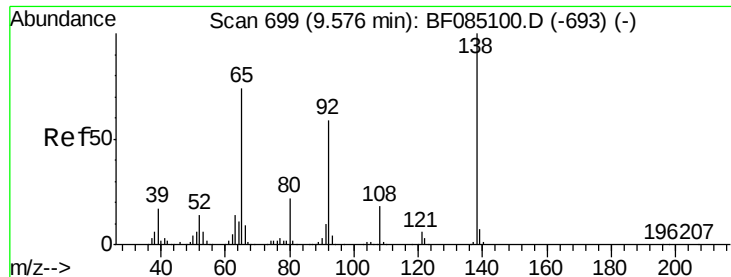


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





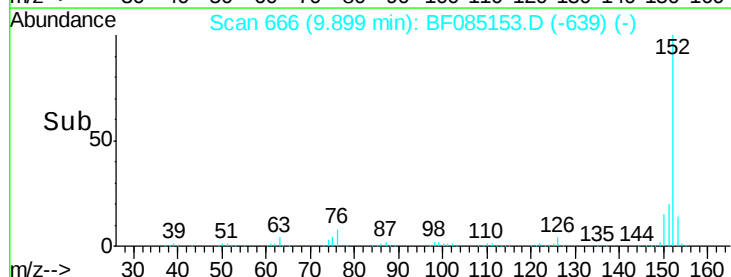
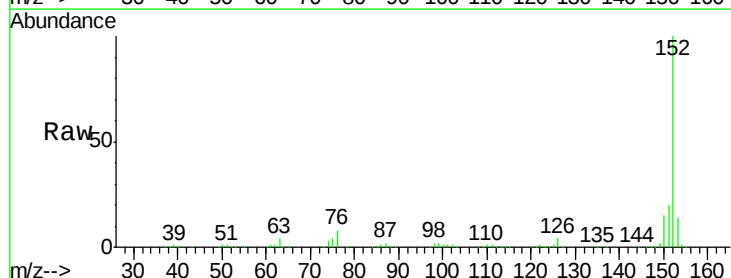
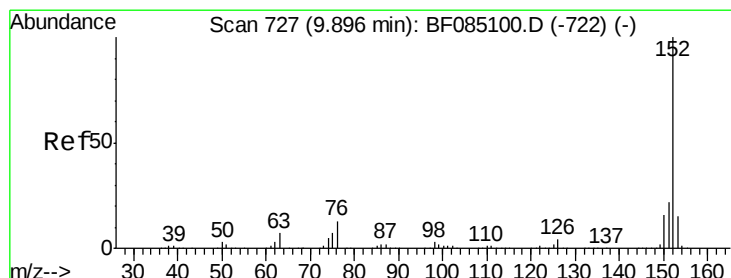
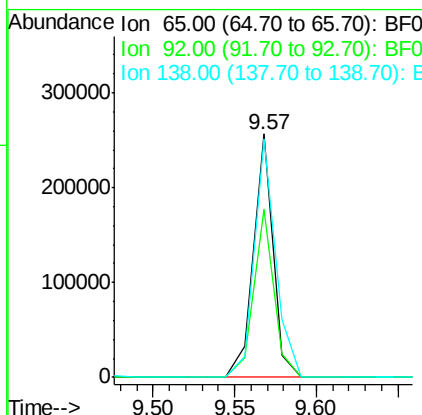
#47
2-Nitroaniline
Concen: 35.19 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	63.8	95.6
138	97.8	108.5	162.7#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

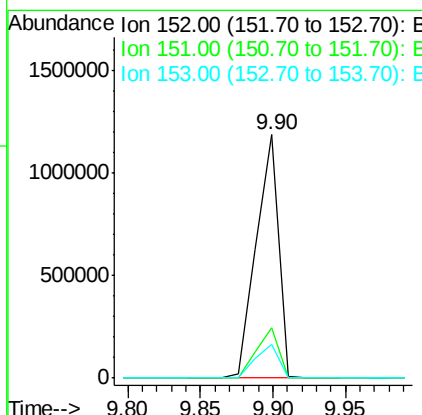
Manual Integrations
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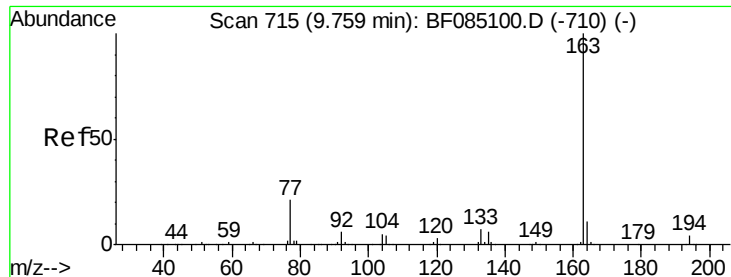
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#48
Acenaphthylene
Concen: 43.59 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.4	26.0
153	13.9	12.0	18.0





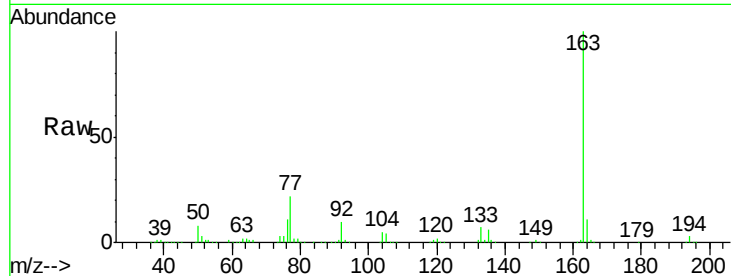
#49
Dimethylphthalate
Concen: 40.14 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

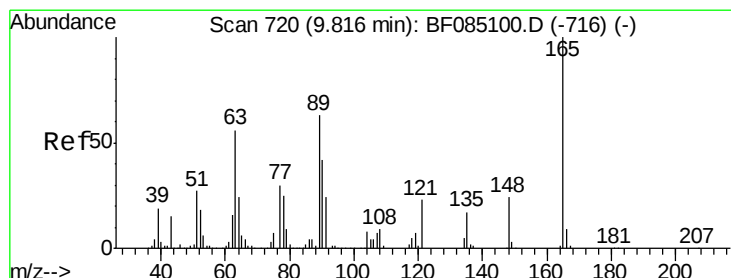
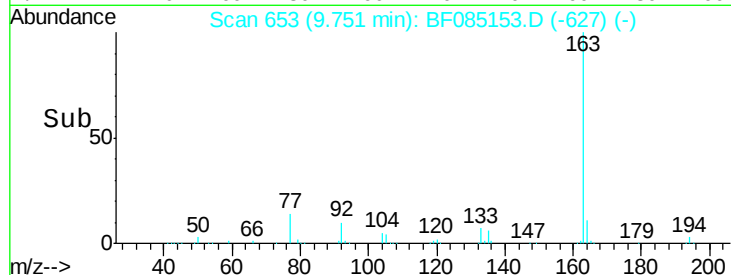
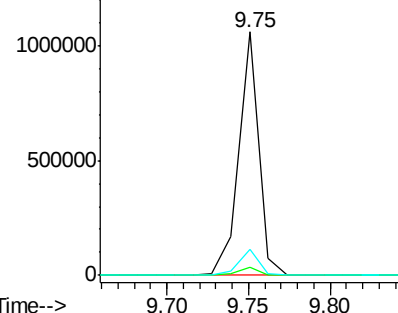
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.5	8.6	12.8

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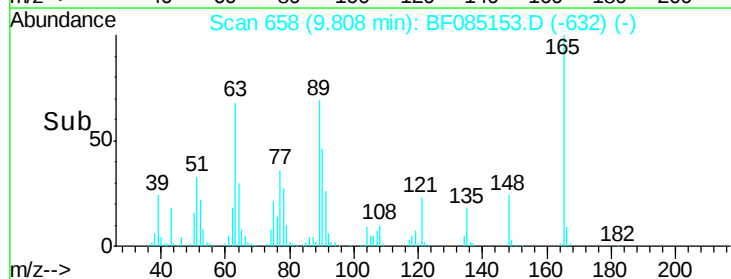
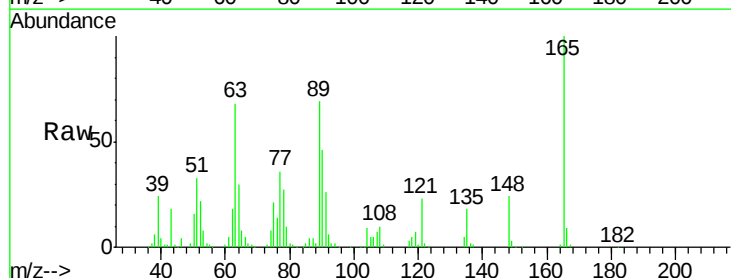
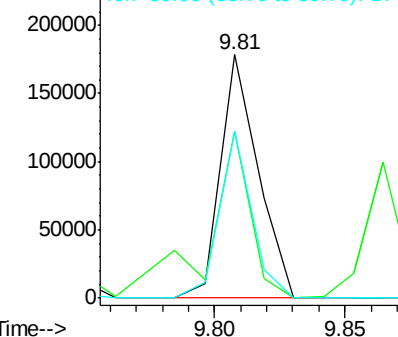
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

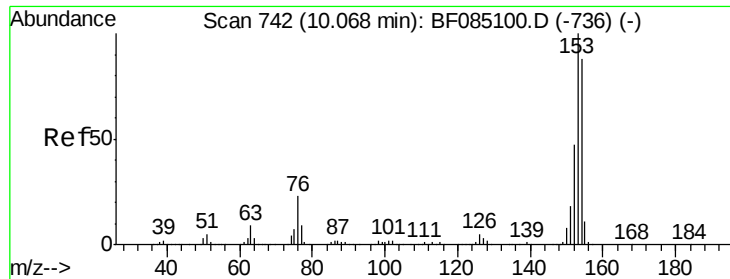


#50
2,6-Dinitrotoluene
Concen: 38.81 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.4	47.4	71.2
89	68.7	50.2	75.2

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: 43.31 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085153.D

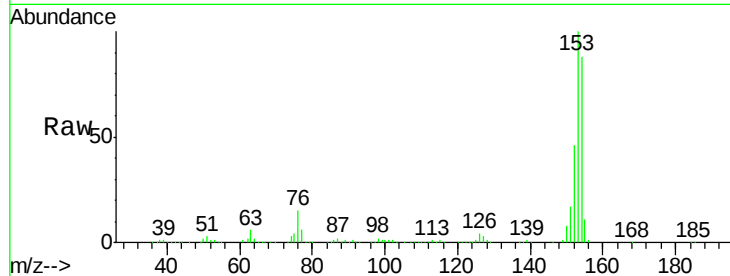
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

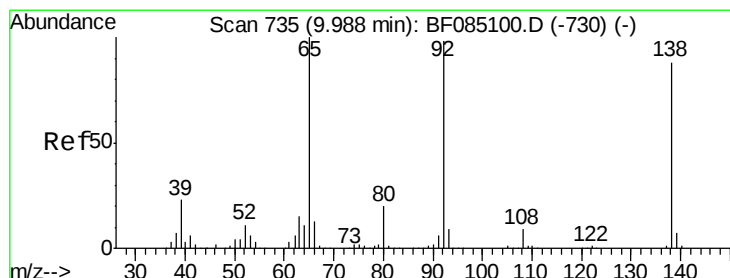
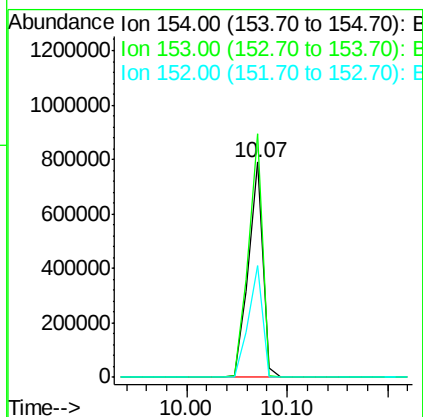
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.1	91.0	136.6	
152	52.2	43.0	64.6	

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#52

3-Nitroaniline

Concen: 37.89 ng

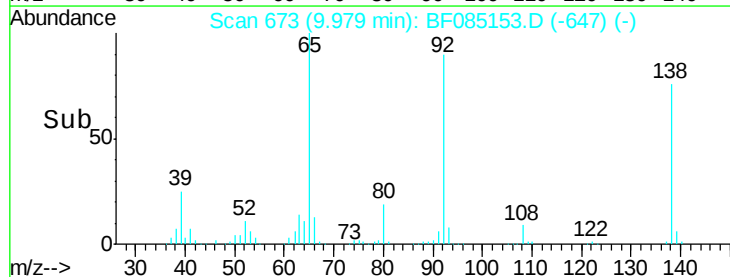
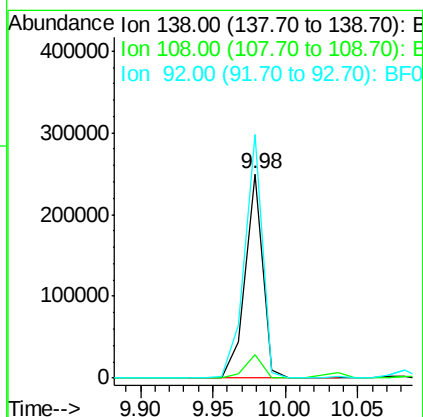
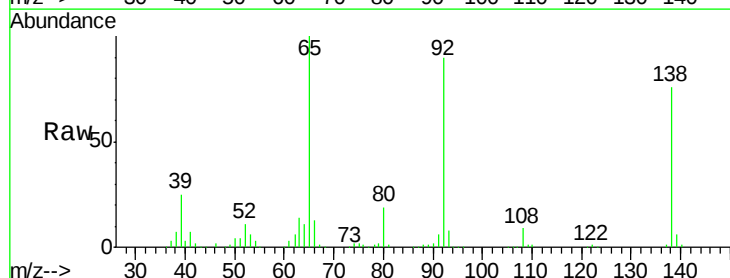
RT: 9.98 min Scan# 673

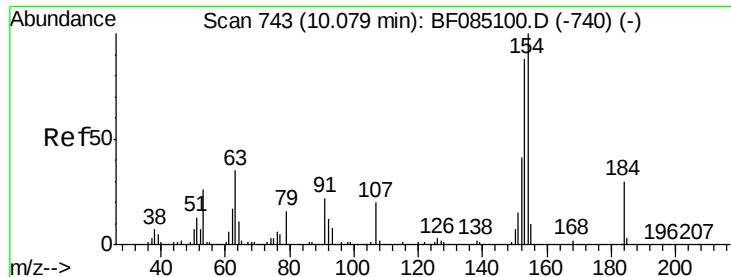
Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.3	8.2	12.2	
92	119.4	89.0	133.6	





