

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083437.D
 Acq On : 3 Dec 2015 1:37
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:54 PM

Quant Time: Dec 03 06:34:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	176903m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	677941	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	336050	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	613036	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	431154	20.00	ng	-0.02
86) Perylene-d12	16.80	264	387667	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	927874	78.71	ng	-0.01
7) Phenol-d6	6.21	99	1191208m	73.82	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1116496	72.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	237190	70.31	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1676092	71.08	ng	-0.01
78) Terphenyl-d14	13.20	244	1577747	87.27	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	221843	34.75	ng	97
3) Pyridine	2.54	79	610127	38.21	ng	97
4) n-Nitrosodimethylamine	2.51	42	302194	38.45	ng	91
6) Aniline	6.20	93	842890	38.18	ng	96
8) 2-Chlorophenol	6.33	128	494052	37.99	ng	91
9) Benzaldehyde	6.08	77	310843	40.05	ng	94
10) Phenol	6.22	94	718213	36.99	ng	89
11) bis(2-Chloroethyl)ether	6.29	93	548626	38.84	ng	90
12) 1,3-Dichlorobenzene	6.48	146	539721m	37.34	ng	
13) 1,4-Dichlorobenzene	6.56	146	566616m	37.92	ng	
14) 1,2-Dichlorobenzene	6.72	146	522893	38.15	ng	97
15) Benzyl Alcohol	6.70	79	463549	37.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	951823	38.41	ng	78
17) 2-Methylphenol	6.84	107	413077m	38.11	ng	
18) Hexachloroethane	7.05	117	195664	37.71	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	443091	38.42	ng	92
20) 3+4-Methylphenols	6.99	107	574344	39.12	ng	93
22) Acetophenone	6.97	105	764234	37.68	ng	# 95
24) Nitrobenzene	7.14	77	675261	41.00	ng	93
25) Isophorone	7.38	82	1108198	37.10	ng	99
26) 2-Nitrophenol	7.46	139	271213	40.34	ng	# 74
27) 2,4-Dimethylphenol	7.52	122	433712	38.49	ng	96
28) bis(2-Chloroethoxy)methane	7.60	93	621461	36.53	ng	99
29) 2,4-Dichlorophenol	7.71	162	410403	37.87	ng	91
30) 1,2,4-Trichlorobenzene	7.78	180	461977	39.16	ng	97
31) Naphthalene	7.85	128	1361127	37.00	ng	99
32) Benzoic acid	7.68	122	298722	38.43	ng	92
33) 4-Chloroaniline	7.92	127	595860	37.58	ng	94
34) Hexachlorobutadiene	7.98	225	252838	37.75	ng	97
35) Caprolactam	8.30	113	136391	39.83	ng	# 84
36) 4-Chloro-3-methylphenol	8.42	107	455131	37.44	ng	89
37) 2-Methylnaphthalene	8.54	142	962643	39.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	393329	36.92	ng	98
40) Hexachlorocyclopentadiene	8.70	237	96513	19.07	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	284284	38.05	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	298399	38.54	nq	# 90
45) 1,1'-Biphenyl	9.01	154	1130857	38.37	nq	99
46) 2-Chloronaphthalene	9.02	162	804119	35.81	nq	98
47) 2-Nitroaniline	9.14	65	358708	40.33	nq	88
48) Acenaphthylene	9.44	152	1281000	35.76	nq	99
49) Dimethylphthalate	9.32	163	964521	35.32	nq	99
50) 2,6-Dinitrotoluene	9.38	165	201093	34.48	nq	86
51) Acenaphthene	9.61	154	742657	35.25	nq	99
52) 3-Nitroaniline	9.55	138	248026	36.28	nq	95
53) 2,4-Dinitrophenol	9.66	184	71649	24.43	nq	# 76
54) Dibenzofuran	9.78	168	1053287	34.11	nq	99
55) 4-Nitrophenol	9.74	139	122340m	28.61	nq	
56) 2,4-Dinitrotoluene	9.78	165	260423	35.19	nq	88
57) Fluorene	10.12	166	868761	35.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222073	35.55	nq	98
59) Diethylphthalate	10.02	149	1000475	38.43	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	424133	37.86	nq	99
61) 4-Nitroaniline	10.17	138	271748	39.73	nq	97
62) Azobenzene	10.28	77	1218716	38.76	nq	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	135838	33.00	nq	91
65) n-Nitrosodiphenylamine	10.25	169	867195	40.25	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	259593	38.71	nq	95
67) Hexachlorobenzene	10.68	284	276977	37.35	nq	# 70
68) Atrazine	10.81	200	209683	35.19	nq	99
69) Pentachlorophenol	10.91	266	138772	35.73	nq	98
70) Phenanthrene	11.14	178	1302752	35.91	nq	98
71) Anthracene	11.21	178	1407178	38.53	nq	100
72) Carbazole	11.40	167	1212562	36.95	nq	99
73) Di-n-butylphthalate	11.84	149	1510197	38.83	nq	100
74) Fluoranthene	12.65	202	1305182	34.71	nq	95
76) Benzidine	12.84	184	471258	36.70	nq	100
77) Pyrene	12.96	202	1295086	43.01	nq	99
79) Butylbenzylphthalate	13.94	149	582593	45.61	nq	95
80) Benzo(a)anthracene	14.72	228	1027200	38.89	nq	100
81) 3,3'-Dichlorobenzidine	14.71	252	327814	39.73	nq	98
82) Chrysene	14.77	228	939789	36.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	795305	46.41	nq	99
84) Di-n-octyl phthalate	15.81	149	1243529	48.74	nq	100
85) Indeno(1,2,3-cd)pyrene	18.18	276	818286	44.02	nq	100
87) Benzo(b)fluoranthene	16.28	252	917241	36.87	nq	98
88) Benzo(k)fluoranthene	16.33	252	845254	35.99	nq	99
89) Benzo(a)pyrene	16.73	252	821134	38.43	nq	99
90) Dibenzo(a,h)anthracene	18.20	278	704639	37.85	nq	98
91) Benzo(g,h,i)perylene	18.55	276	607208	33.23	nq	97

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

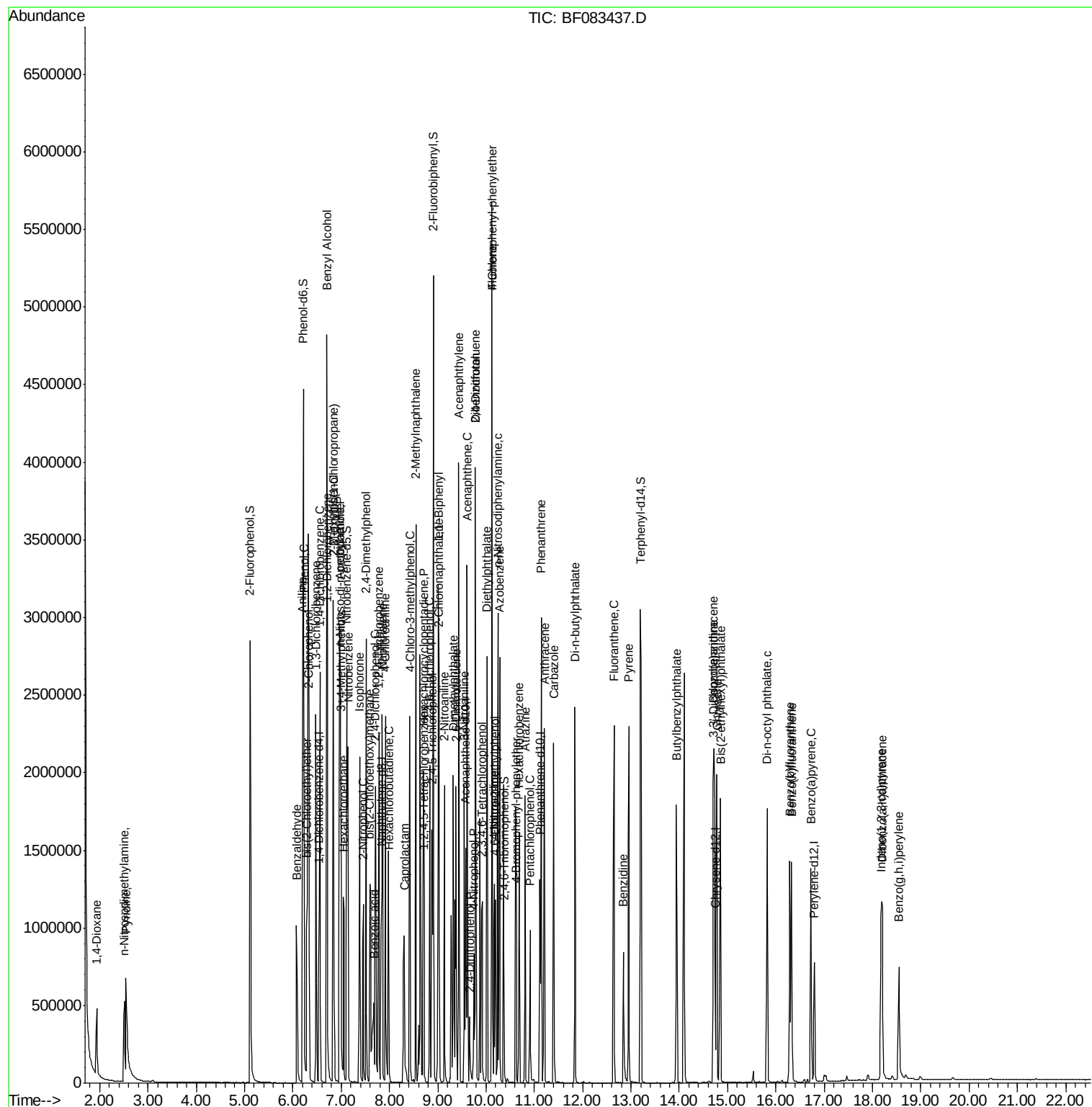
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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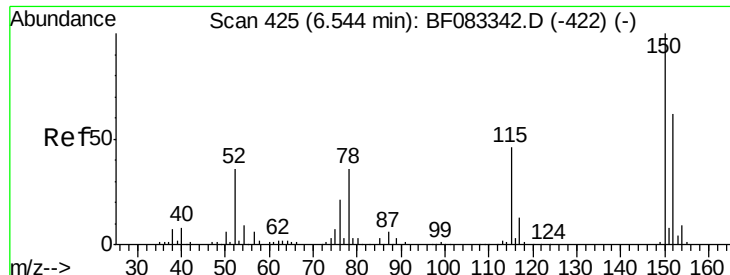
Instrument :
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ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 152 Resp: 176903

Ion Ratio Lower Upper

152 100

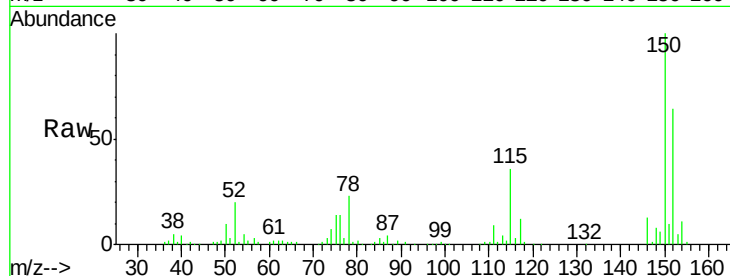
150 156.9 129.8 194.8

115 56.6 59.2 88.8#

Manual Integrations
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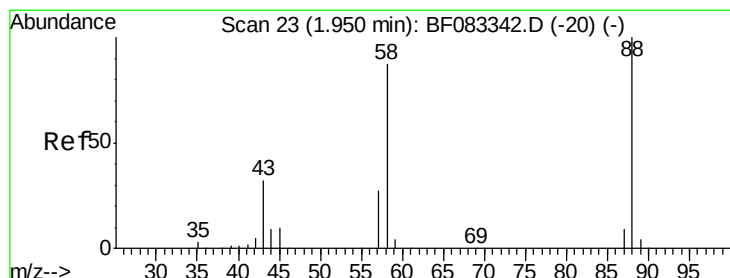
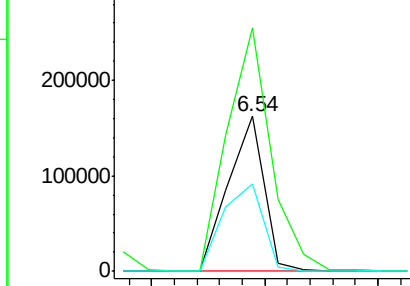
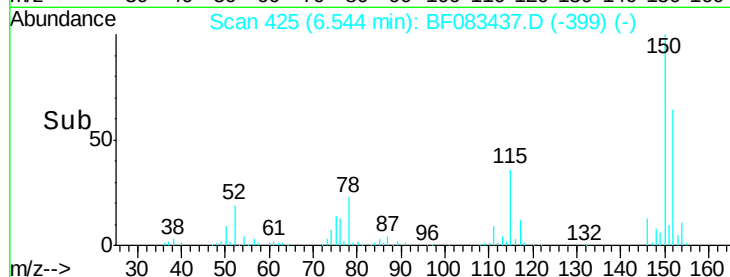
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.75 ng

RT: 1.94 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

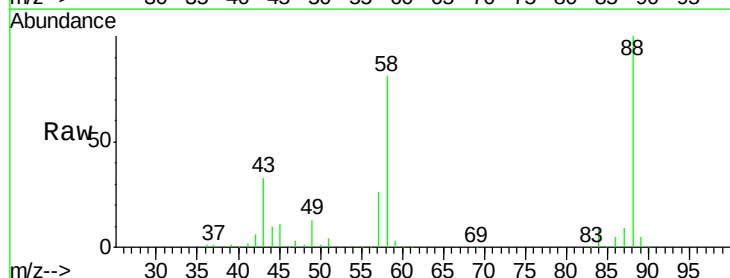
Tgt Ion: 88 Resp: 221843

Ion Ratio Lower Upper

88 100

58 85.7 66.6 100.0

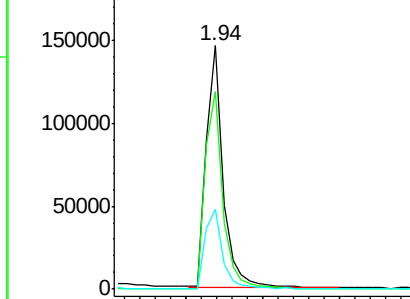
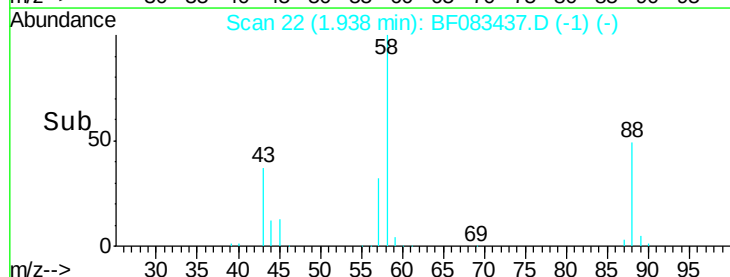
43 35.1 27.1 40.7

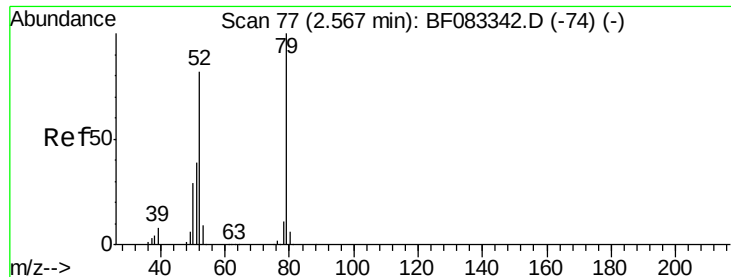


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.21 ng

RT: 2.54 min Scan# 75

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

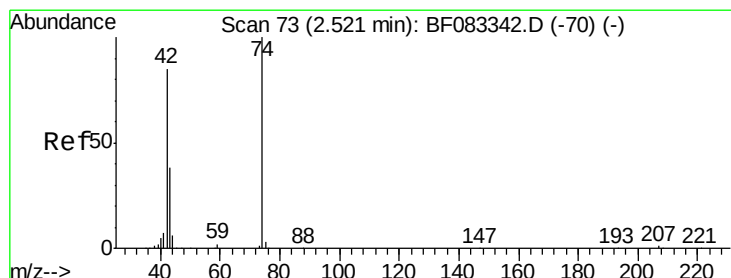
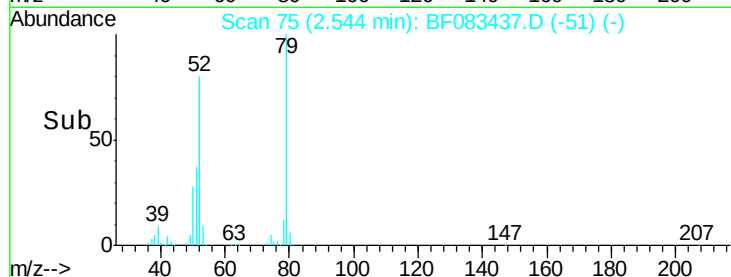
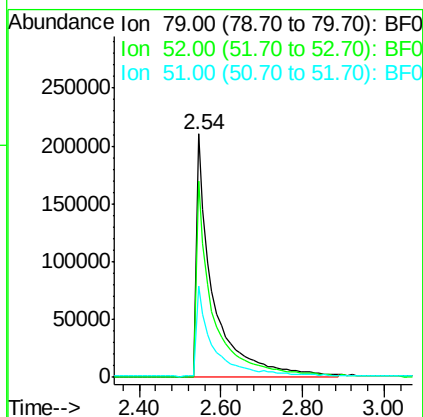
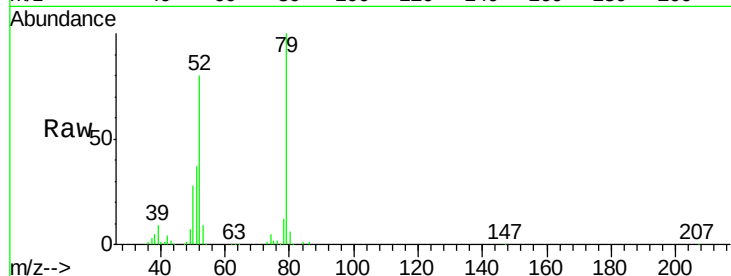
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	610127
Ion Ratio	Lower	Upper	
79	100		
52	80.4	65.9	98.9
51	37.5	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 38.45 ng

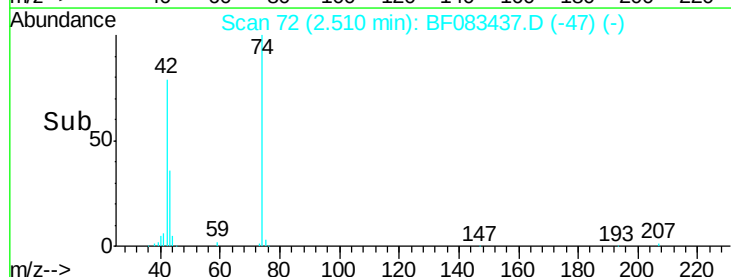
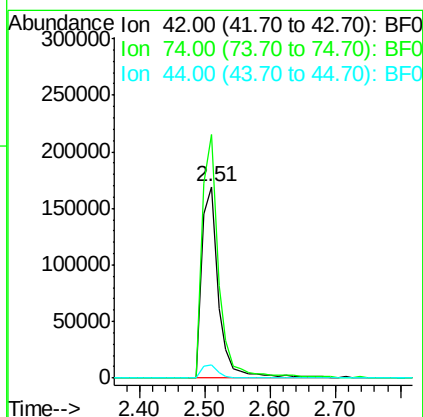
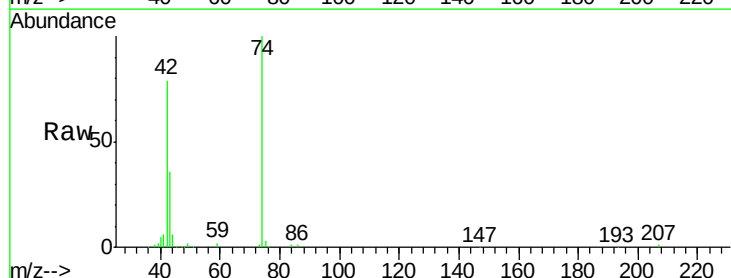
RT: 2.51 min Scan# 72

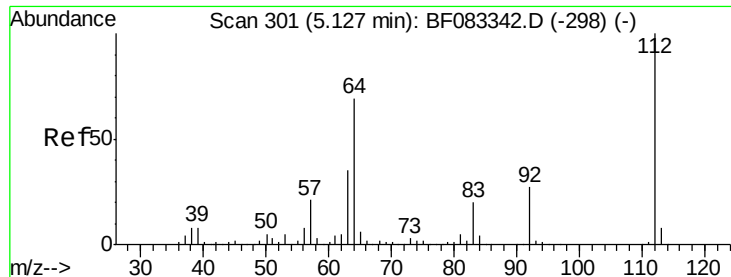
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	42	Resp:	302194
Ion Ratio	Lower	Upper	
42	100		
74	127.3	93.7	140.5
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 78.71 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

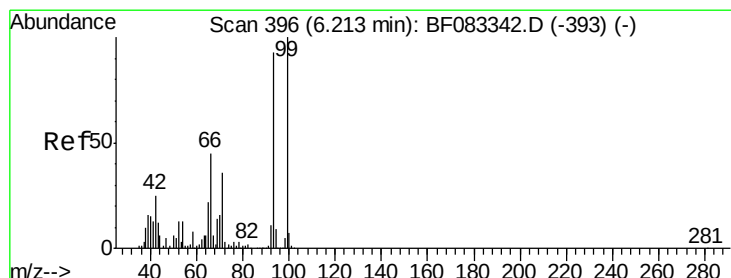
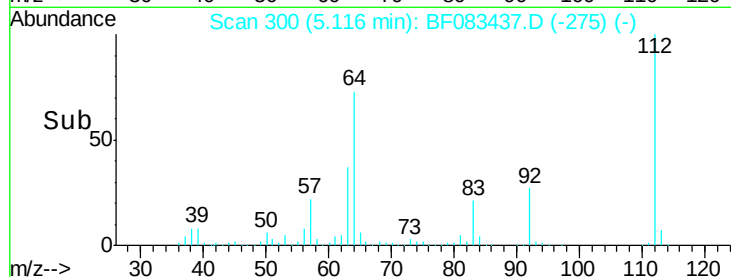
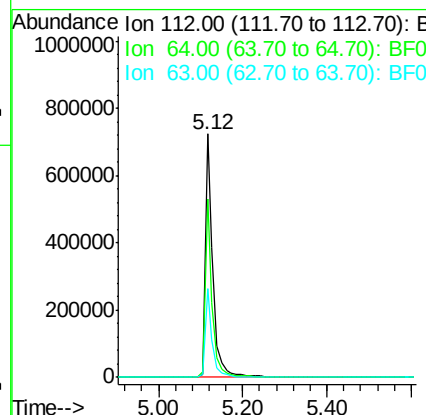
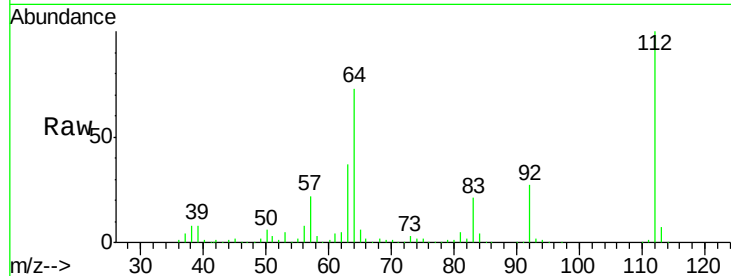
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	927874
Ion Ratio	Lower	Upper	
112	100		
64	73.0	55.6	83.4
63	36.7	28.2	42.2

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#6

Aniline

Concen: 38.18 ng

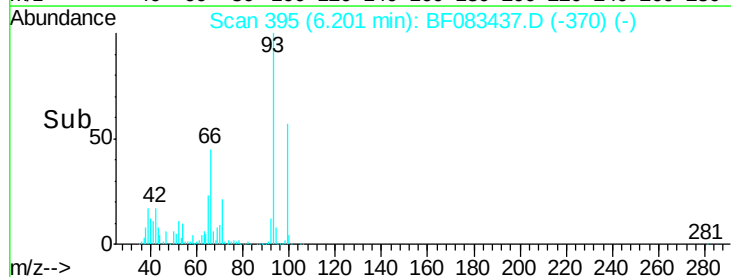
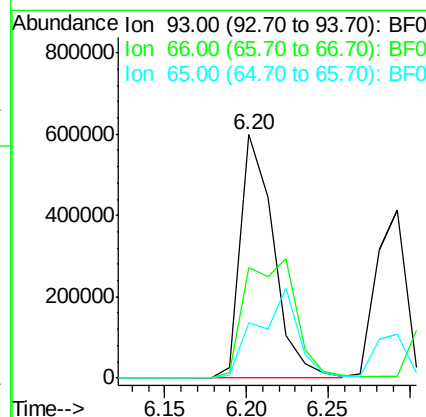
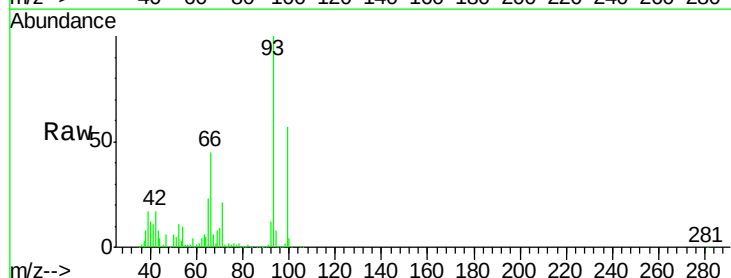
RT: 6.20 min Scan# 395

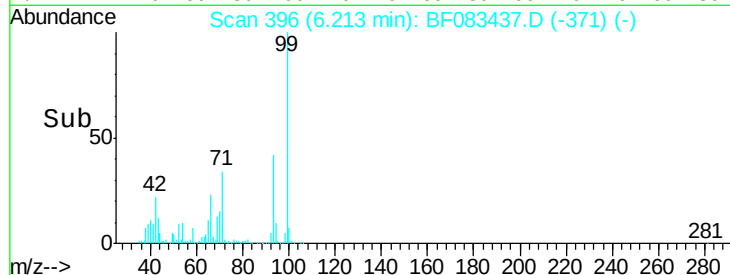
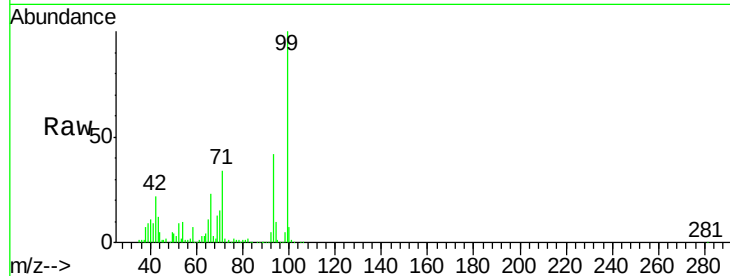
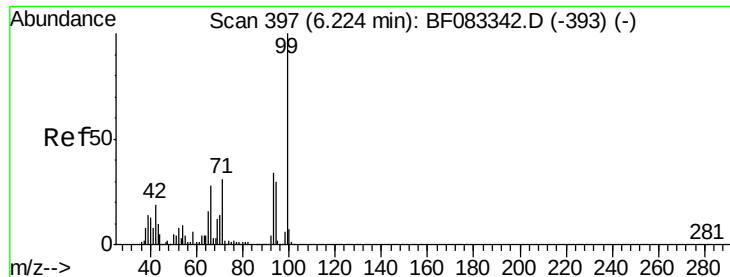
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	93	Resp:	842890
Ion Ratio	Lower	Upper	
93	100		
66	45.1	38.7	58.1
65	22.6	19.0	28.6





#7

Phenol-d6

Concen: 73.82 ng/mL

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tot Ion: 99 Resp: 1191208

Ion Ratio Lower Upper

99 100

42 22.5 14.9 22.3#

71 34.1 24.7 37.1

Instrument :

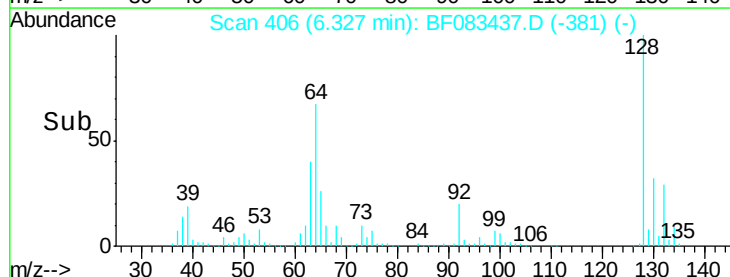
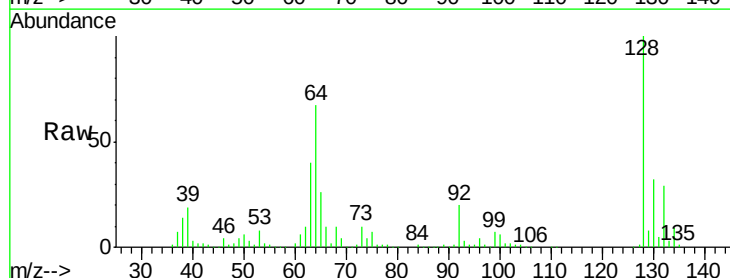
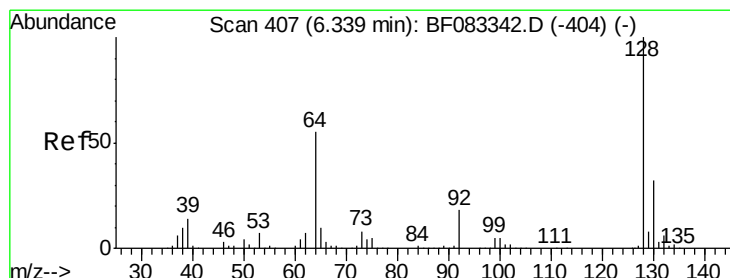
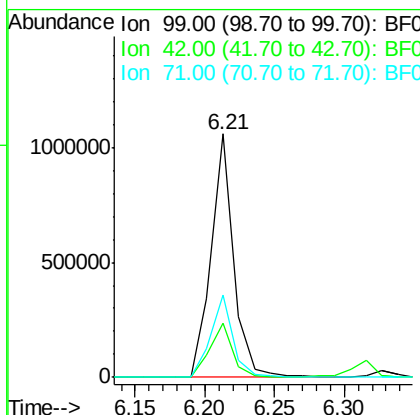
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 37.99 ng/mL

RT: 6.33 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

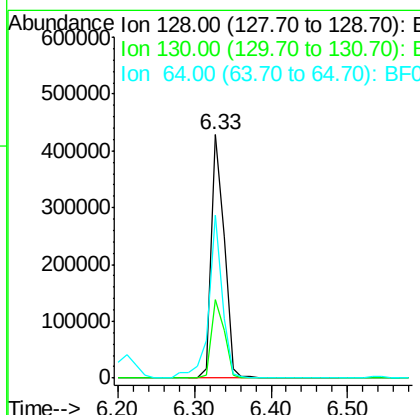
Tgt Ion: 128 Resp: 494052

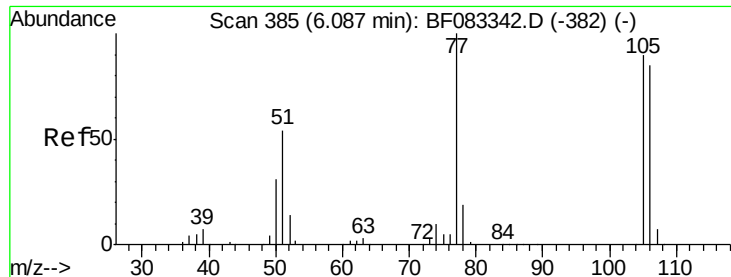
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 67.0 36.4 76.4





