

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083949.D
 Acq On : 19 Dec 2015 12:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:59:23 AM

Quant Time: Dec 21 02:59:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69037	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	265871	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	131772	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	236482	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	193529	20.00	ng	-0.02
86) Perylene-d12	15.44	264	148137	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	306437	69.46	ng	-0.02
7) Phenol-d6	6.50	99	375180	69.48	ng	-0.01
23) Nitrobenzene-d5	7.42	82	383408	82.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	116746	80.42	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	727209	76.24	ng	-0.02
78) Terphenyl-d14	12.96	244	754962	91.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	64856	33.89	ng	98
3) Pyridine	3.15	79	172516	36.46	ng	99
4) n-Nitrosodimethylamine	3.10	42	69534	38.52	ng	96
6) Aniline	6.51	93	243514	35.02	ng	# 63
8) 2-Chlorophenol	6.64	128	185043	35.24	ng	95
9) Benzaldehyde	6.40	77	115744	35.58	ng	96
10) Phenol	6.51	94	195624	32.47	ng	# 65
11) bis(2-Chloroethyl)ether	6.59	93	163920	35.81	ng	97
12) 1,3-Dichlorobenzene	6.80	146	215480	38.16	ng	99
13) 1,4-Dichlorobenzene	6.86	146	200858	34.84	ng	96
14) 1,2-Dichlorobenzene	7.02	146	200901	43.09	ng	99
15) Benzyl Alcohol	7.00	79	159083	38.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	172112	36.47	ng	57
17) 2-Methylphenol	7.12	107	139389	33.85	ng	96
18) Hexachloroethane	7.37	117	76778	36.30	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	121222	38.51	ng	91
20) 3+4-Methylphenols	7.28	107	186876	38.61	ng	# 54
22) Acetophenone	7.26	105	243525	38.05	ng	95
24) Nitrobenzene	7.44	77	172446	35.79	ng	97
25) Isophorone	7.68	82	334817	38.20	ng	99
26) 2-Nitrophenol	7.76	139	106168	42.57	ng	94
27) 2,4-Dimethylphenol	7.80	122	179058	41.68	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	208971	40.31	ng	98
29) 2,4-Dichlorophenol	8.01	162	150171	38.53	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	155302	37.10	ng	99
31) Naphthalene	8.16	128	501854	37.08	ng	100
32) Benzoic acid	7.93	122	88524	53.52	ng	93
33) 4-Chloroaniline	8.21	127	231879	38.42	ng	# 90
34) Hexachlorobutadiene	8.28	225	99468	38.05	ng	98
35) Caprolactam	8.59	113	49784	38.66	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	180206	40.80	ng	92
37) 2-Methylnaphthalene	8.85	142	369452	39.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	148208	35.67	ng	97
40) Hexachlorocyclopentadiene	9.00	237	31157	34.65	ng	96

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	100349	36.58	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	104575	38.52	nq #	84
45) 1,1'-Biphenyl	9.31	154	410702	36.83	nq	99
46) 2-Chloronaphthalene	9.33	162	333780	38.29	nq	99
47) 2-Nitroaniline	9.44	65	104093	39.94	nq #	75
48) Acenaphthylene	9.76	152	583770	38.00	nq	100
49) Dimethylphthalate	9.62	163	416547	37.67	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	84414	35.00	nq #	66
51) Acenaphthene	9.93	154	362745	38.40	nq	100
52) 3-Nitroaniline	9.85	138	99159	39.00	nq	86
53) 2,4-Dinitrophenol	9.95	184	28993	39.47	nq #	65
54) Dibenzofuran	10.10	168	460407	37.53	nq	99
55) 4-Nitrophenol	10.02	139	63213	39.83	nq	91
56) 2,4-Dinitrotoluene	10.09	165	117904	38.13	nq #	78
57) Fluorene	10.44	166	388797	41.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	73213	36.45	nq	97
59) Diethylphthalate	10.32	149	439024	38.41	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	178707	38.01	nq	96
61) 4-Nitroaniline	10.46	138	100783	38.31	nq	86
62) Azobenzene	10.59	77	377190	39.37	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	57172	40.05	nq	73
65) n-Nitrosodiphenylamine	10.54	169	305219	35.47	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	110161	38.10	nq	96
67) Hexachlorobenzene	10.99	284	117280	38.53	nq #	90
68) Atrazine	11.08	200	111199	40.79	nq	94
69) Pentachlorophenol	11.18	266	51967	42.57	nq	97
70) Phenanthrene	11.40	178	531431	37.19	nq	99
71) Anthracene	11.45	178	500049	36.21	nq	100
72) Carbazole	11.61	167	513448	37.63	nq	98
73) Di-n-butylphthalate	11.94	149	674449	42.06	nq	100
74) Fluoranthene	12.58	202	535517	37.56	nq	99
76) Benzidine	12.71	184	216763	27.97	nq	99
77) Pyrene	12.81	202	523999	42.76	nq	100
79) Butylbenzylphthalate	13.43	149	261129	40.53	nq	97
80) Benzo(a)anthracene	14.00	228	446977	37.57	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	170444	38.33	nq	97
82) Chrysene	14.03	228	425758	37.04	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	363336	42.24	nq	100
84) Di-n-octyl phthalate	14.60	149	616392	45.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.87	276	359805	41.86	nq	99
87) Benzo(b)fluoranthene	15.03	252	453615m	42.00	nq	
88) Benzo(k)fluoranthene	15.06	252	295780m	33.20	nq	
89) Benzo(a)pyrene	15.38	252	333820	37.43	nq #	96
90) Dibenzo(a,h)anthracene	16.87	278	297807	42.92	nq	97
91) Benzo(g,h,i)perylene	17.28	276	300145	44.14	nq	98

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

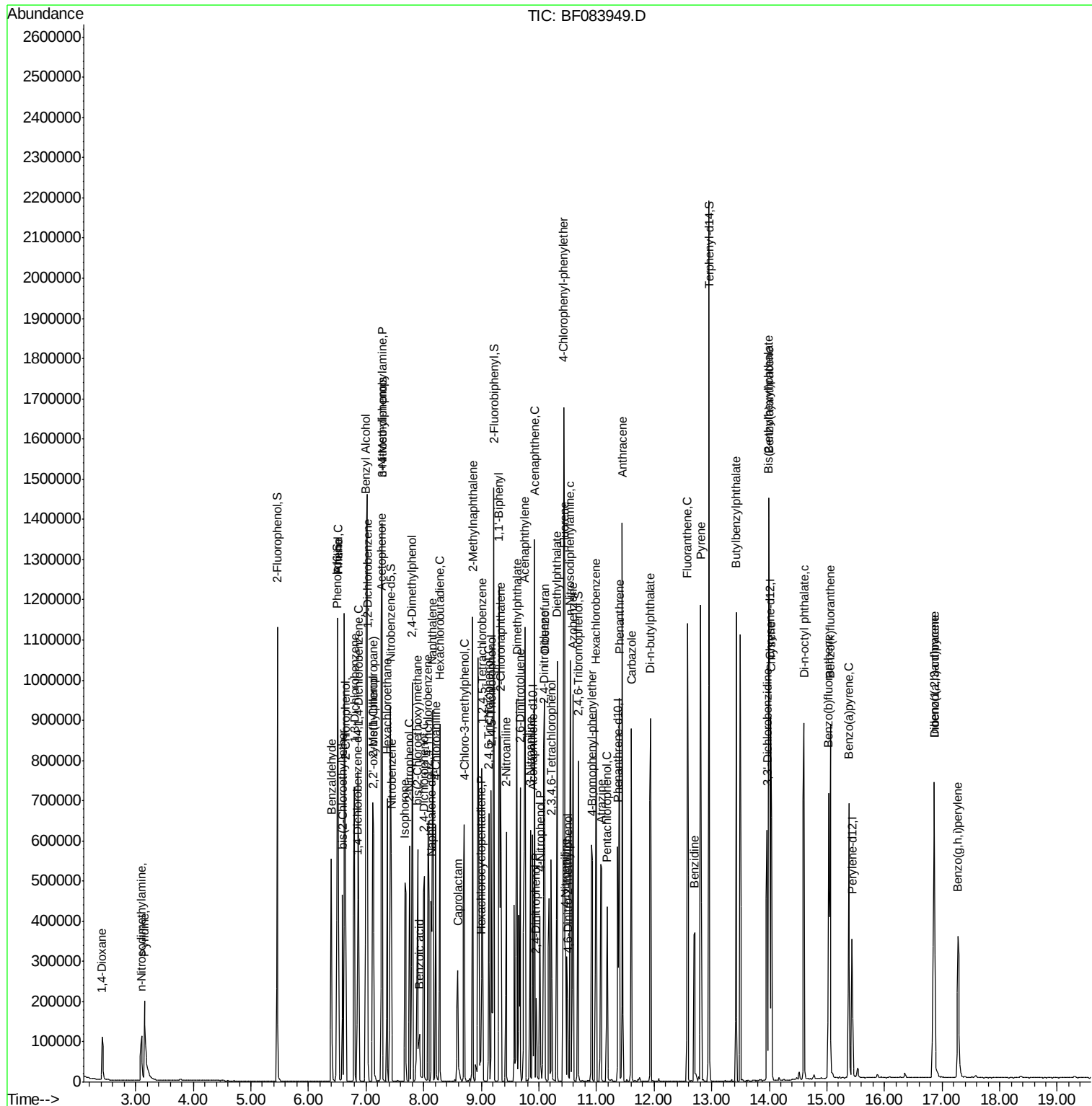
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\  
Data File : BF083949.D  
Acq On    : 19 Dec 2015   12:42  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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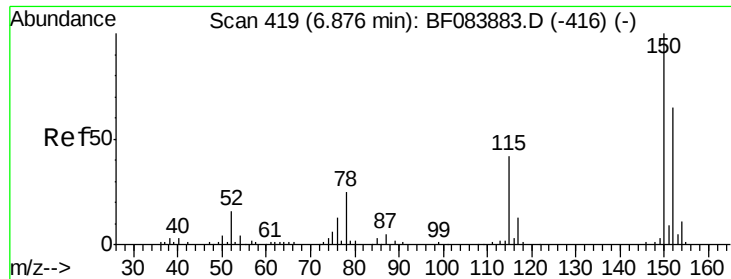
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