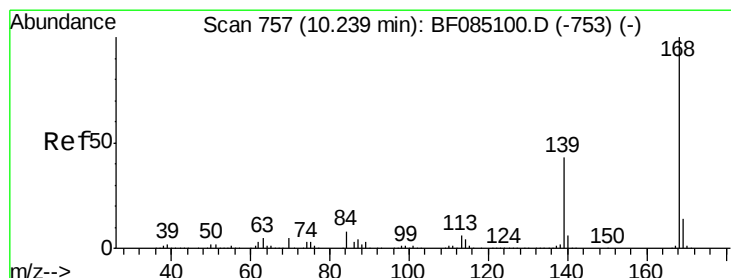
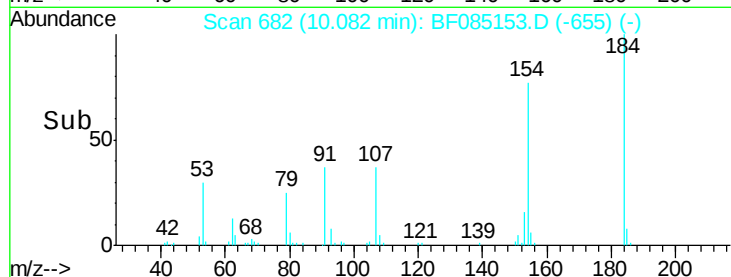
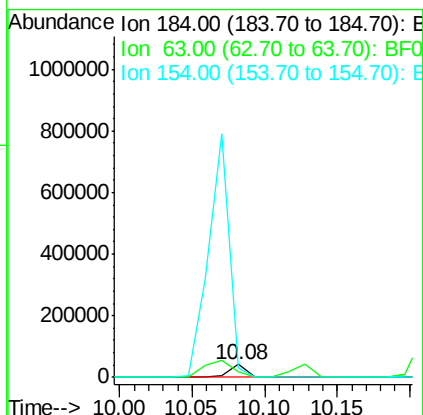
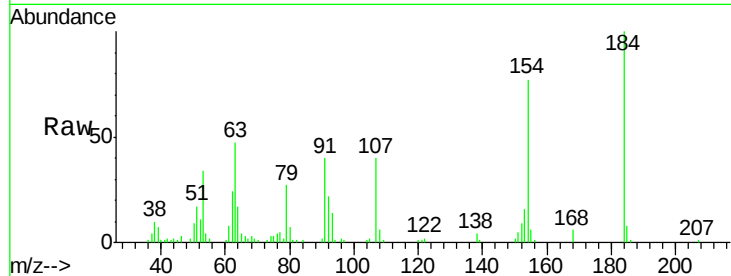
#53
2,4-Dinitrophenol
Concen: 29.46 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 34734
Ion Ratio Lower Upper
184 100
63 47.0 94.0 141.0#
154 76.7 269.8 404.8#

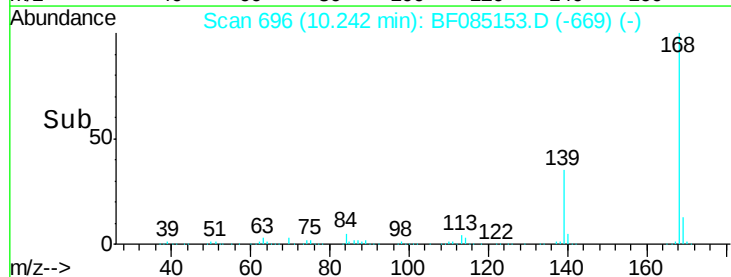
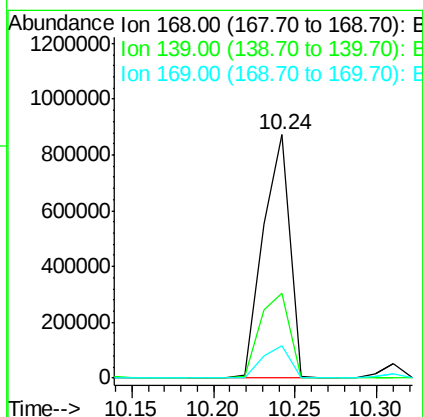
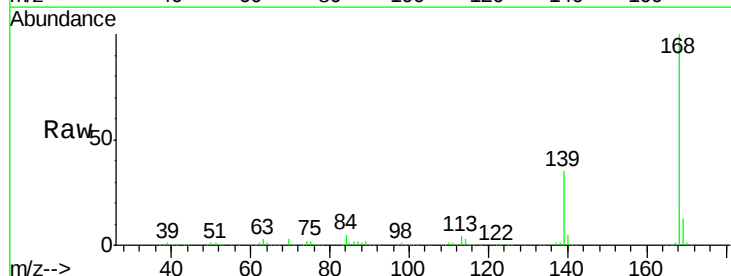
Manual Integrations
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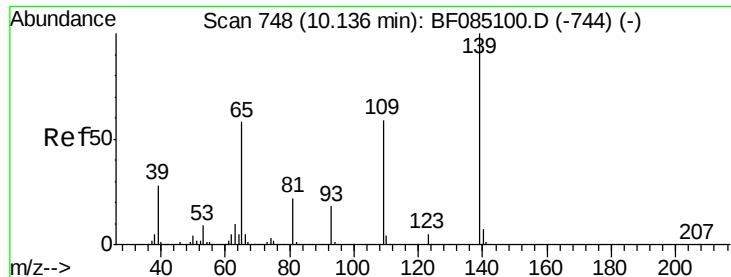
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#54
Dibenzofuran
Concen: 41.72 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion:168 Resp: 987868
Ion Ratio Lower Upper
168 100
139 34.8 34.2 51.2
169 13.3 11.4 17.2





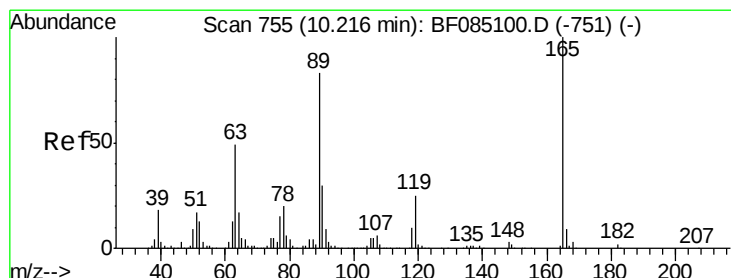
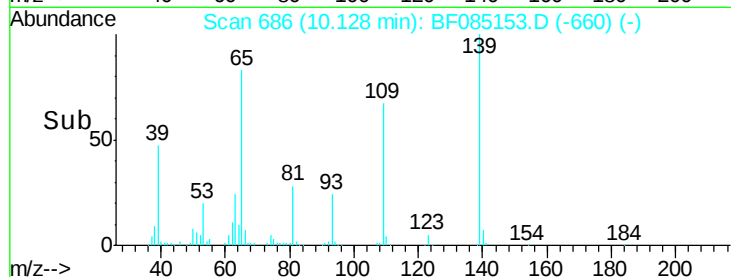
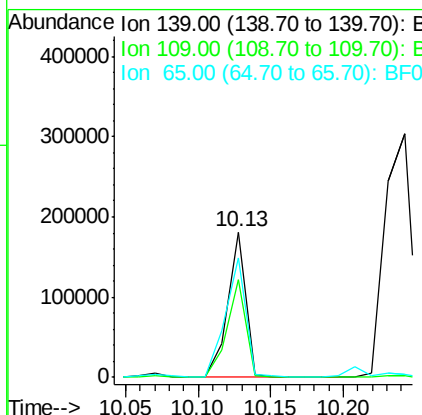
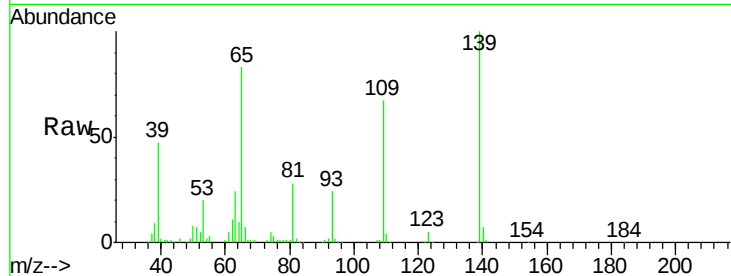
#55
4-Nitrophenol
Concen: 37.31 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	66.9	39.5	79.5
65	82.6	38.4	78.4

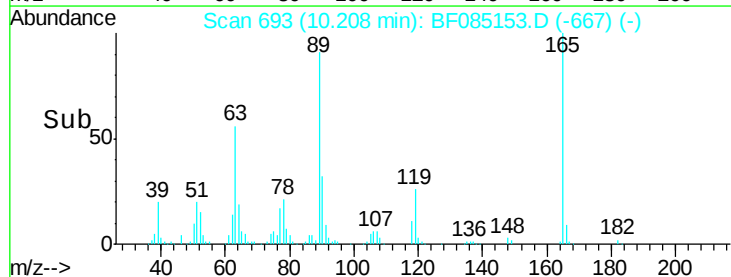
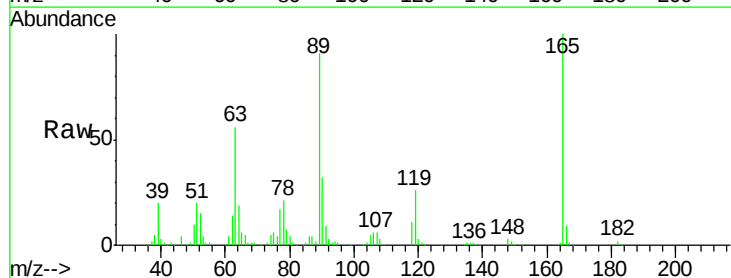
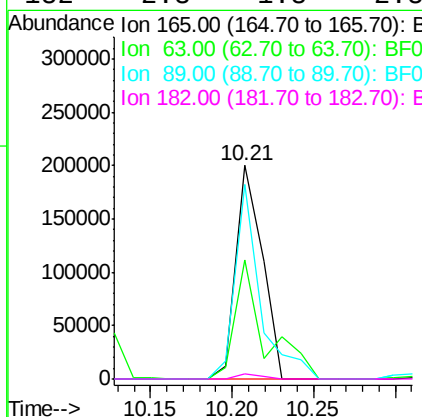
Manual Integrations
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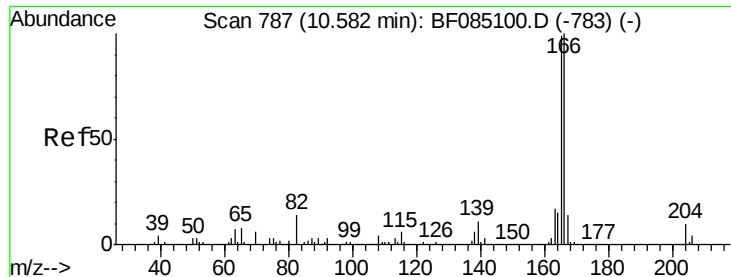
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#56
2,4-Dinitrotoluene
Concen: 35.41 ng
RT: 10.21 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	55.9	39.2	58.8
89	91.3	66.2	99.4
182	2.3	1.8	2.8





#57

Fluorene

Concen: 42.99 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

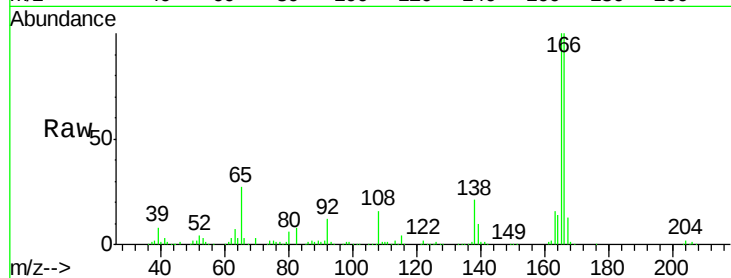
ClientSampleId :

SSTDCCC040EC

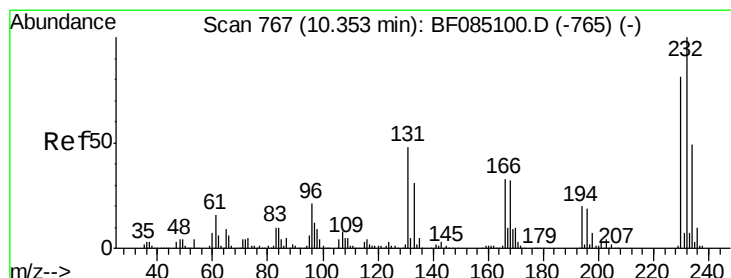
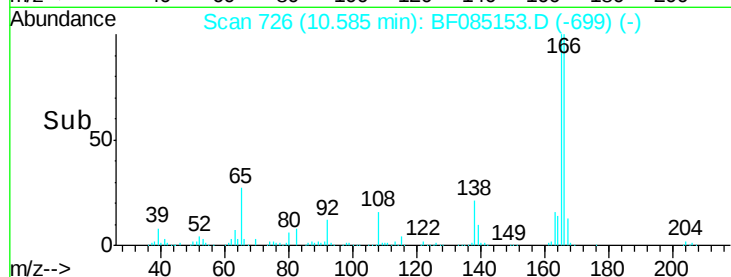
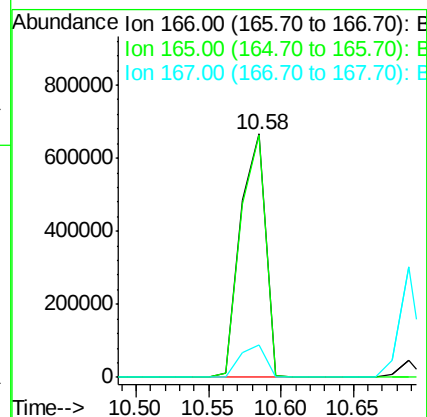
Manual Integrations
APPROVED

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.3	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.43 ng

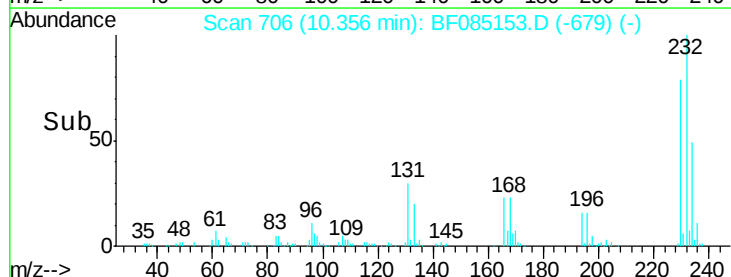
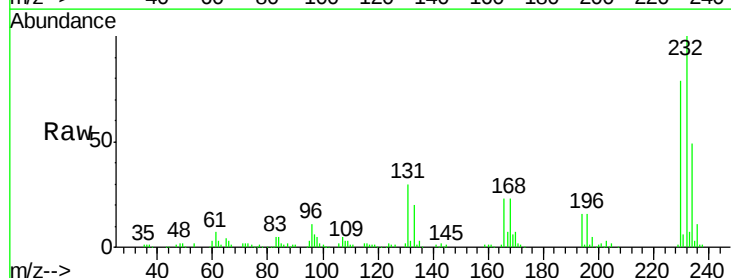
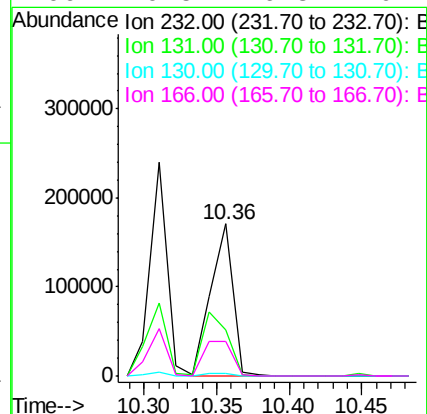
RT: 10.36 min Scan# 706