#9

Benzaldehyde

Concen: 40.05 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

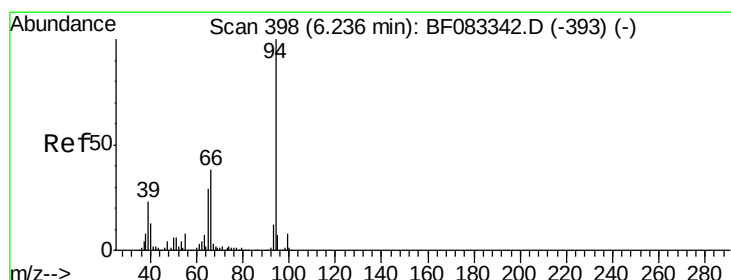
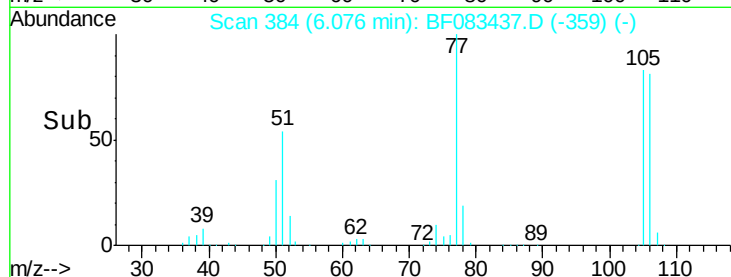
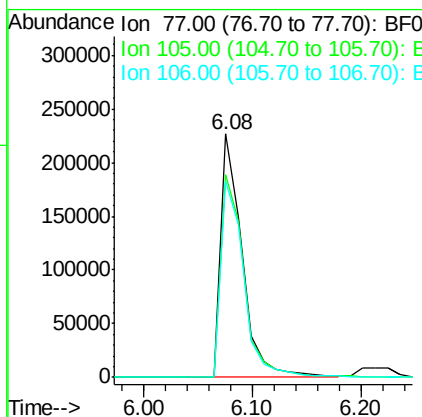
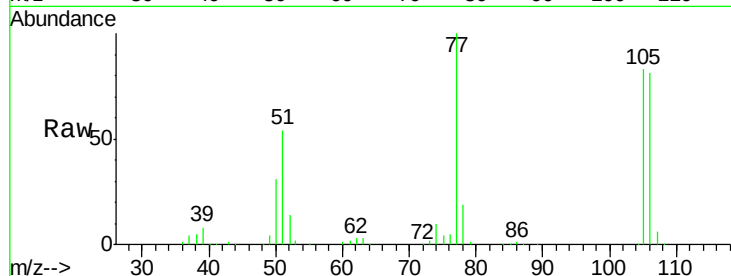
ClientSampleId :

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Tot Ion:	77	Resp:	310843
Ion	Ratio	Lower	Upper
77	100		
105	83.4	70.0	110.0
106	80.6	65.0	105.0

Manual Integrations
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#10

Phenol

Concen: 36.99 ng

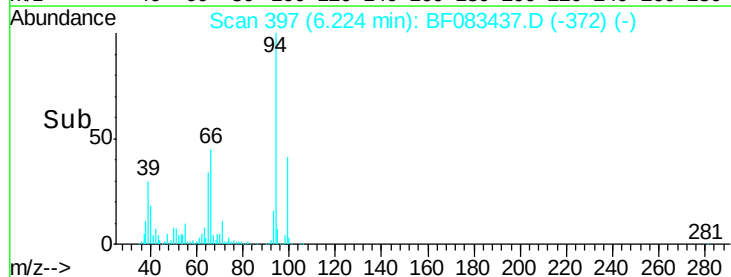
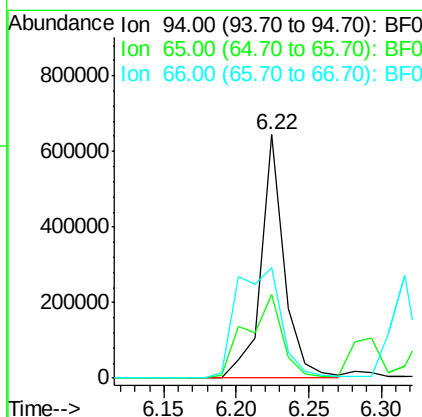
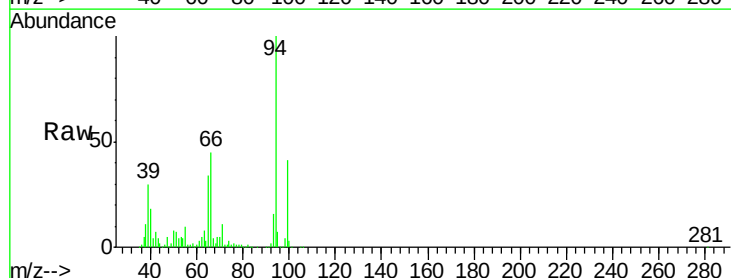
RT: 6.22 min Scan# 397

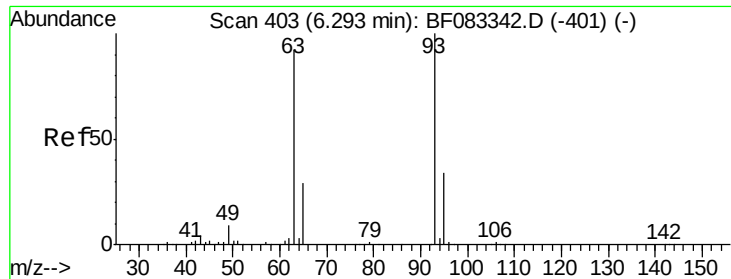
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	94	Resp:	718213
Ion	Ratio	Lower	Upper
94	100		
65	34.3	9.5	49.5
66	45.5	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 38.84 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

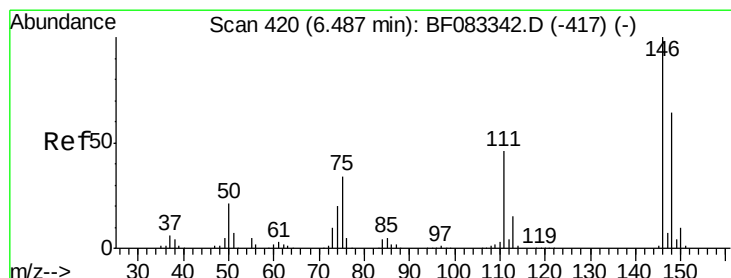
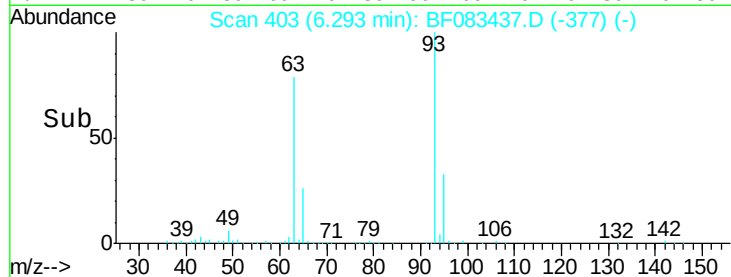
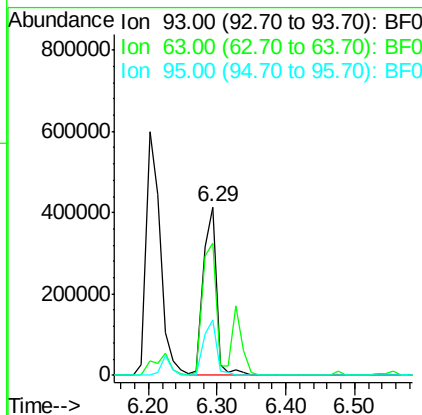
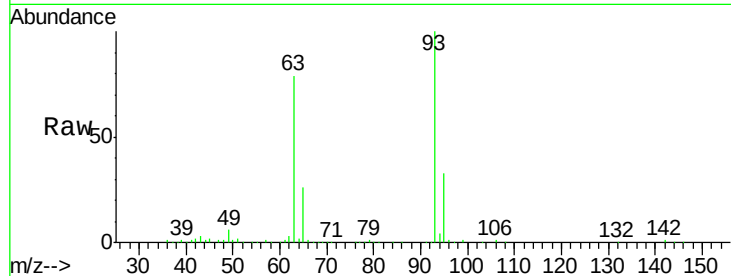
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	548626
Ion Ratio	Lower	Upper	
93	100		
63	78.9	71.4	111.4
95	33.1	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 37.34 ng m

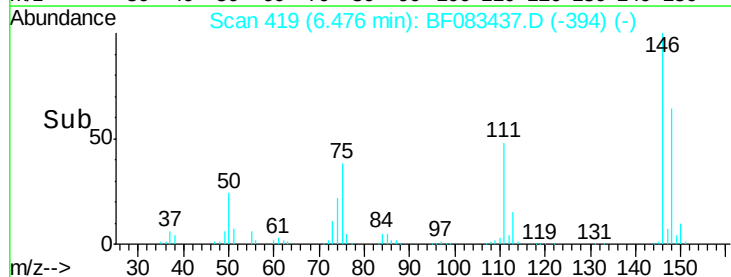
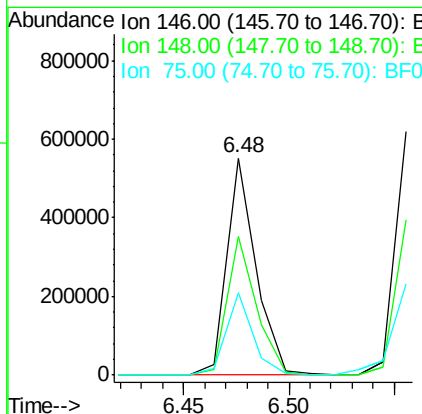
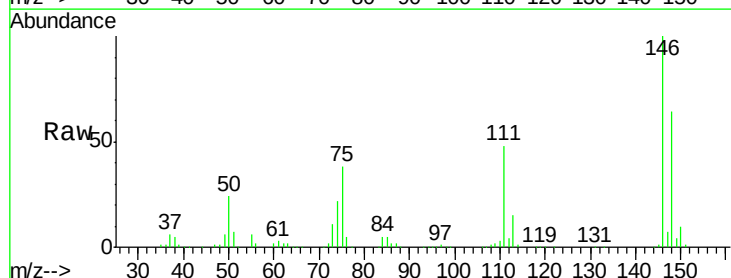
RT: 6.48 min Scan# 419

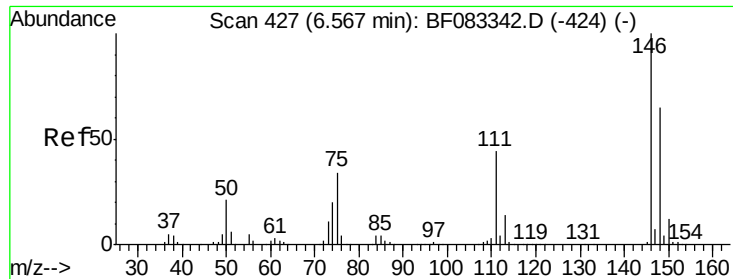
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	146	Resp:	539721
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
75	38.0	27.5	41.3





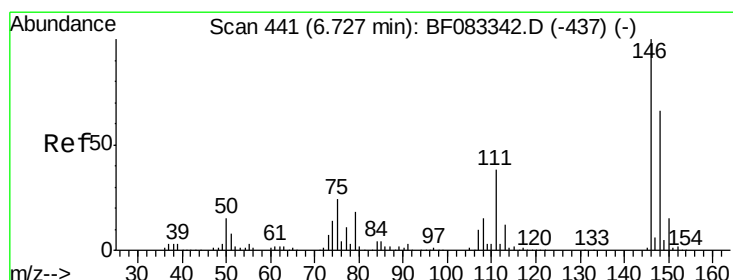
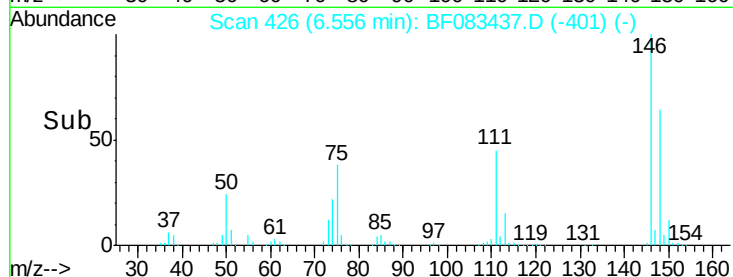
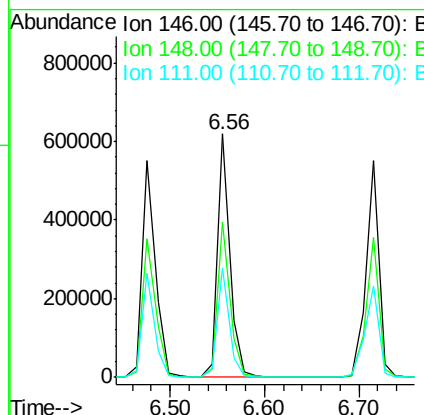
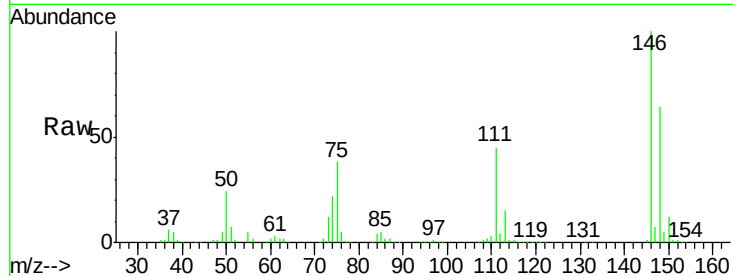
#13
1,4-Dichlorobenzene
Concen: 37.92 ng/ml
RT: 6.56 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
111	44.9	35.4	53.0

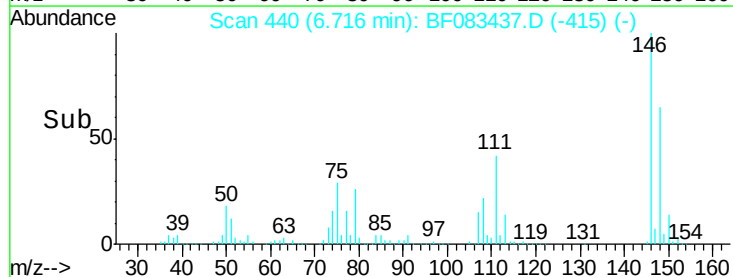
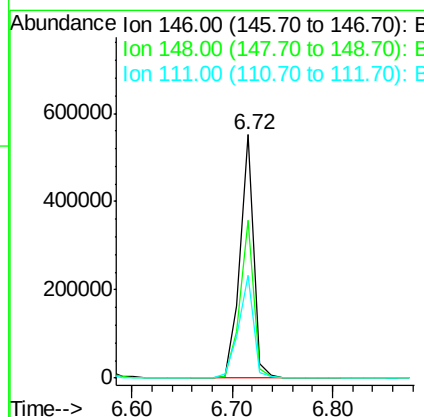
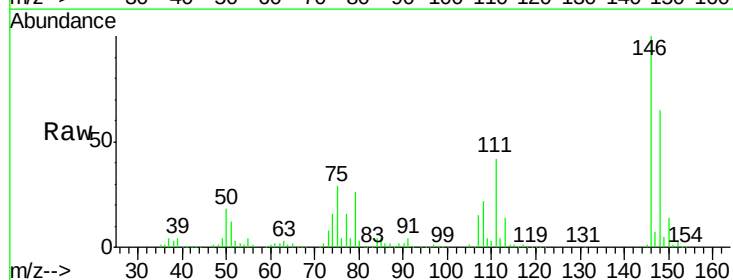
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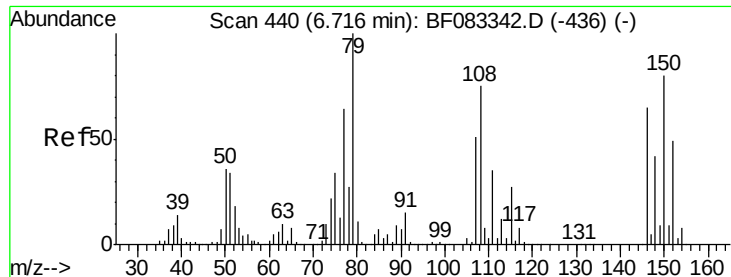
Mmdadoda
12/3/2015 7:09:54 PM



#14
1,2-Dichlorobenzene
Concen: 38.15 ng/ml
RT: 6.72 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
111	42.2	30.6	46.0





#15

Benzyl Alcohol

Concen: 37.17 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 463549

Ion Ratio Lower Upper

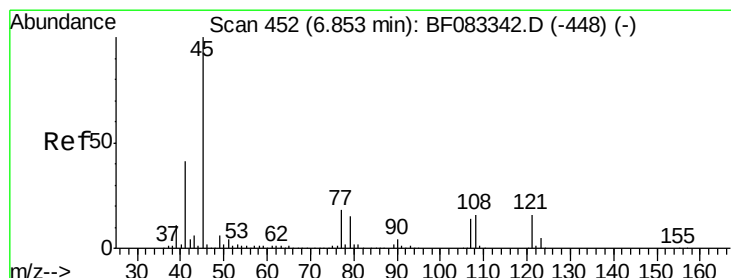
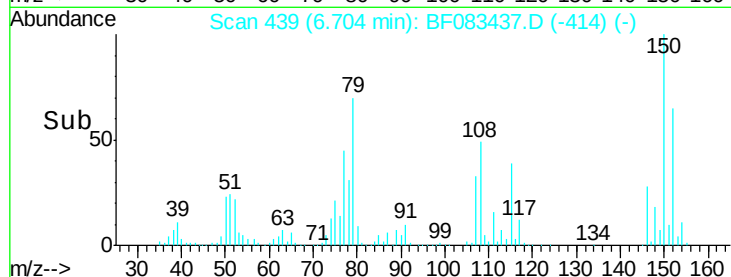
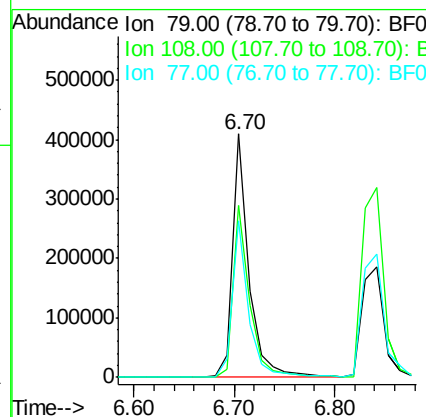
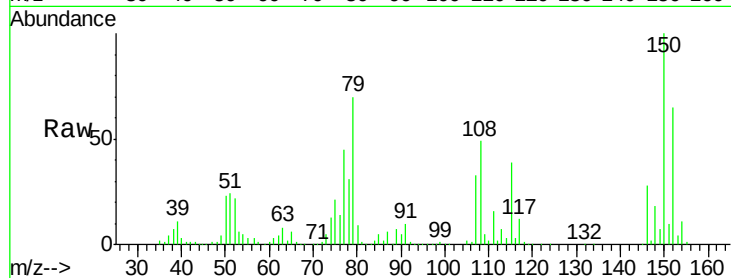
79 100

108 70.6 59.9 89.9

77 64.1 51.0 76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.41 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

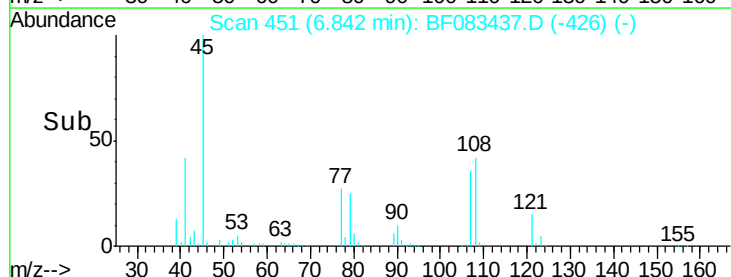
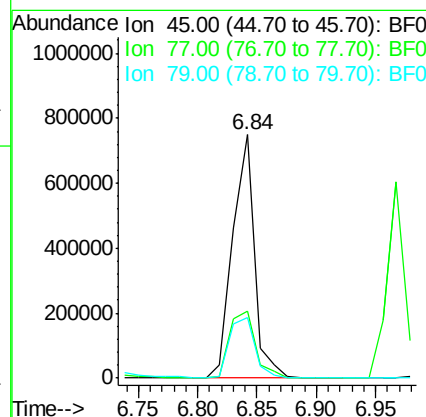
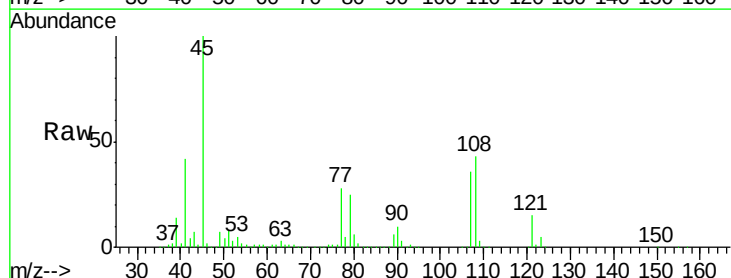
Tgt Ion: 45 Resp: 951823

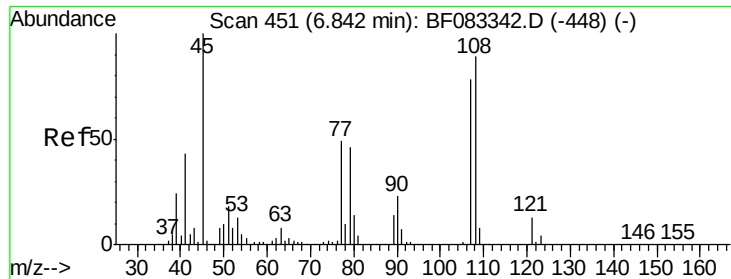
Ion Ratio Lower Upper

45 100

77 27.7 0.0 38.3

79 24.9 0.0 35.4





#17

2-Methylphenol

Concen: 38.11 ng/ml

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 413077
Ion Ratio Lower Upper

107 100

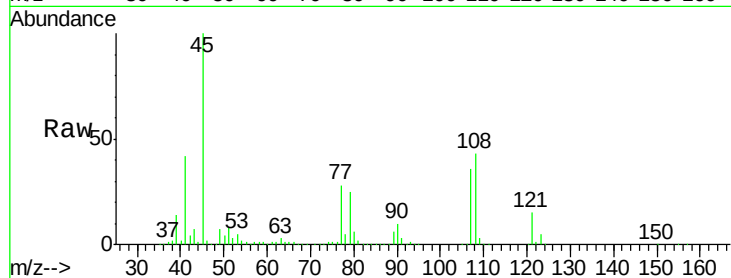
108 119.0 91.6 137.4

77 77.3 49.9 74.9#

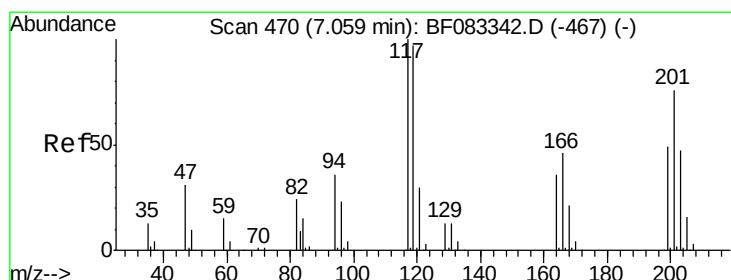
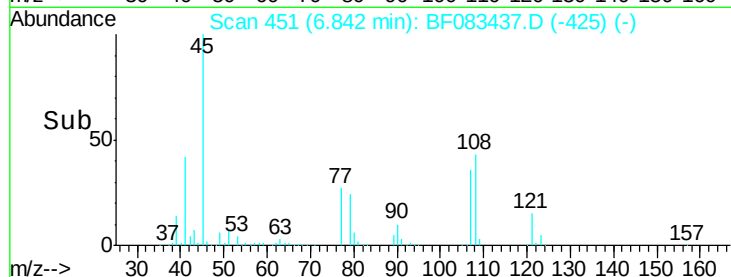
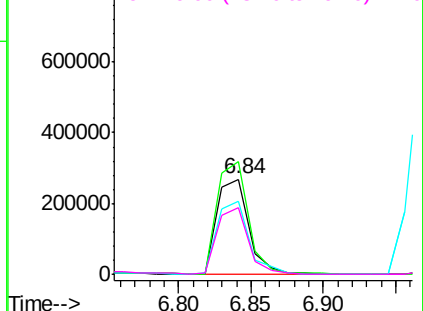
79 69.6 47.3 70.9

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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: 37.71 ng/ml

RT: 7.05 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083437.D

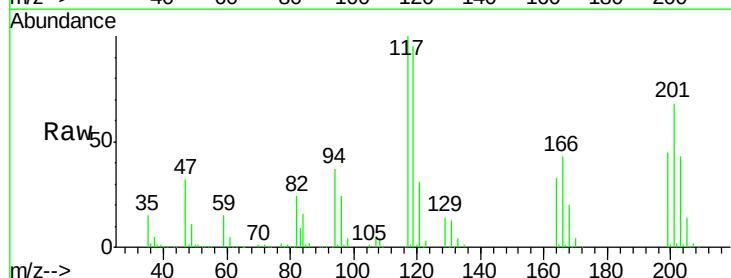
Acq: 3 Dec 2015 1:37

Tgt Ion:117 Resp: 195664
Ion Ratio Lower Upper

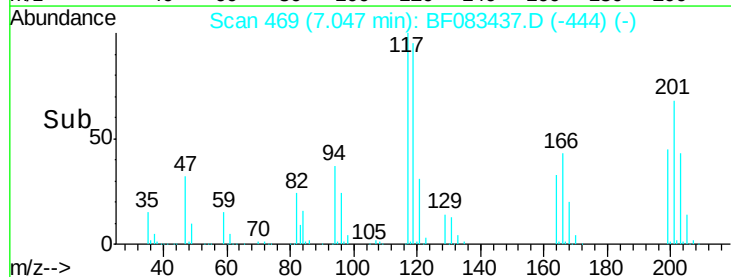
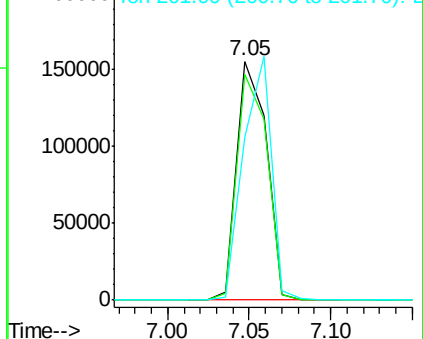
117 100

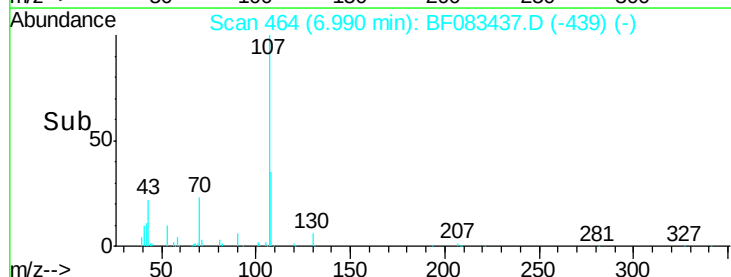
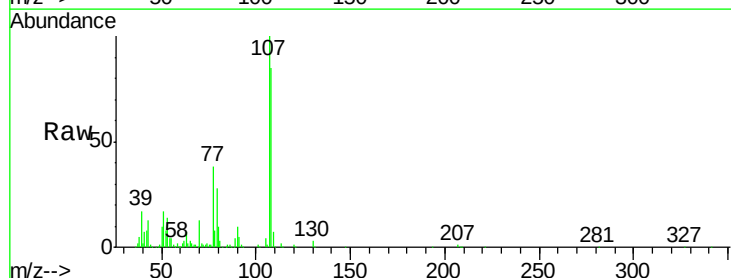
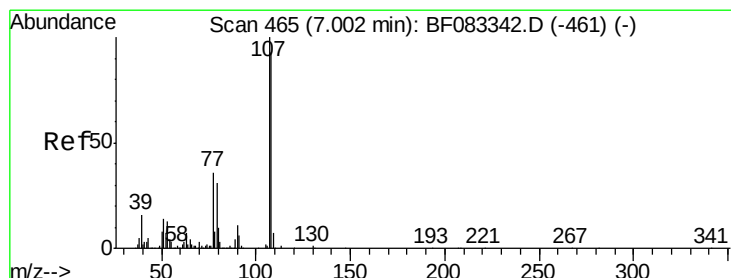
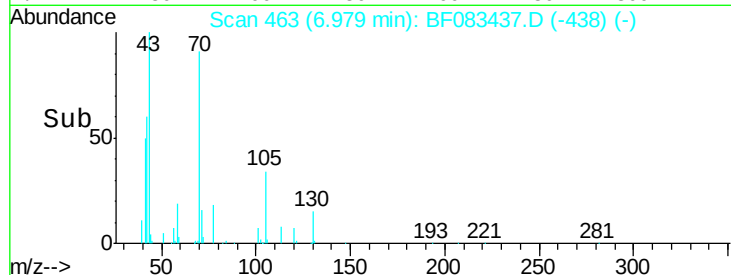
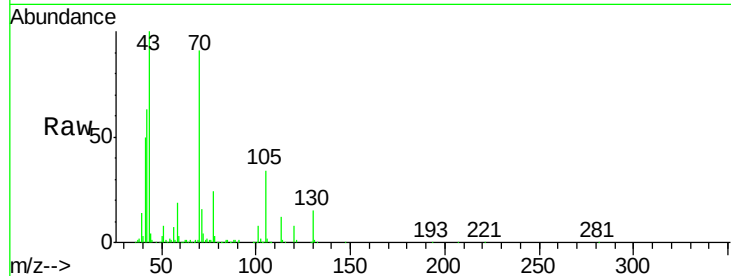
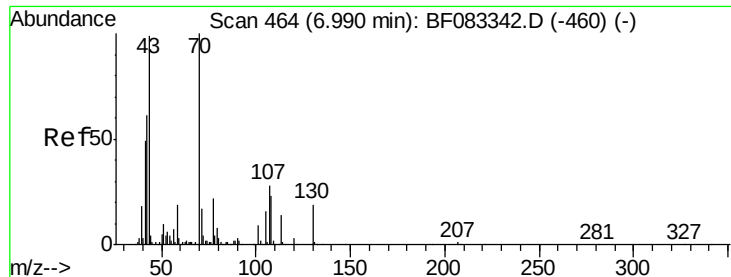
119 94.6 77.3 115.9

201 68.2 60.6 90.8



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





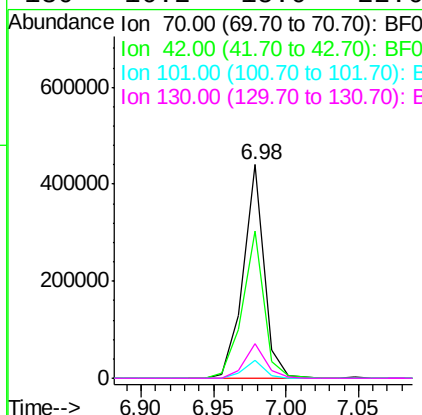
#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.8	48.8	73.2	
101	8.3	7.1	10.7	
130	16.2	15.0	22.6	