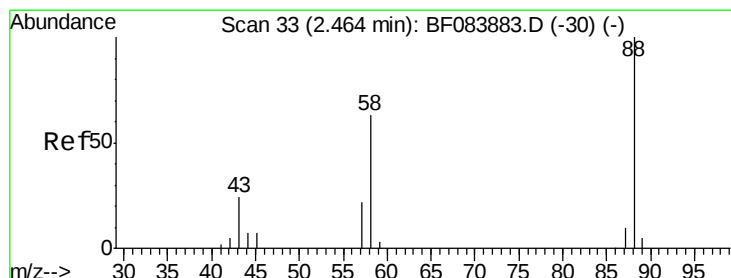
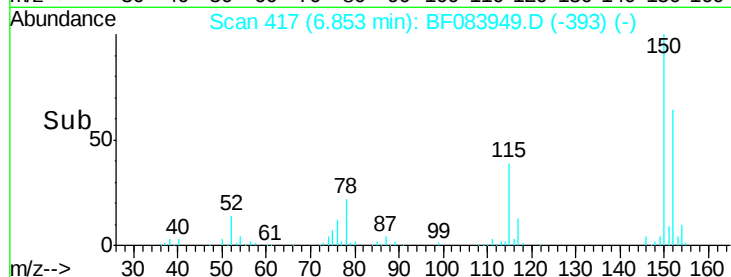
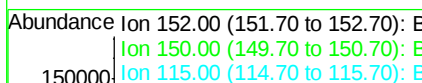
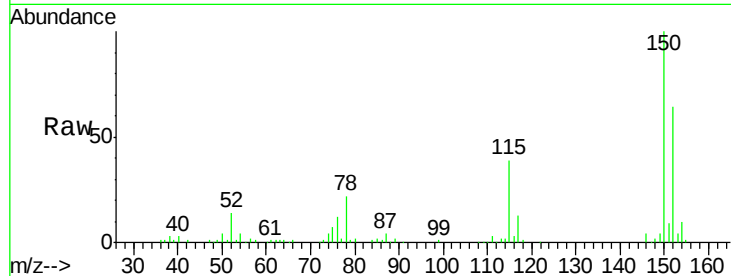
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	69037
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.0	184.4
115	61.4	51.4	77.2

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#2

1,4-Dioxane

Concen: 33.89 ng

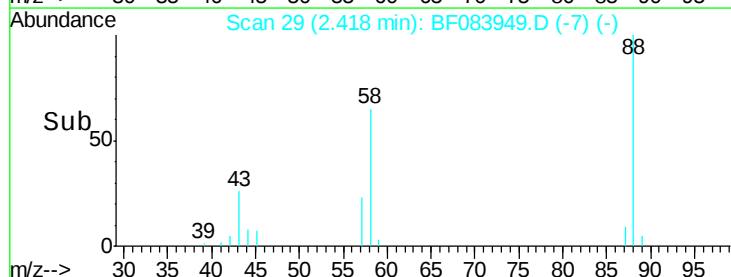
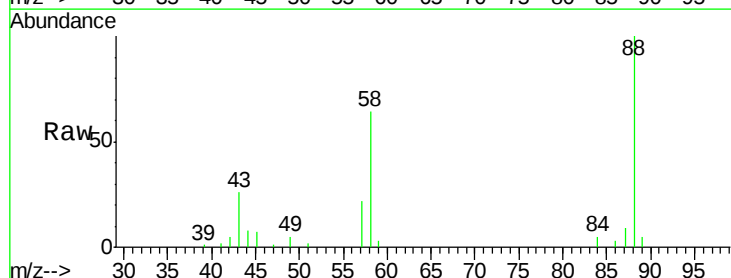
RT: 2.42 min Scan# 29

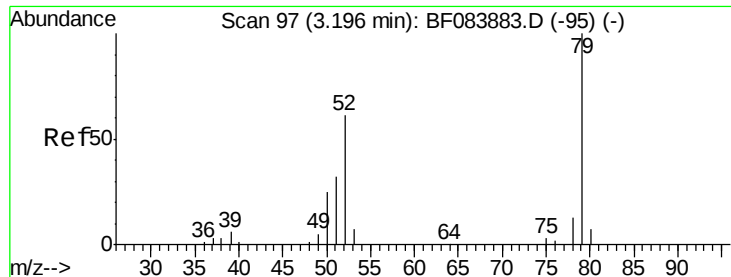
Delta R.T. -0.05 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	88	Resp:	64856
Ion Ratio	Lower	Upper	
88	100		
58	61.8	51.2	76.8
43	25.1	19.5	29.3





#3

Pvridine

Concen: 36.46 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.05 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

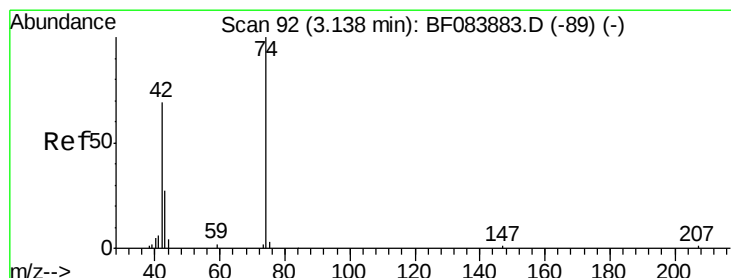
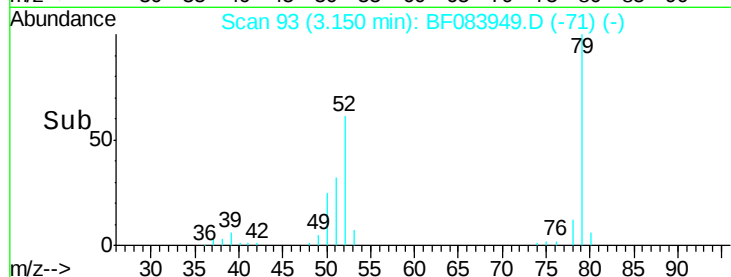
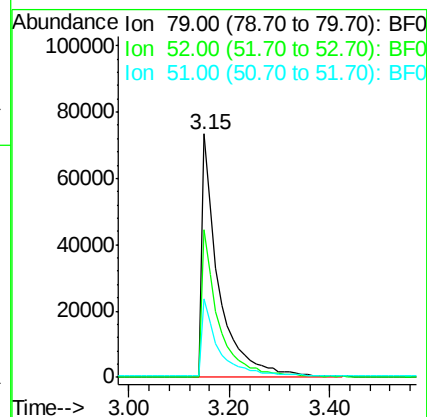
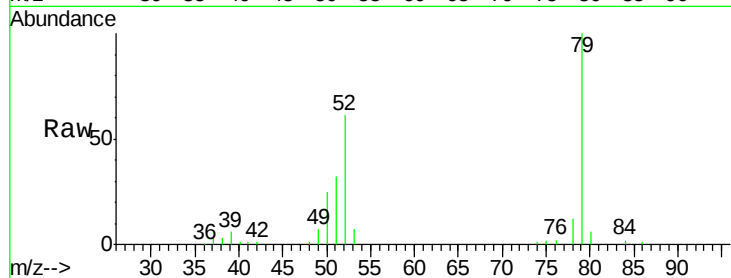
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	172516
Ion Ratio	Lower	Upper	
79	100		
52	60.8	49.0	73.4
51	32.3	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.52 ng