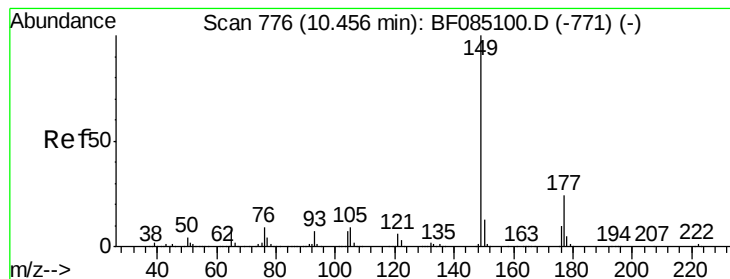
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.0	41.6	62.4
130	2.3	2.1	3.1
166	29.5	26.8	40.2





#59

Diethylphthalate

Concen: 39.14 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085153.D

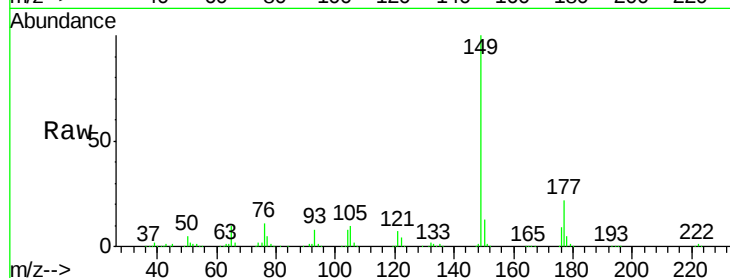
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

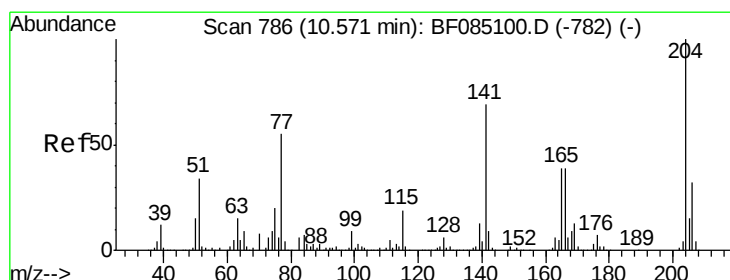
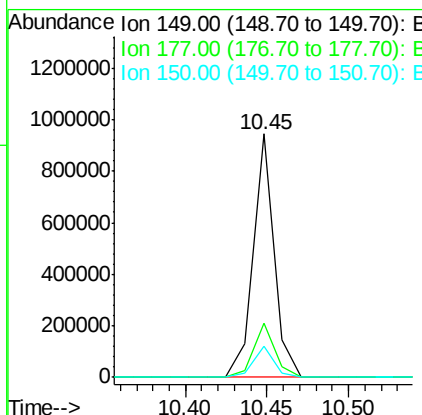
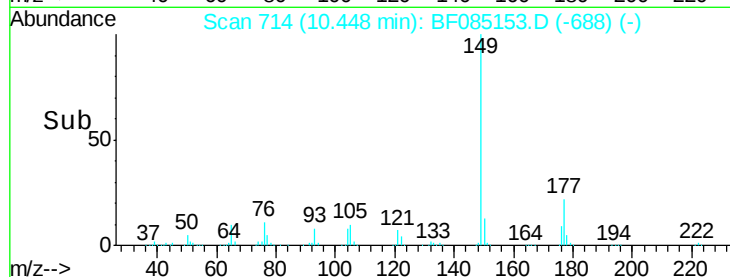
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	839820		
177	22.4	19.4	29.2	
150	13.0	10.1	15.1	

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#60

4-Chlorophenyl-phenylether

Concen: 44.45 ng

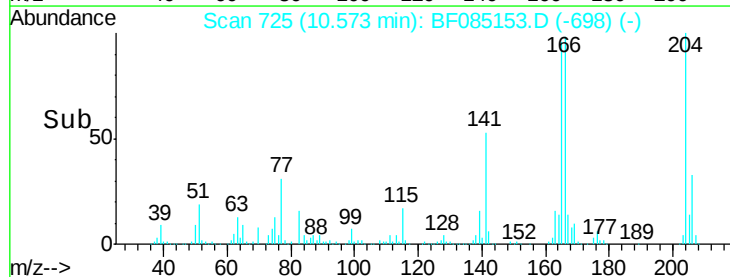
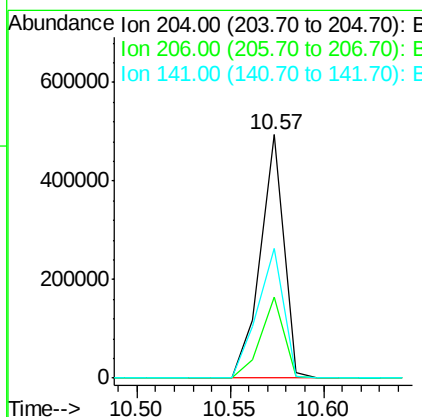
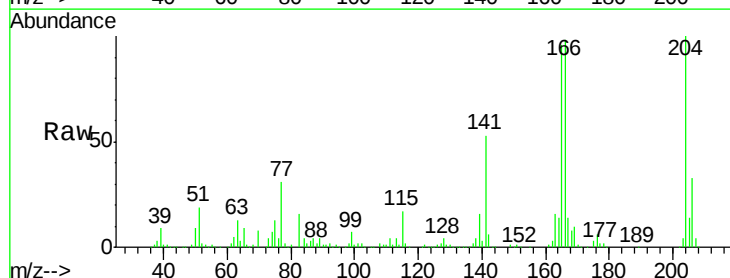
RT: 10.57 min Scan# 725

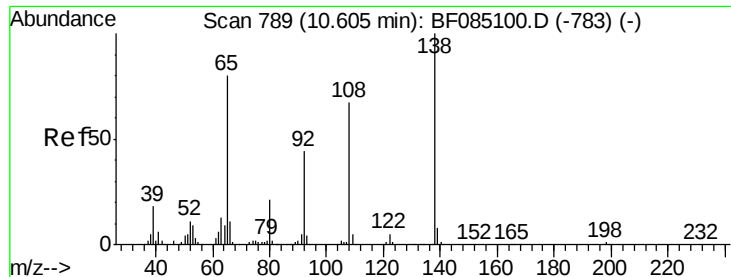
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	426625		
206	33.1	25.7	38.5	
141	53.0	55.3	82.9	





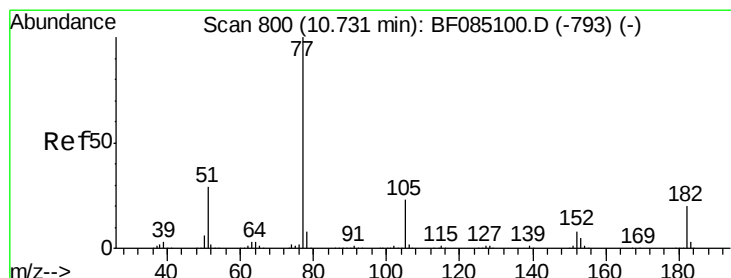
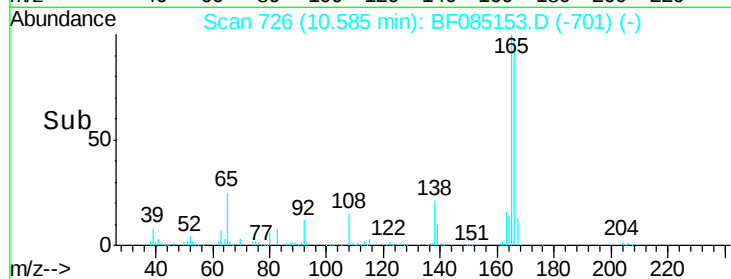
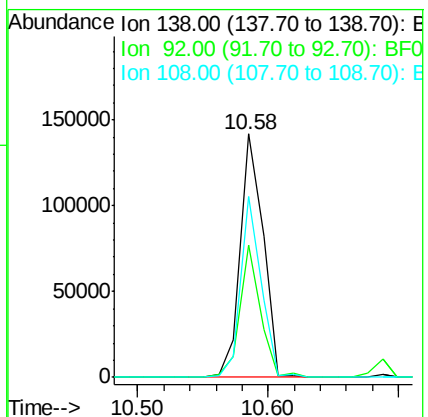
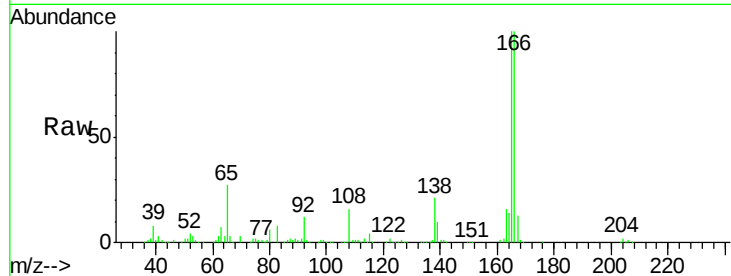
#61
4-Nitroaniline
Concen: 33.14 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	171288		
92	54.5	23.5	63.5	
108	74.5	46.8	86.8	

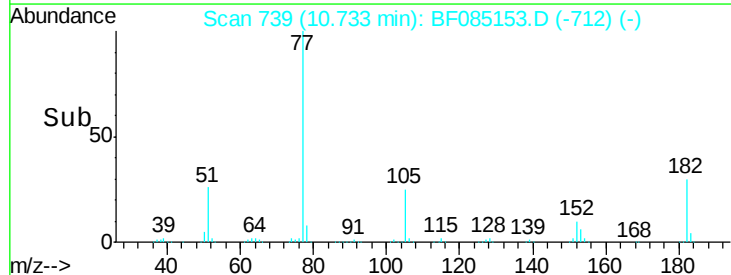
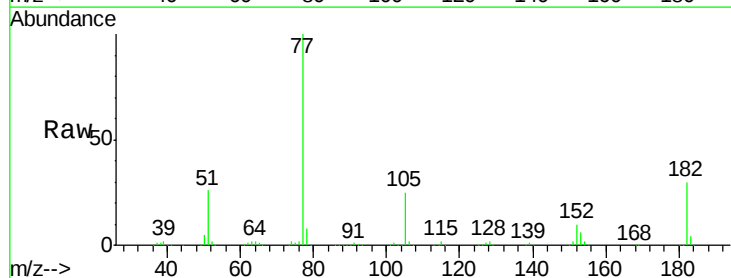
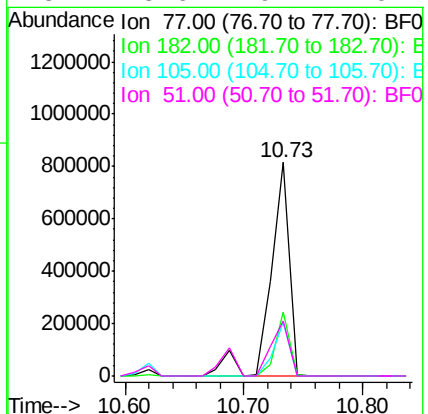
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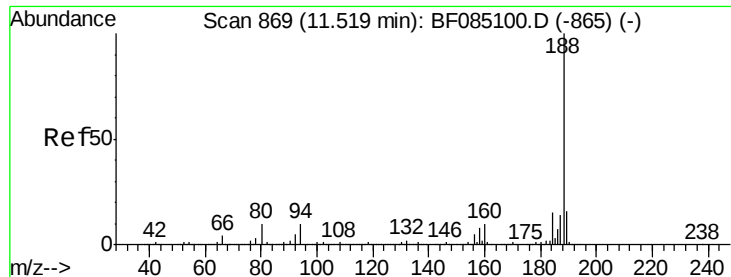
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3/3/2016 1:43:12 PM



#62
Azobenzene
Concen: 41.66 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	903033		
182	30.1	0.0	39.8	
105	25.4	2.7	42.7	
51	25.6	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

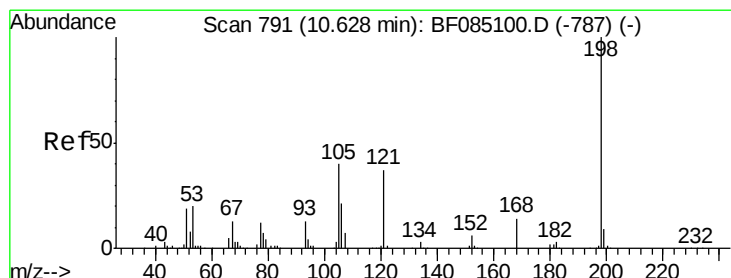
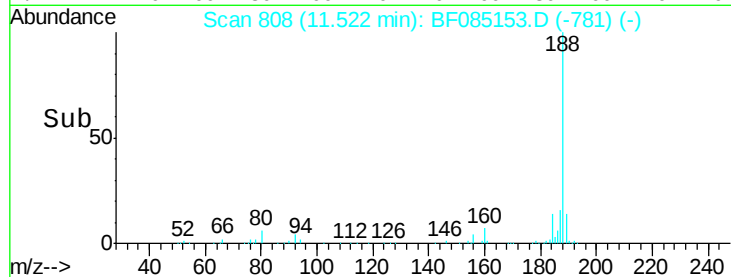
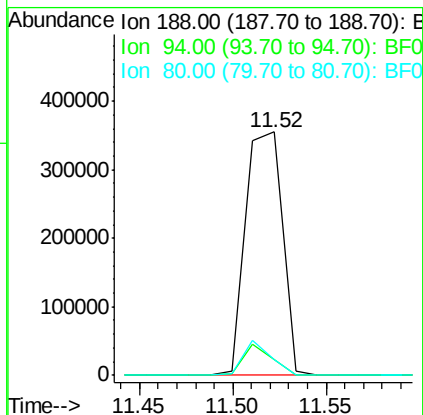
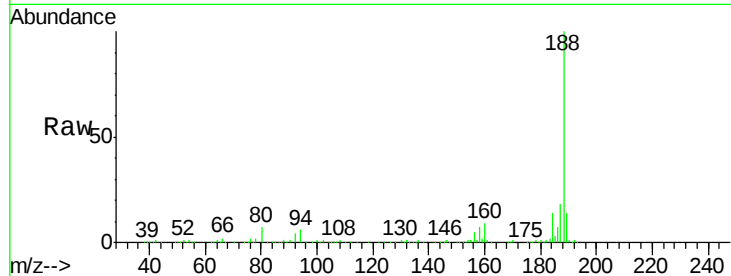
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	487651
Ion Ratio	Lower	Upper	
188	100		
94	6.4	7.8	11.6#
80	6.6	8.2	12.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 31.51 ng