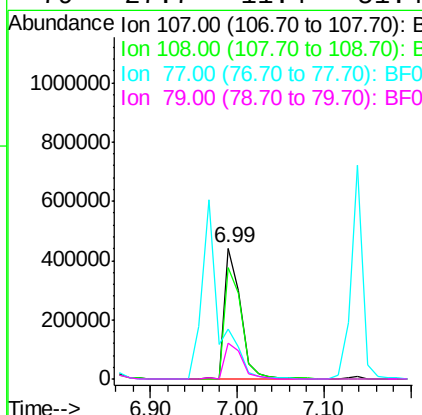
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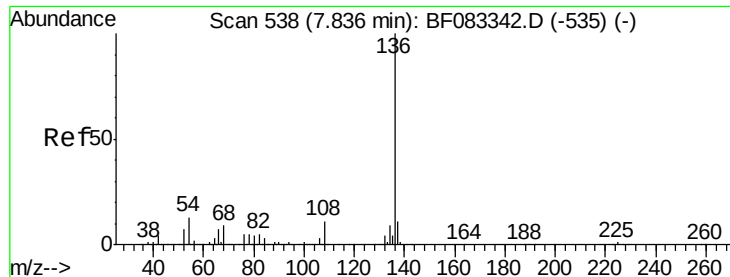
Mmdadoda
12/3/2015 7:09:54 PM



#20
3+4-Methylphenols
Concen: 39.12 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	73.0	113.0	
77	37.8	16.8	56.8	
79	27.7	11.4	51.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

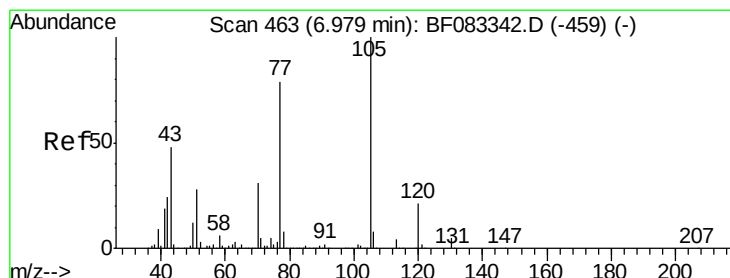
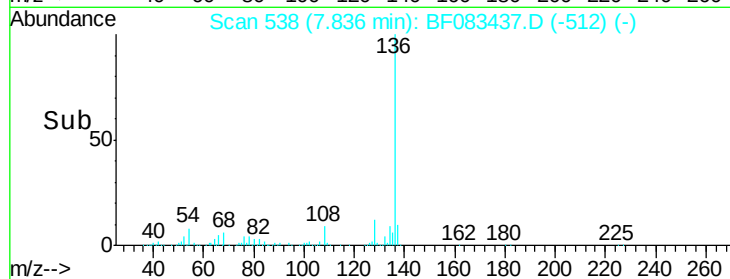
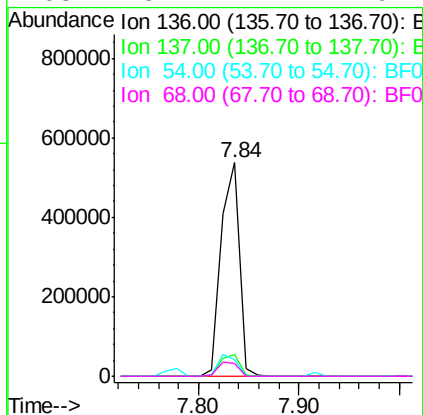
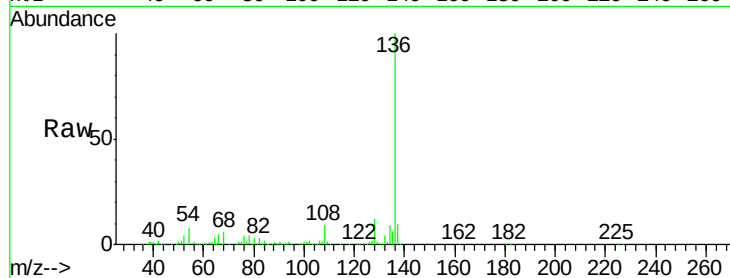
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		677941		
137	10.4	9.0	13.4		
54	7.9	10.1	15.1#		
68	5.7	7.1	10.7#		

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#22

Acetophenone

Concen: 37.68 ng

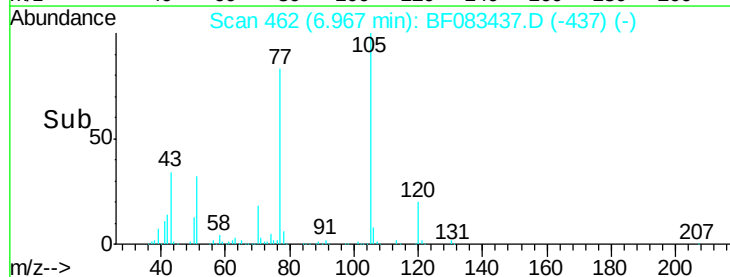
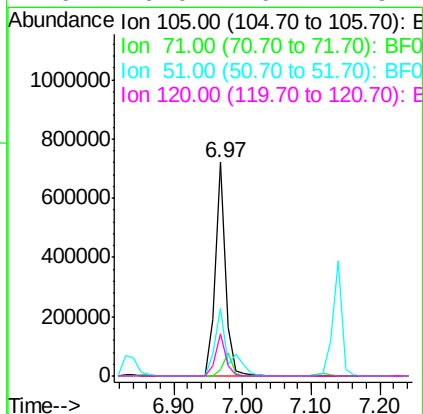
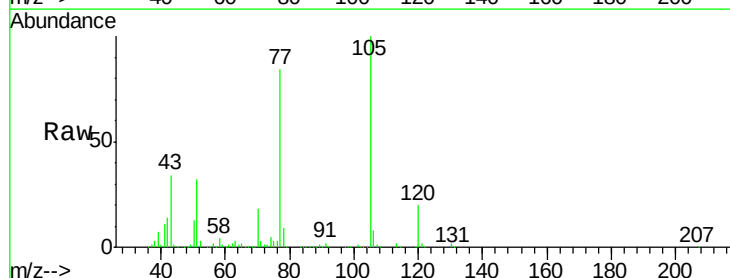
RT: 6.97 min Scan# 462

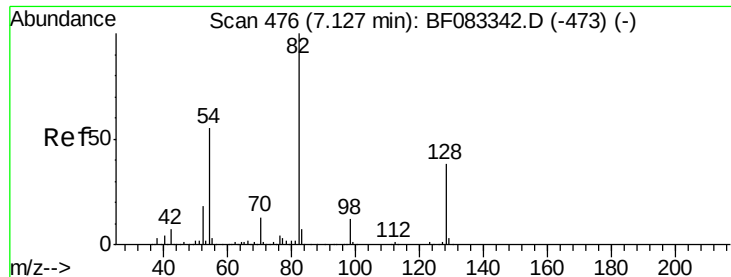
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		764234		
71	3.1	4.3	6.5#		
51	31.8	22.9	34.3		
120	20.0	16.7	25.1		





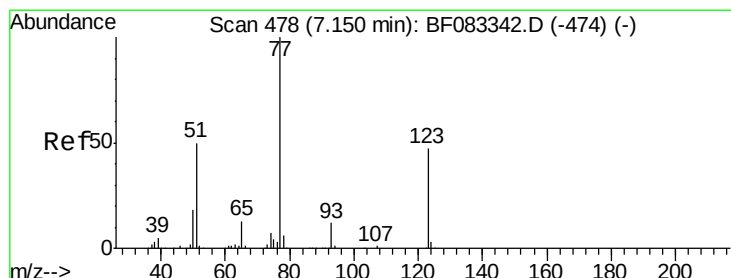
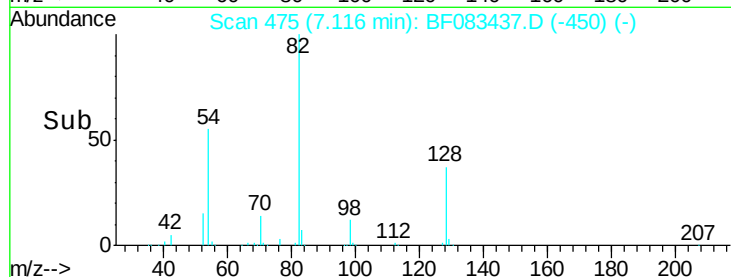
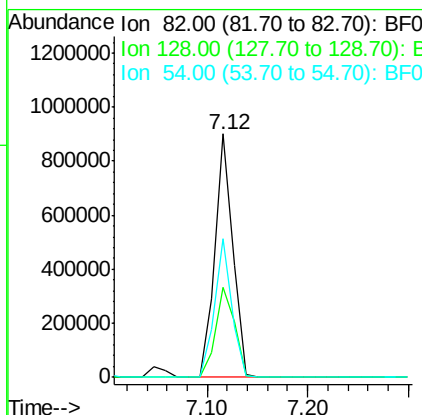
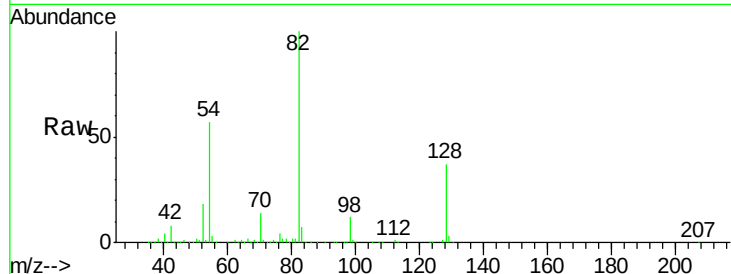
#23
Nitrobenzene-d5
Concen: 72.40 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1116496
Ion Ratio	100	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	57.0	43.8	65.6

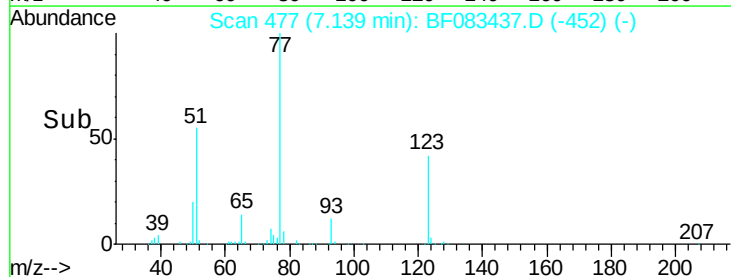
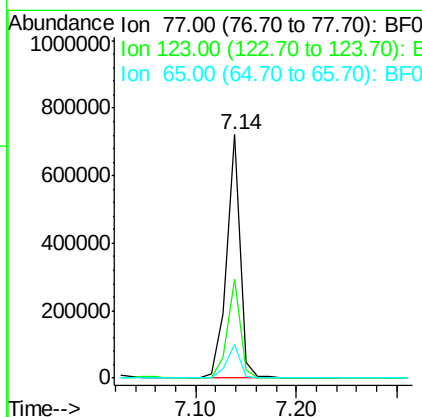
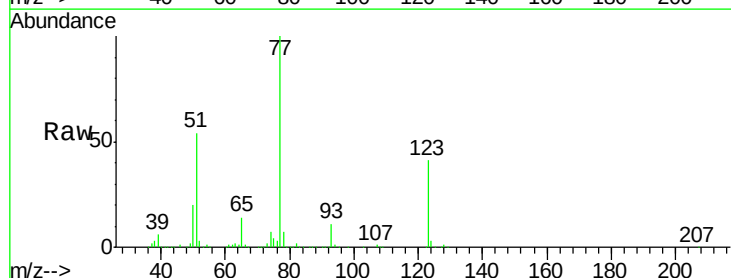
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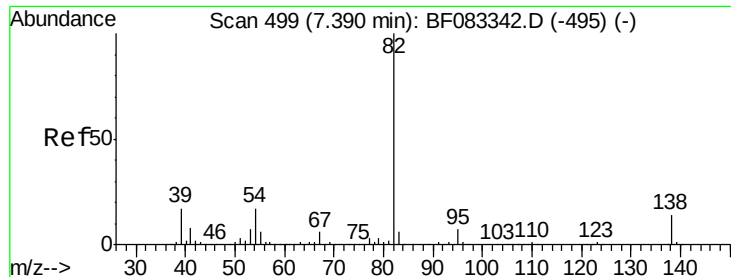
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#24
Nitrobenzene
Concen: 41.00 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	77	Resp	675261
Ion Ratio	100	Lower	Upper
77	100		
123	40.9	37.4	56.0
65	13.9	10.6	15.8





#25

Isophorone

Concen: 37.10 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1108198

Ion Ratio Lower Upper

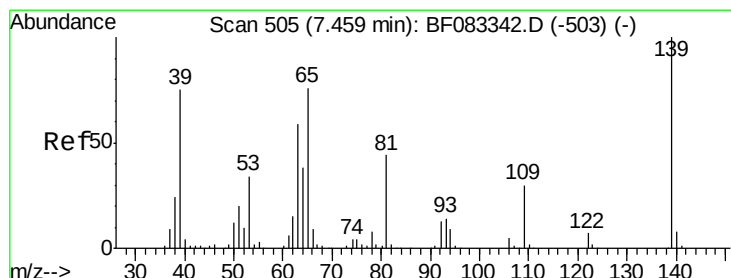
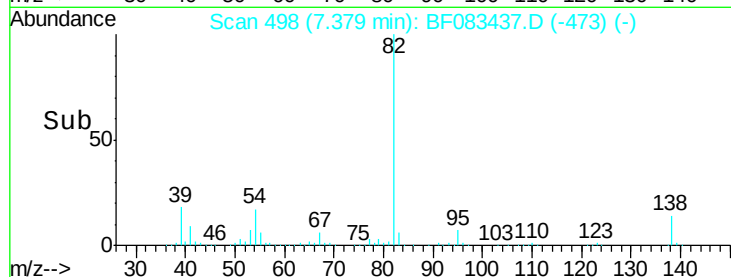
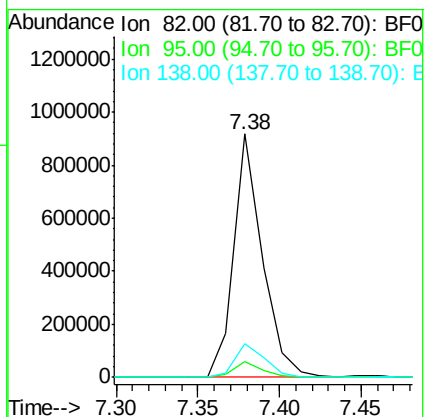
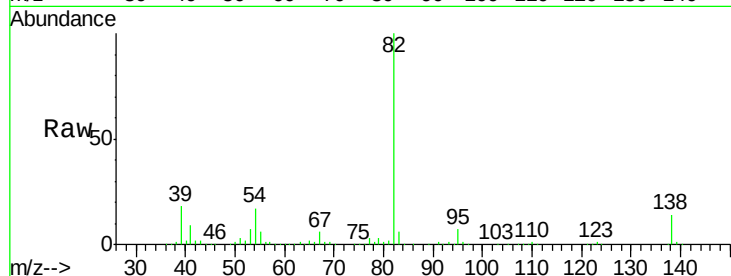
82 100

95 6.6 5.3 7.9

138 13.8 11.6 17.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.34 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

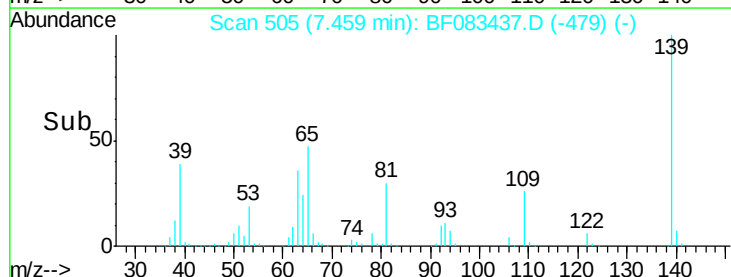
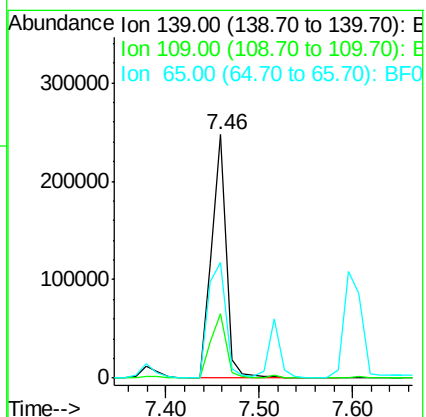
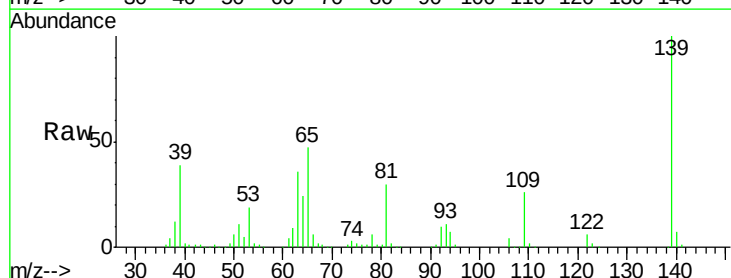
Tgt Ion: 139 Resp: 271213

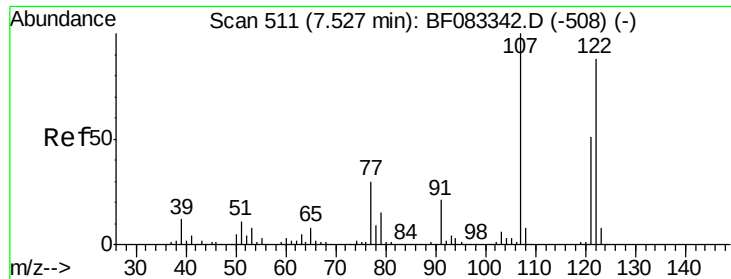
Ion Ratio Lower Upper

139 100

109 26.3 24.2 36.4

65 47.3 61.0 91.6#





#27

2,4-Dimethylphenol

Concen: 38.49 ng

RT: 7.52 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

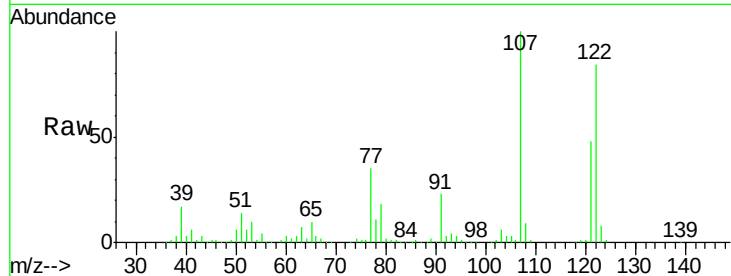
ClientSampleId :

SSTDCCC040

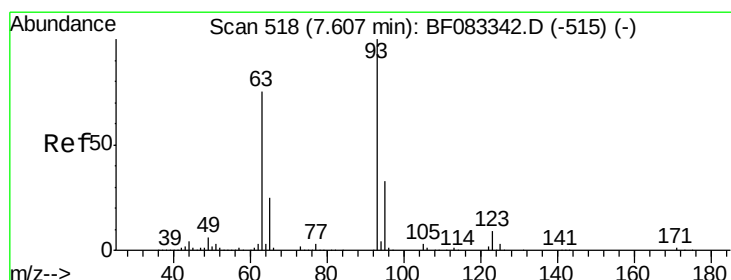
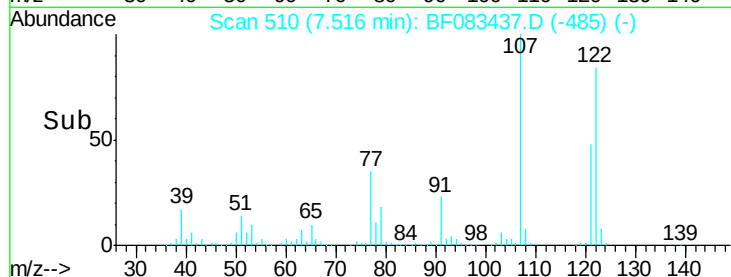
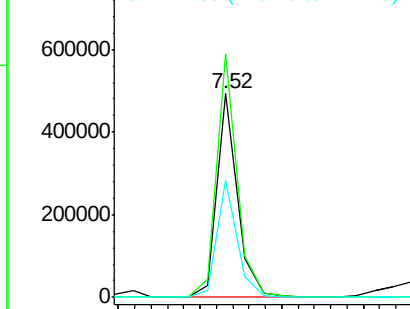
Tot Ion:	122	Resp:	433712
Ion Ratio	Lower	Upper	
122	100		
107	119.7	91.2	136.8
121	57.8	46.4	69.6

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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: 36.53 ng

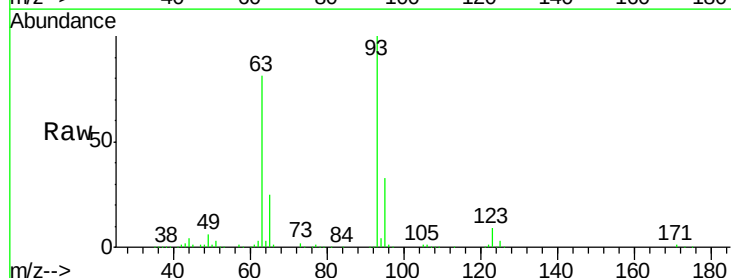
RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

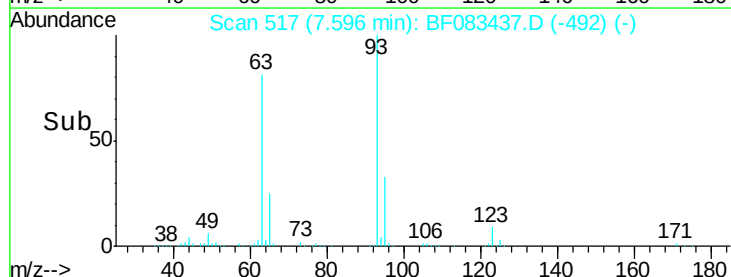
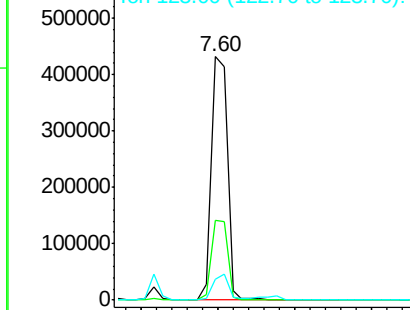
Lab File: BF083437.D

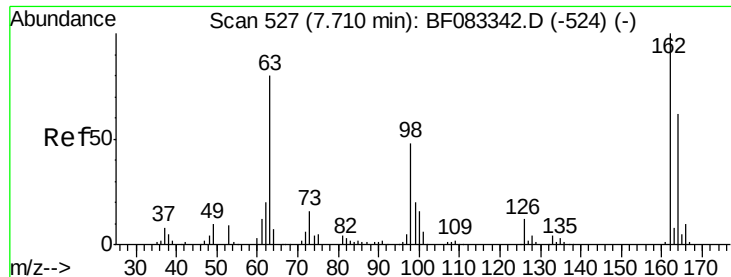
Acq: 3 Dec 2015 1:37

Tgt Ion:	93	Resp:	621461
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.1	39.1
123	8.8	7.4	11.0



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





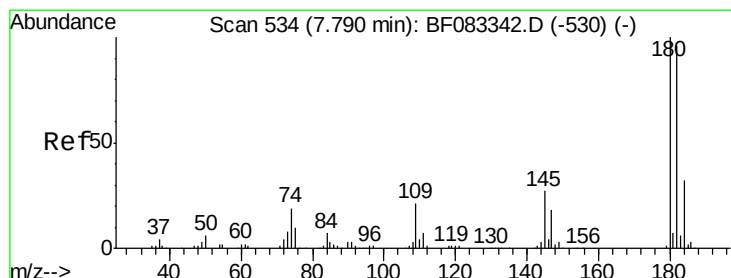
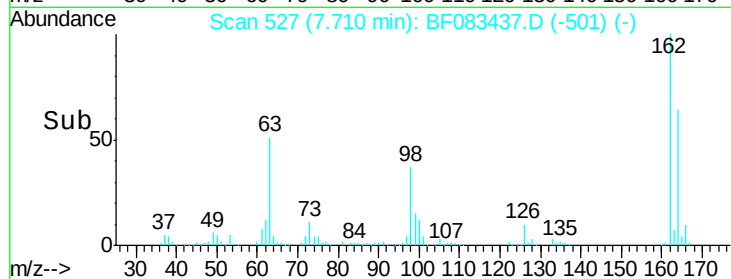
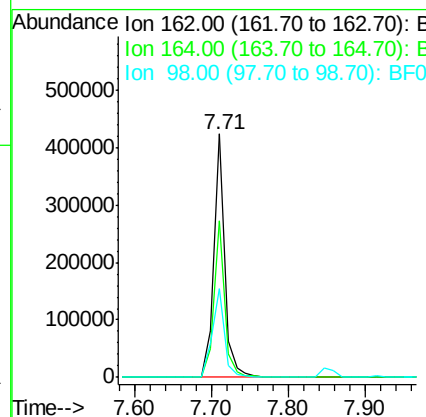
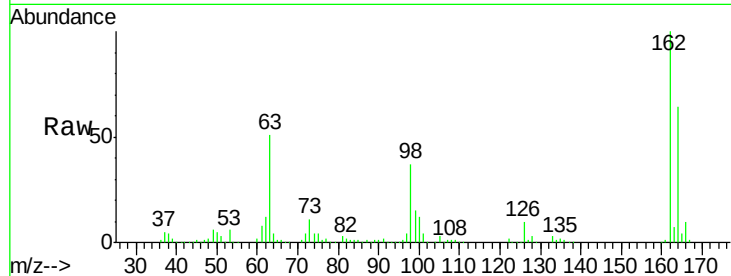
#29
 2,4-Dichlorophenol
 Concen: 37.87 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	41.9	81.9
98	36.6	28.1	68.1

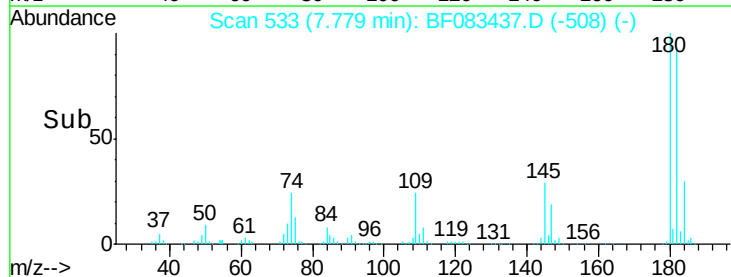
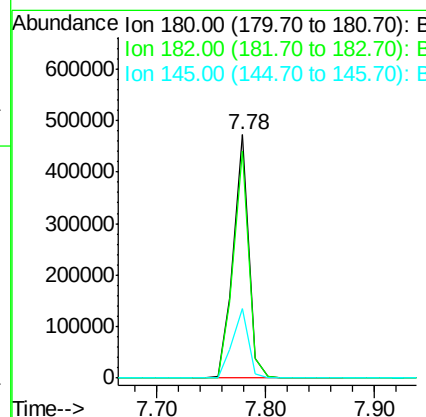
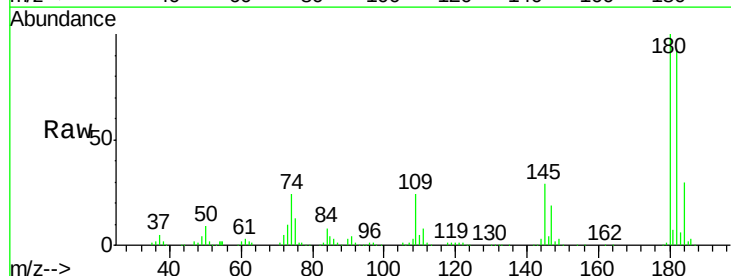
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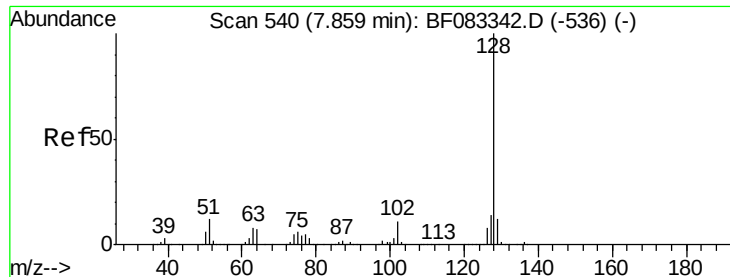
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.16 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	77.2	115.8
145	28.6	21.4	32.2





#31

Naphthalene

Concen: 37.00 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1361127

Ion Ratio Lower Upper

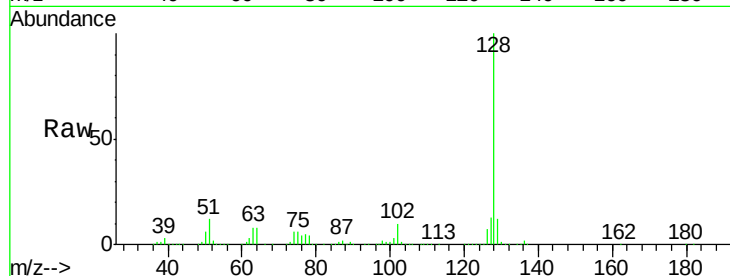
128 100

129 11.6 9.7 14.5

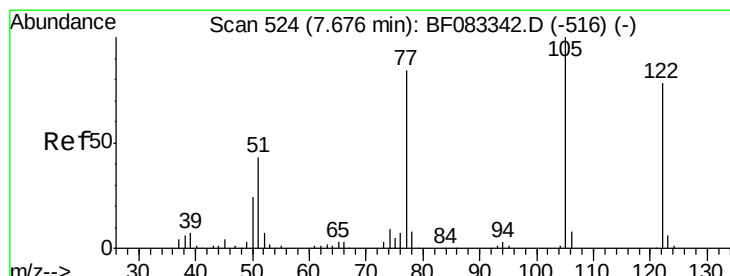
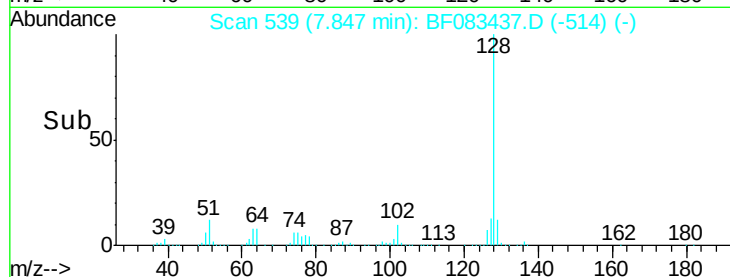
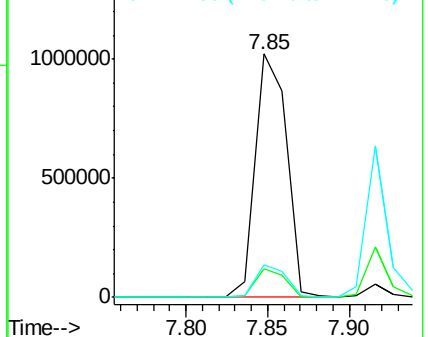
127 13.1 11.0 16.4