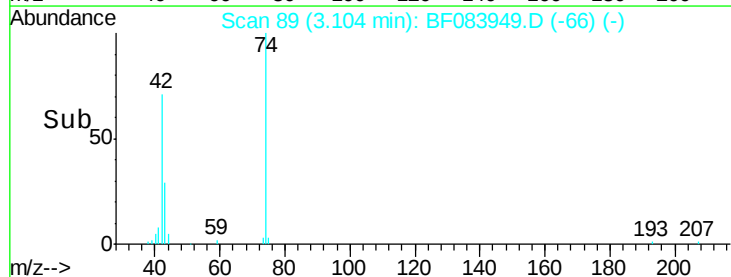
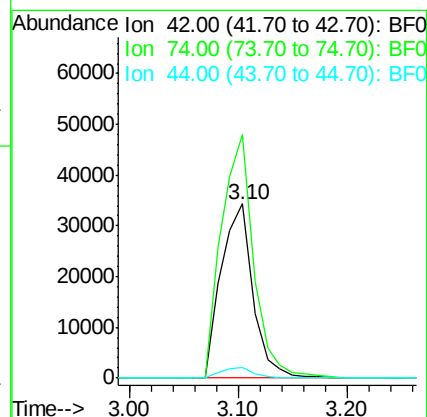
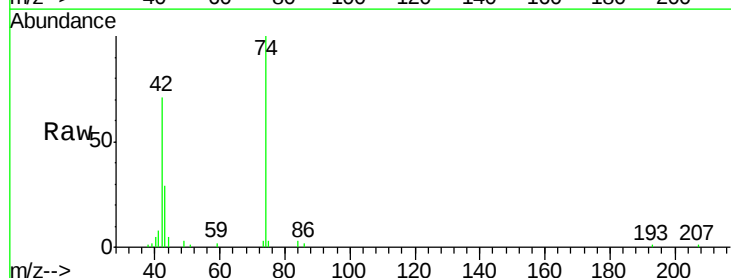
RT: 3.10 min Scan# 89

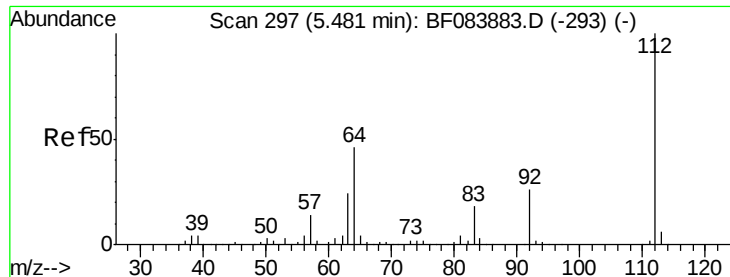
Delta R.T. -0.03 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	42	Resp:	69534
Ion Ratio	Lower	Upper	
42	100		
74	140.0	115.7	173.5
44	6.5	5.1	7.7





#5

2-Fluorophenol

Concen: 69.46 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 306437
Ion Ratio Lower Upper

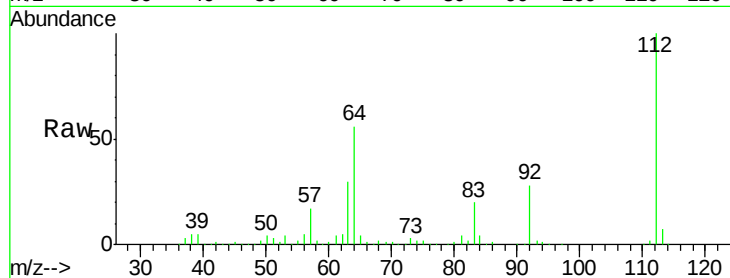
112 100

64 55.7 36.6 55.0#

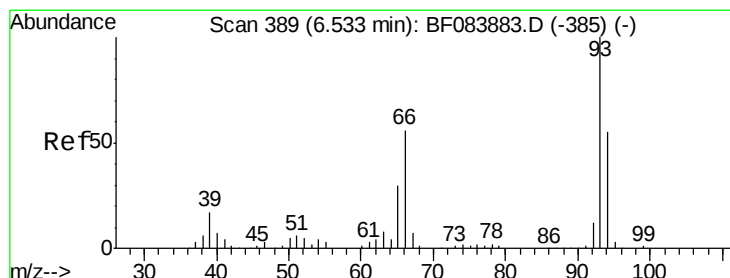
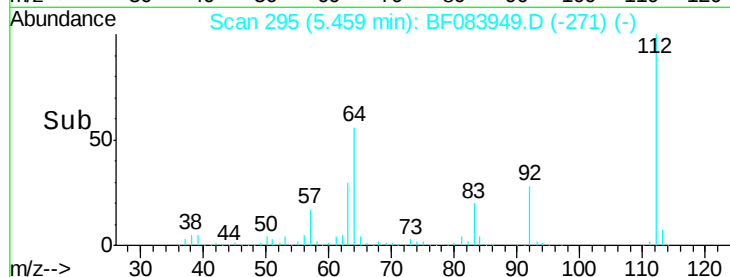
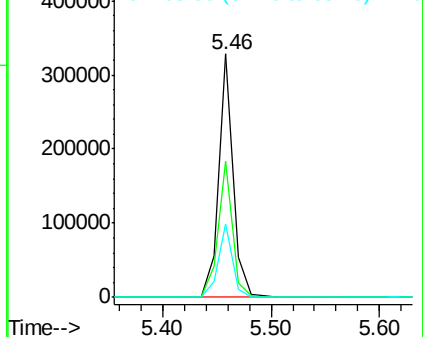
63 30.2 19.4 29.0#

Manual Integrations
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12/22/2015 11:59:23 AM



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.02 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF083949.D

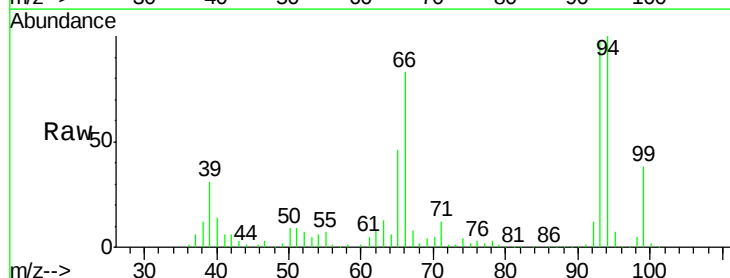
Acq: 19 Dec 2015 12:42

Tgt Ion: 93 Resp: 243514
Ion Ratio Lower Upper

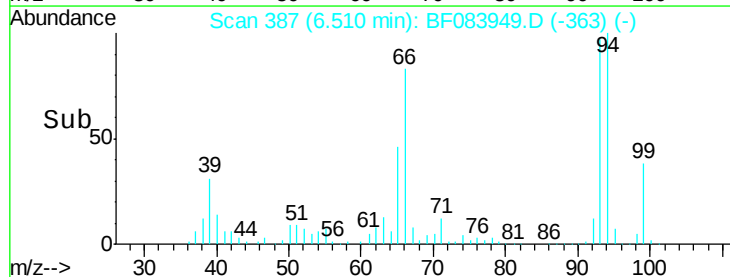
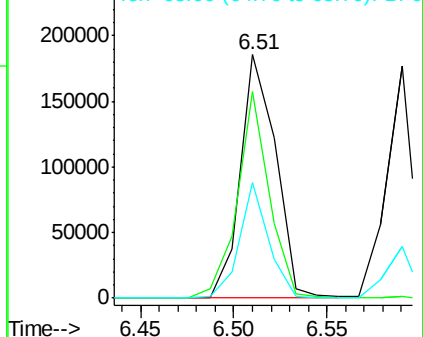
93 100