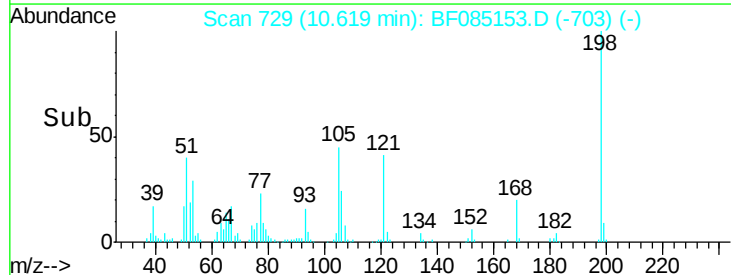
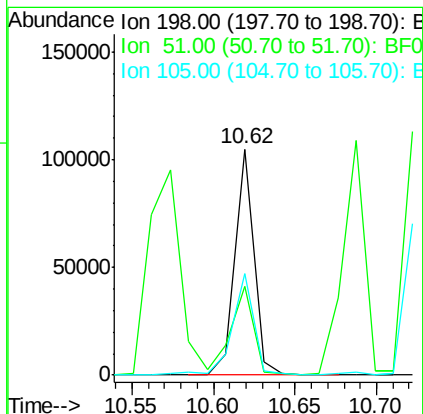
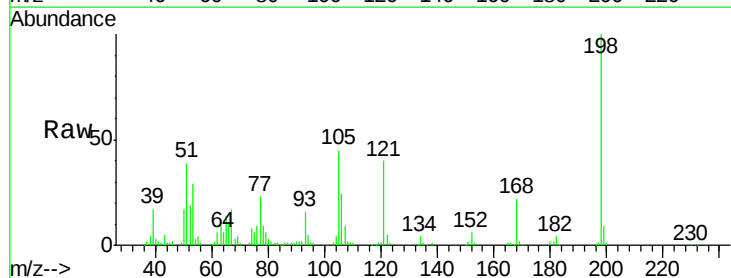
RT: 10.62 min Scan# 729

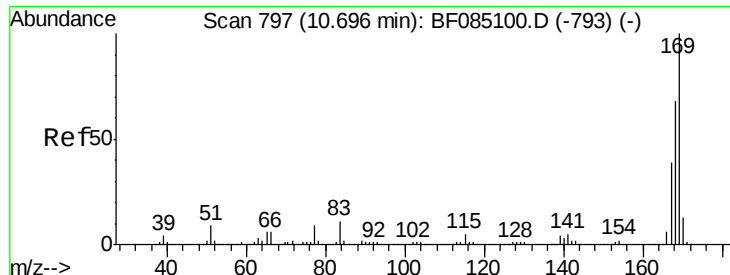
Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	198	Resp:	83824
Ion Ratio	Lower	Upper	
198	100		
51	39.3	12.5	52.5
105	44.7	20.2	60.2





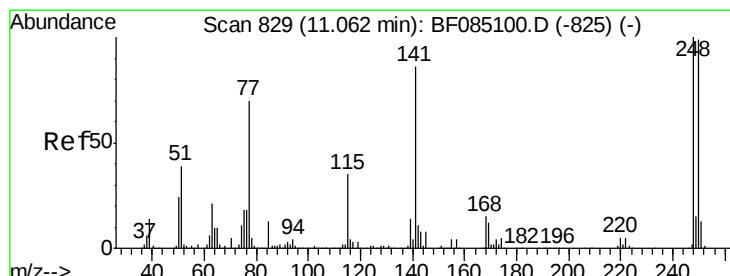
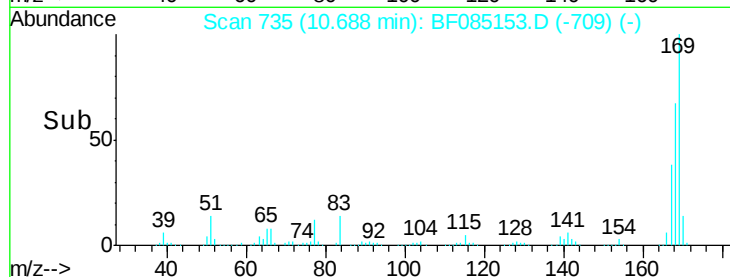
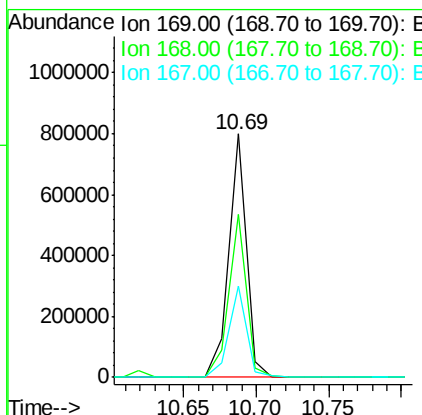
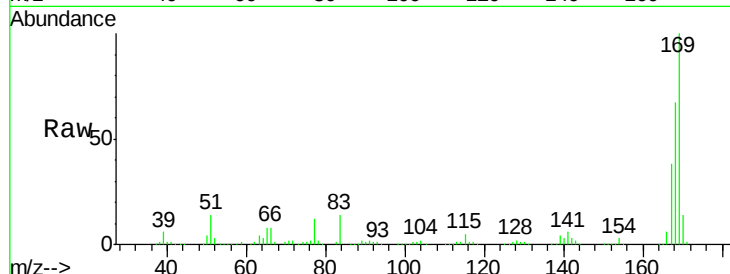
#65
 n-Nitrosodiphenylamine
 Concen: 43.87 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	674291		
168	67.1	54.6	81.8	
167	37.8	30.8	46.2	

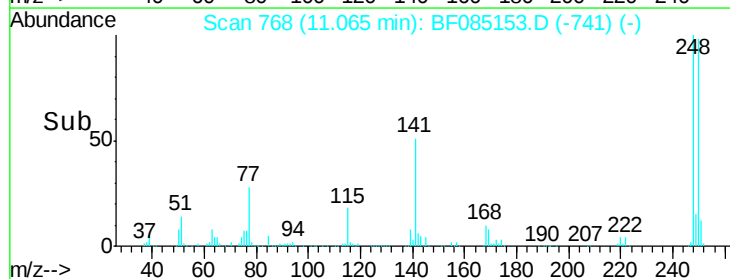
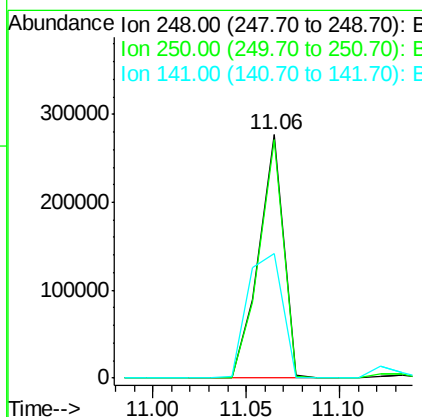
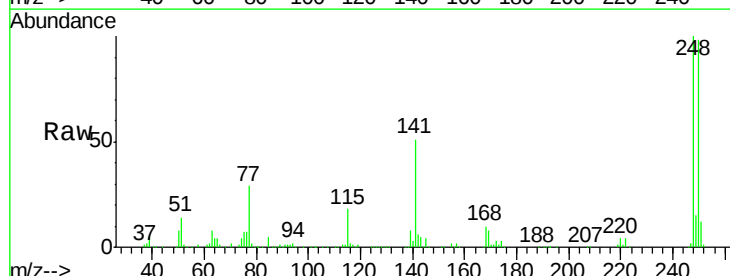
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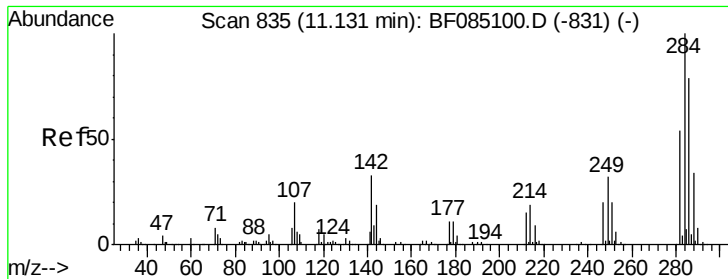
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#66
 4-Bromophenyl-phenylether
 Concen: 49.46 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253266		
250	98.2	79.0	118.4	
141	51.2	68.6	103.0	





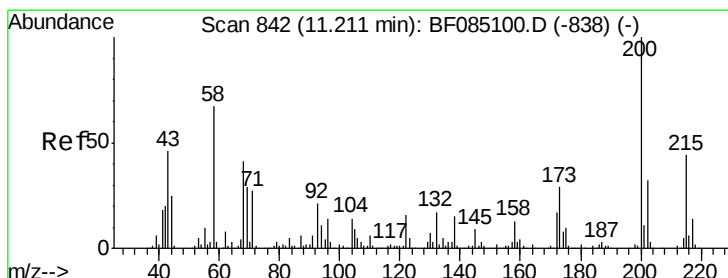
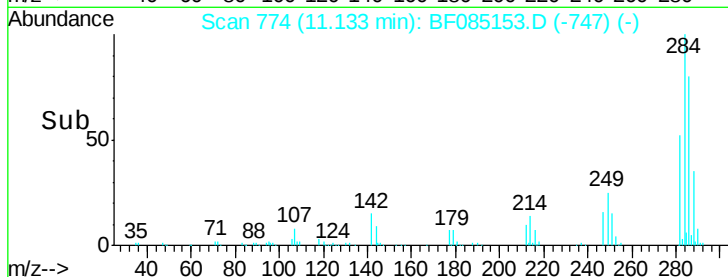
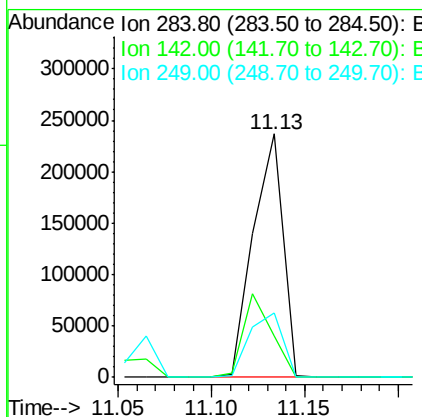
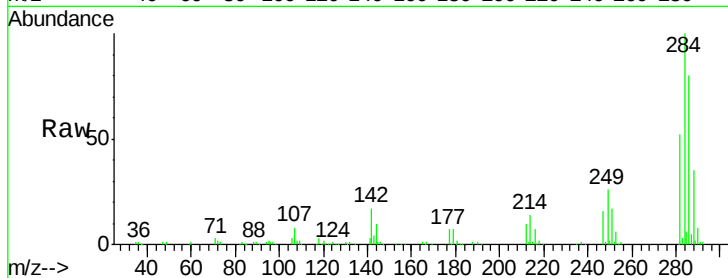
#67
Hexachlorobenzene
Concen: 45.16 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	261038		
142	17.1	26.3	39.5#	
249	26.4	25.8	38.6	

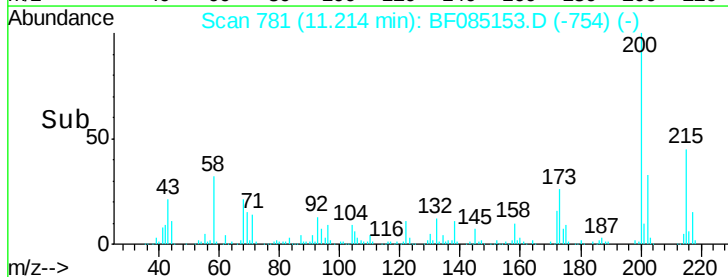
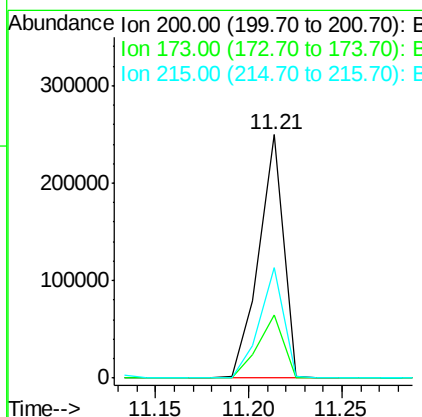
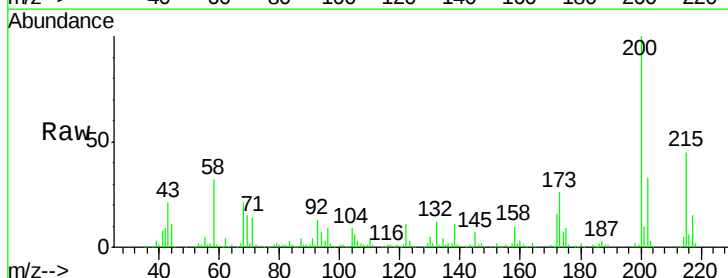
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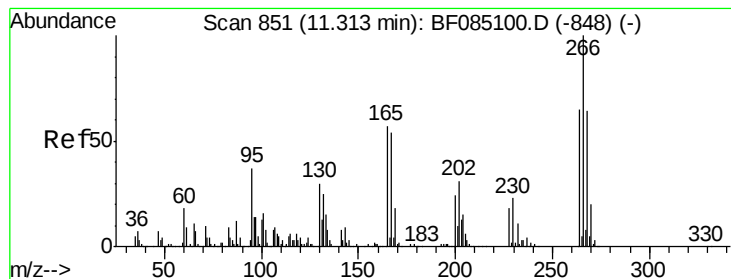
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#68
Atrazine
Concen: 48.70 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228352		
173	25.9	9.4	49.4	
215	45.4	23.6	63.6	





#69

Pentachlorophenol

Concen: 39.20 ng

RT: 11.32 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

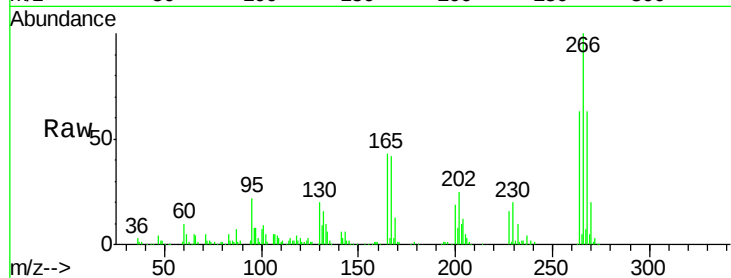
ClientSampleId :