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



#32

Benzoic acid

Concen: 38.43 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

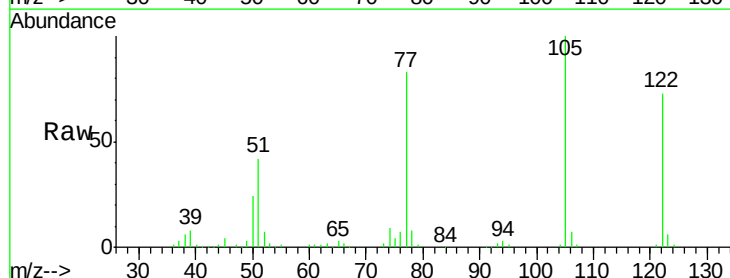
Tgt Ion:122 Resp: 298722

Ion Ratio Lower Upper

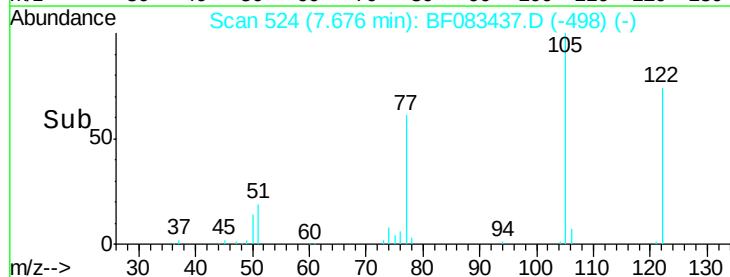
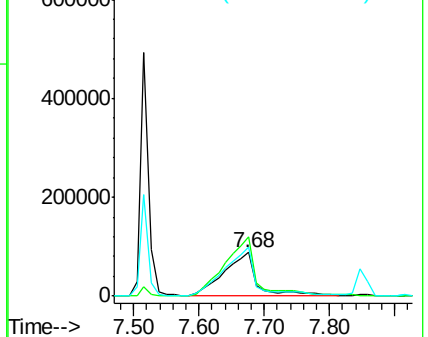
122 100

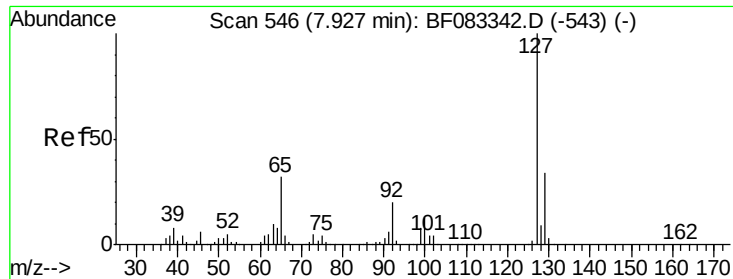
105 136.1 106.0 146.0

77 113.4 86.3 126.3



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





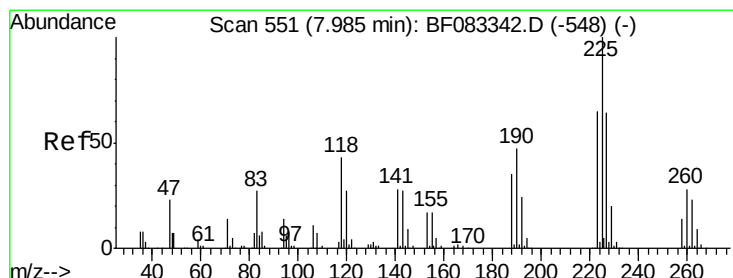
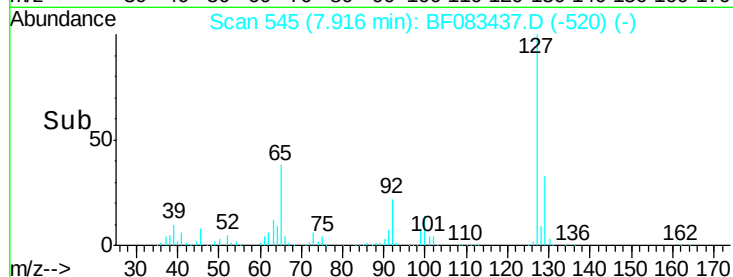
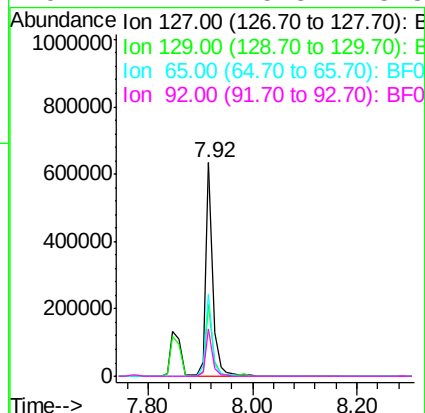
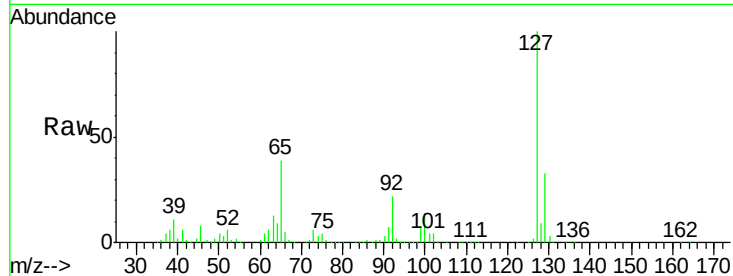
#33
4-Chloroaniline
Concen: 37.58 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	27.0	40.4		
65	38.6	25.9	38.9		
92	22.2	15.8	23.8		

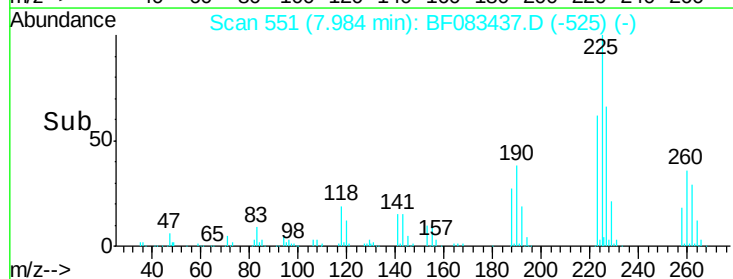
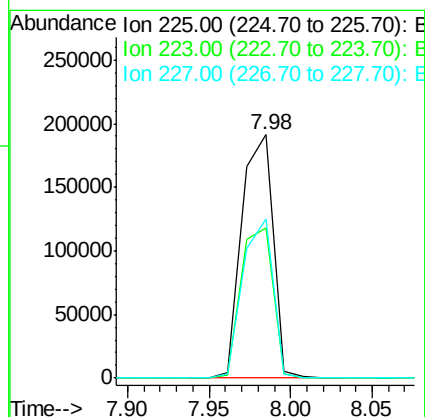
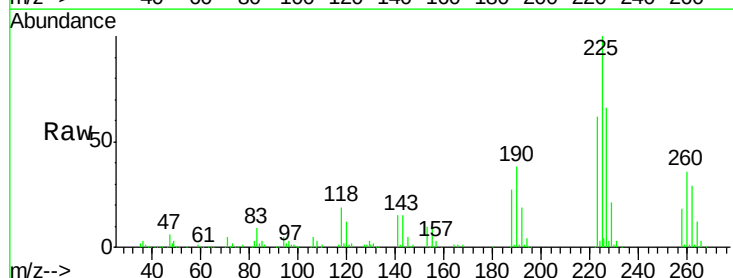
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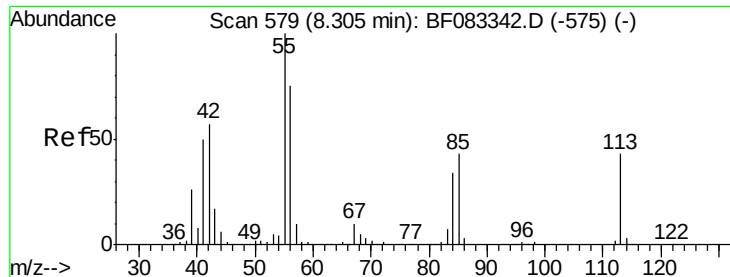
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#34
Hexachlorobutadiene
Concen: 37.75 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	52.0	78.0		
227	65.5	51.1	76.7		





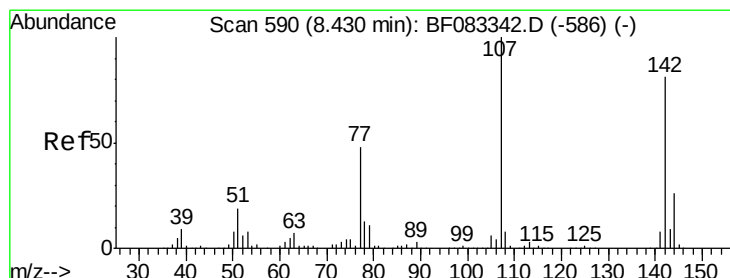
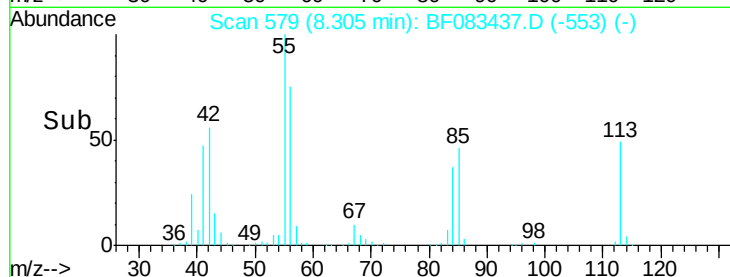
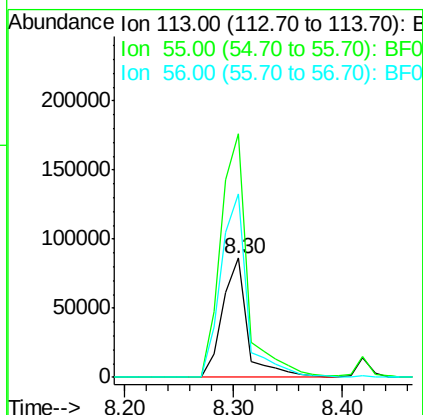
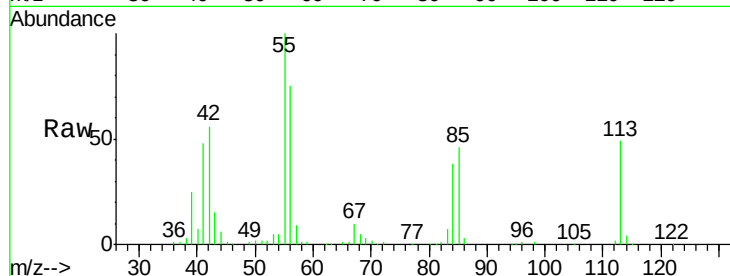
#35
 Caprolactam
 Concen: 39.83 ng
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	204.1	211.6	251.6#	
56	153.4	153.0	193.0	

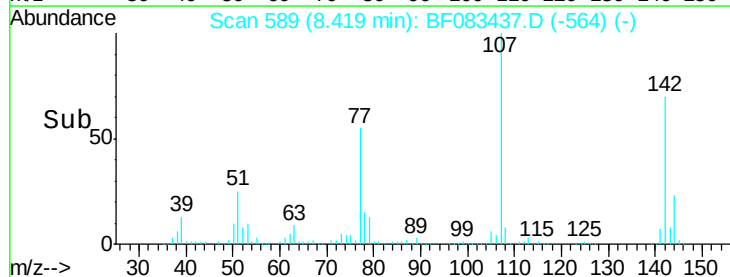
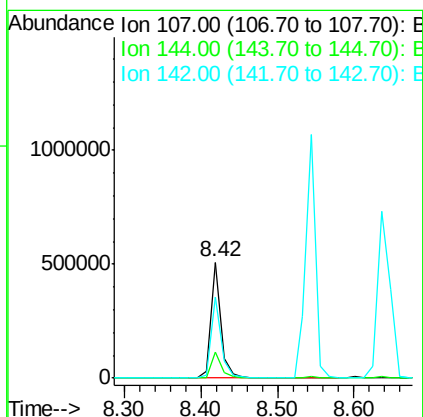
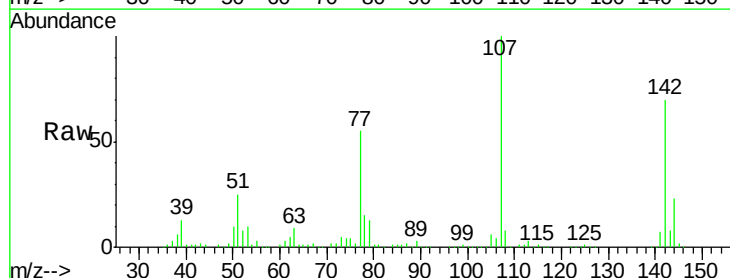
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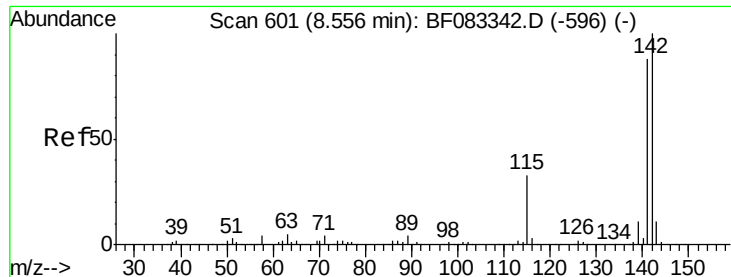
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#36
 4-Chloro-3-methylphenol
 Concen: 37.44 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	21.1	31.7	
142	70.1	65.1	97.7	





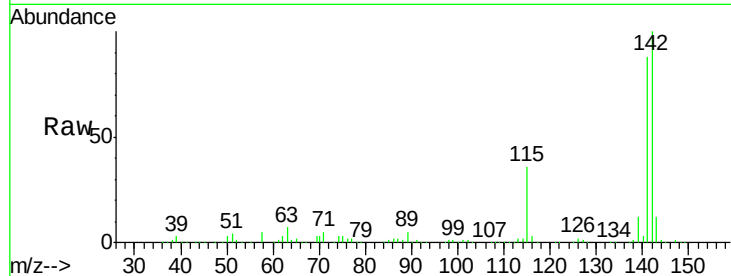
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

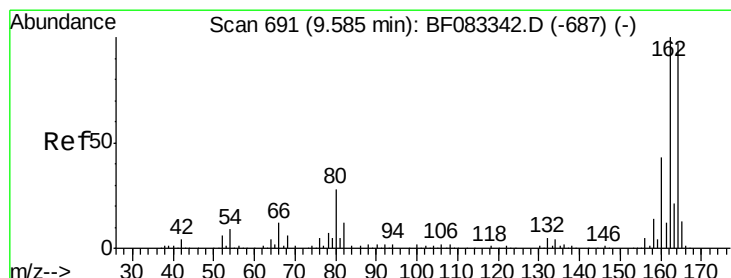
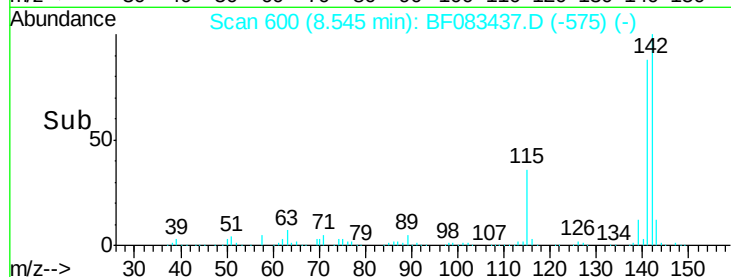
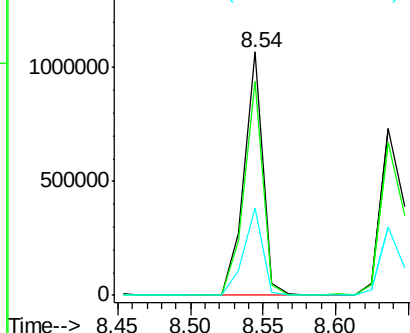
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	105.8
115	35.9	26.2	39.2

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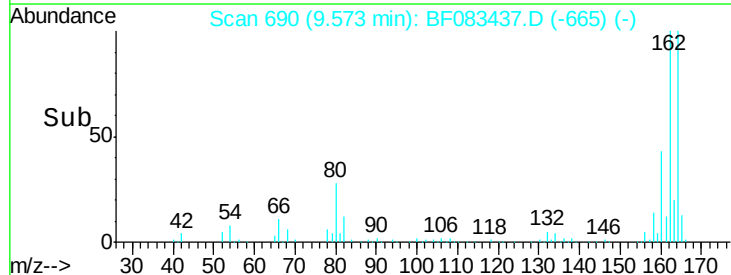
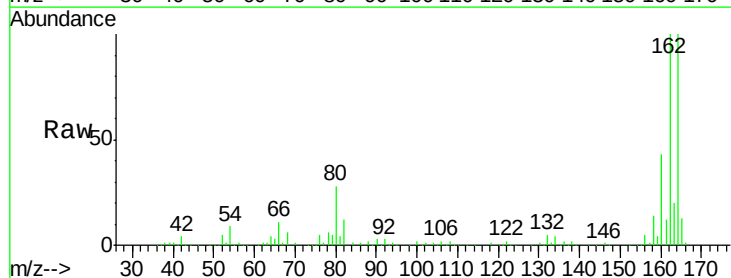
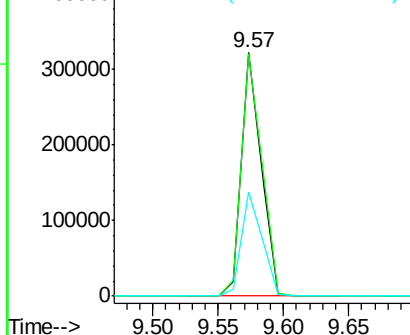
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

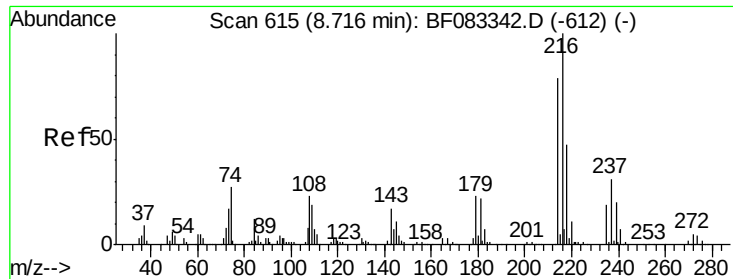


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	42.5	35.3	52.9

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





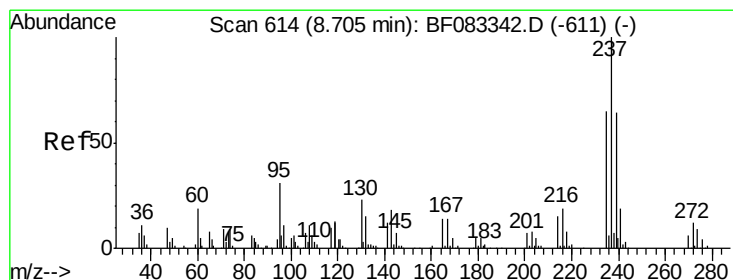
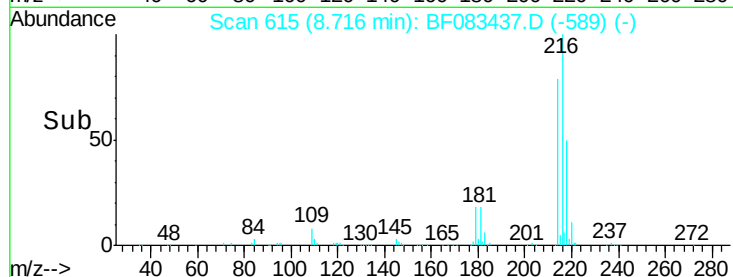
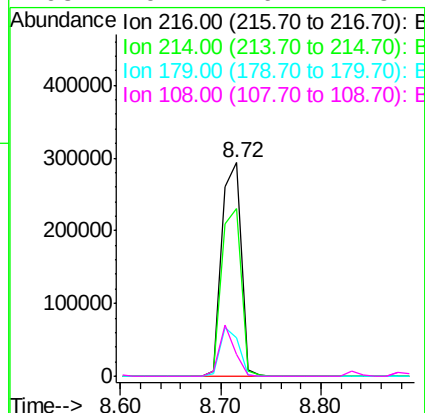
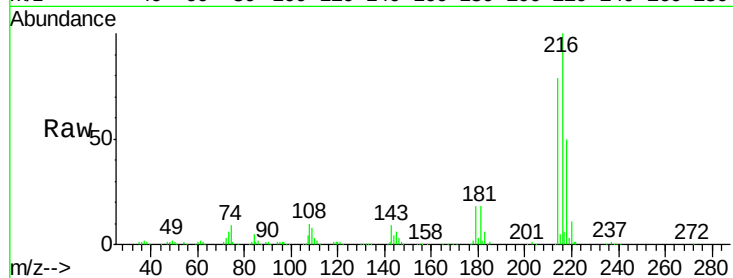
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.92 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	216	Resp:	393329
Ion Ratio		Lower	Upper
216	100		
214	79.4	62.3	93.5
179	21.7	17.0	25.4
108	19.2	16.7	25.1

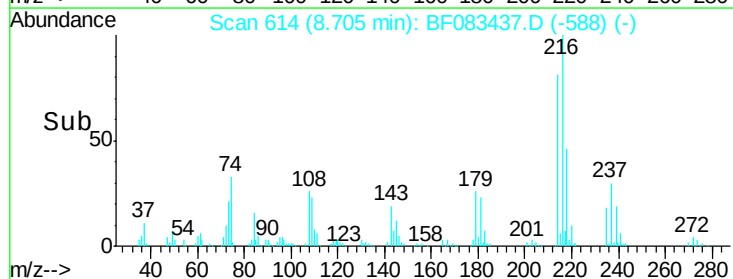
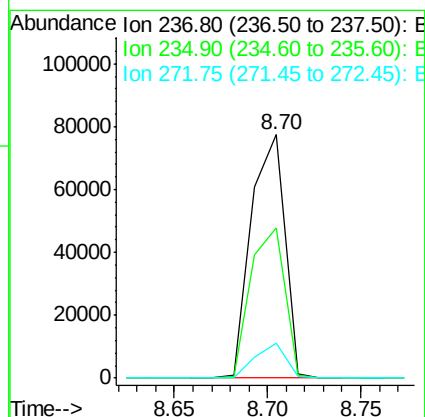
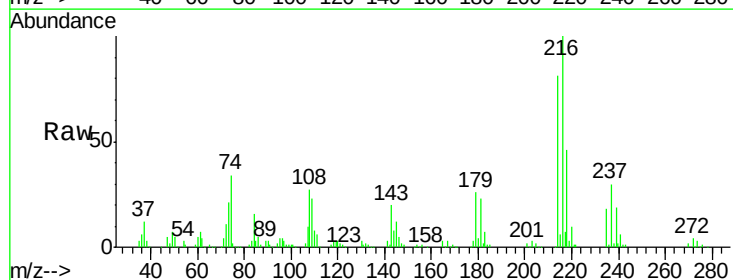
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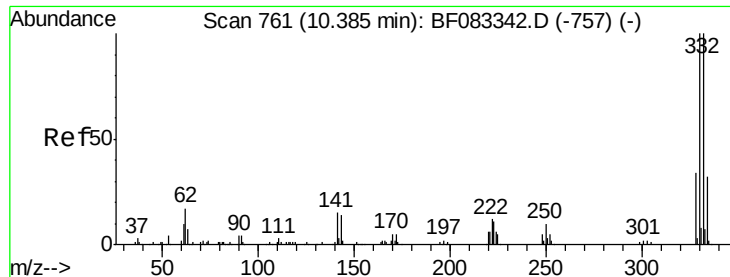
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#40
Hexachlorocyclopentadiene
Concen: 19.07 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:	237	Resp:	96513
Ion Ratio		Lower	Upper
237	100		
235	61.5	44.5	84.5
272	14.3	0.0	31.6





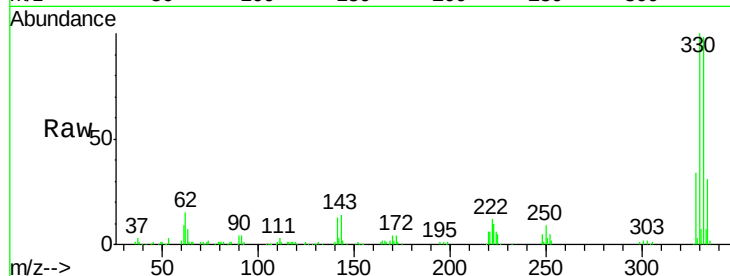
#41
 2,4,6-Tribromophenol
 Concen: 70.31 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

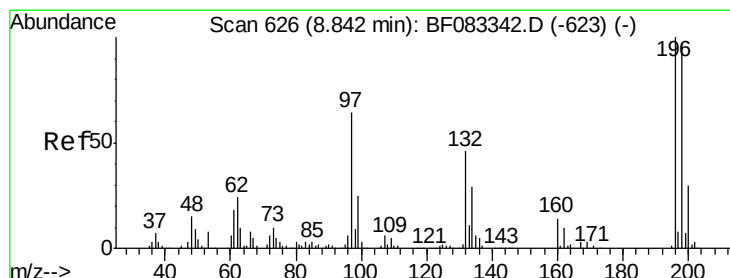
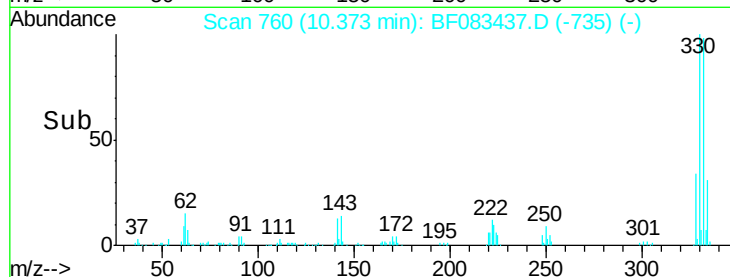
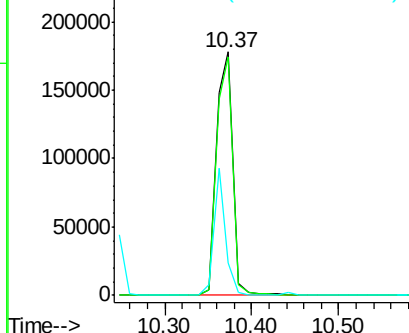
Tot Ion	Ratio	Resp	Lower	Upper
330	100	237190		
332	97.3	77.8	116.6	
141	36.8	29.4	44.0	

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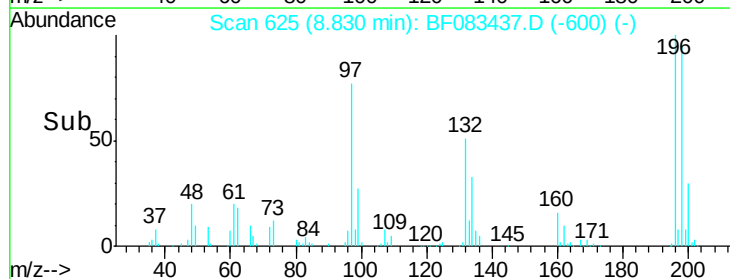
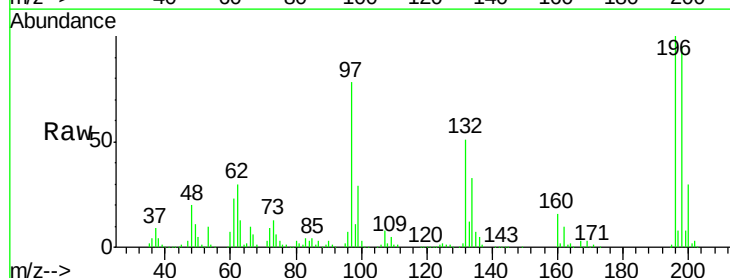
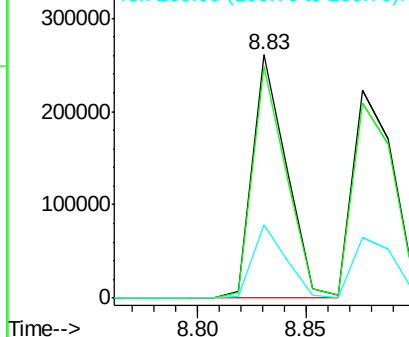
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

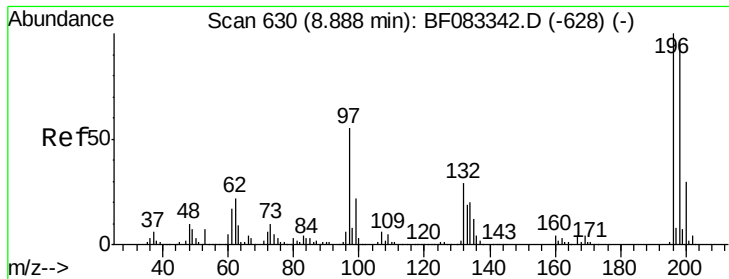


#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 8.83 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284284		
198	95.3	77.2	115.8	
200	29.9	24.2	36.4	

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





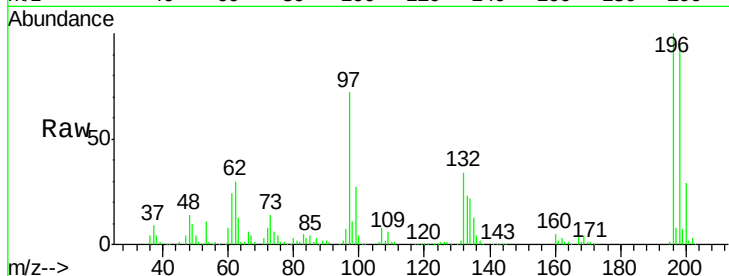
#43
2,4,5-Trichlorophenol
Concen: 38.54 ng
RT: 8.88 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

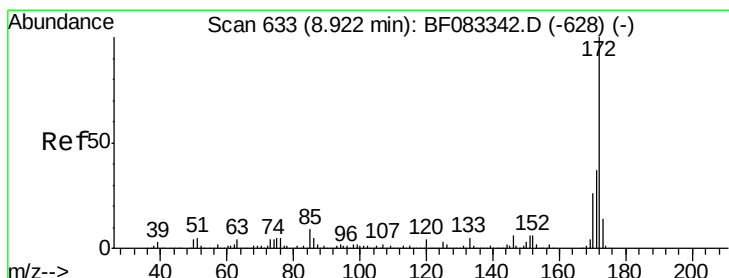
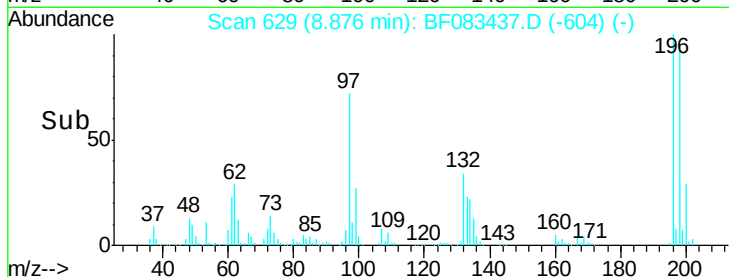
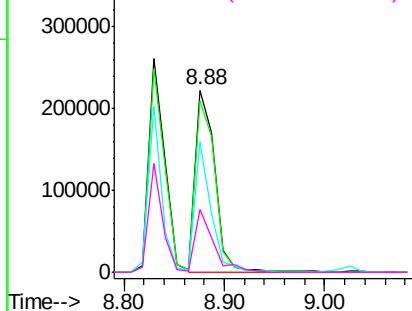
Tot Ion	Ratio	Resp	Lower	Upper
196	100	298399		
198	94.1	77.2	115.8	
97	72.0	44.4	66.6	
132	34.4	23.2	34.8	