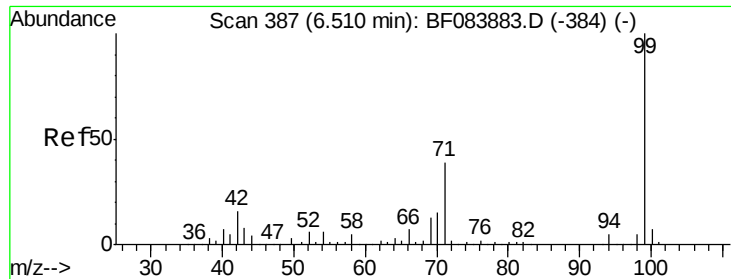
66 84.9 44.9 67.3#

65 47.7 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.48 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

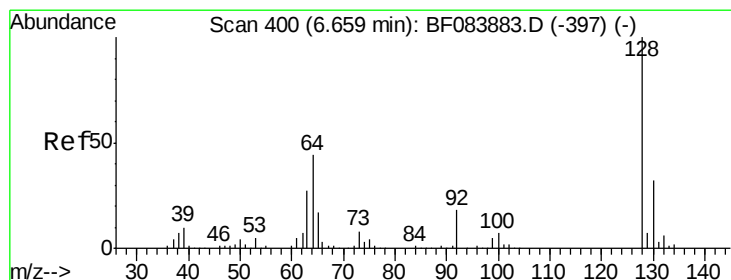
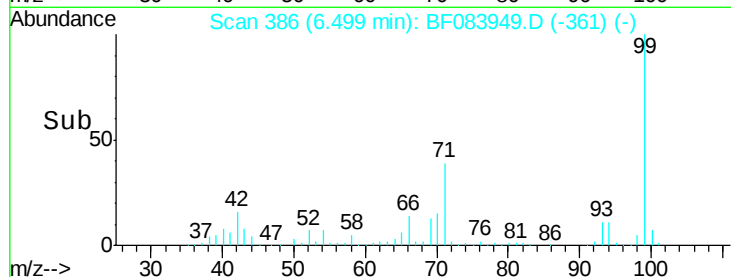
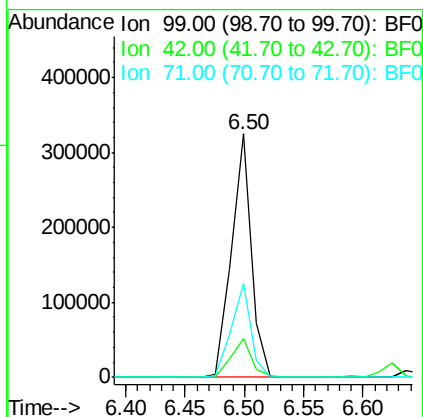
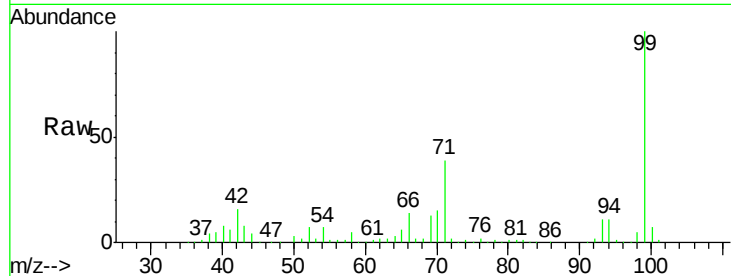
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	375180
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.8	19.2
71	38.6	30.9	46.3

Manual Integrations
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12/22/2015 11:59:23 AM



#8

2-Chlorophenol

Concen: 35.24 ng

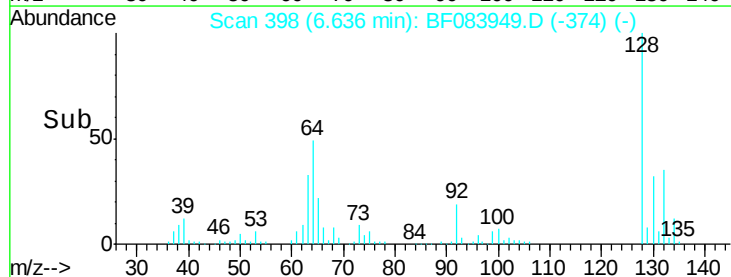
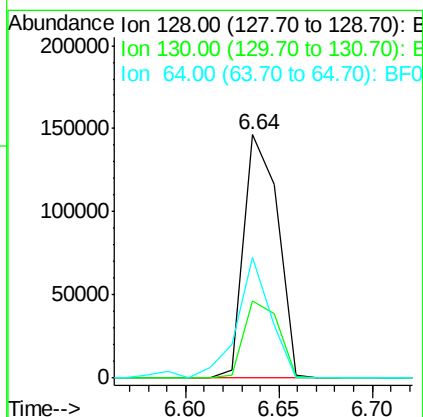
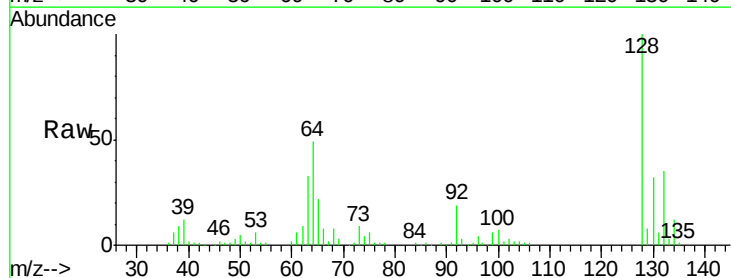
RT: 6.64 min Scan# 398

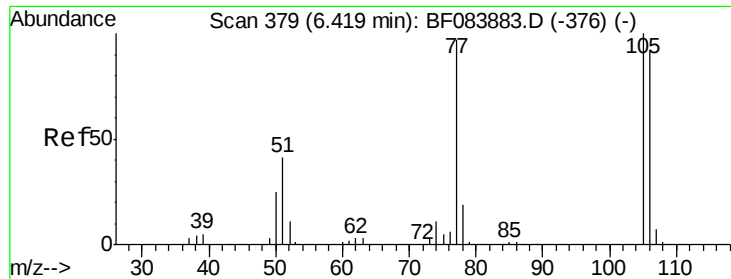
Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	128	Resp:	185043
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.6	51.6
64	49.4	23.8	63.8