SSTDCCC040EC

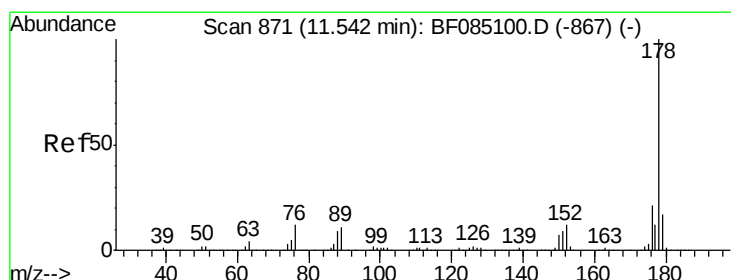
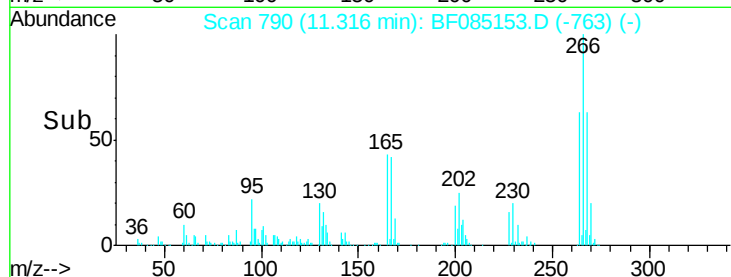
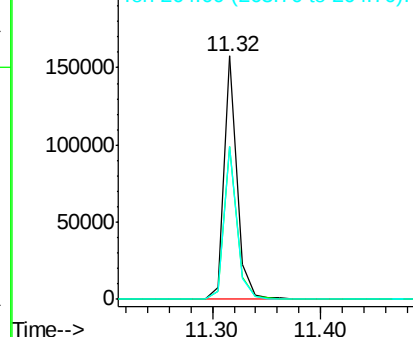
Tgt Ion:	266	Resp:	132949
Ion Ratio		Lower	Upper
266	100		
268	62.8	51.0	76.6
264	62.5	52.3	78.5

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



#70

Phenanthrene

Concen: 46.30 ng

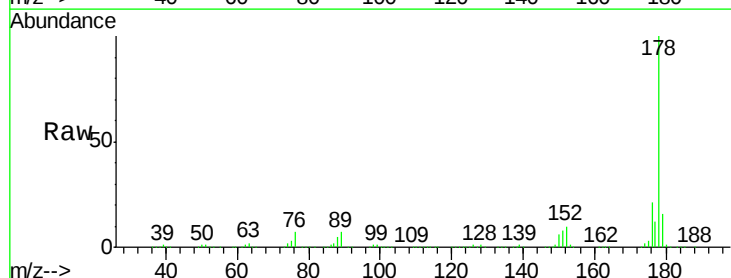
RT: 11.54 min Scan# 810

Delta R.T. 0.00 min

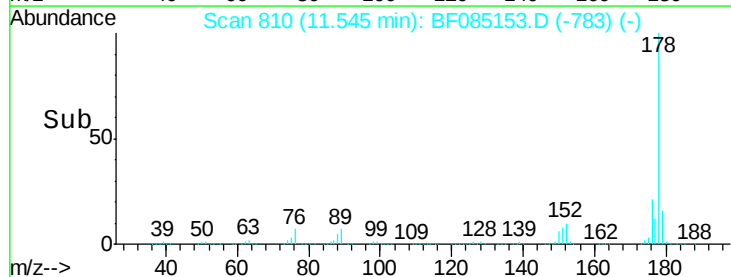
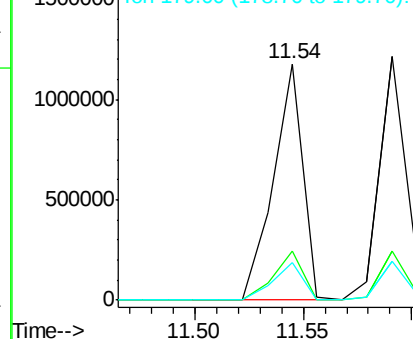
Lab File: BF085153.D

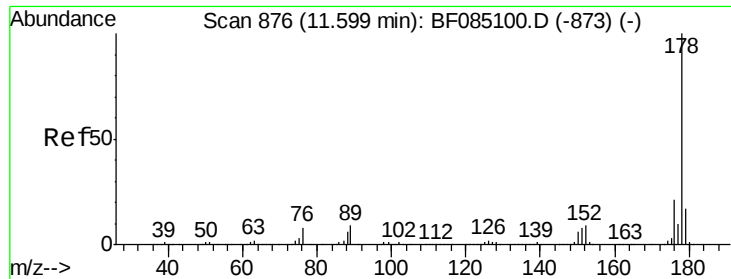
Acq: 3 Mar 2016 6:58

Tgt Ion:	178	Resp:	1123228
Ion Ratio		Lower	Upper
178	100		
176	20.5	17.0	25.6
179	15.7	13.3	19.9



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





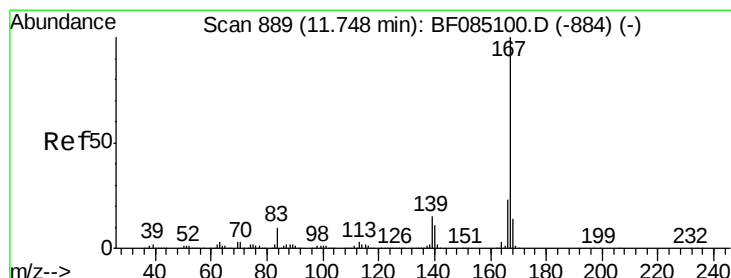
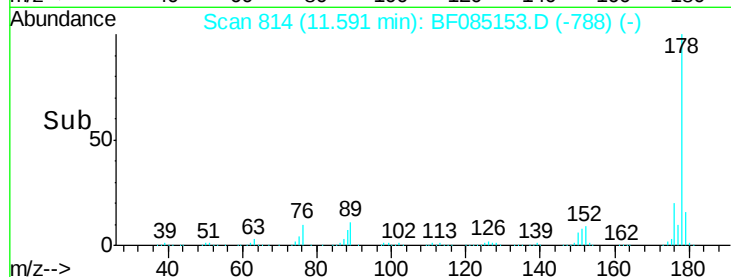
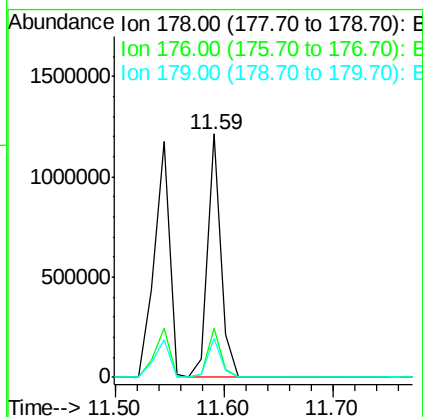
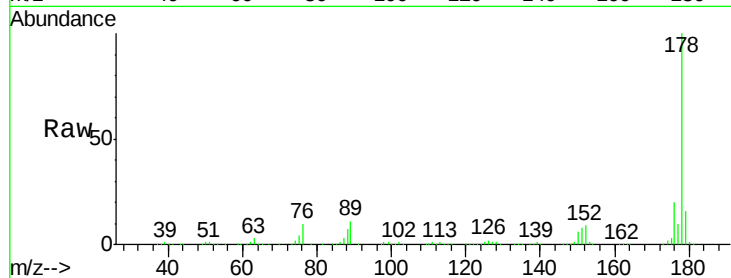
#71
 Anthracene
 Concen: 38.42 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1046684
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 16.0 13.2 19.8

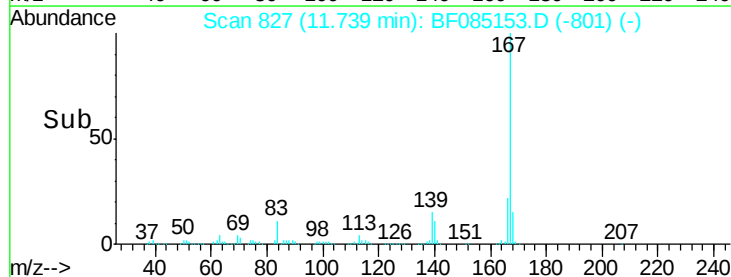
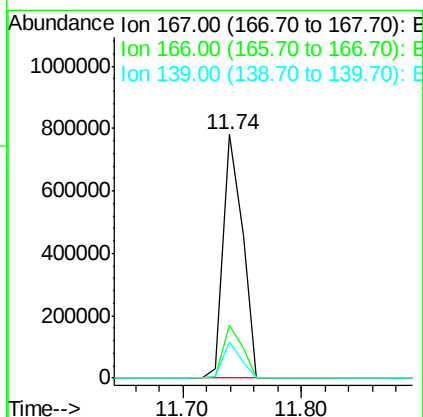
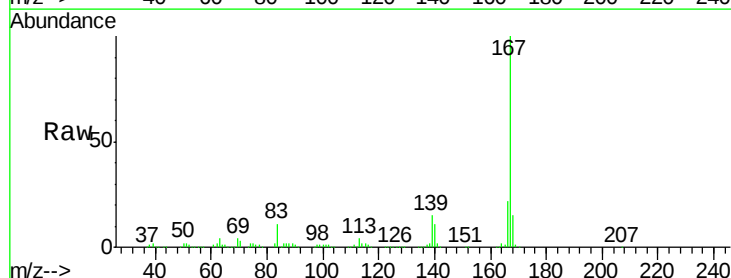
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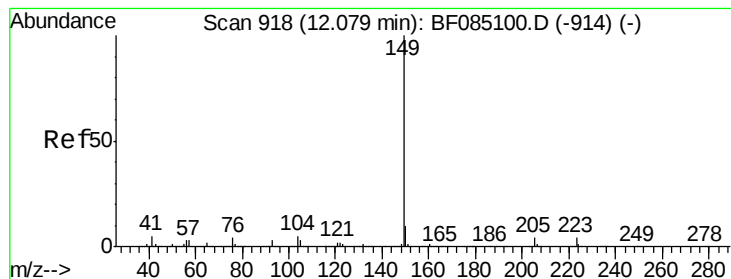
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#72
 Carbazole
 Concen: 36.95 ng
 RT: 11.74 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion:167 Resp: 875928
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.6 28.0
 139 14.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.28 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

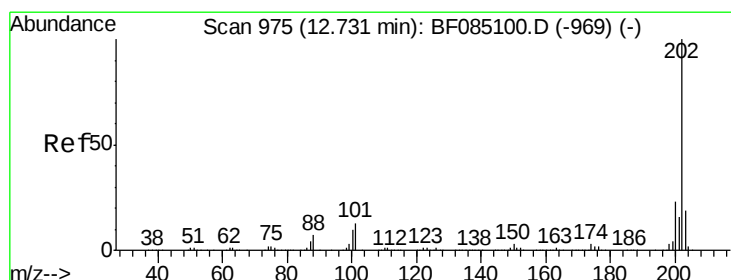
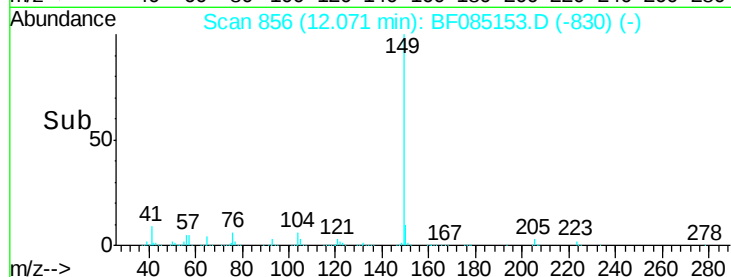
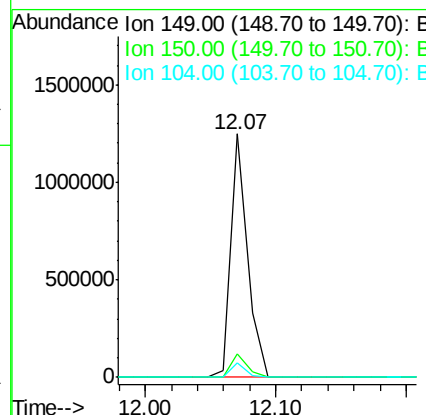
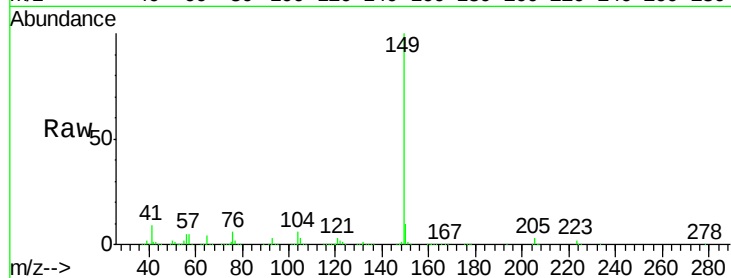
SSTDCCC040EC

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Tgt Ion:	149	Resp:	1108358
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	3.7	5.5#



#74

Fluoranthene

Concen: 35.93 ng

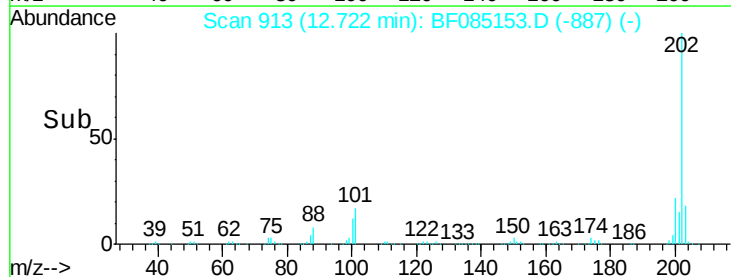
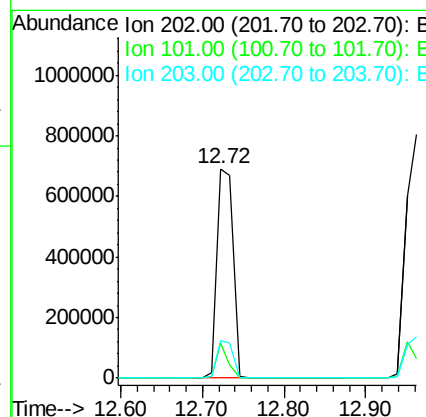
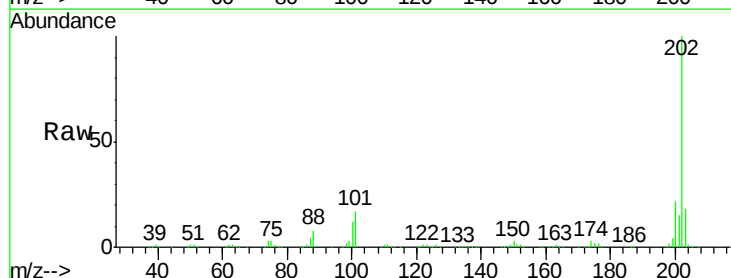
RT: 12.72 min Scan# 913