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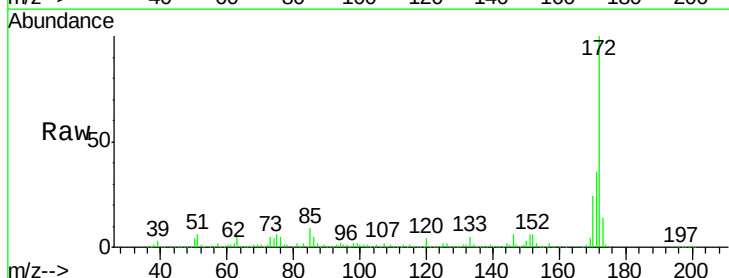


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

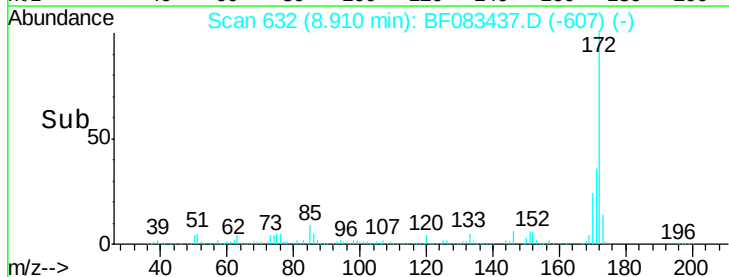
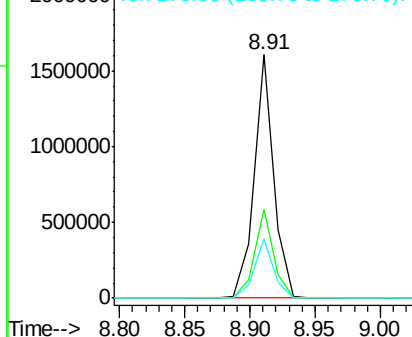


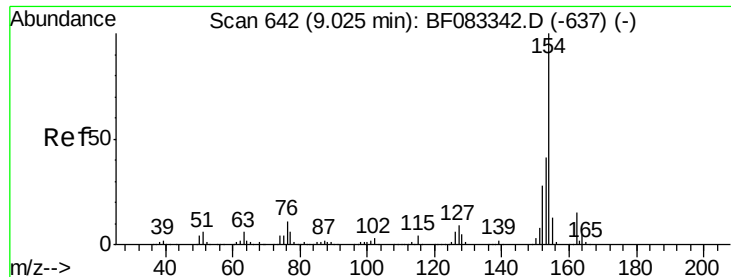
#44
2-Fluorobiphenyl
Concen: 71.08 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1676092		
171	36.5	29.4	44.0	
170	24.2	20.4	30.6	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.37 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1130857

Ion Ratio Lower Upper

154 100

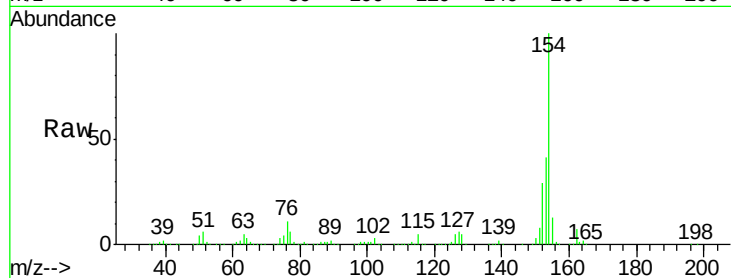
153 40.7 20.6 60.6

76 11.4 0.0 30.5

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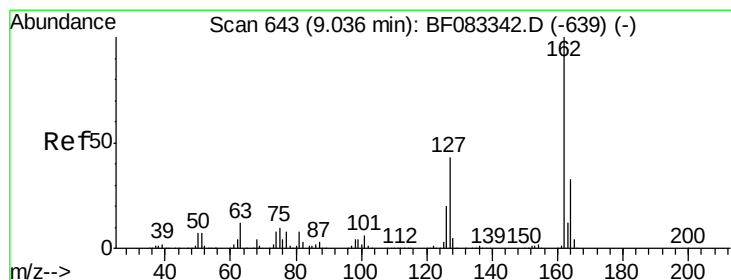
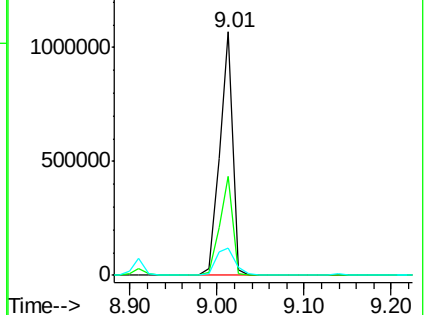
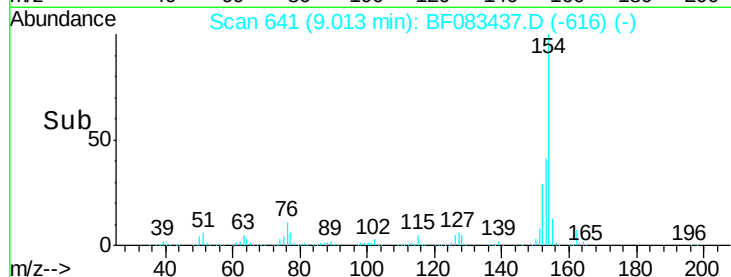
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.81 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

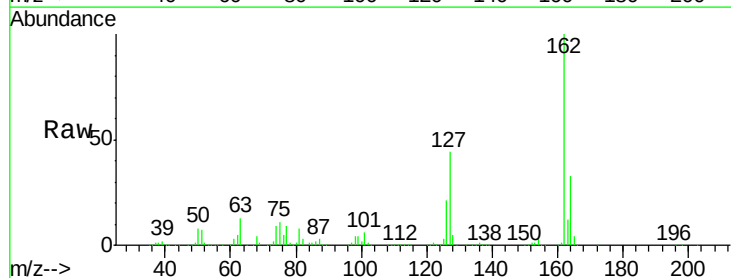
Tgt Ion:162 Resp: 804119

Ion Ratio Lower Upper

162 100

127 44.5 34.1 51.1

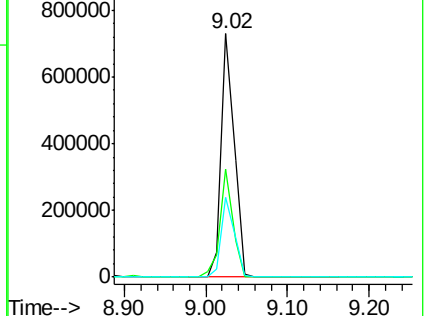
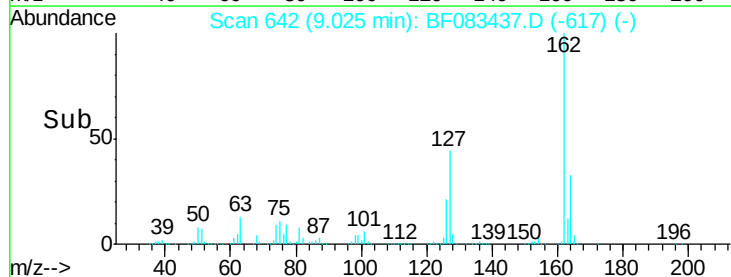
164 32.9 26.6 39.8

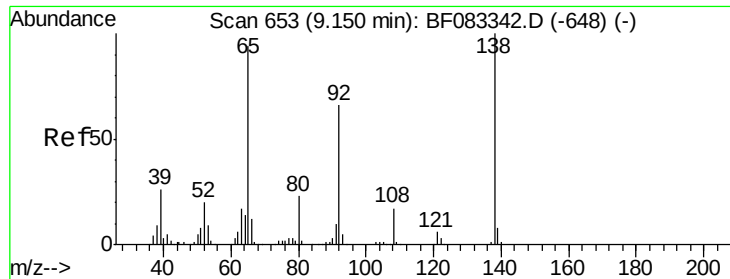


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.33 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

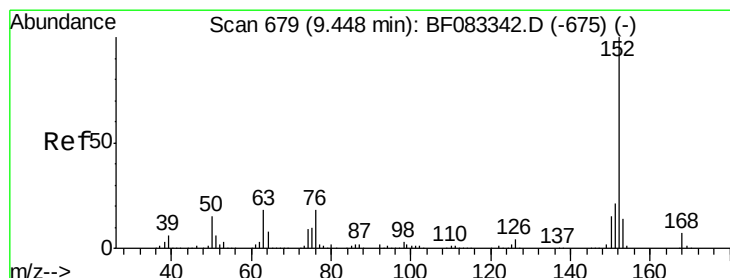
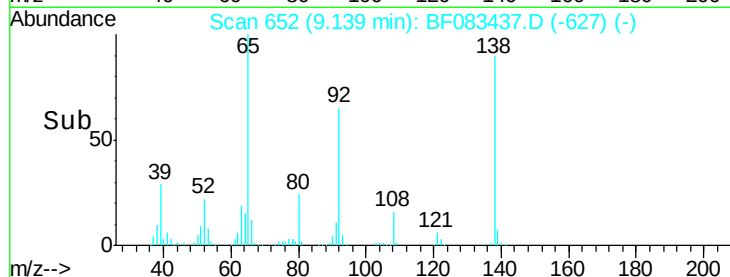
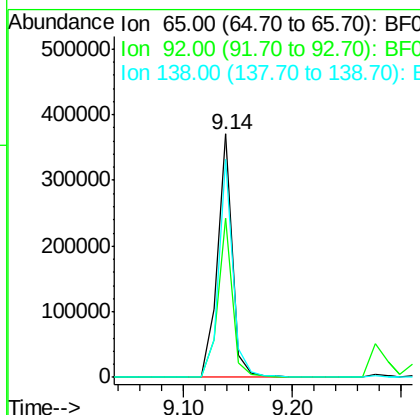
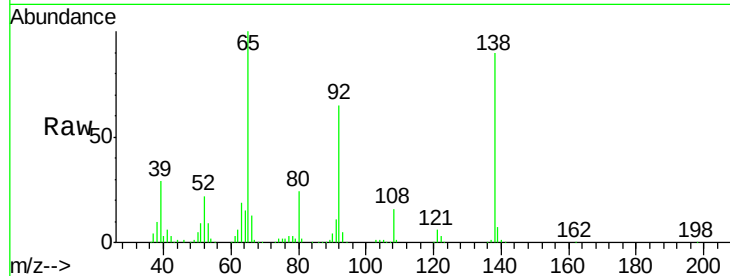
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	358708
Ion Ratio	Lower	Upper	
65	100		
92	65.2	56.2	84.4
138	89.7	85.4	128.0

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#48

Acenaphthylene

Concen: 35.76 ng

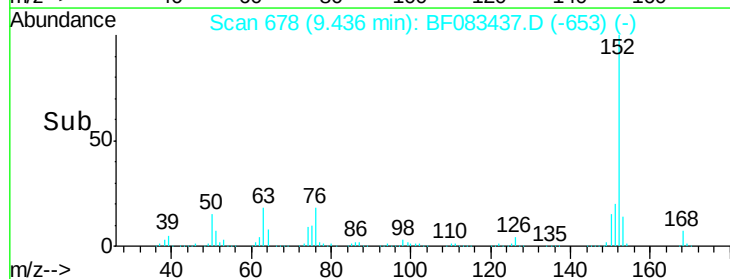
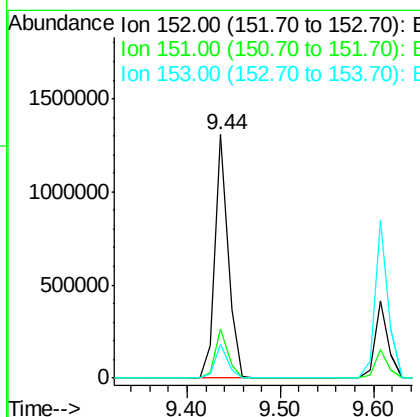
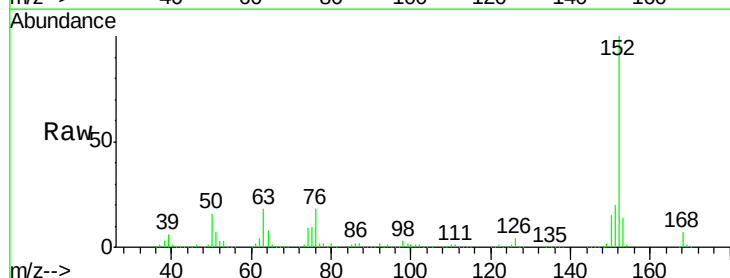
RT: 9.44 min Scan# 678

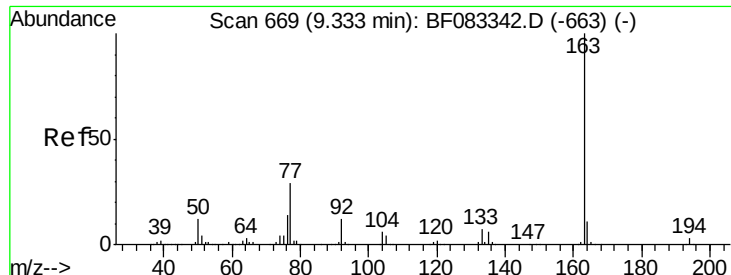
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	152	Resp:	1281000
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.7	25.1
153	13.9	11.2	16.8





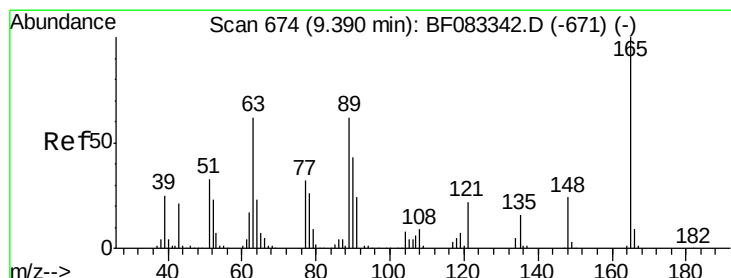
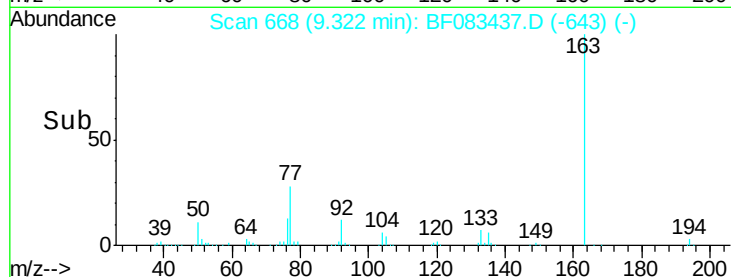
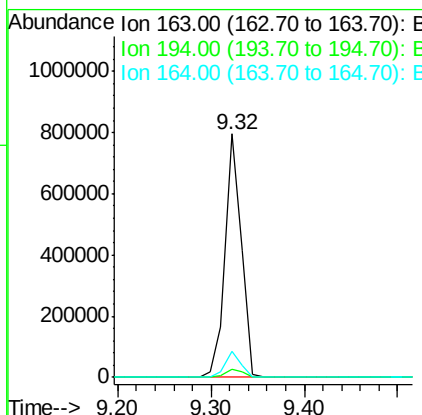
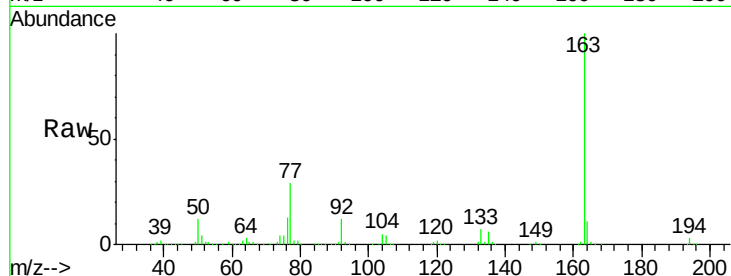
#49
Dimethylphthalate
Concen: 35.32 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	964521		
194	3.2		2.7	4.1
164	10.8		8.8	13.2

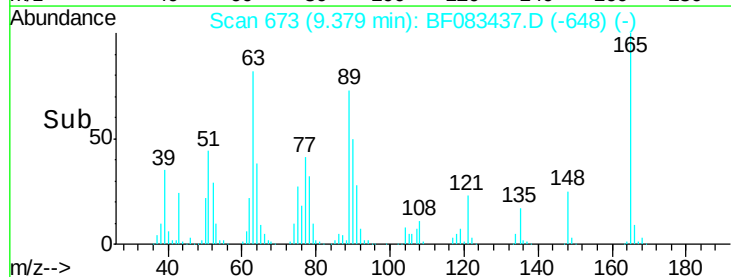
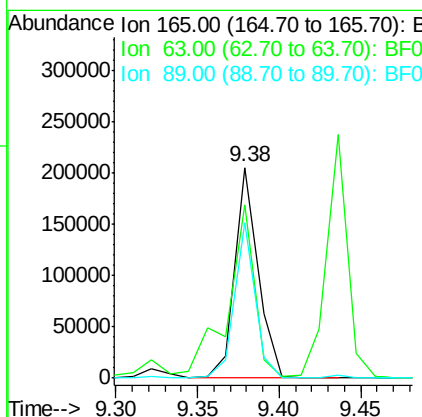
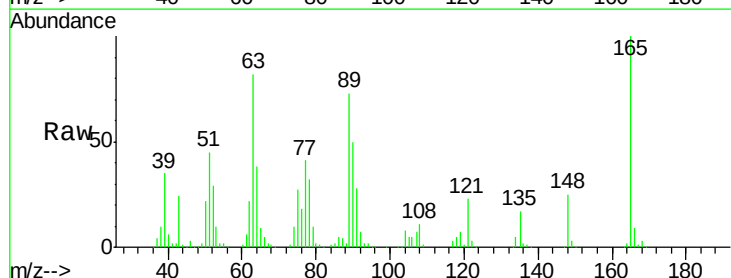
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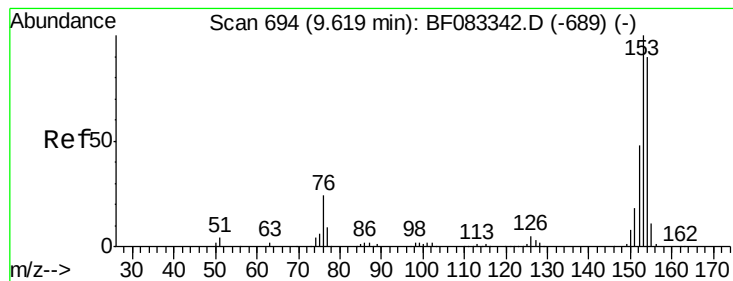
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#50
2,6-Dinitrotoluene
Concen: 34.48 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	201093		
63	81.9		56.0	84.0
89	73.3		49.8	74.8





#51

Acenaphthene

Concen: 35.25 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

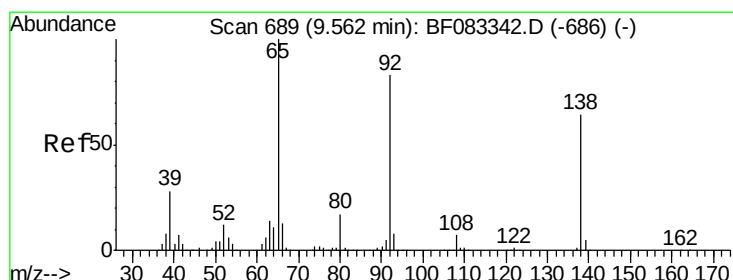
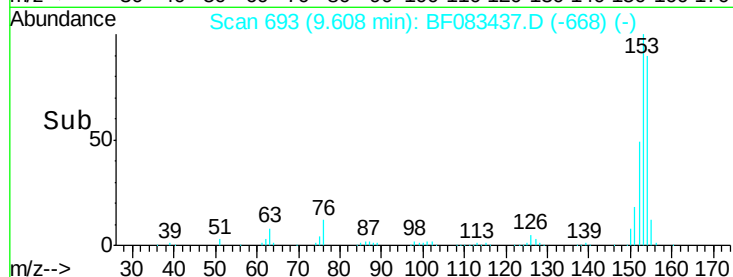
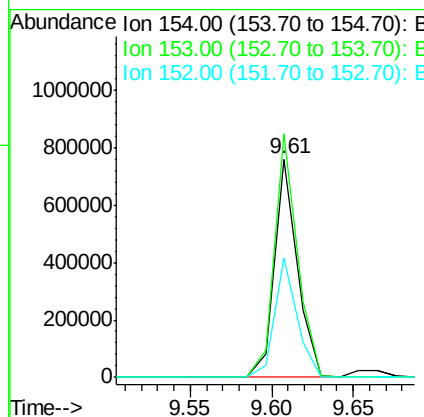
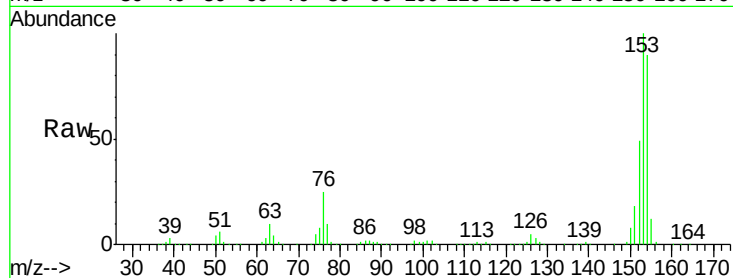
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	742657
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.3	133.9
152	54.6	42.5	63.7

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#52

3-Nitroaniline

Concen: 36.28 ng

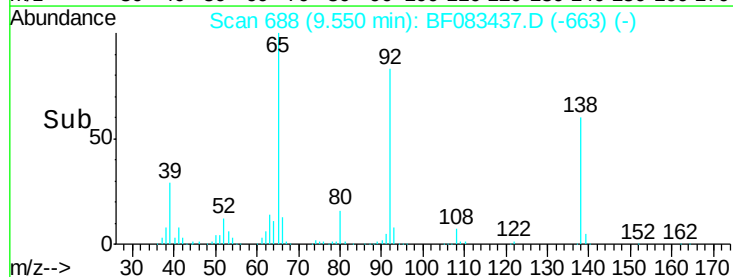
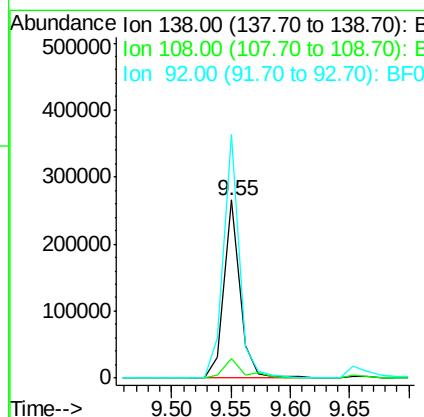
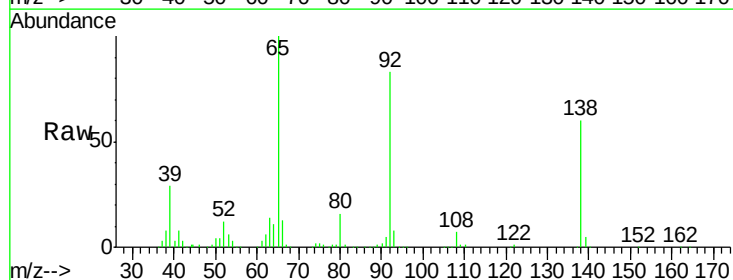
RT: 9.55 min Scan# 688

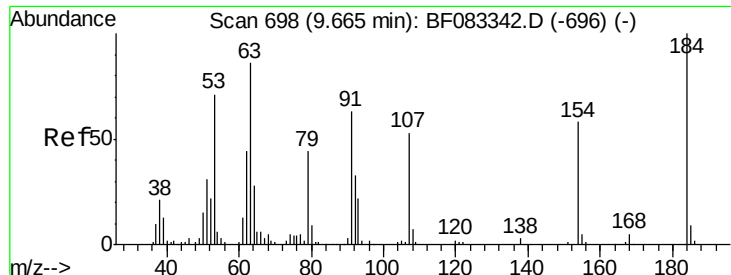
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	138	Resp:	248026
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.4	12.6
92	137.0	104.2	156.4





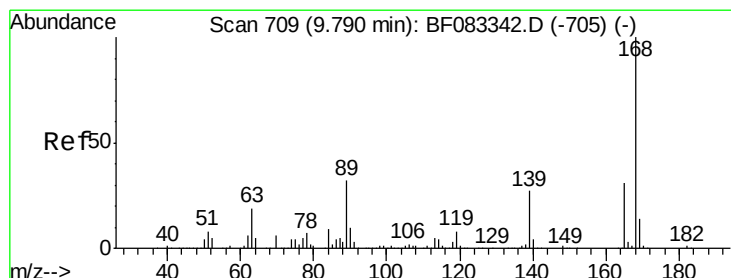
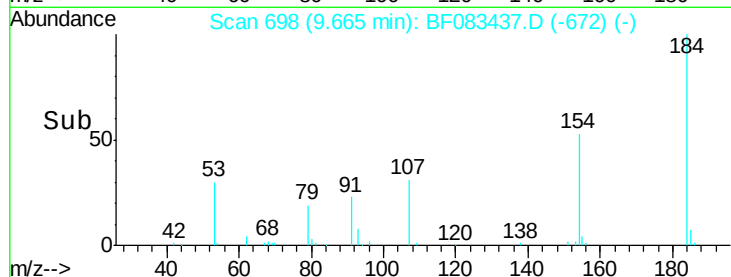
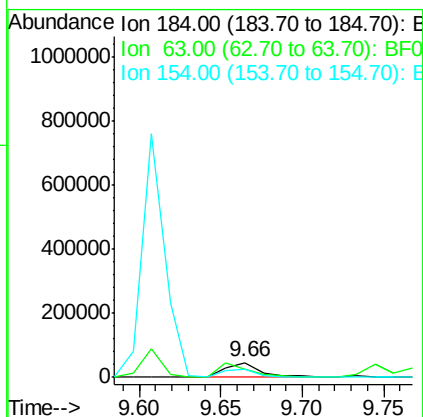
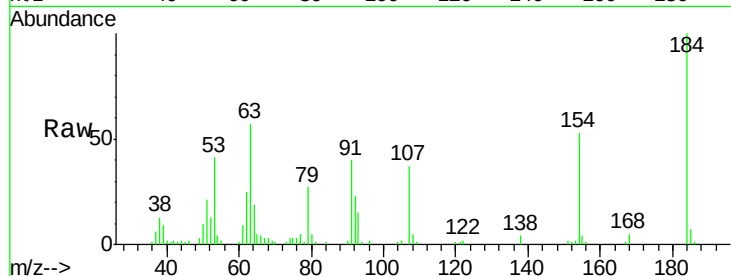
#53
2,4-Dinitrophenol
Concen: 24.43 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.8	69.0	103.6#
154	53.4	50.0	75.0

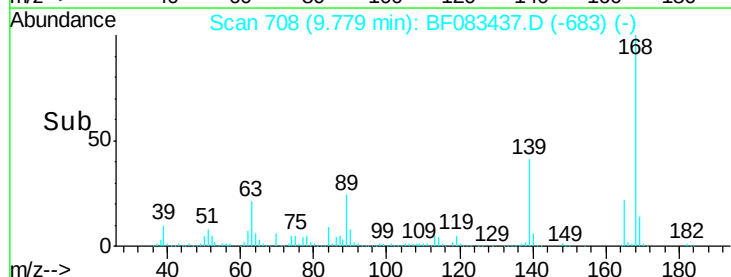
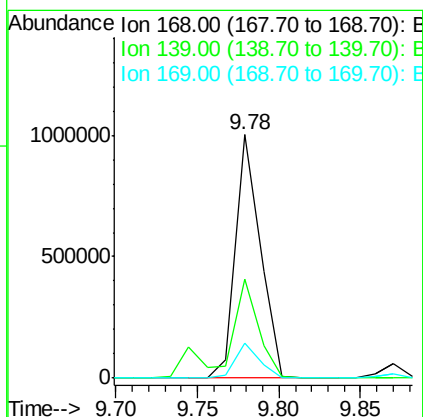
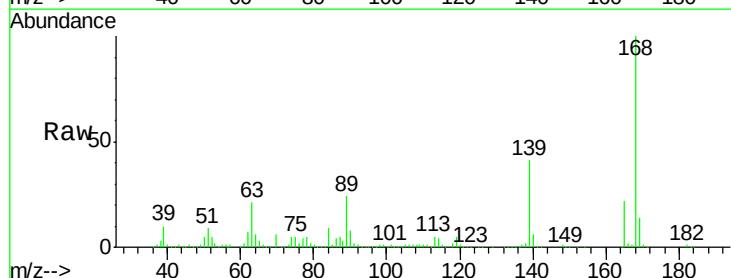
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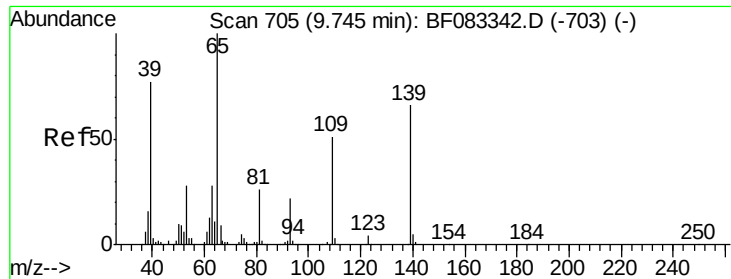
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#54
Dibenzofuran
Concen: 34.11 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.7	49.1
169	14.4	11.1	16.7





#55

4-Nitrophenol

Concen: 28.61 ng/mL

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

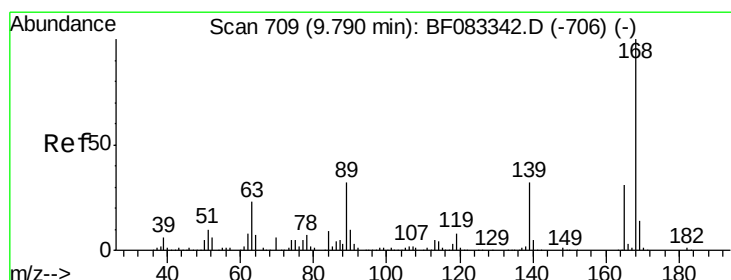
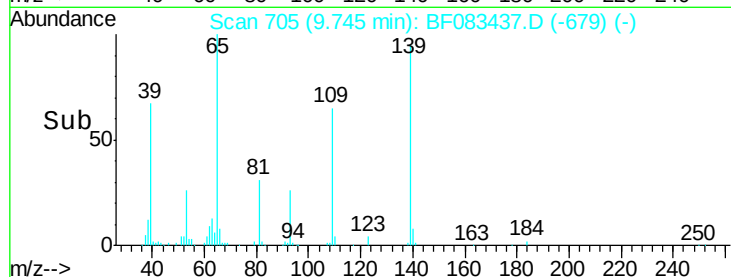
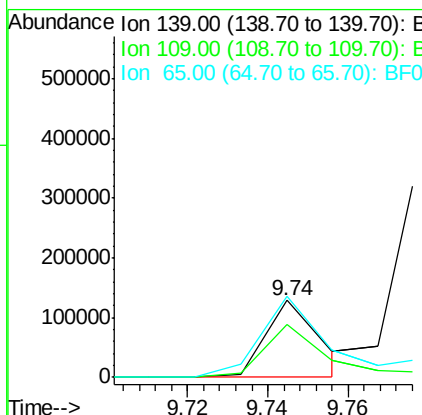
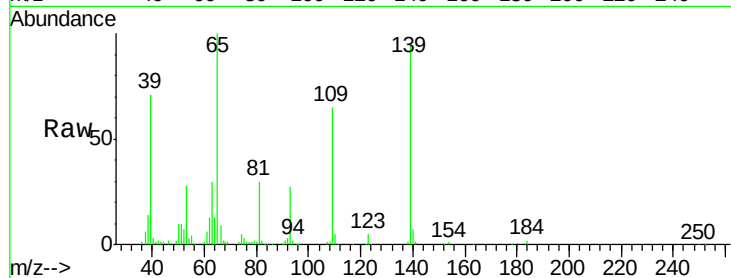
ClientSampleID :