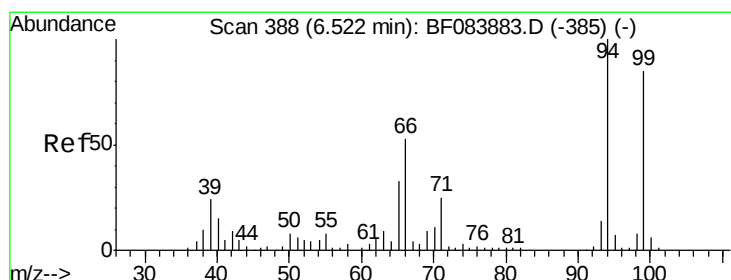
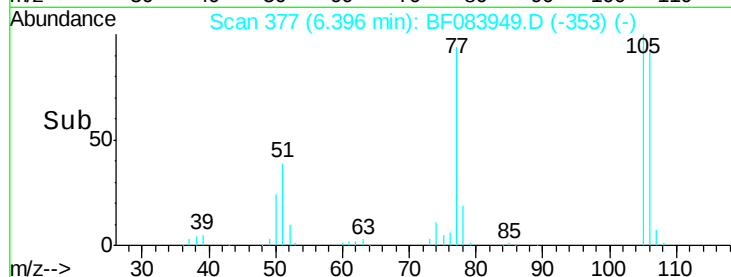
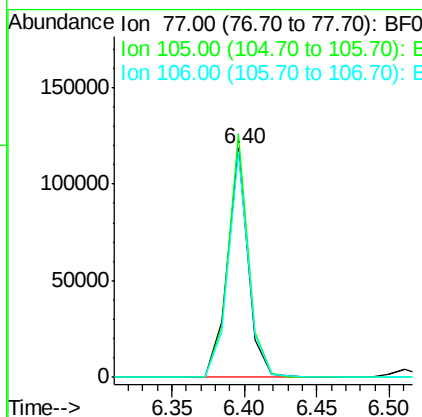
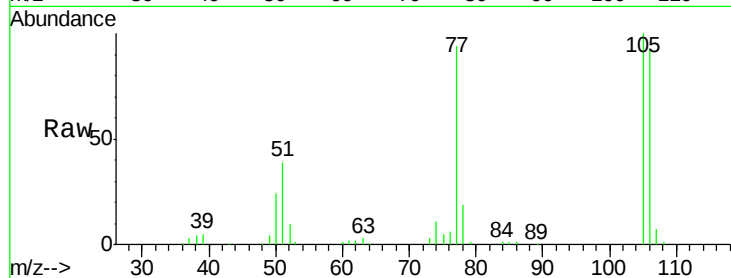
#9
Benzaldehyde
Concen: 35.58 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083949.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.0	123.0
106	98.4	74.6	114.6

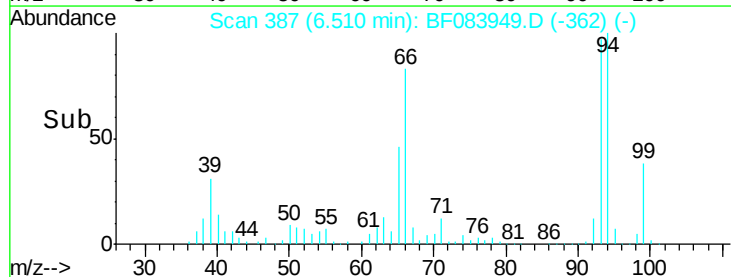
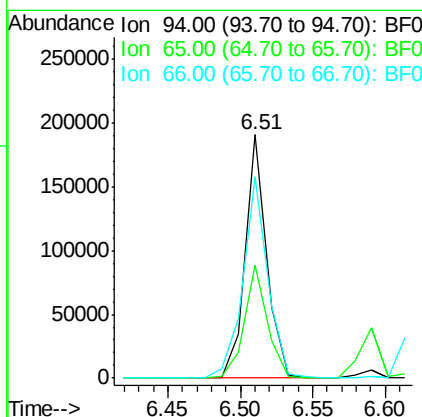
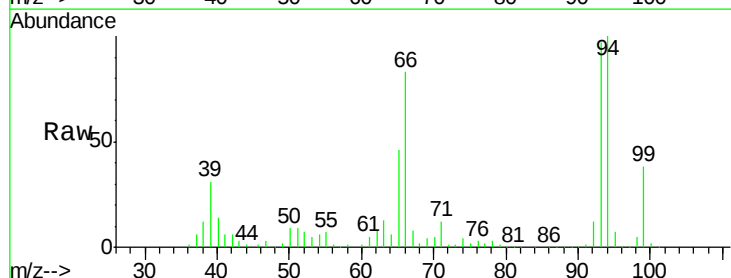
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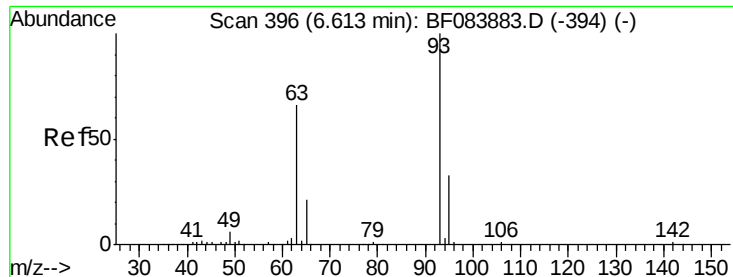
apatel
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#10
Phenol
Concen: 32.47 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.4	12.9	52.9
66	82.6	32.7	72.7





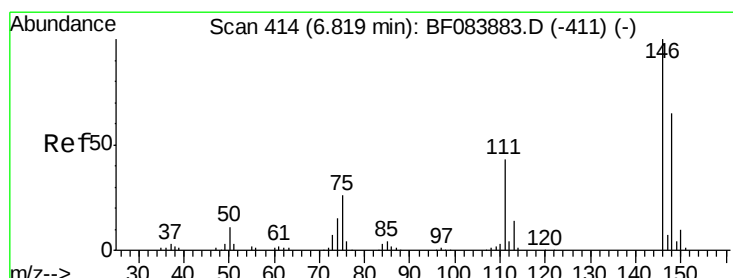
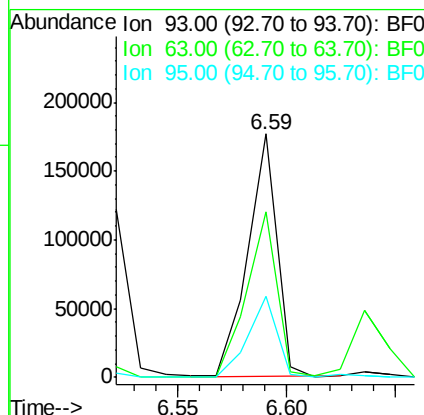
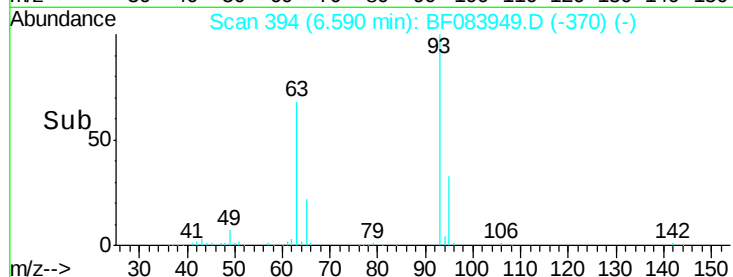
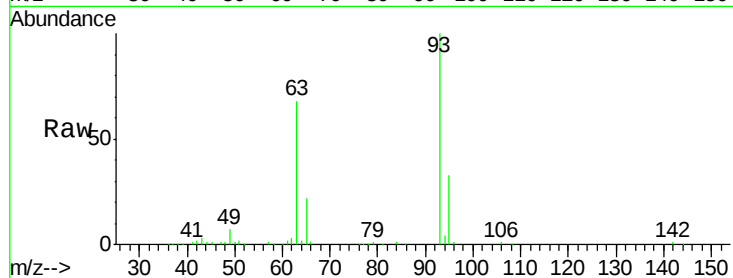
#11
bis(2-Chloroethyl)ether
Concen: 35.81 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	163920
Ion Ratio	Lower	Upper	
93	100		
63	68.1	45.9	85.9
95	33.5	12.3	52.3