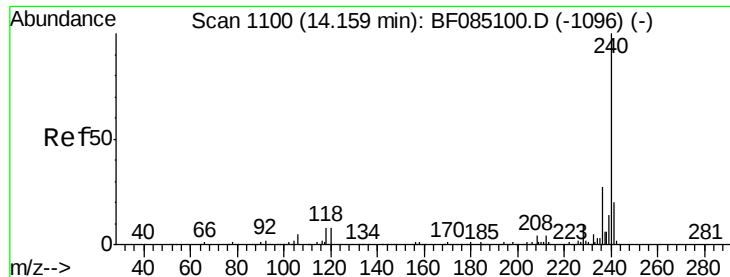
Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	202	Resp:	956410
Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.2
203	17.9	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

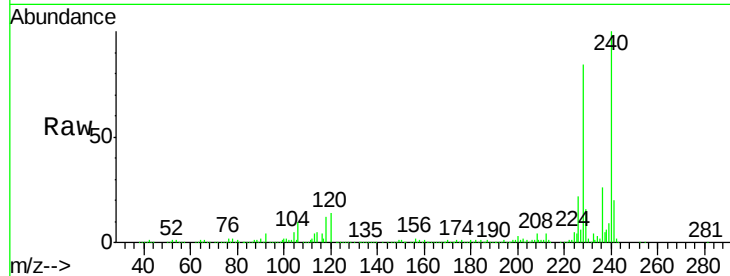
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.7	10.1#
236	26.4	21.6	32.4

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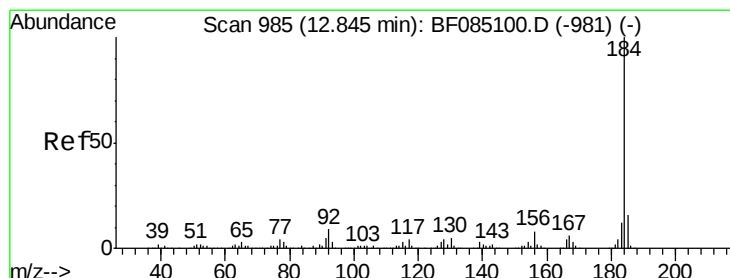
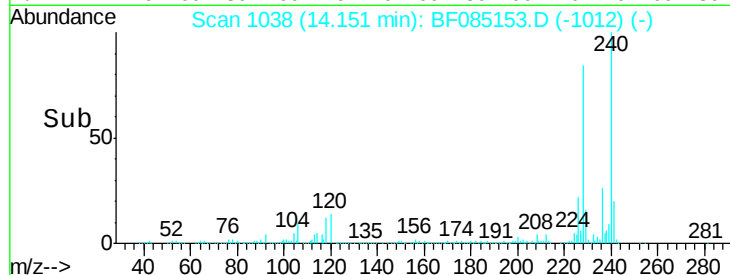
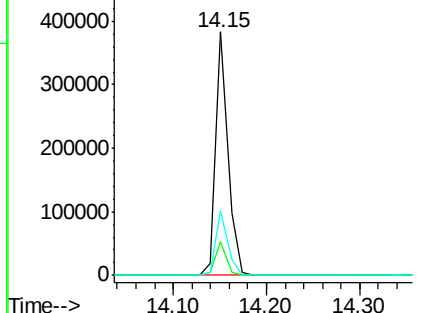
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.87 ng

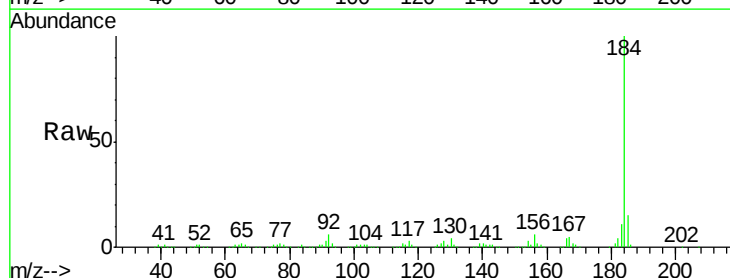
RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

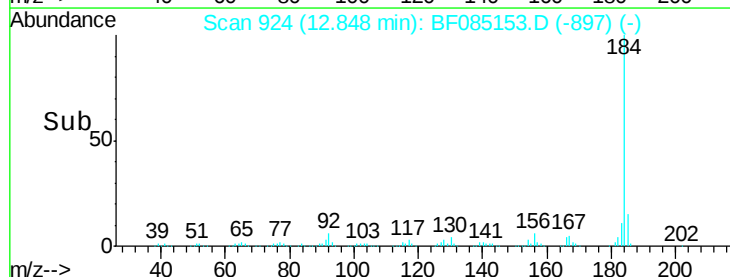
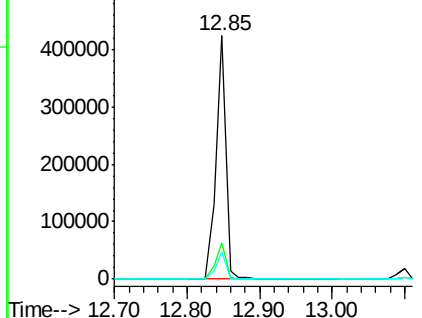
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.5	9.5	14.3

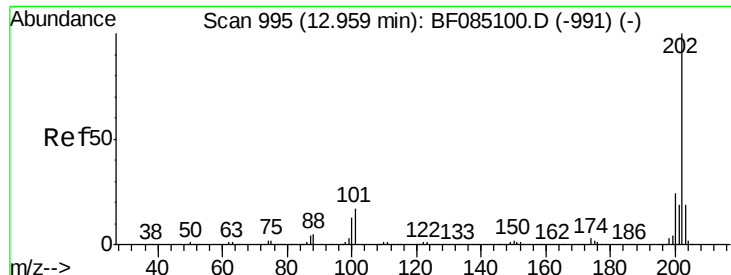


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





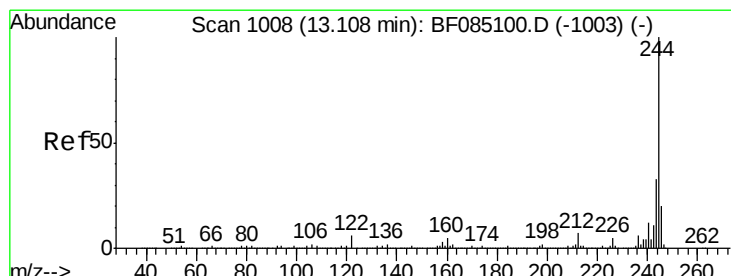
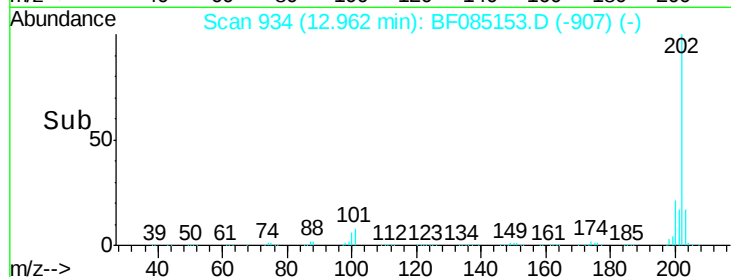
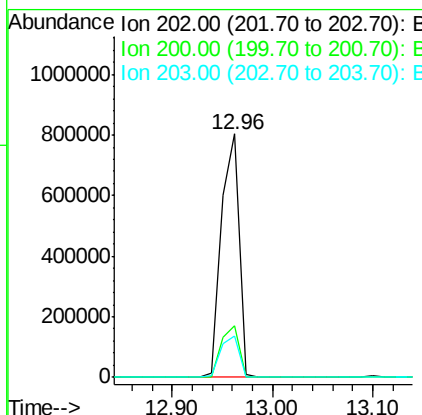
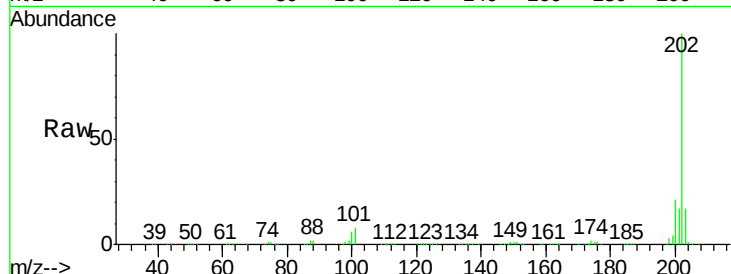
#77
 Pyrene
 Concen: 41.40 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.6
203	17.0	15.0	22.6

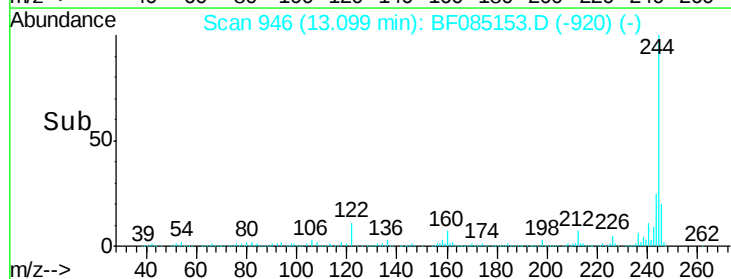
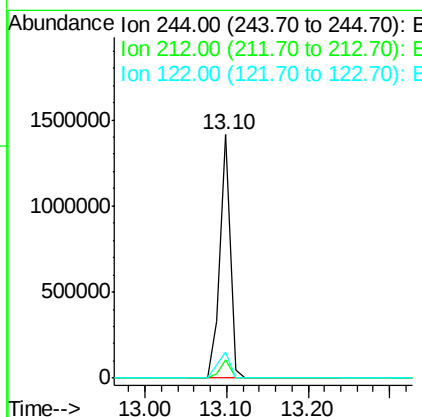
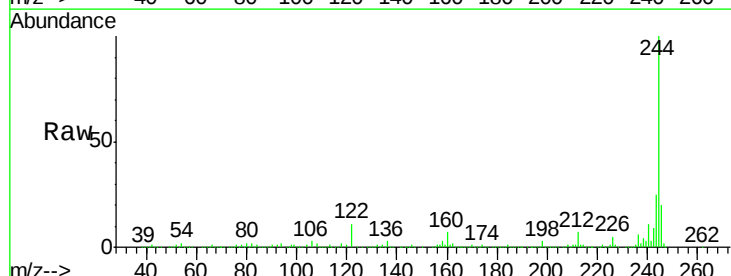
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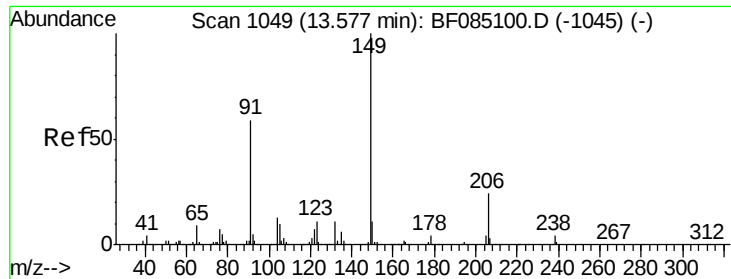
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#78
 Terphenyl-d14
 Concen: 83.12 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.5	5.1	7.7





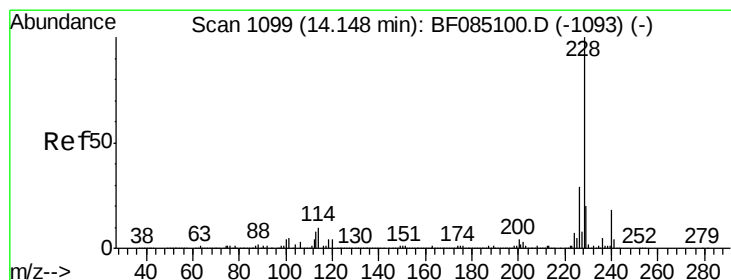
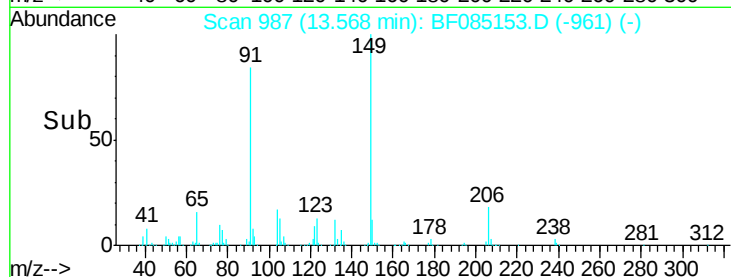
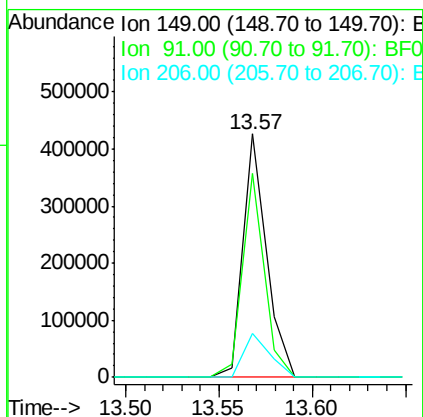
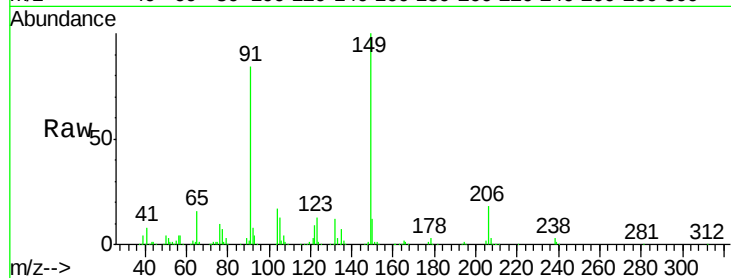
#79
Butylbenzylphthalate
Concen: 37.47 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	377113		
91	83.7	46.9	70.3#	
206	17.8	19.0	28.6#	

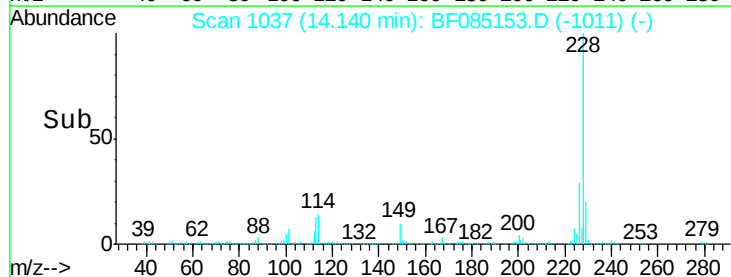
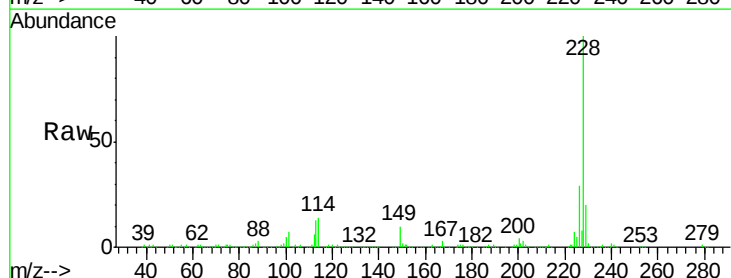
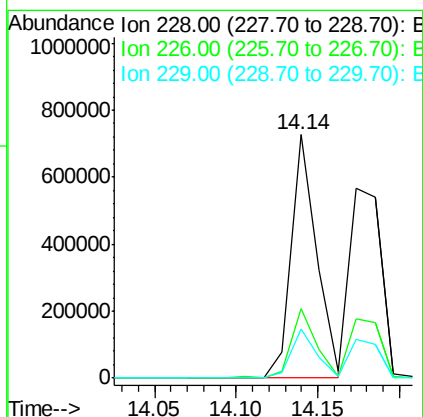
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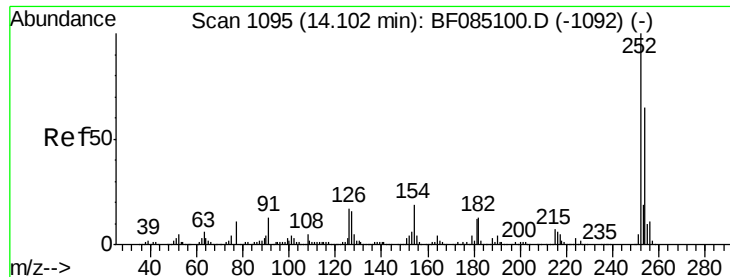
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#80
Benzo(a)anthracene
Concen: 38.89 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	786117		
226	28.5	23.0	34.4	
229	20.4	16.1	24.1	