SSTDCCC040

Tot Ion:	139	Resp:	122340
Ion Ratio	Lower	Upper	
139	100		
109	69.0	57.4	97.4
65	106.0	131.6	171.6#

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#56

2,4-Dinitrotoluene

Concen: 35.19 ng/mL

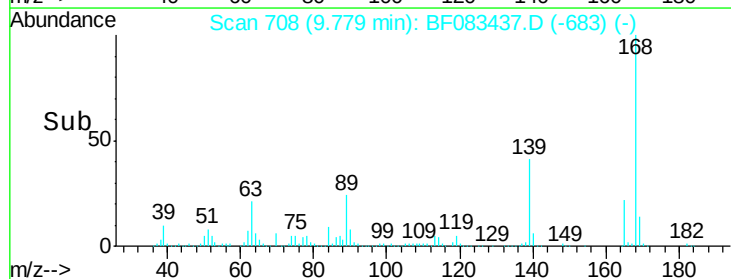
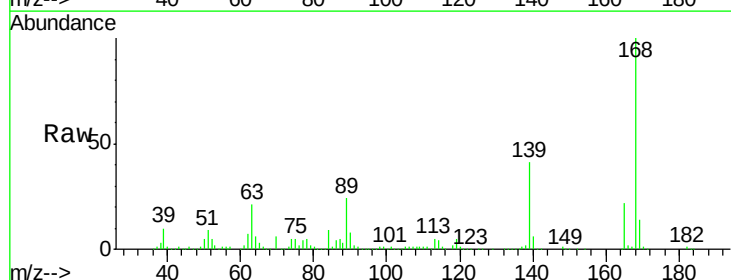
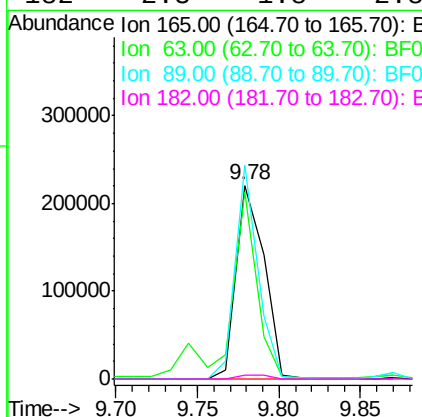
RT: 9.78 min Scan# 708

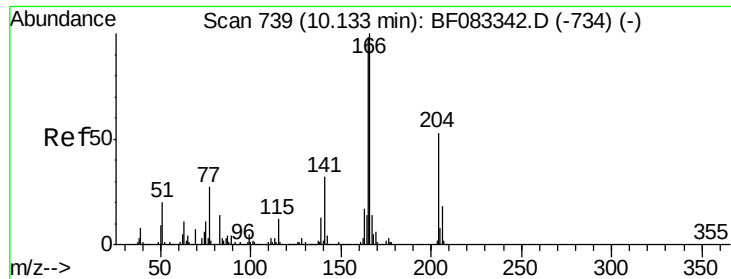
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	165	Resp:	260423
Ion Ratio	Lower	Upper	
165	100		
63	96.3	65.4	98.0
89	110.3	81.2	121.8
182	2.3	1.8	2.8





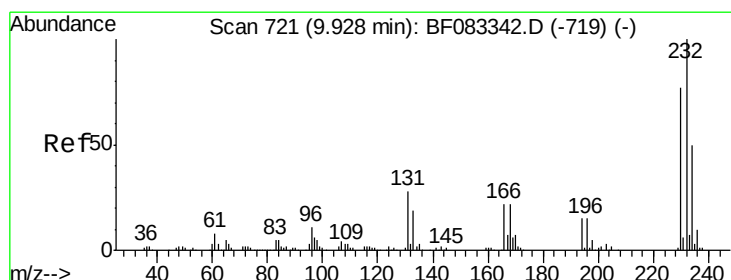
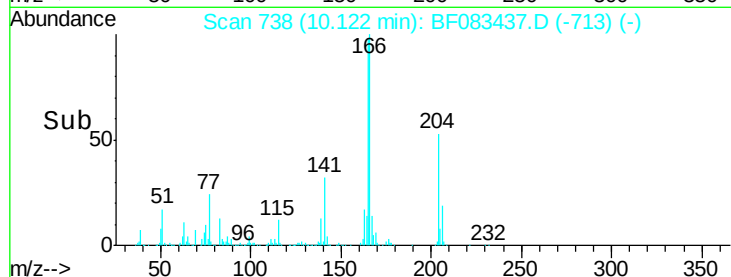
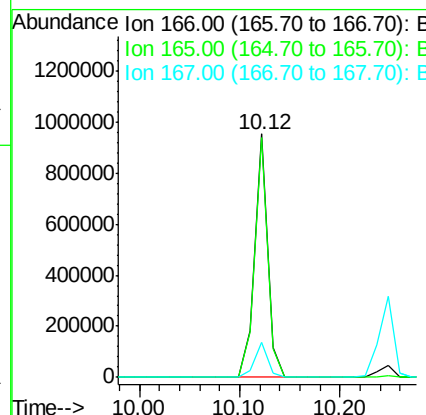
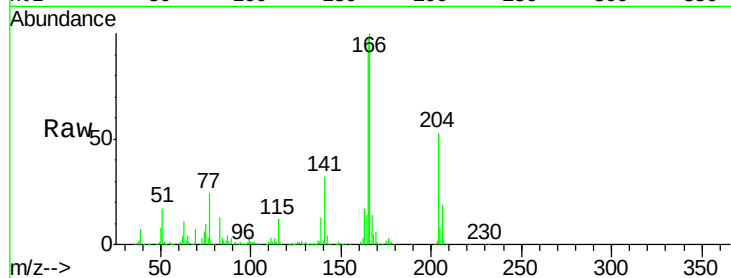
#57
Fluorene
 Concen: 35.63 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		868761		
165	98.3	78.3	117.5		
167	14.1	11.1	16.7		

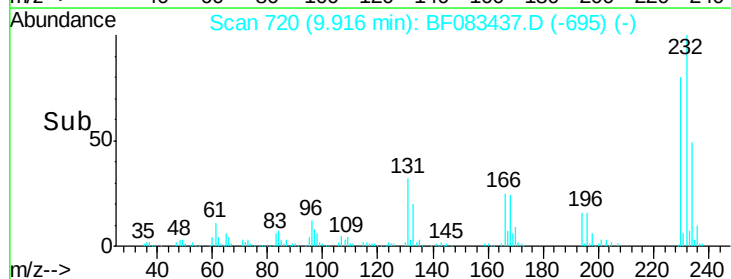
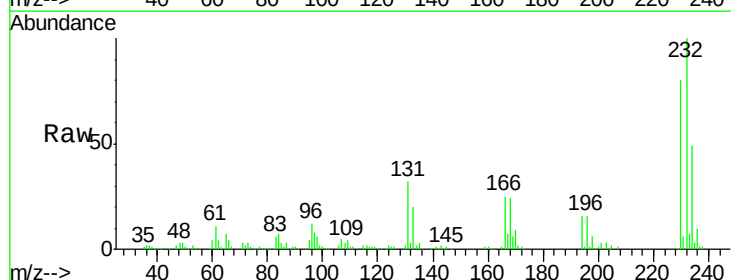
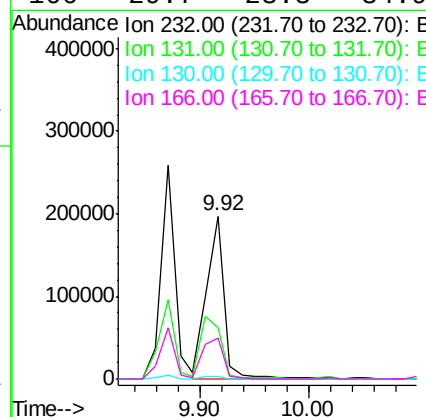
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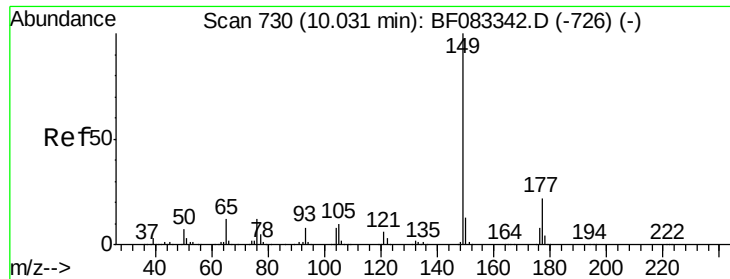
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.55 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		222073		
131	46.2	35.4	53.2		
130	2.2	1.7	2.5		
166	29.7	23.3	34.9		





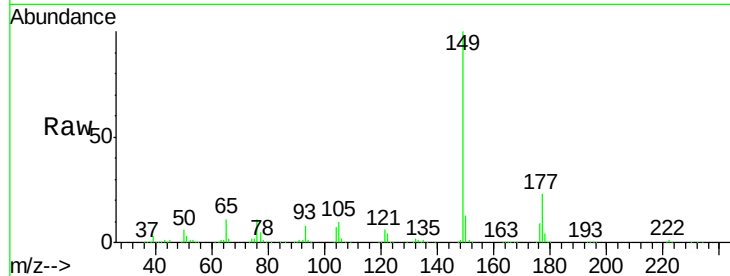
#59
Diethylphthalate
Concen: 38.43 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

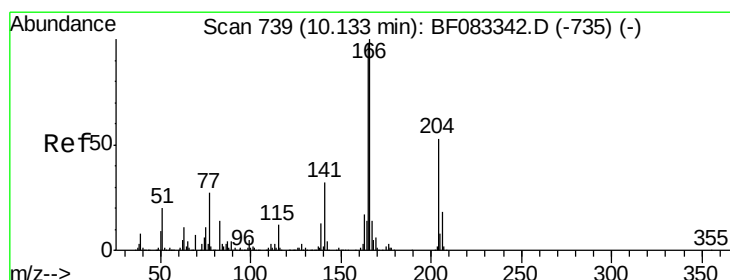
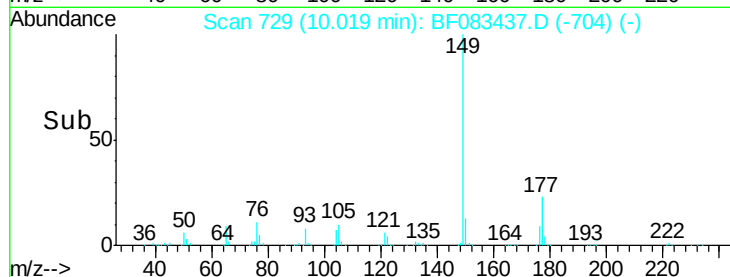
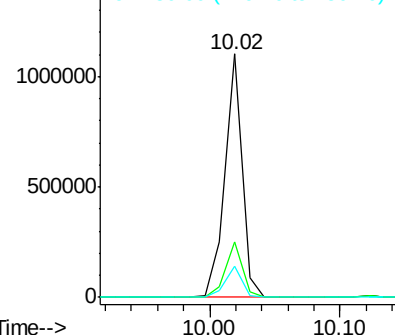
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	12.8	10.4	15.6

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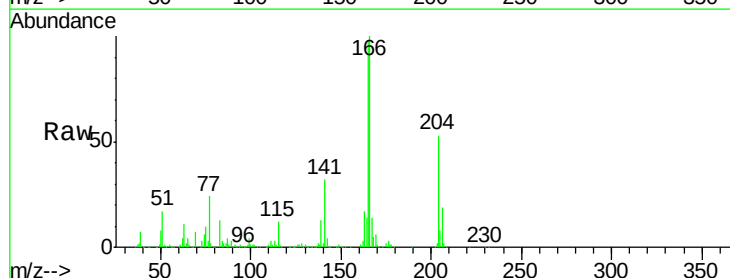


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

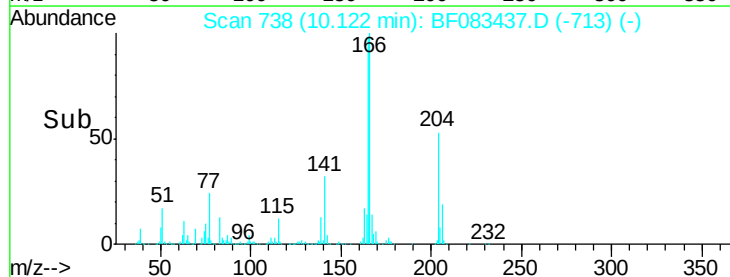
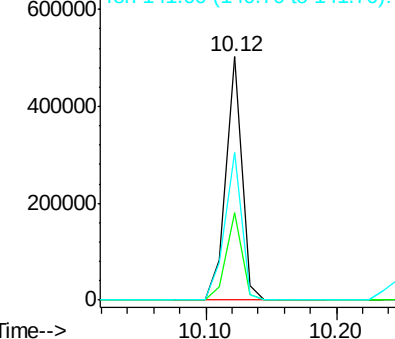


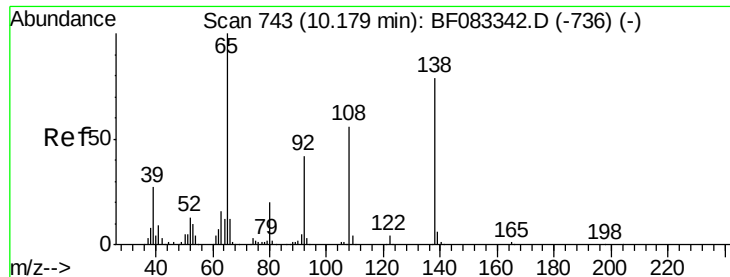
#60
4-Chlorophenyl-phenylether
Concen: 37.86 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	27.5	41.3
141	60.9	48.1	72.1



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





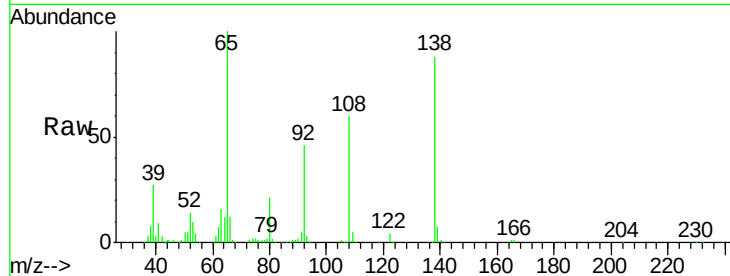
#61
4-Nitroaniline
Concen: 39.73 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

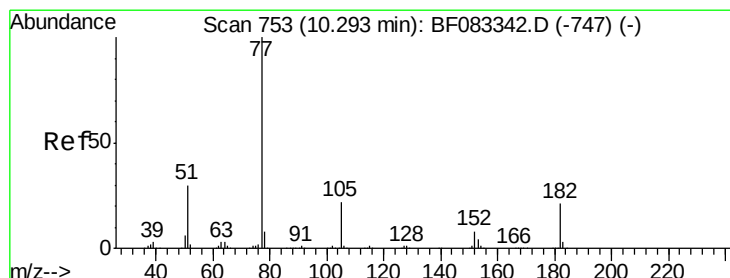
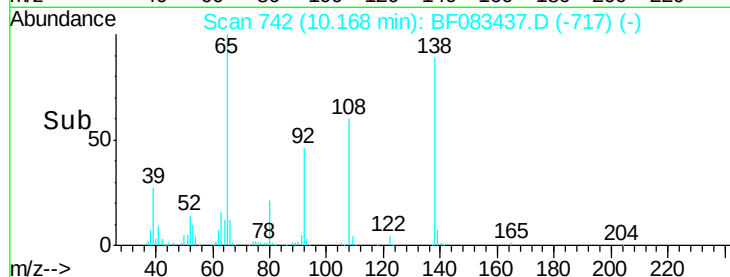
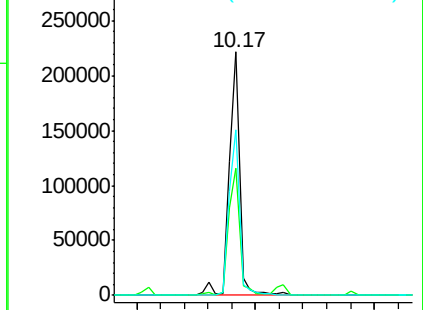
Tot Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.6	73.6
108	68.1	51.0	91.0

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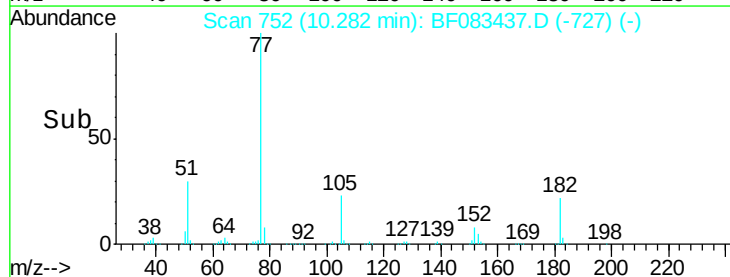
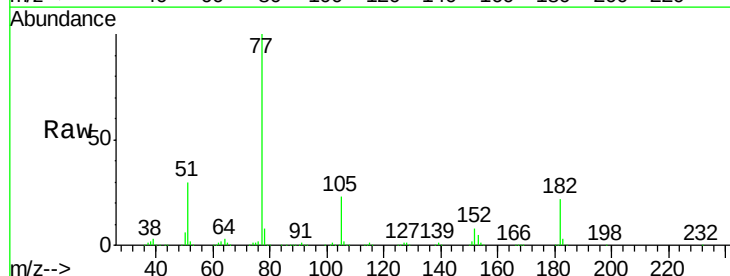
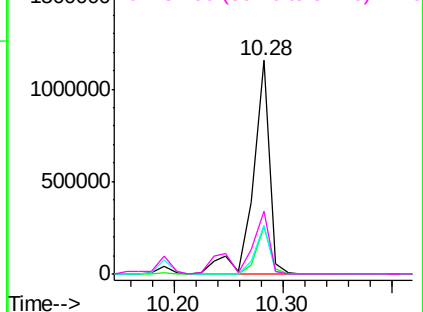
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

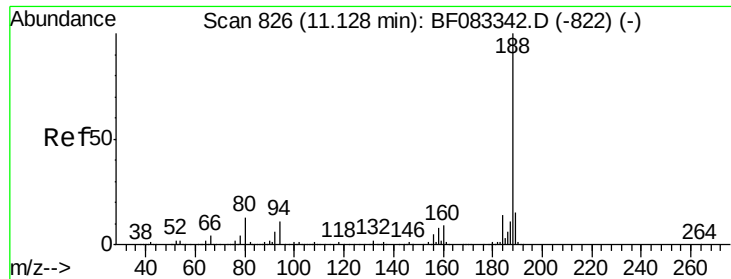


#62
Azobenzene
Concen: 38.76 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	0.8	40.8
105	22.9	2.3	42.3
51	29.6	10.6	50.6

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





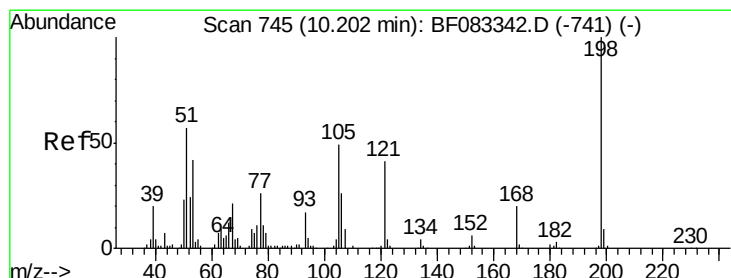
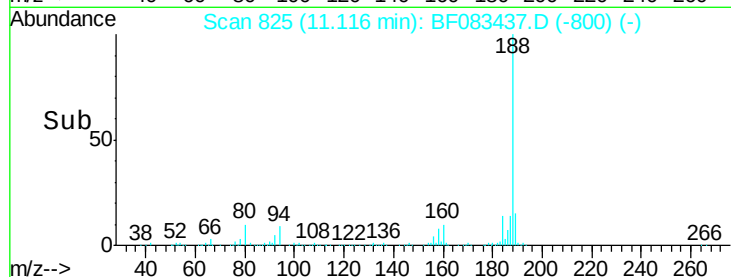
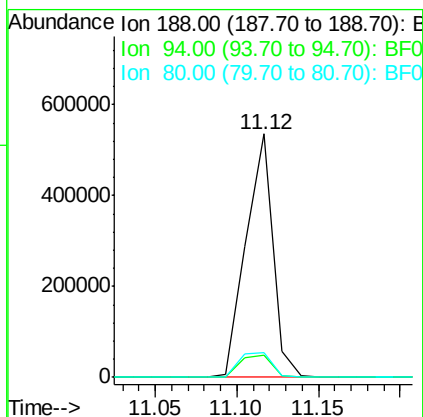
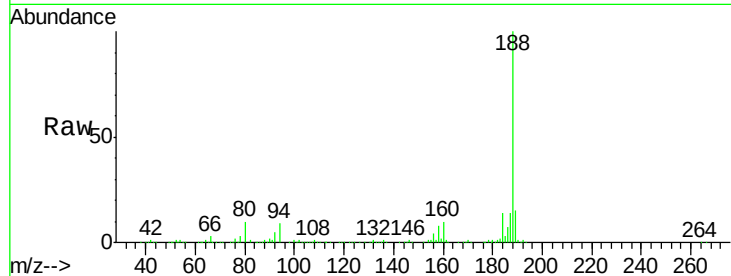
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	8.7	13.1
80	10.0	10.3	15.5#

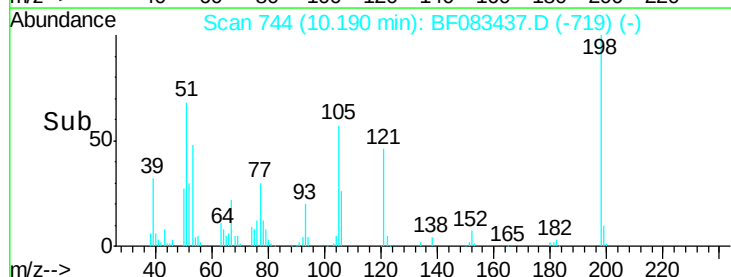
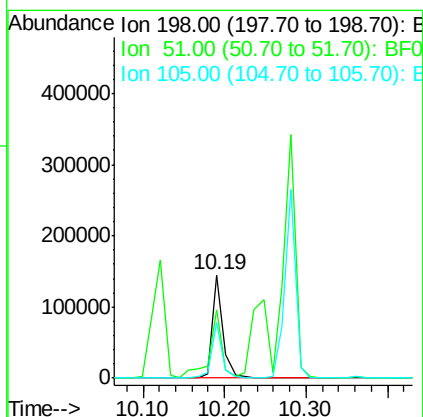
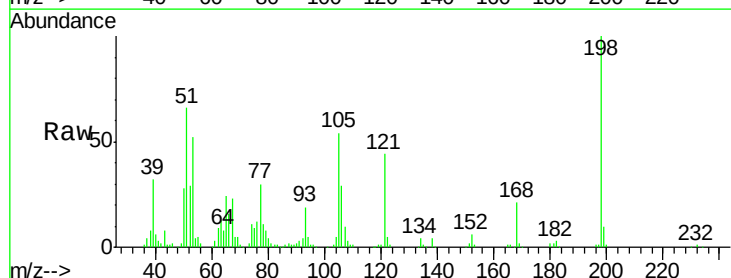
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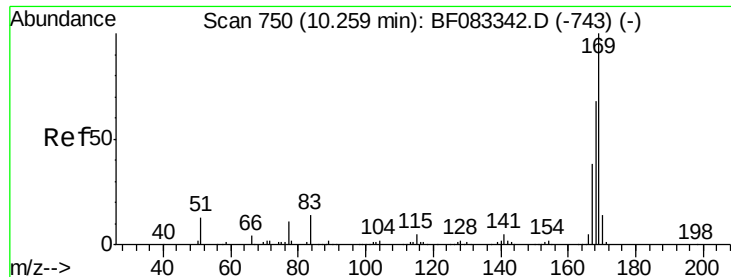
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.00 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.5	38.3	78.3
105	54.1	29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 40.25 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

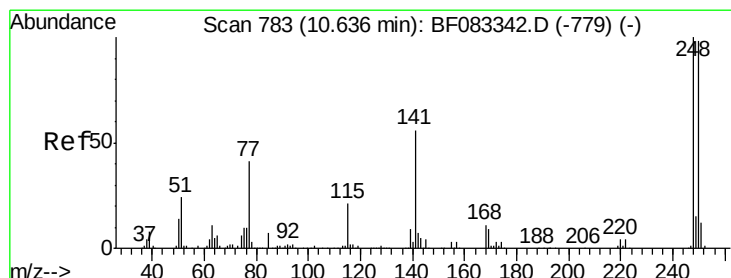
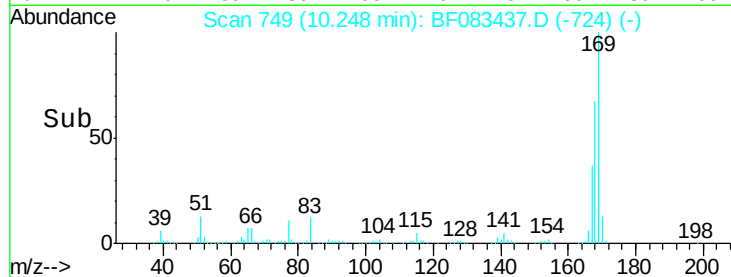
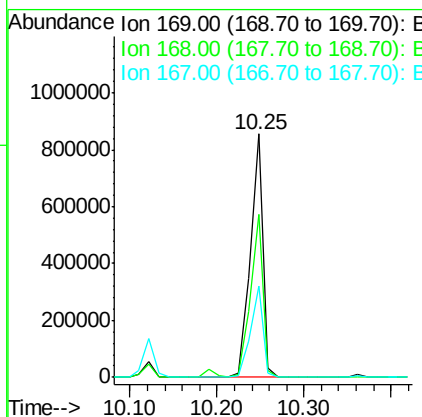
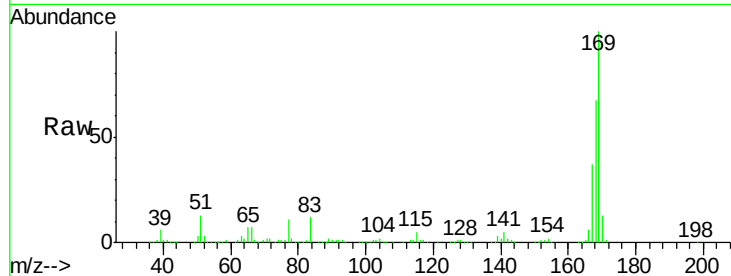
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	867195
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.8	82.2
167	37.3	30.2	45.2

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#66

4-Bromophenyl-phenylether

Concen: 38.71 ng

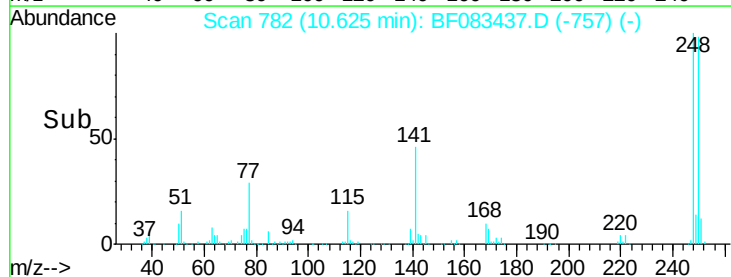
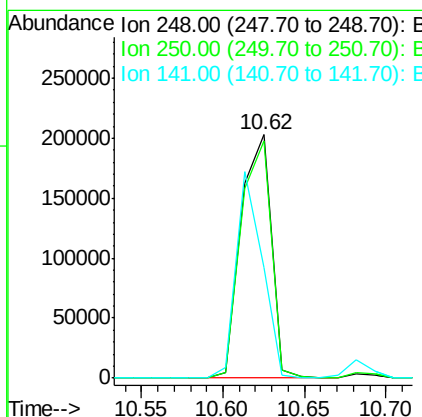
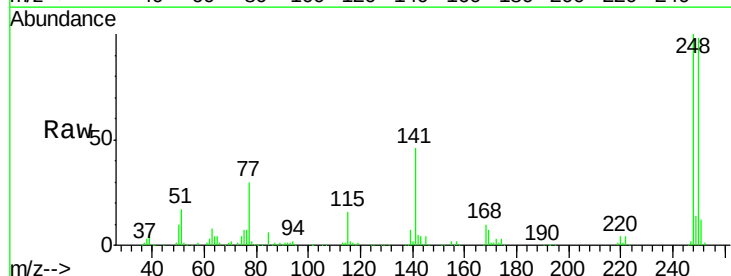
RT: 10.62 min Scan# 782

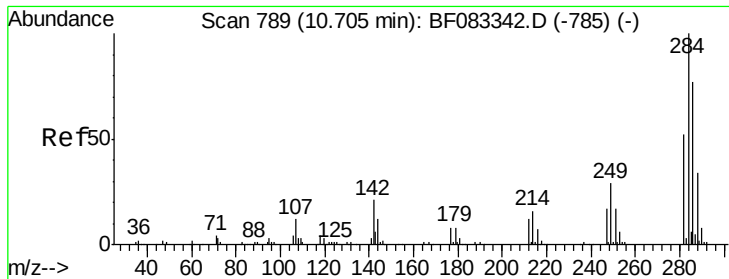
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	248	Resp:	259593
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	118.0
141	45.6	44.4	66.6





#67

Hexachlorobenzene

Concen: 37.35 ng

RT: 10.68 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

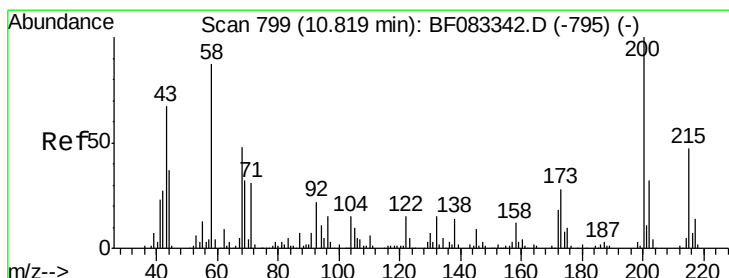
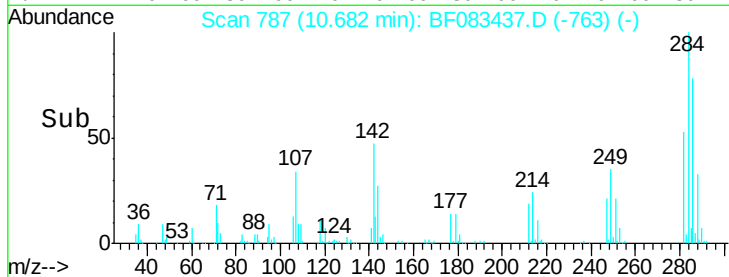
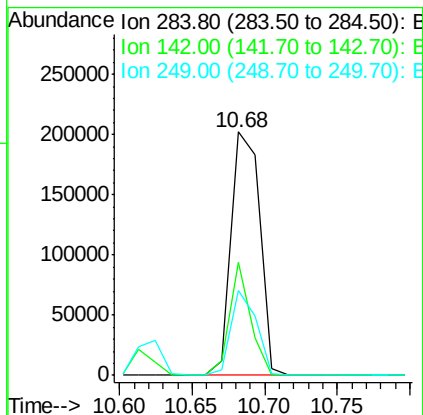
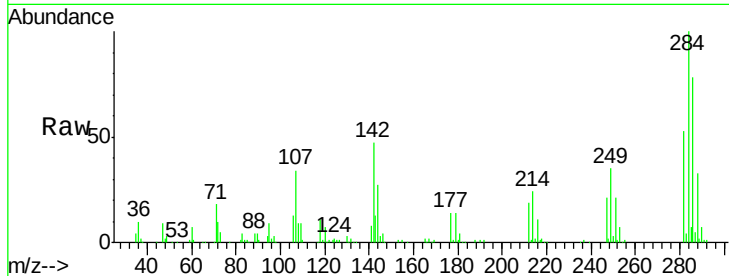
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	276977
Ion Ratio	Lower	Upper	
284	100		
142	46.6	16.6	24.8#
249	34.7	23.0	34.4#