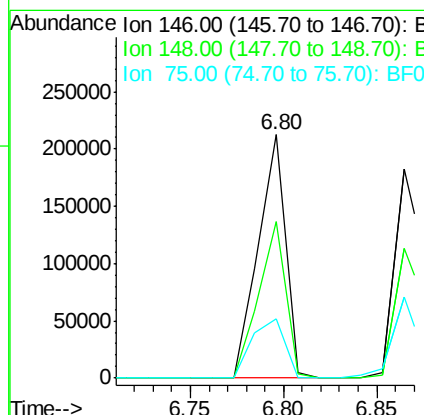
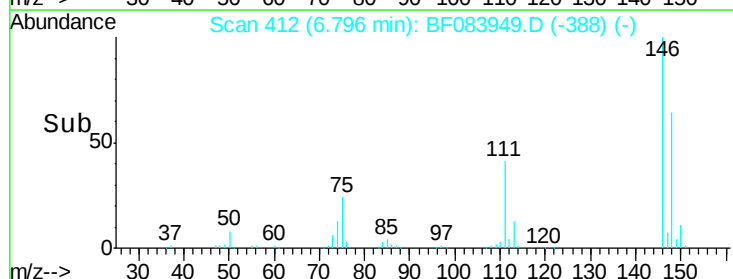
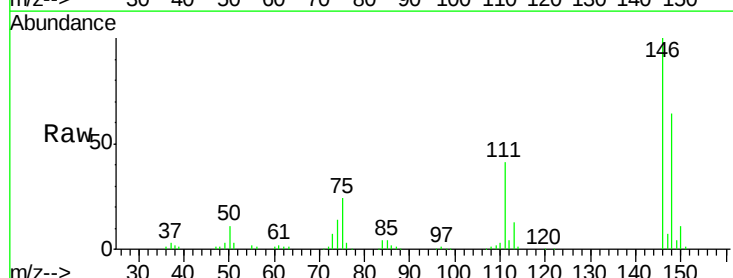
Manual Integrations
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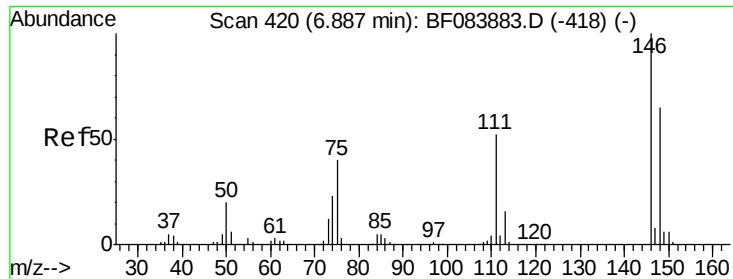
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#12
1,3-Dichlorobenzene
Concen: 38.16 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion:	146	Resp:	215480
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
75	24.5	20.5	30.7





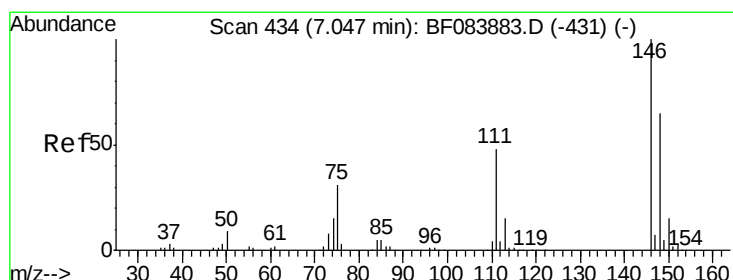
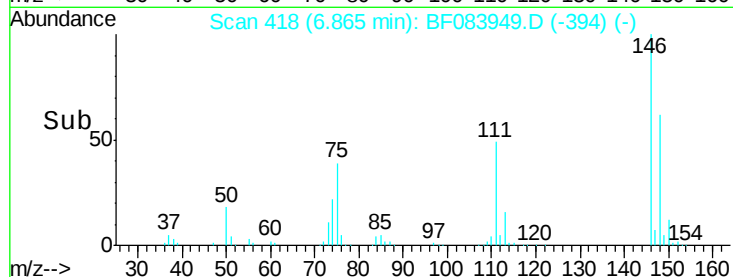
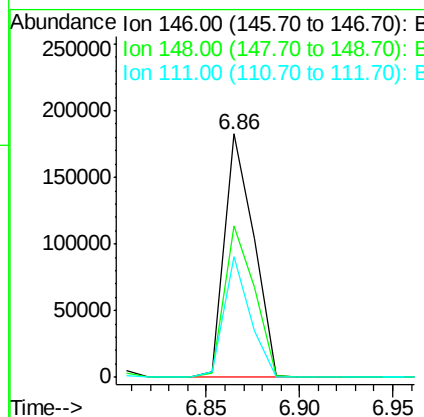
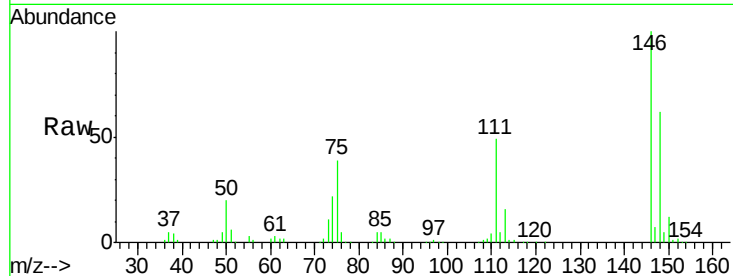
#13
 1,4-Dichlorobenzene
 Concen: 34.84 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.9	77.9
111	49.4	41.6	62.4

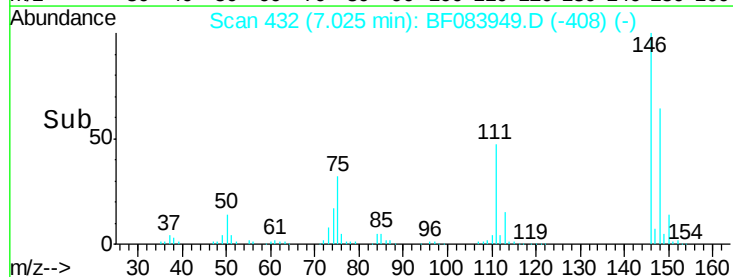
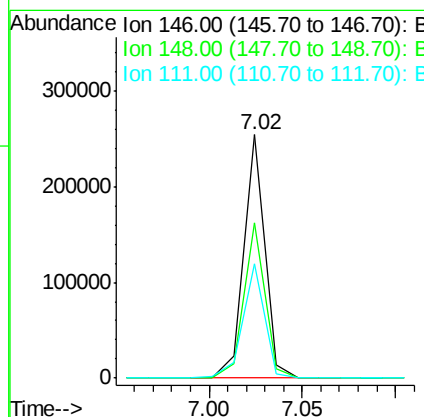
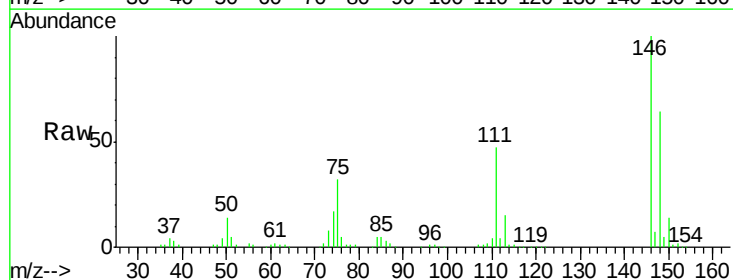
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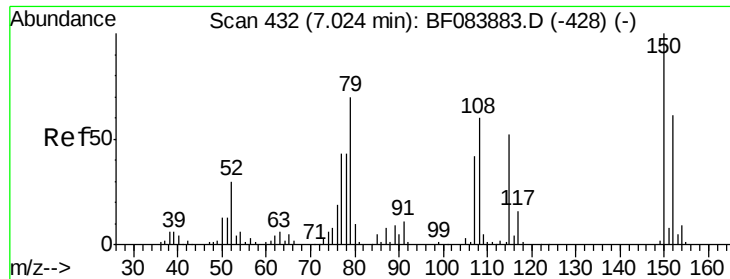
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#14
 1,2-Dichlorobenzene
 Concen: 43.09 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	46.8	38.0	57.0