#81

3,3'-Dichlorobenzidine

Concen: 49.31 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

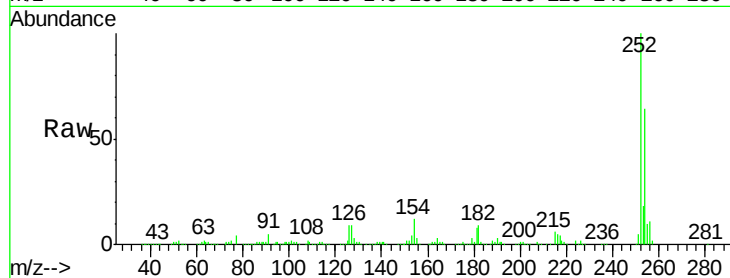
ClientSampleId :

SSTDCCC040EC

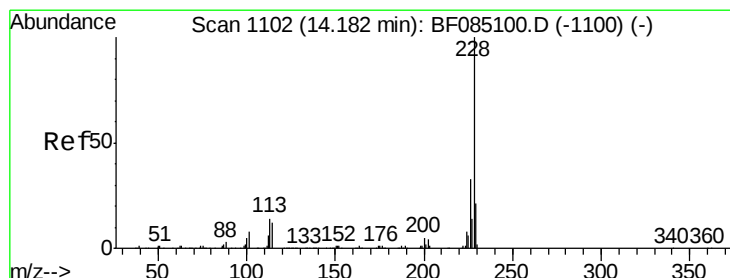
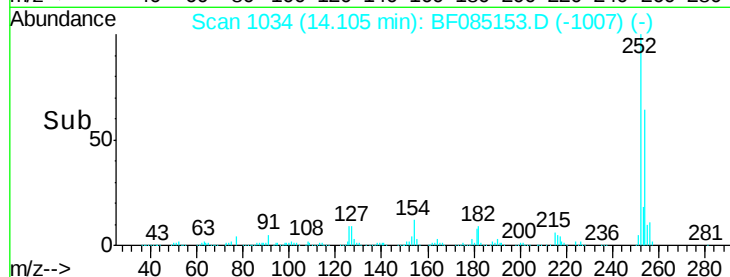
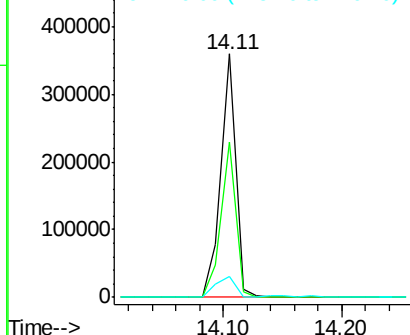
Tgt	Ion	252	Resp:	311561
	Ion	Ratio	Lower	Upper
	252	100		
	254	64.0	51.8	77.6
	126	8.7	13.2	19.8

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



#82

Chrysene

Concen: 42.24 ng

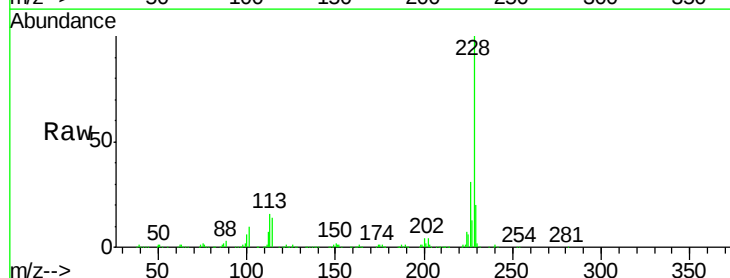
RT: 14.17 min Scan# 1040

Delta R.T. -0.01 min

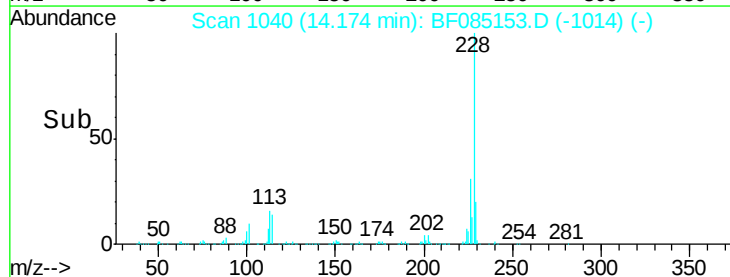
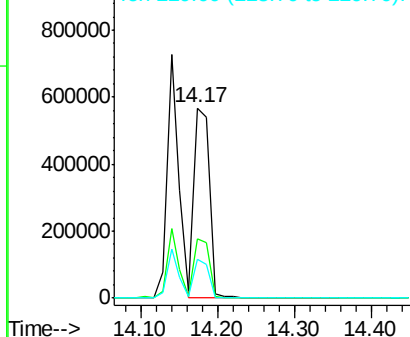
Lab File: BF085153.D

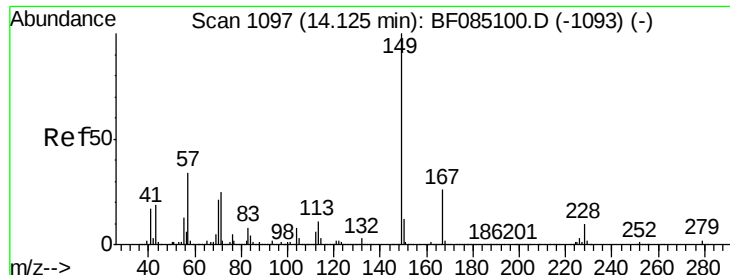
Acq: 3 Mar 2016 6:58

Tgt	Ion	228	Resp:	779752
	Ion	Ratio	Lower	Upper
	228	100		
	226	31.0	26.2	39.4
	229	20.1	16.5	24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.32 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085153.D

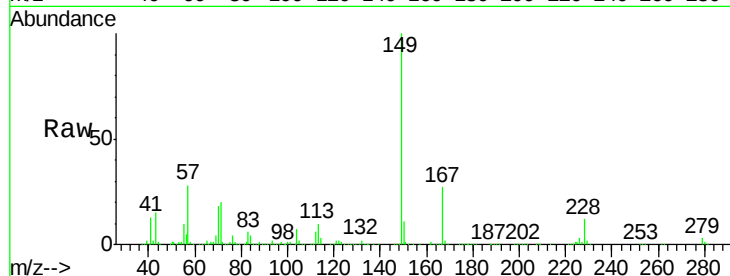
Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

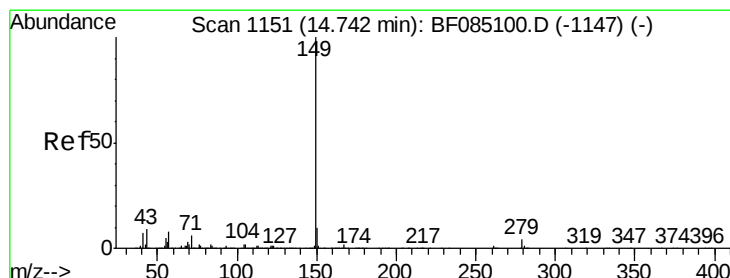
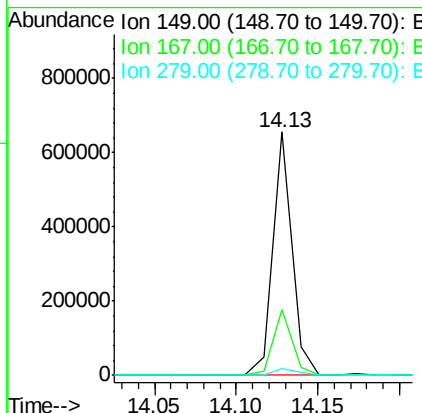
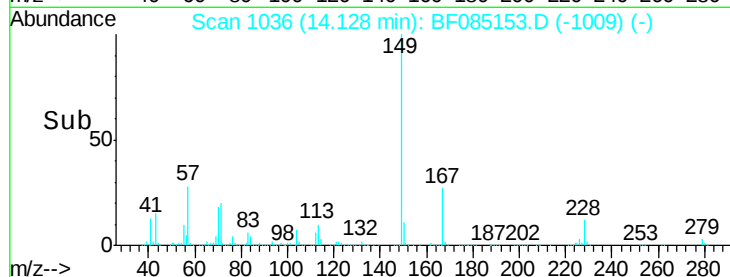
SSTDCCC040EC



Tgt Ion:	149	Resp:	538317
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.6	31.0
279	3.0	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.02 ng

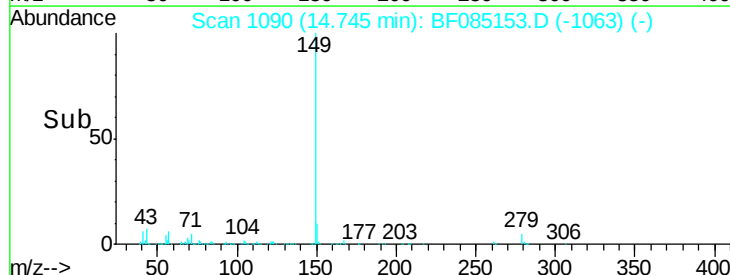
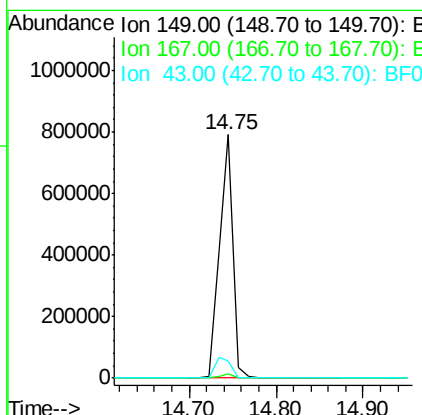
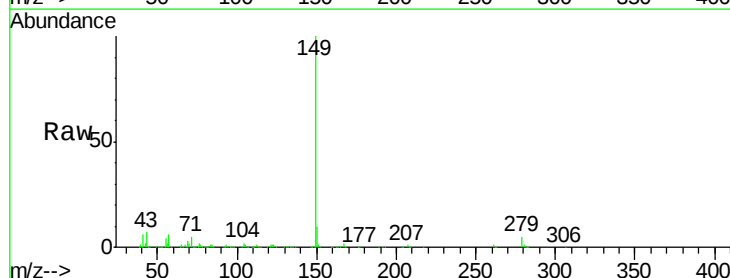
RT: 14.75 min Scan# 1090

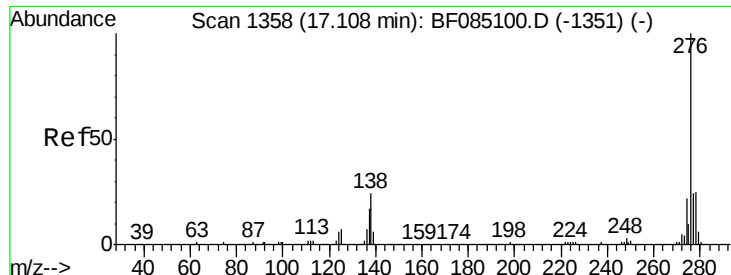
Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Tgt Ion:	149	Resp:	862853
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.2	8.8	13.2





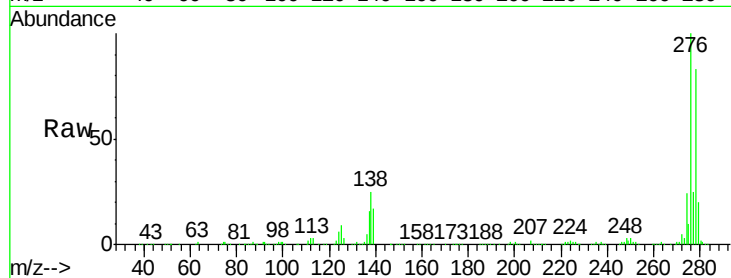
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.51 ng
 RT: 17.12 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

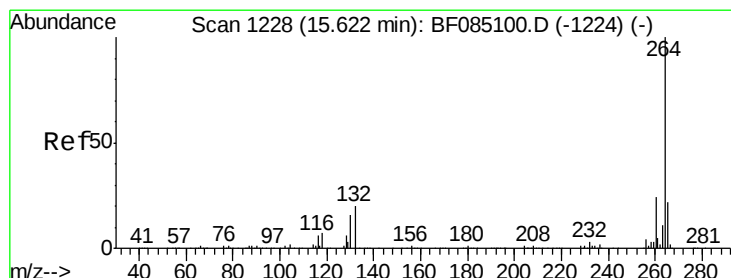
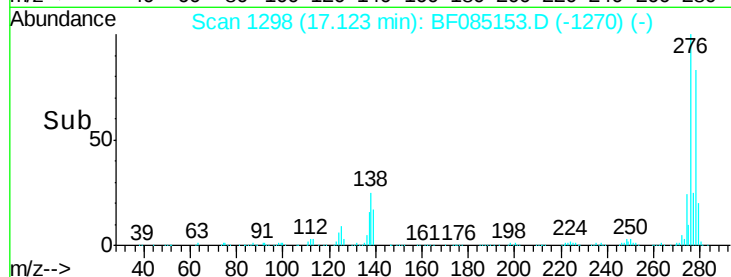
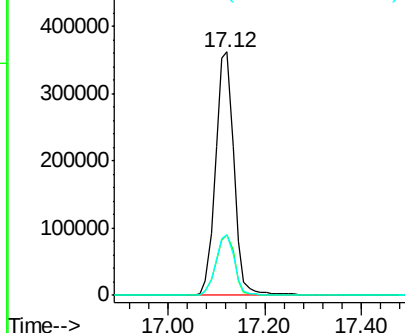
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	975746		
138	25.4	21.4	32.2	
277	25.3	20.1	30.1	