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#68

Atrazine

Concen: 35.19 ng

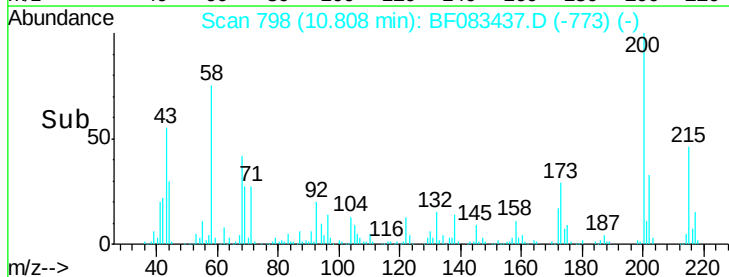
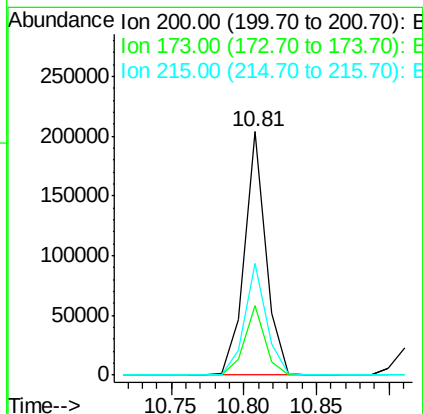
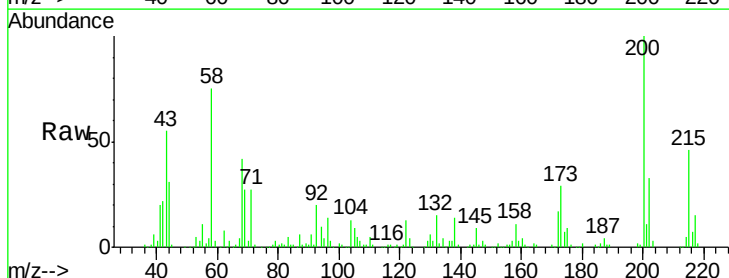
RT: 10.81 min Scan# 798

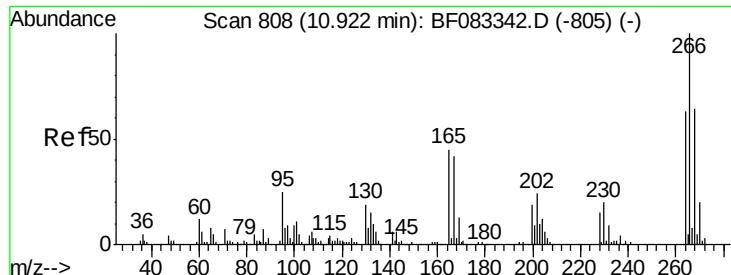
Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	200	Resp:	209683
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.3	48.3
215	45.9	26.7	66.7





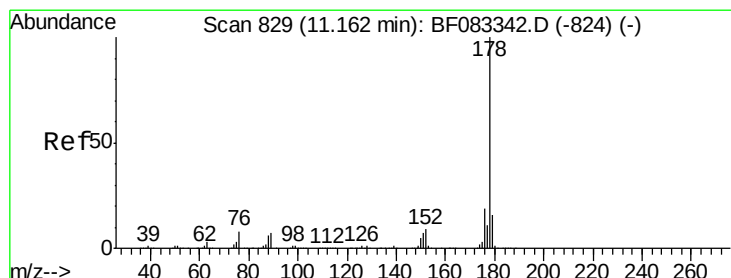
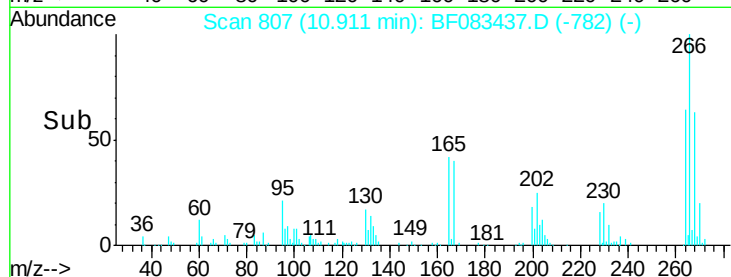
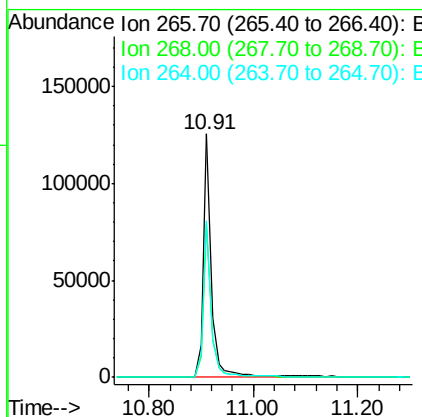
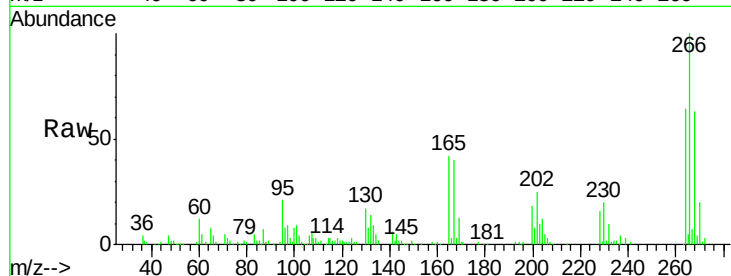
#69
 Pentachlorophenol
 Concen: 35.73 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.5	77.3
264	64.2	50.4	75.6

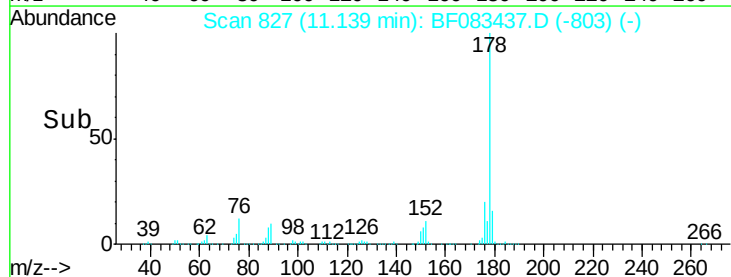
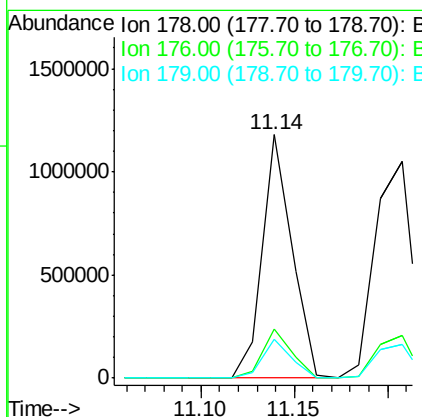
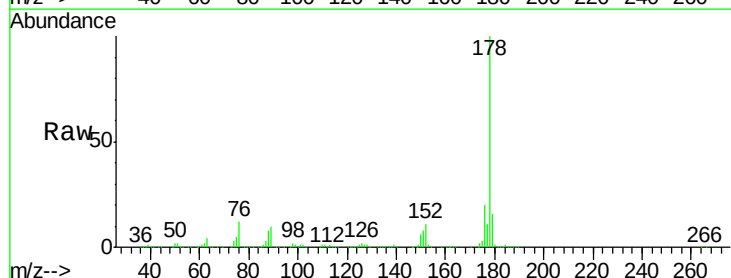
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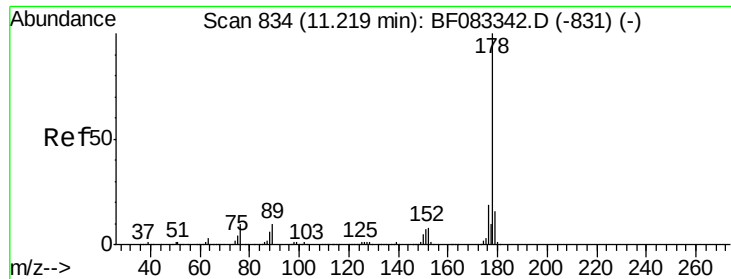
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#70
 Phenanthrene
 Concen: 35.91 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	16.1	12.4	18.6





#71
 Anthracene
 Concen: 38.53 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

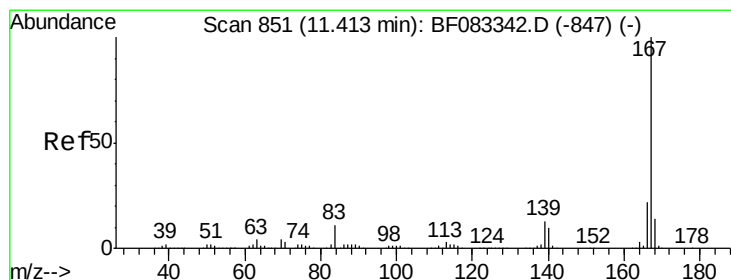
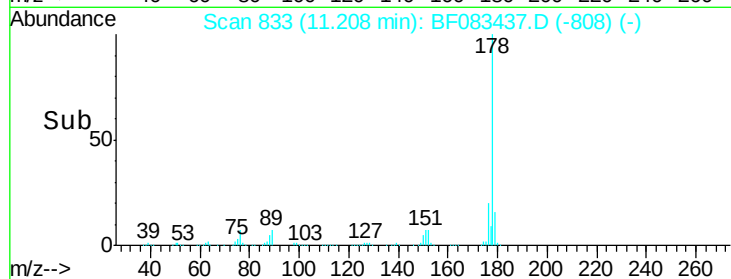
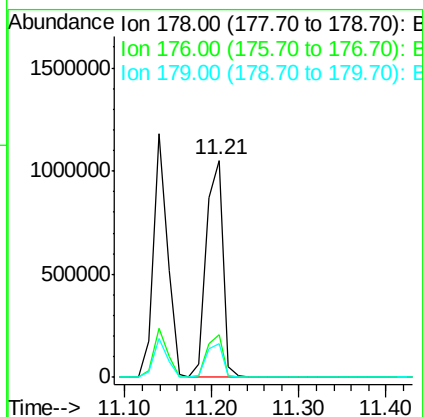
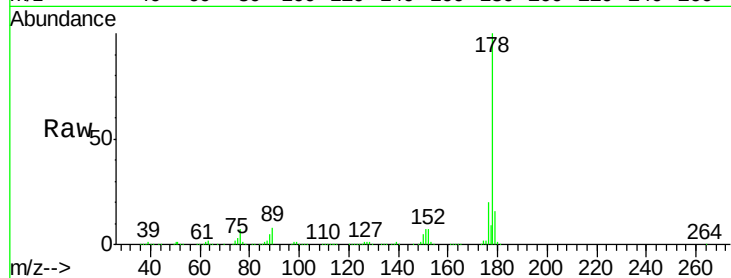
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1407178

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.8	19.2

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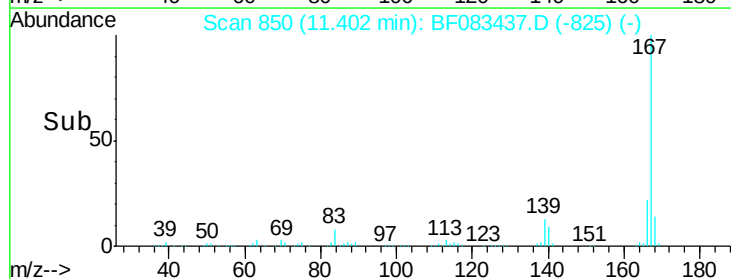
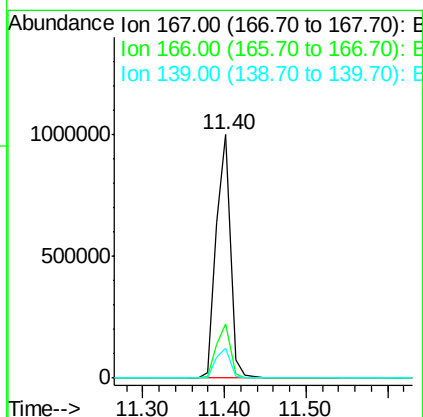
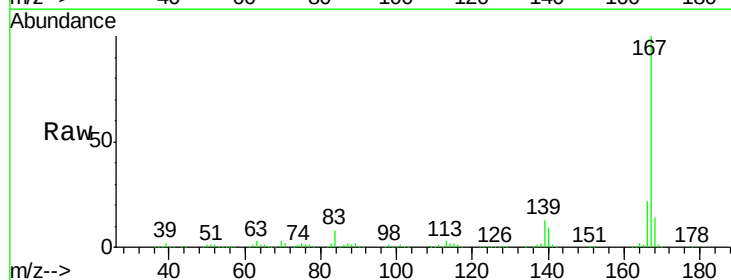
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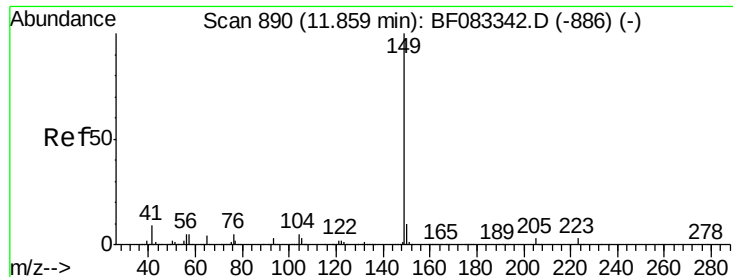


#72
 Carbazole
 Concen: 36.95 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:167 Resp: 1212562

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.5	10.5	15.7





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 11.84 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1510197

Ion Ratio Lower Upper

149 100

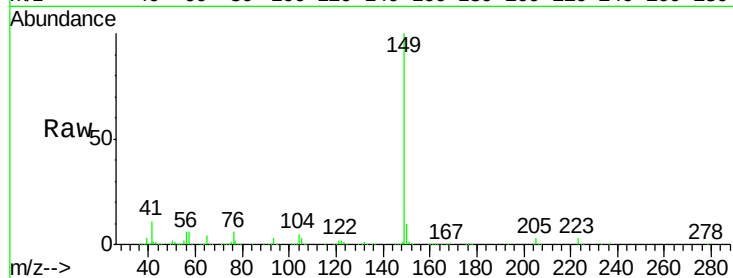
150 9.5 7.7 11.5

104 5.4 4.0 6.0

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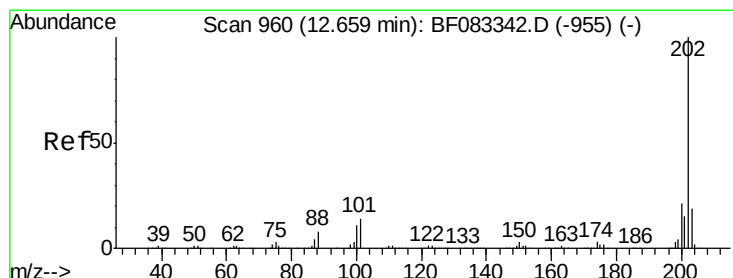
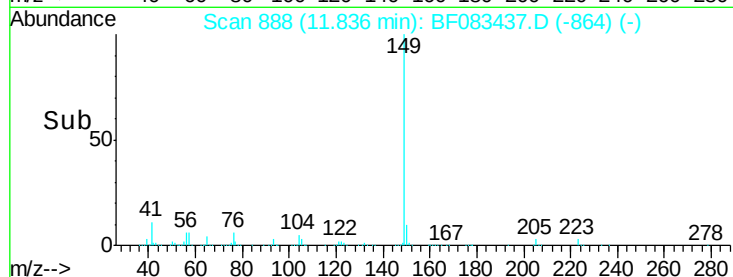
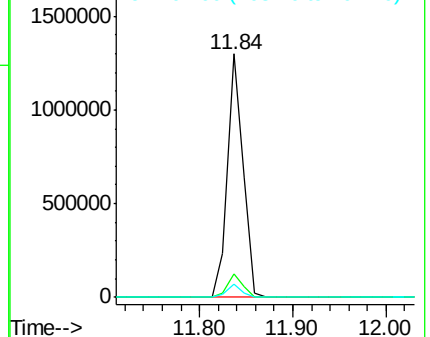
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.71 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

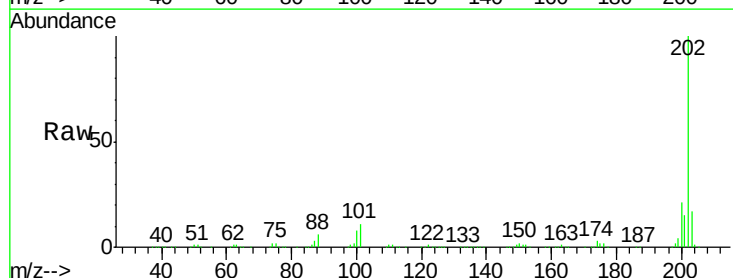
Tgt Ion:202 Resp: 1305182

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.5

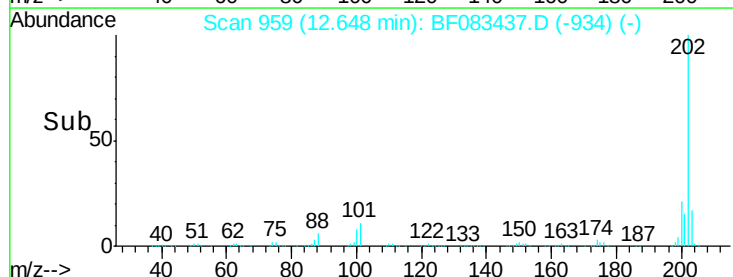
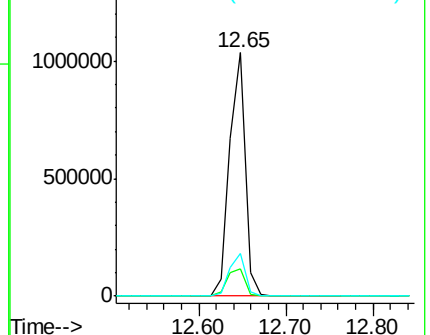
203 17.4 0.0 38.7

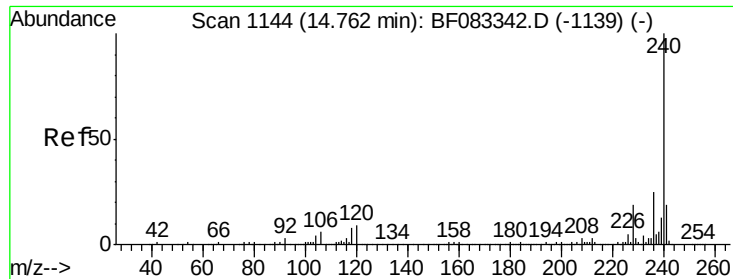


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





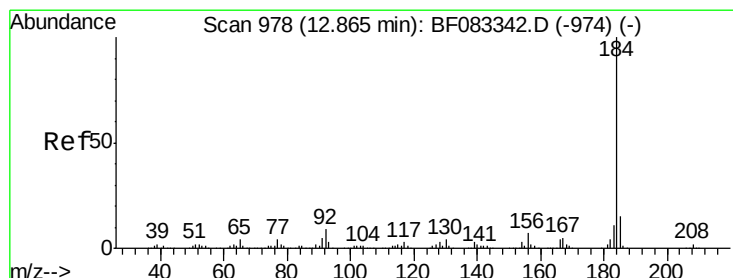
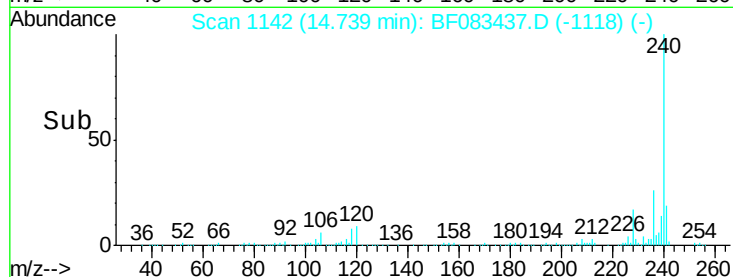
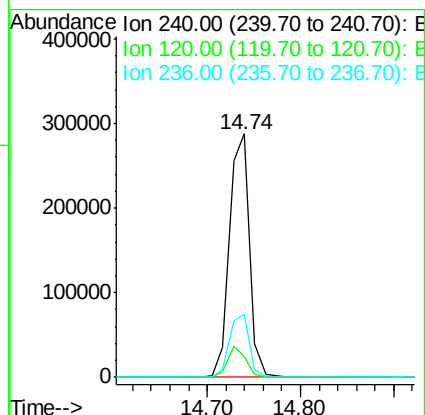
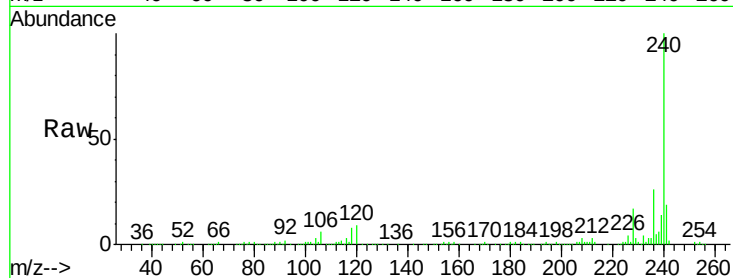
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.7	19.8	29.6

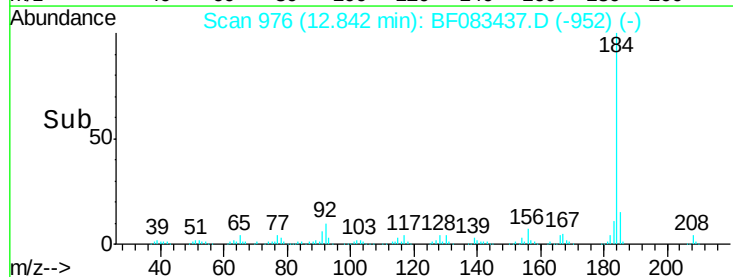
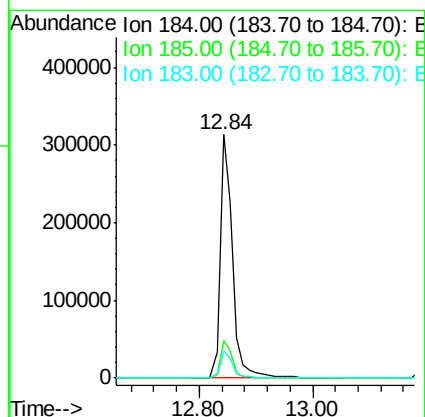
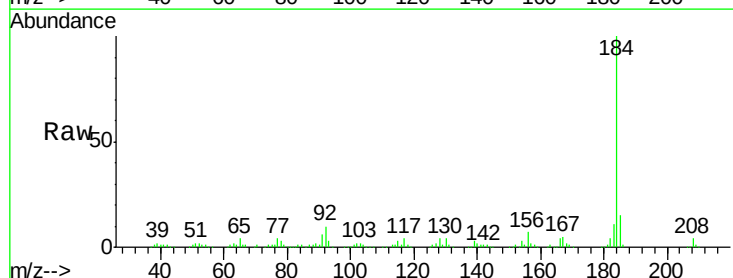
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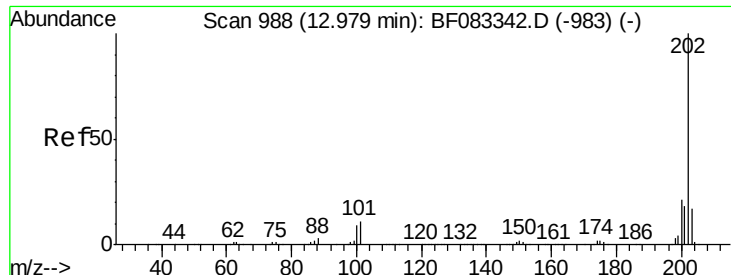
Mmdadoda
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#76
Benzidine
Concen: 36.70 ng
RT: 12.84 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.2	12.4	18.6
183	11.3	9.0	13.4





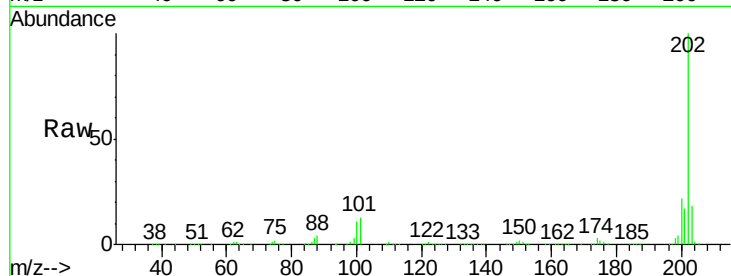
#77
Pvrene
Concen: 43.01 ng
RT: 12.96 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

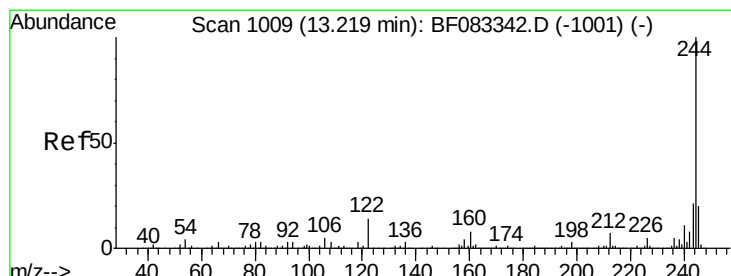
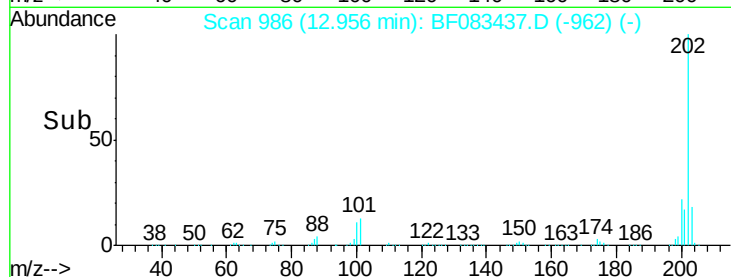
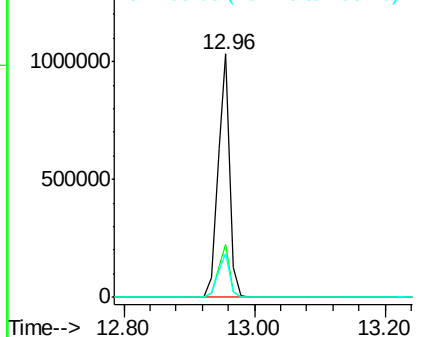
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.0	13.9	20.9

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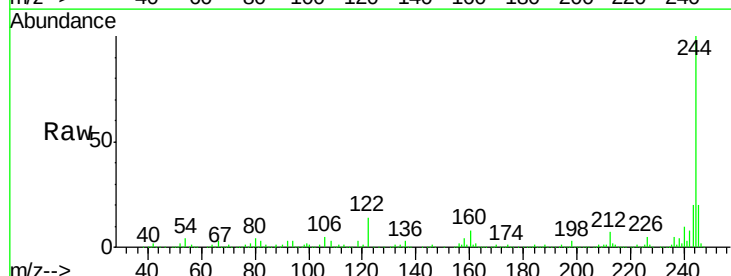


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

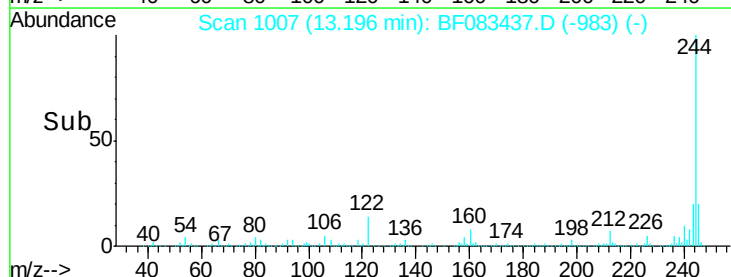
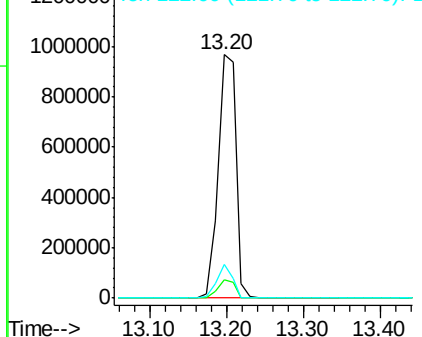


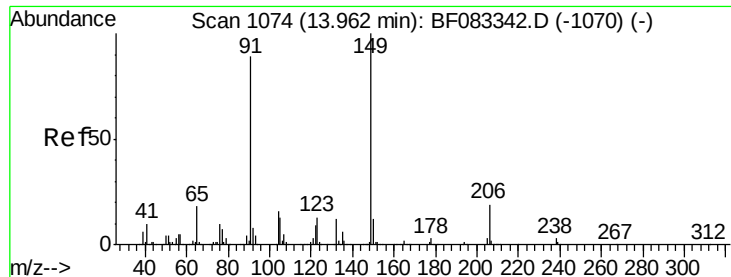
#78
Terphenyl-d14
Concen: 87.27 ng
RT: 13.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.61 ng