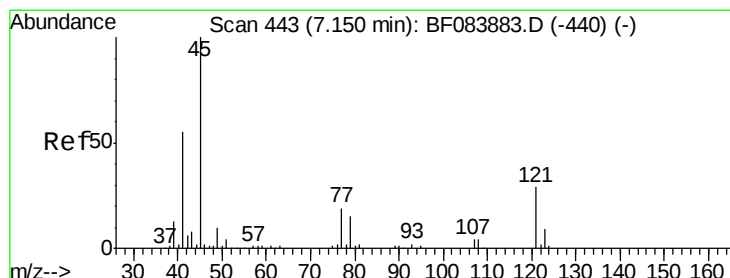
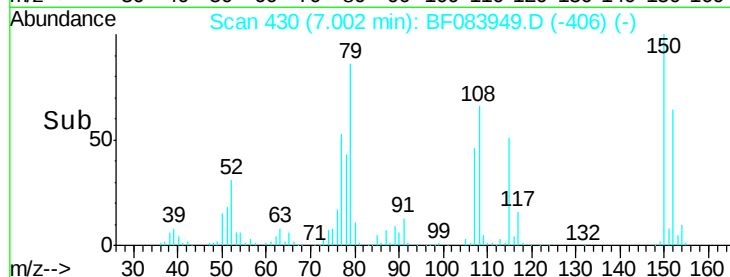
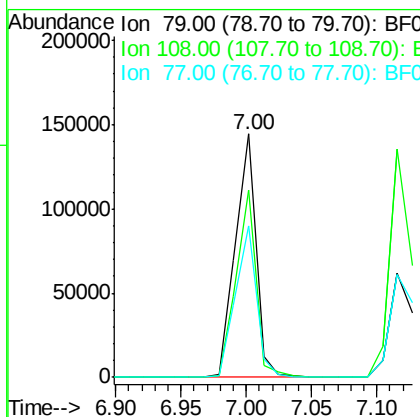
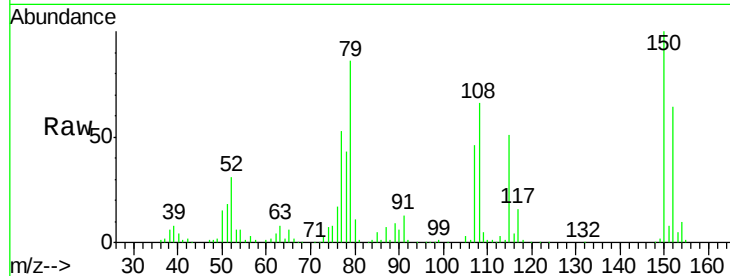
#15
Benzyl Alcohol
Concen: 38.93 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	159083		
108	76.9	69.0	103.4	
77	62.3	50.0	75.0	

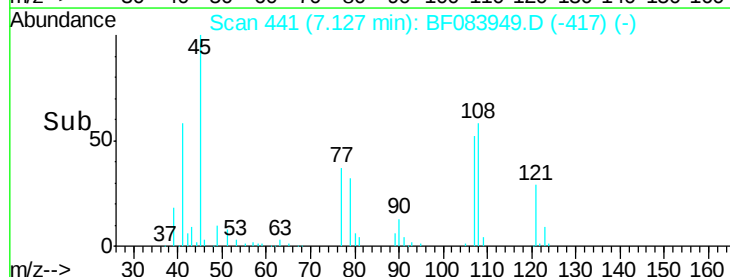
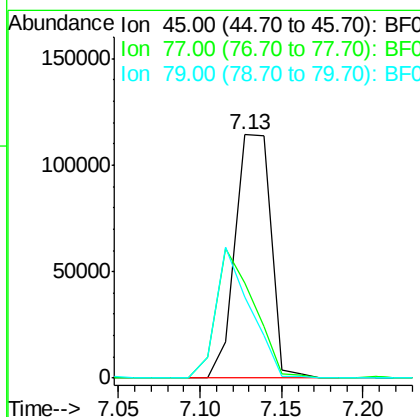
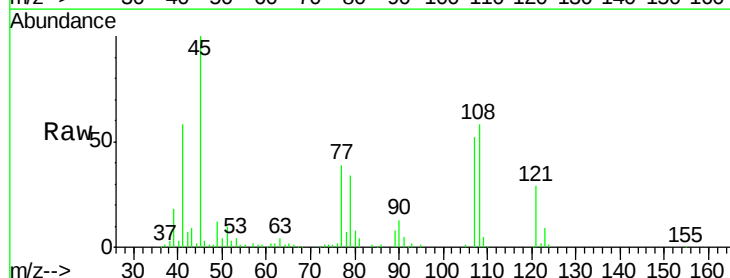
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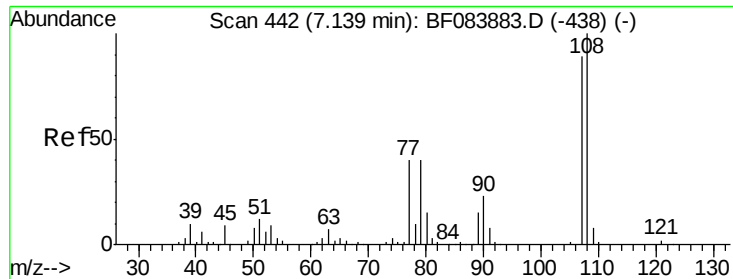
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.47 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	172112		
77	39.0	0.0	39.6	
79	33.5	0.0	35.0	





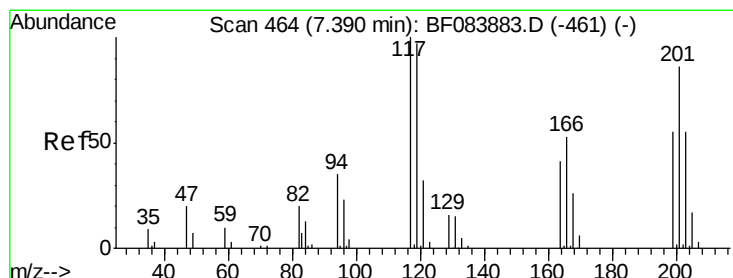
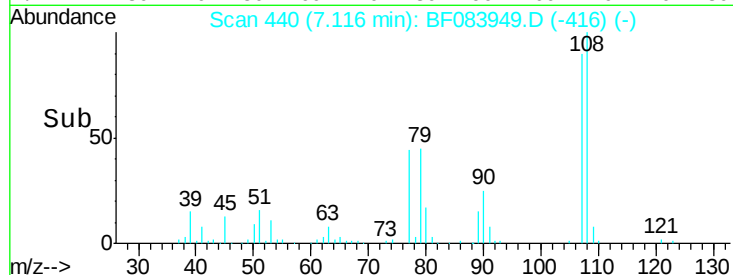
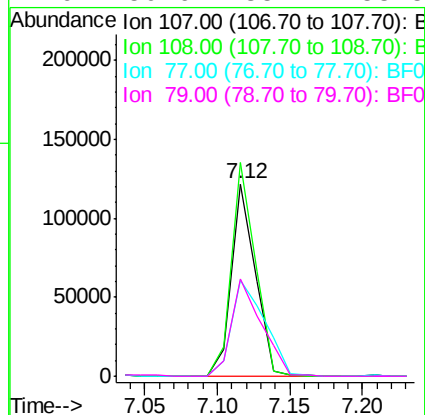
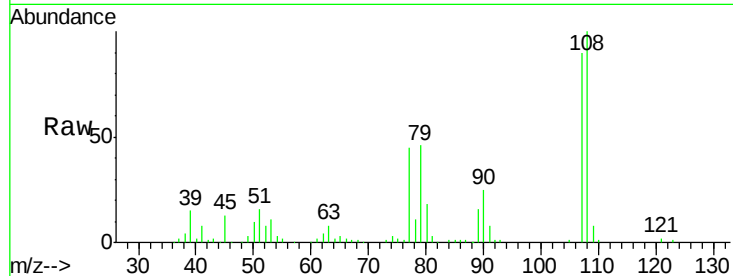
#17
2-Methylphenol
Concen: 33.85 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	89.8	134.6	
77	49.7	35.7	53.5	
79	50.6	35.7	53.5	