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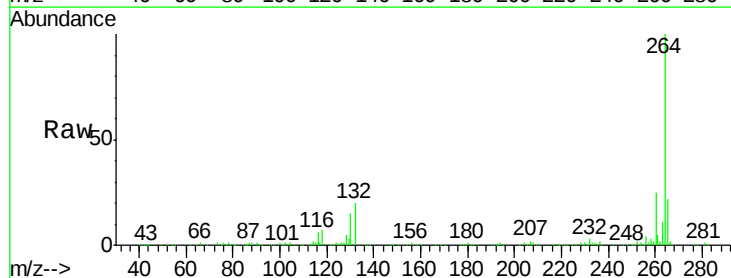


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

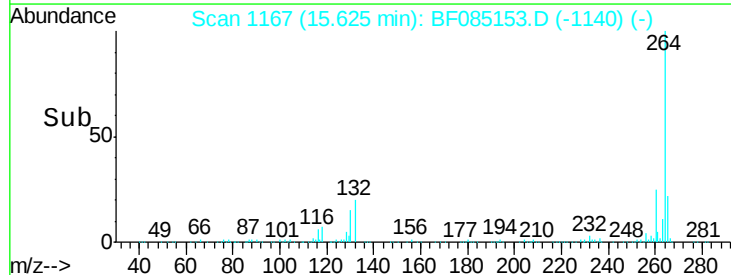
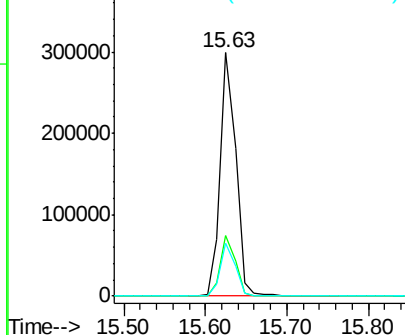


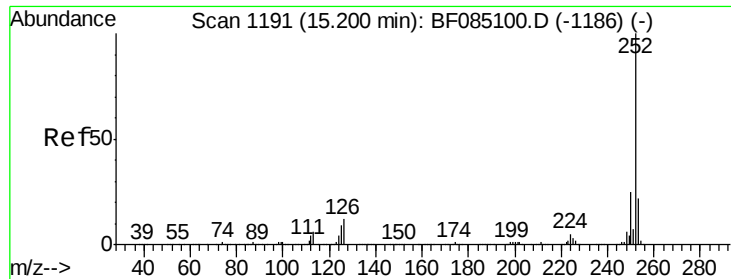
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085153.D
 Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	397665		
260	24.8	19.6	29.4	
265	21.9	17.4	26.2	



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





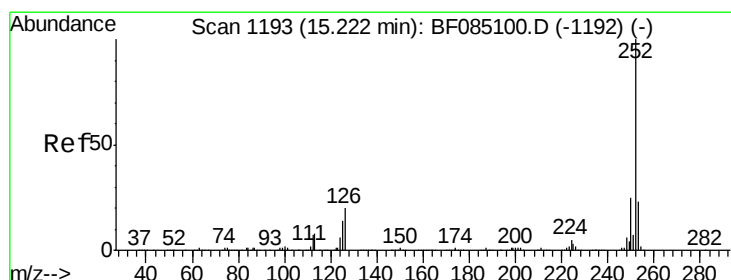
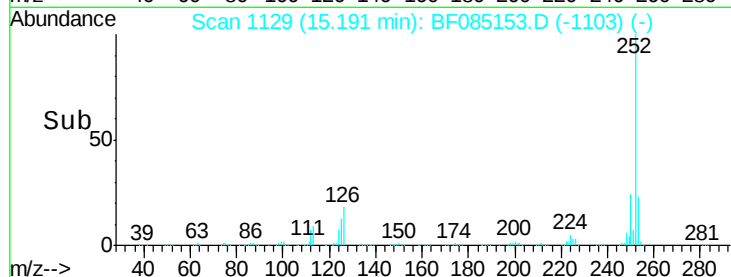
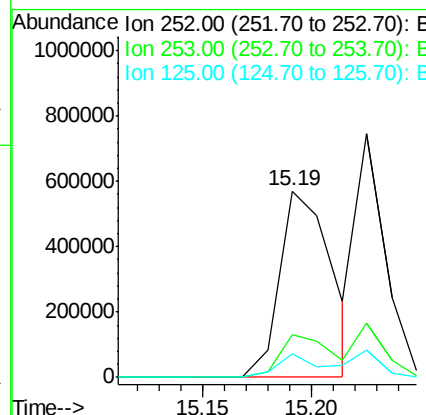
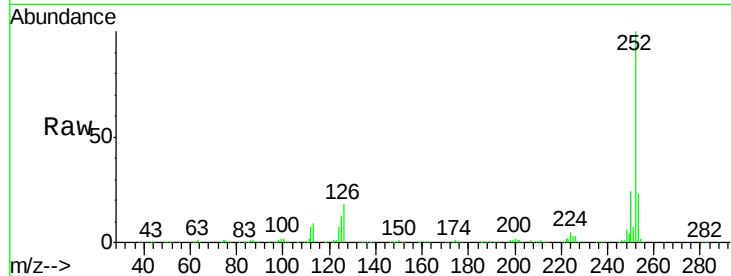
#87
Benzo(b)fluoranthene
Concen: 39.23 ng
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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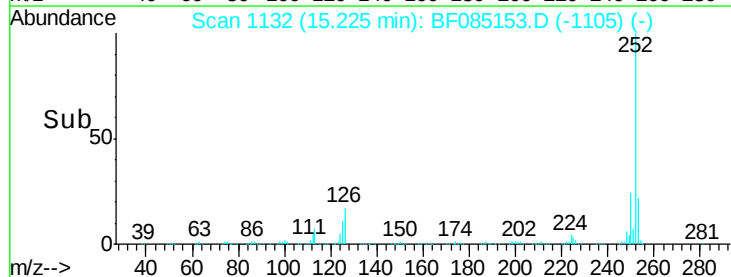
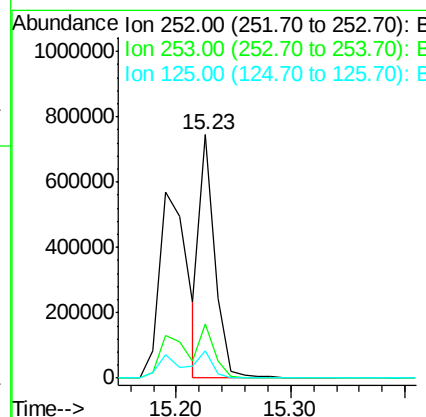
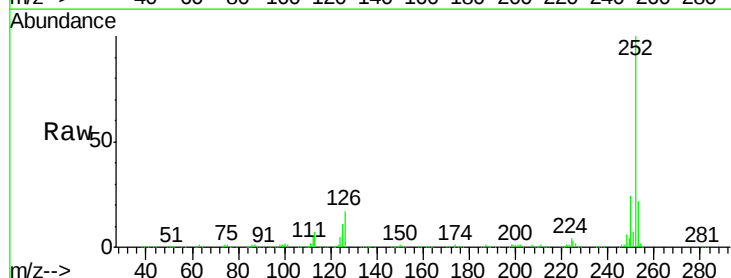
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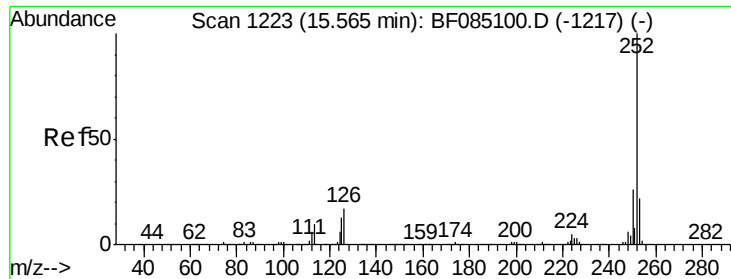
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.9	7.0	10.4



#88
Benzo(k)fluoranthene
Concen: 33.93 ng m
RT: 15.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.0	11.1	16.7





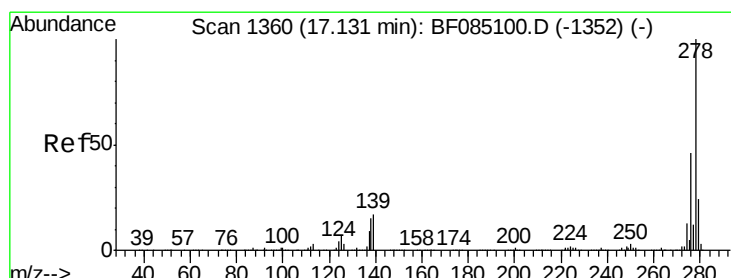
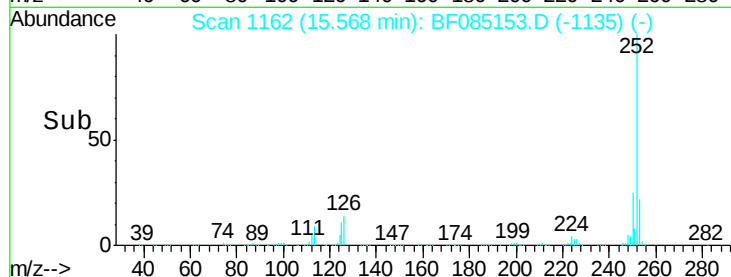
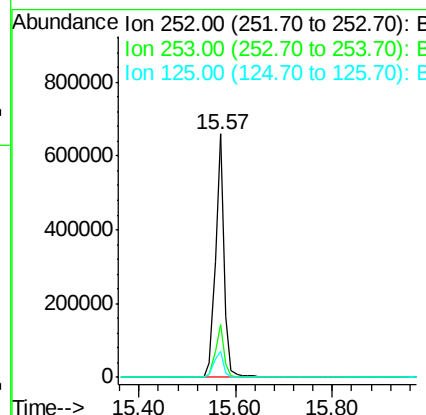
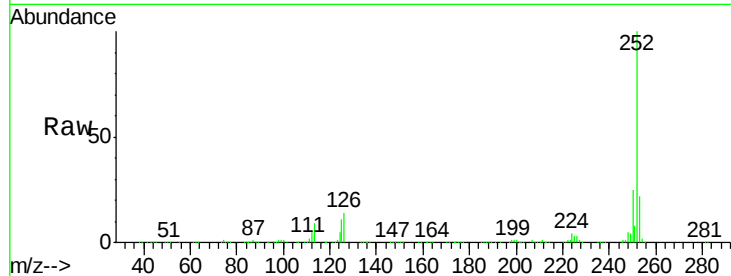
#89
Benzo(a)pyrene
Concen: 41.25 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	10.9	10.2	15.2

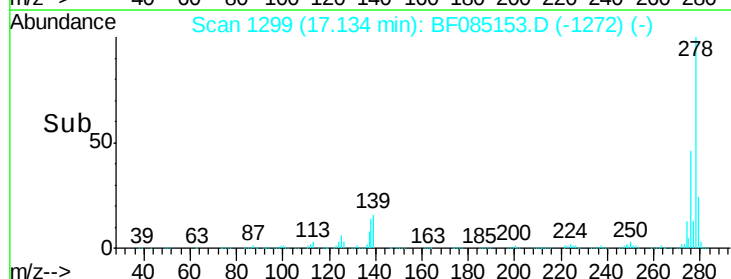
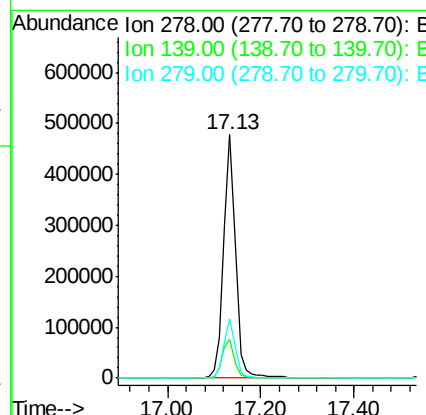
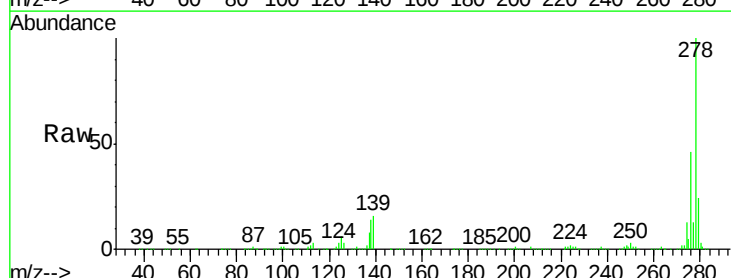
Manual Integrations
APPROVED

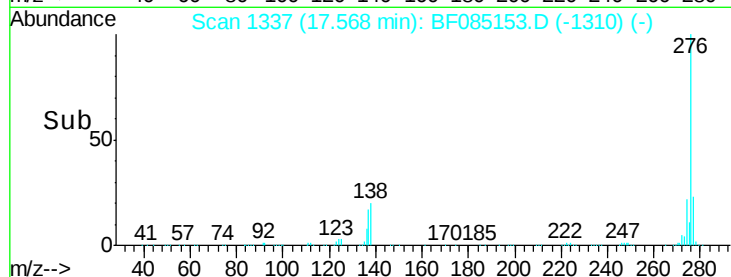
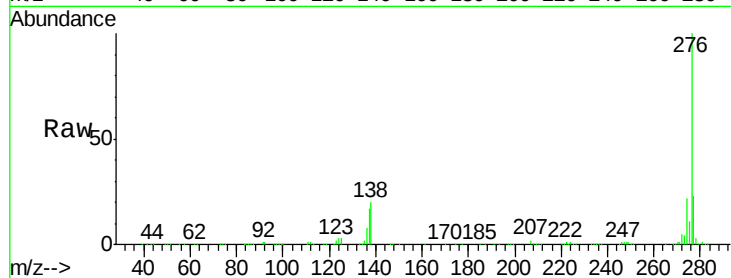
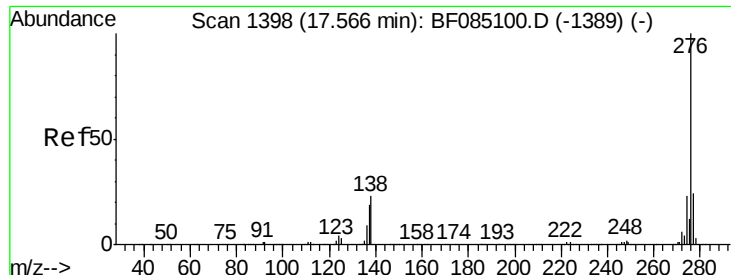
UMANGI
3/3/2016 1:43:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.56 ng
RT: 17.13 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF085153.D
Acq: 3 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.6	20.4
279	24.4	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 41.22 ng

RT: 17.57 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF085153.D

Acq: 3 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	276	Resp:	768746
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.4
138	19.9	18.1	27.1

Manual Integrations
APPROVED

UMANGI
3/3/2016 1:43:12 PM