RT: 13.94 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

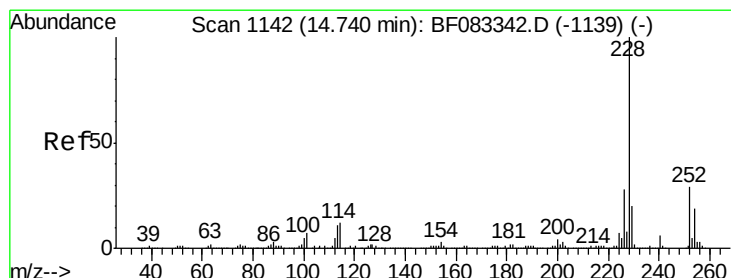
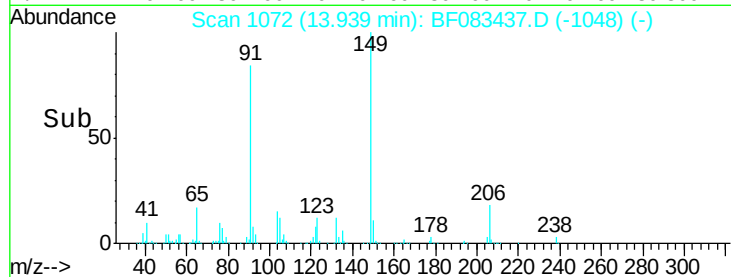
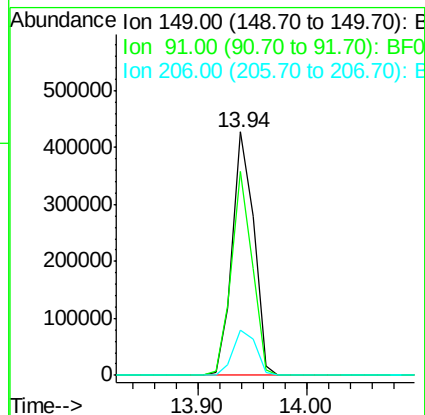
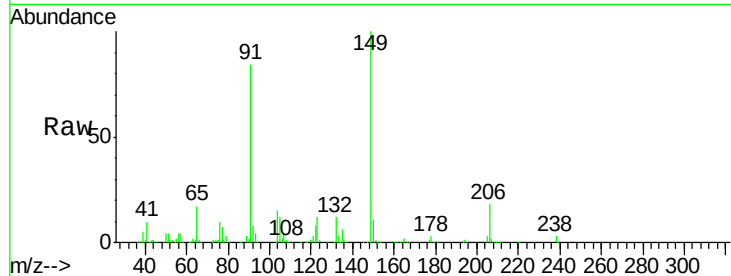
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	582593
Ion Ratio	Lower	Upper	
149	100		
91	84.0	71.4	107.2
206	18.3	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 38.89 ng

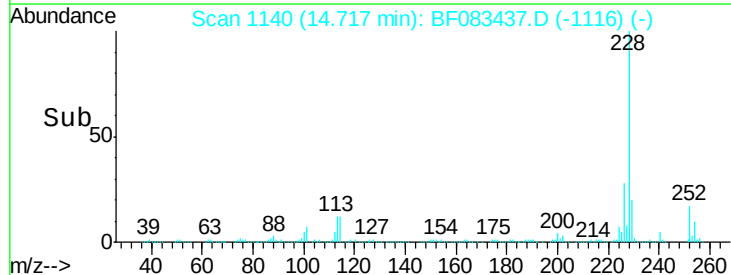
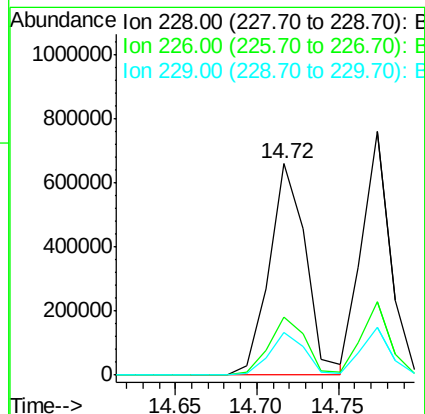
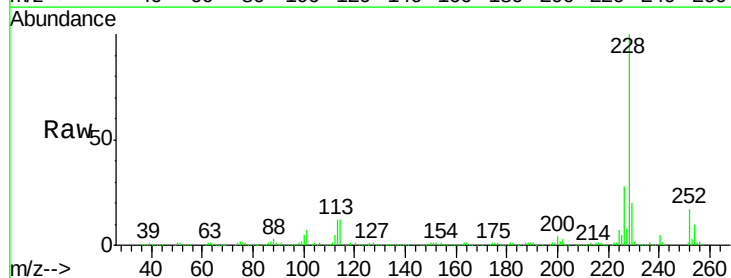
RT: 14.72 min Scan# 1140

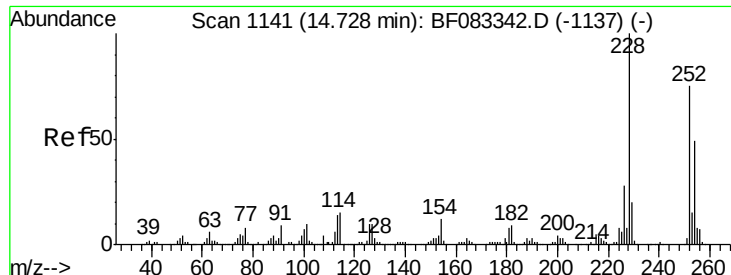
Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	228	Resp:	1027200
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.4
229	20.3	16.1	24.1





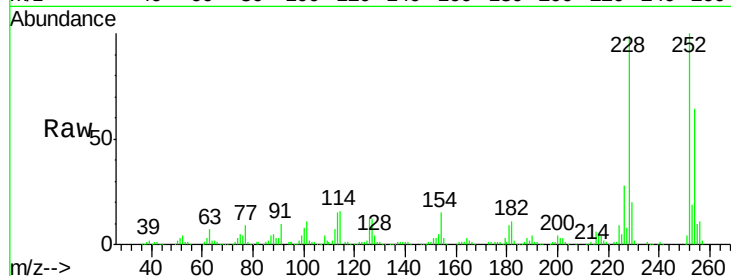
#81
 3,3'-Dichlorobenzidine
 Concen: 39.73 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

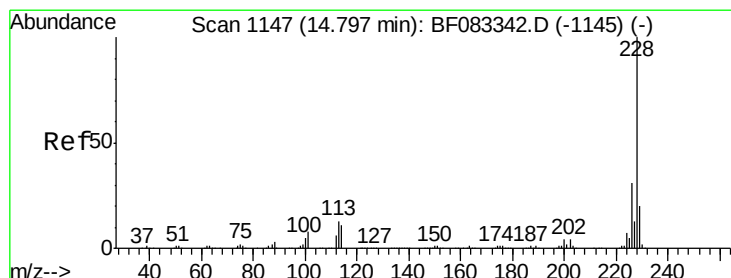
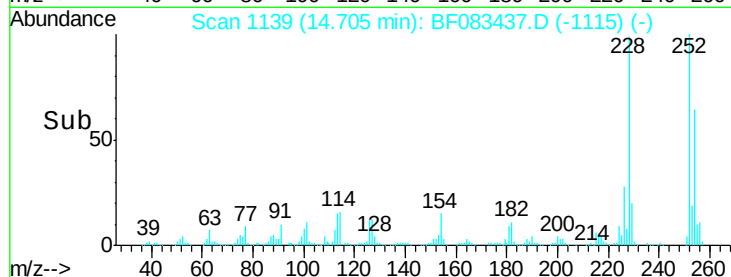
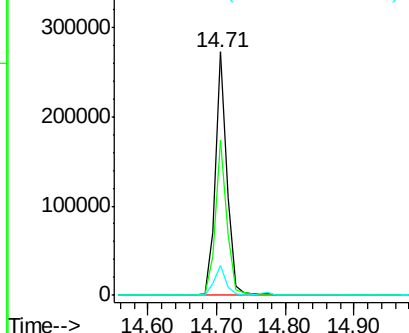
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	52.0	78.0
126	12.5	10.7	16.1

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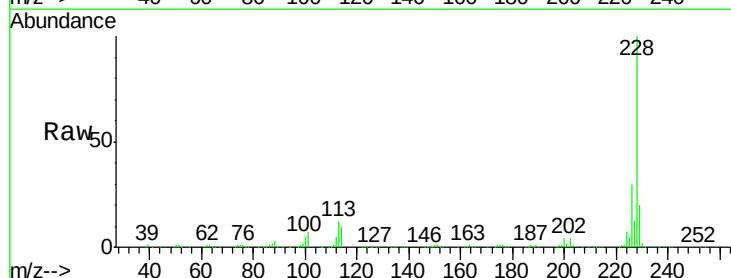


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

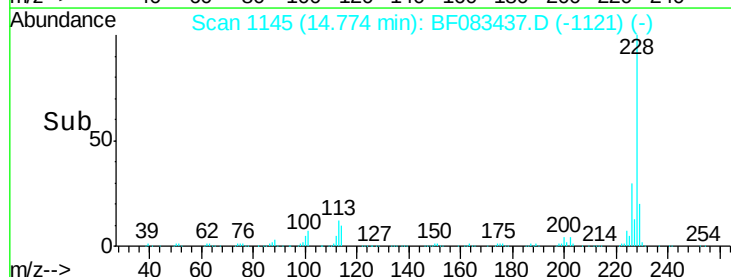
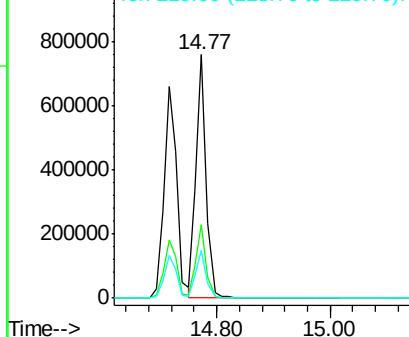


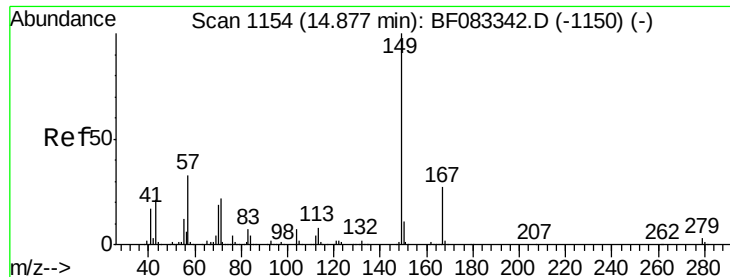
#82
 Chrysene
 Concen: 36.82 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.8	16.2	24.2



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: 46.41 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

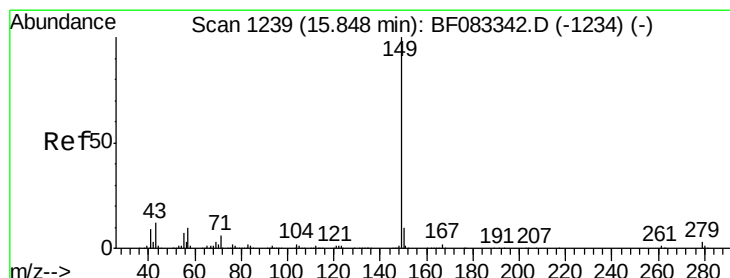
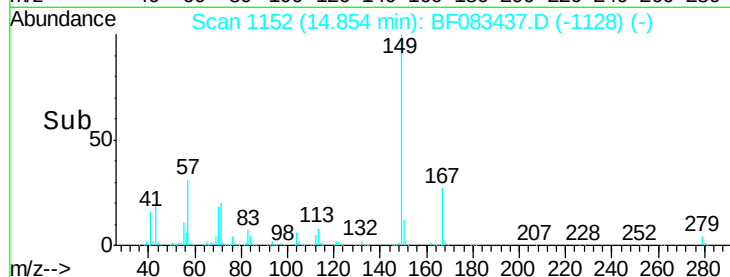
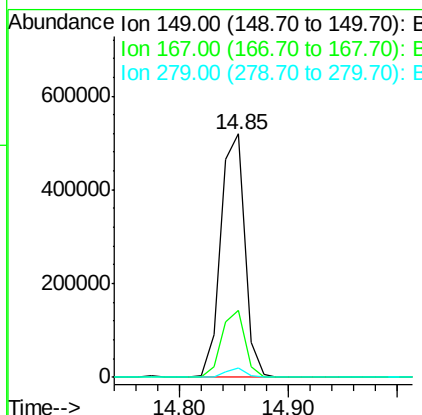
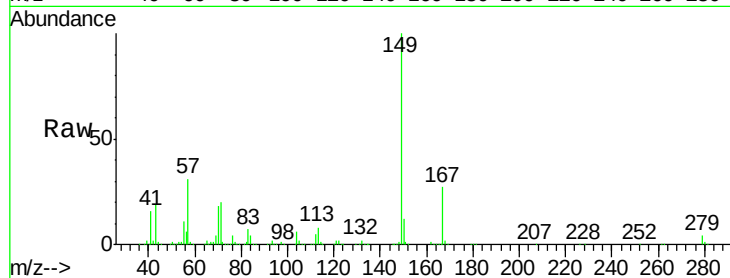
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	795305
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.5	32.3
279	3.6	2.6	3.8

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#84

Di-n-octyl phthalate

Concen: 48.74 ng

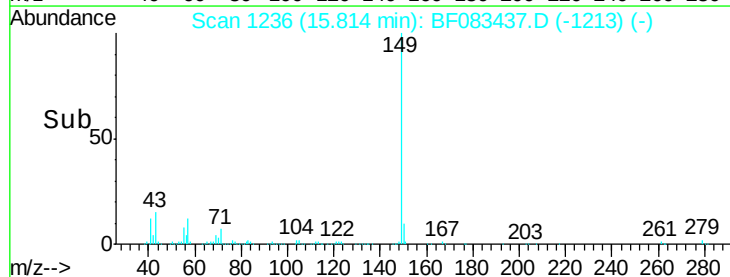
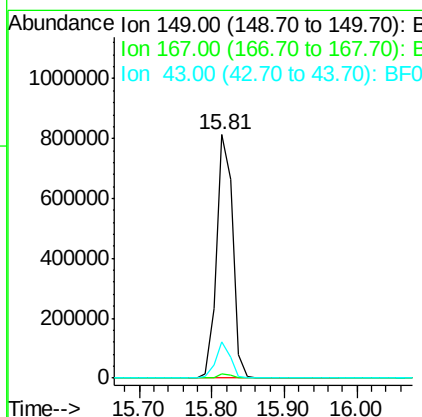
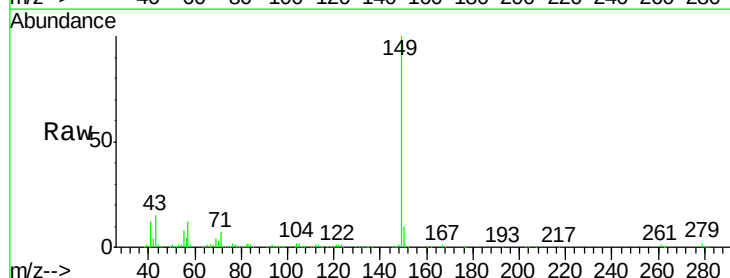
RT: 15.81 min Scan# 1236

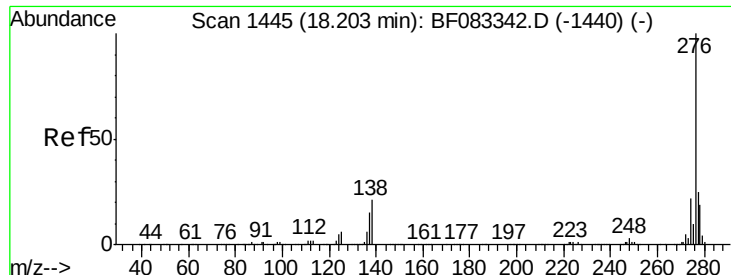
Delta R.T. -0.03 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	149	Resp:	1243529
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.8	11.0	16.6





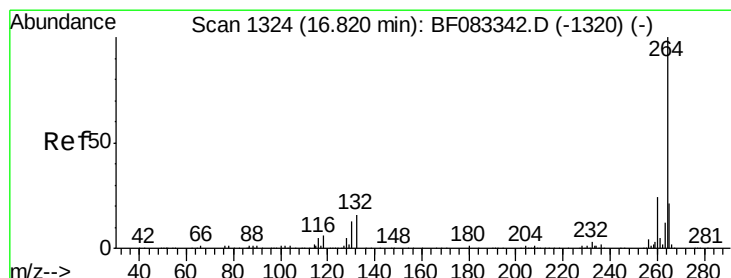
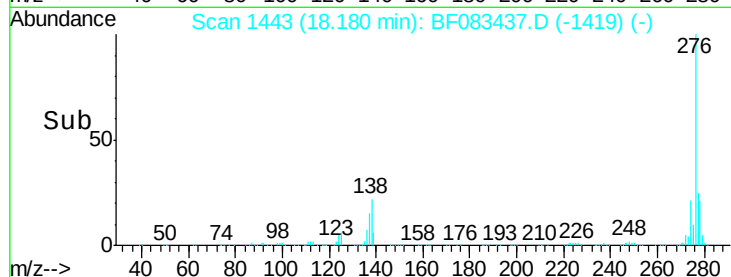
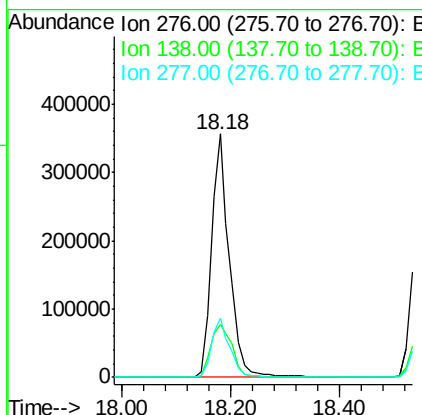
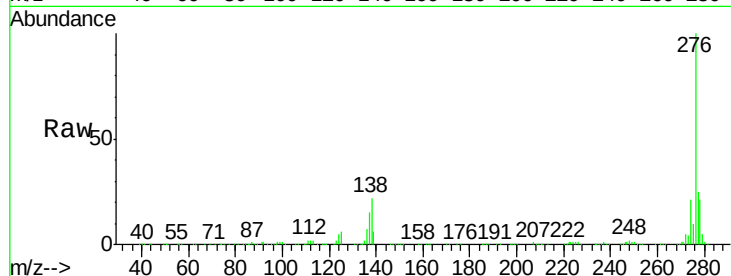
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.02 ng
 RT: 18.18 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	25.4	20.0	30.0

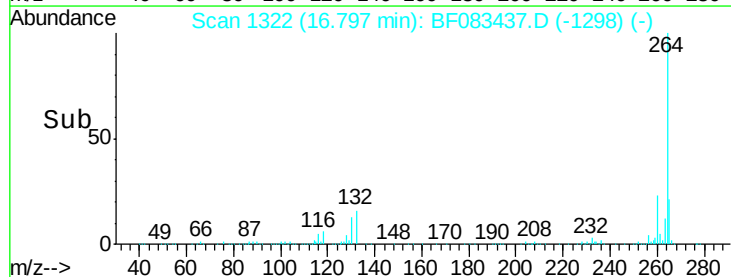
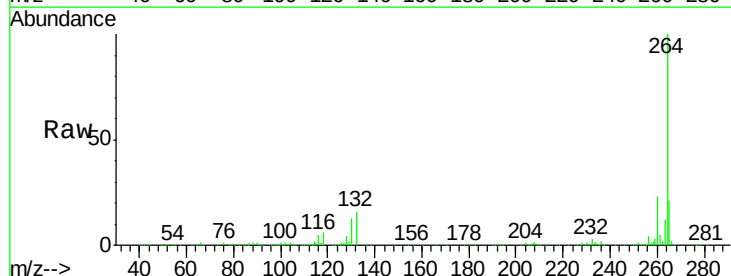
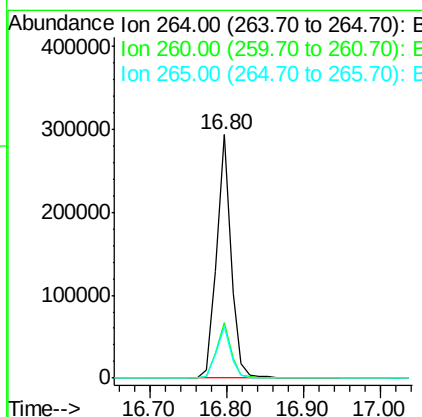
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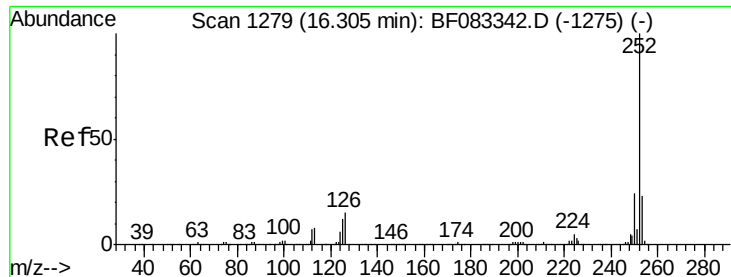
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.3	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 36.87 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

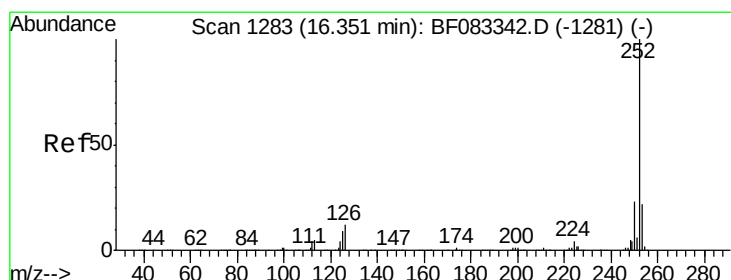
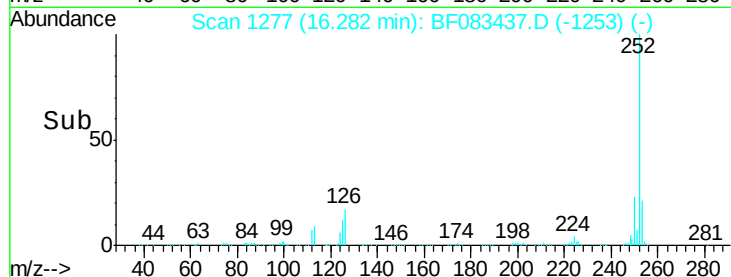
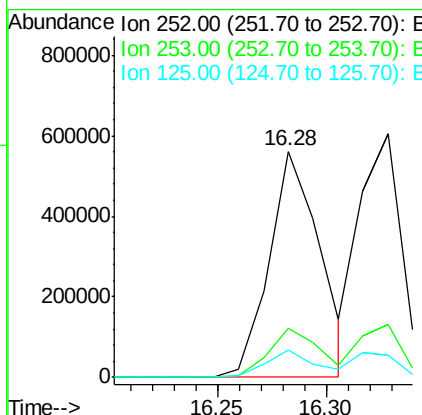
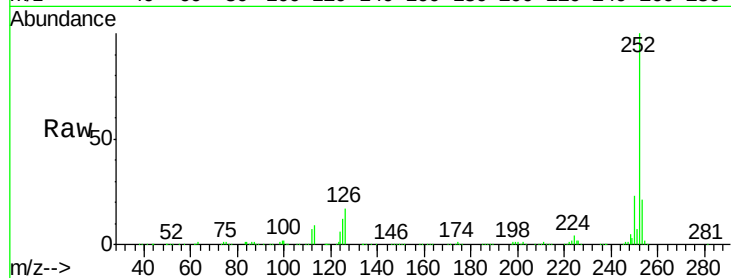
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	917241
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	12.1	9.6	14.4

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#88

Benzo(k)fluoranthene

Concen: 35.99 ng

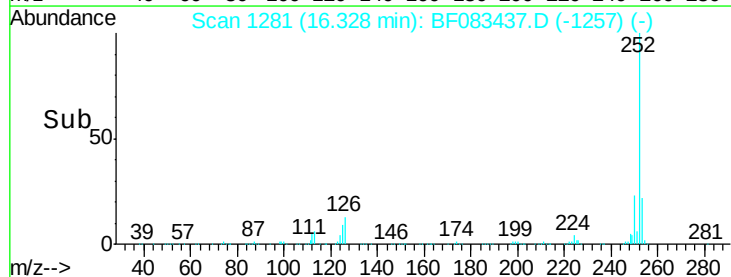
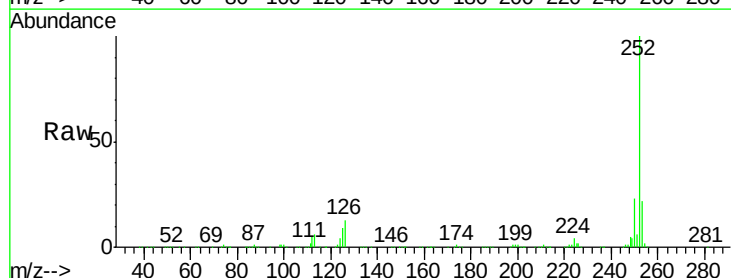
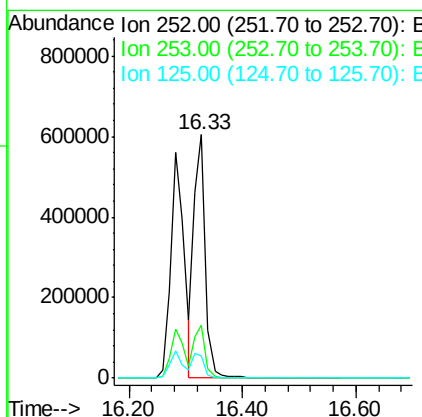
RT: 16.33 min Scan# 1281

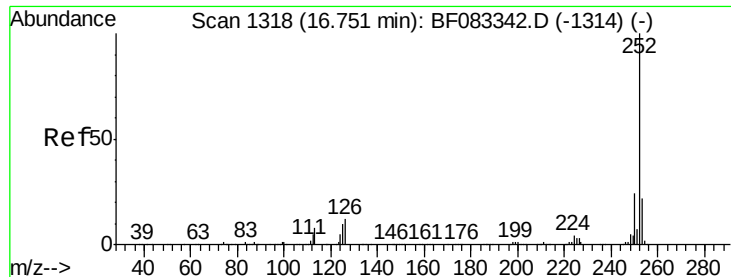
Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:	252	Resp:	845254
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	8.9	7.5	11.3





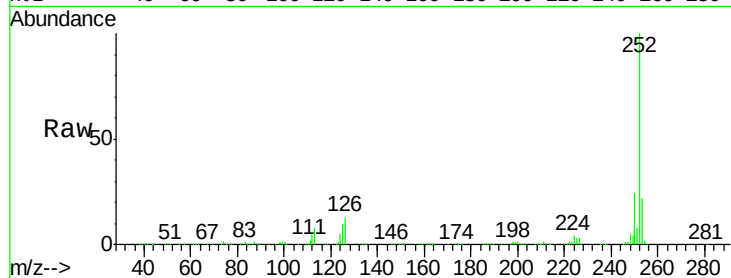
#89
Benzo(a)pyrene
Concen: 38.43 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

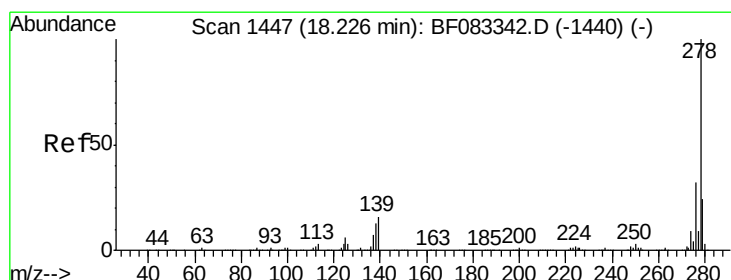
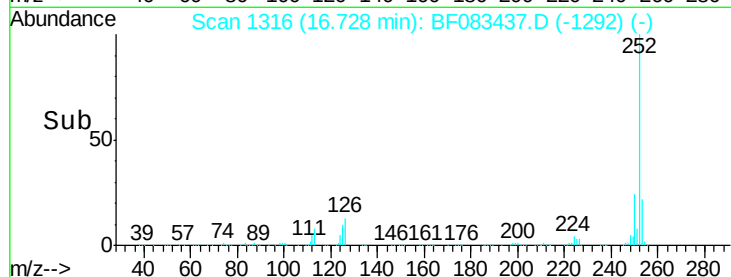
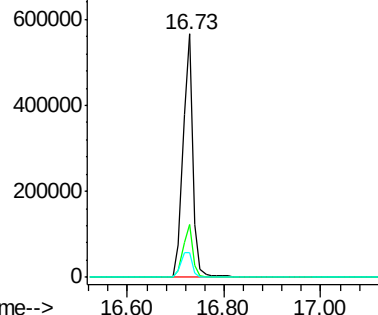
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.4	7.8	11.8

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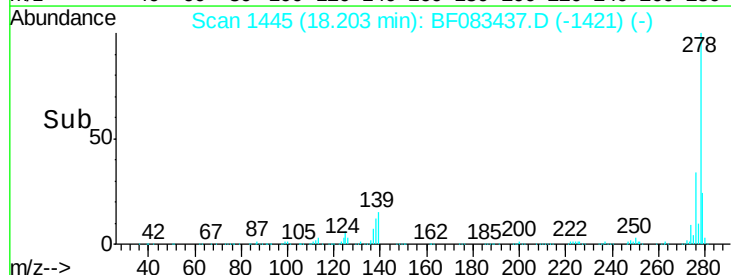
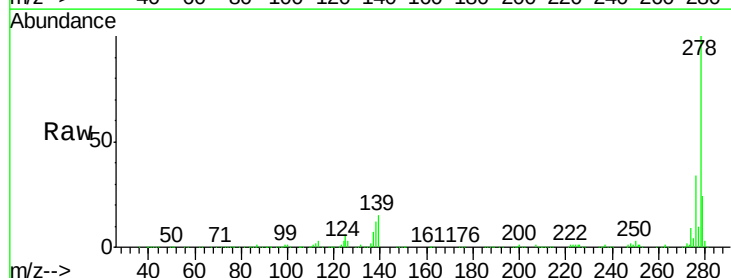
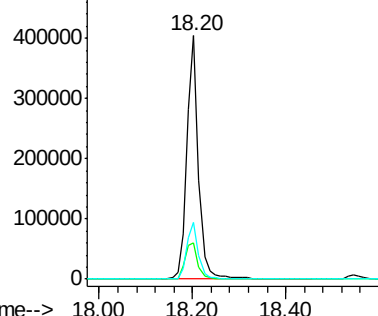
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

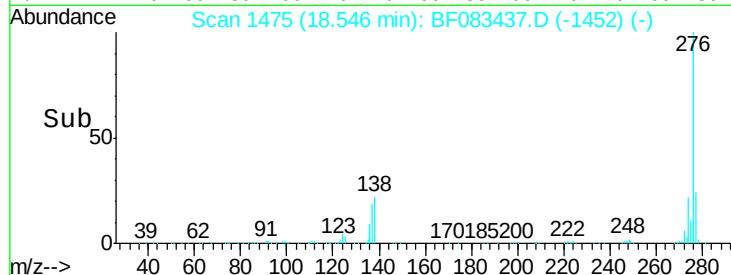
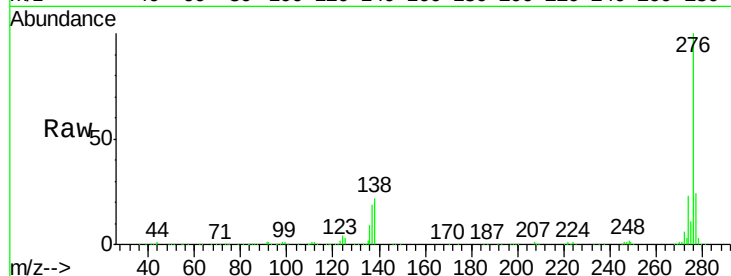
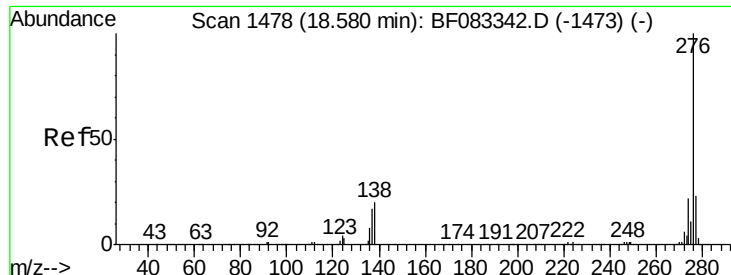


#90
Dibenzo(a,h)anthracene
Concen: 37.85 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.1	19.7
279	23.5	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 33.23 ng
 RT: 18.55 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	18.6	28.0
138	22.5	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:54 PM