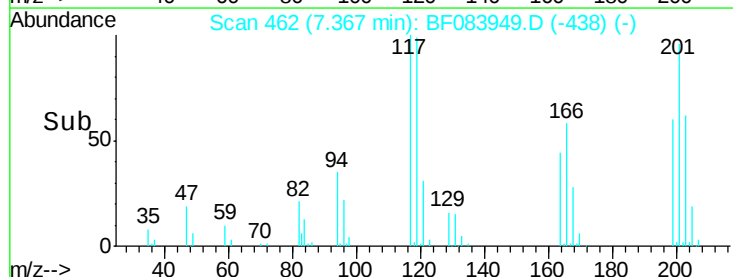
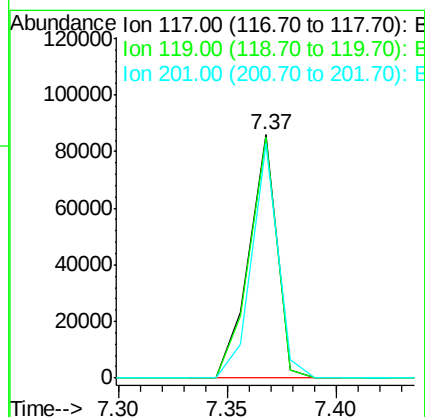
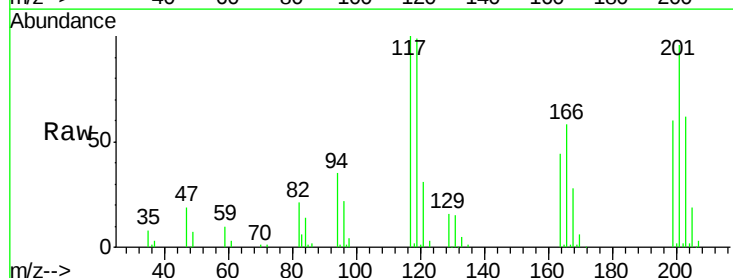
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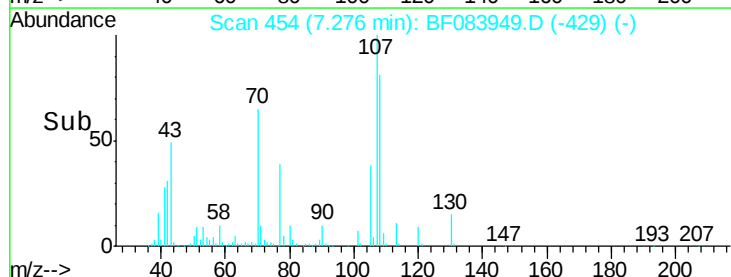
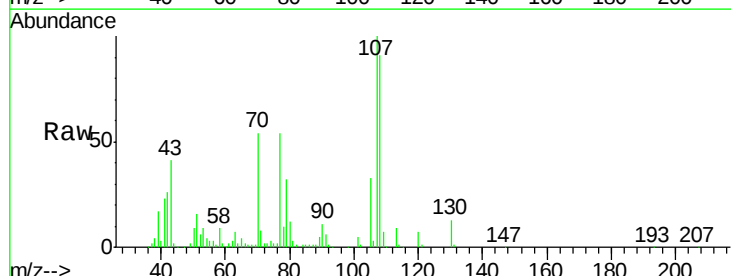
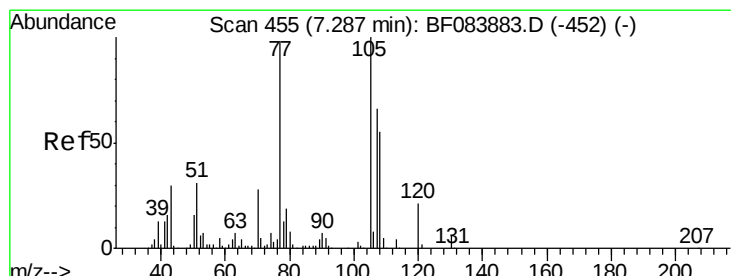
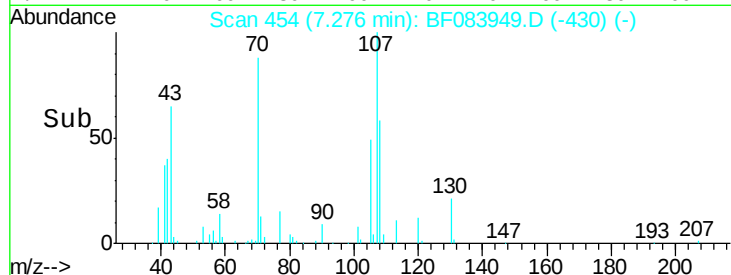
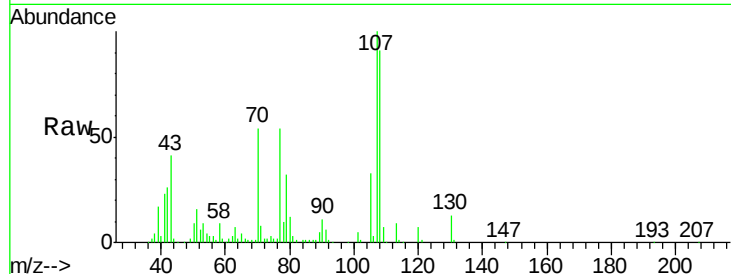
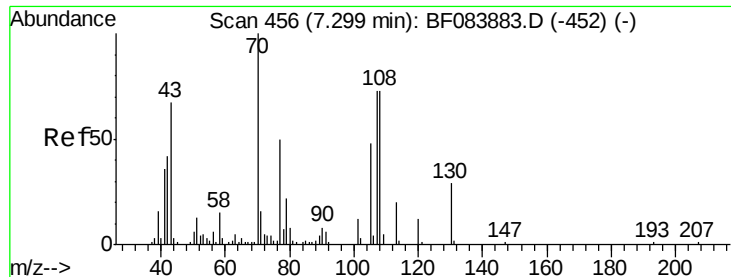
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#18
Hexachloroethane
Concen: 36.30 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	77.4	116.0	
201	96.3	68.6	103.0	





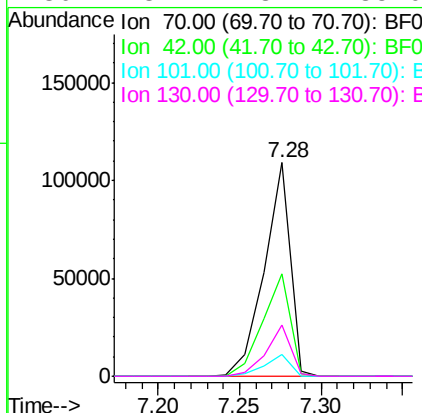
#19
n-Nitroso-di-n-propylamine
Concen: 38.51 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		121222		
42	48.1	33.3	49.9		
101	10.1	9.3	13.9		
130	23.7	23.4	35.0		

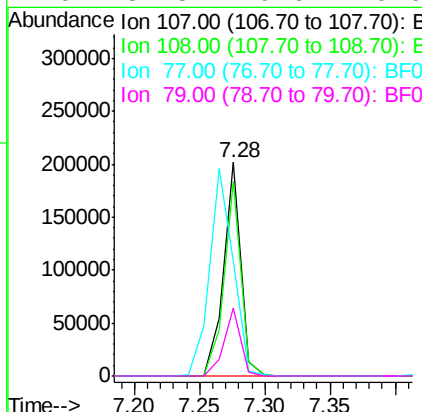
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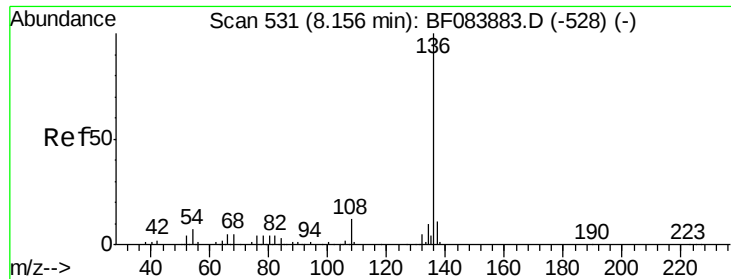
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#20
3+4-Methylphenols
Concen: 38.61 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		186876		
108	90.9	64.1	104.1		
77	53.7	128.9	168.9#		
79	31.8	9.6	49.6		





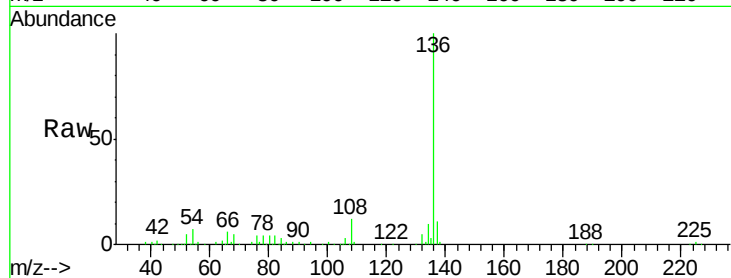
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

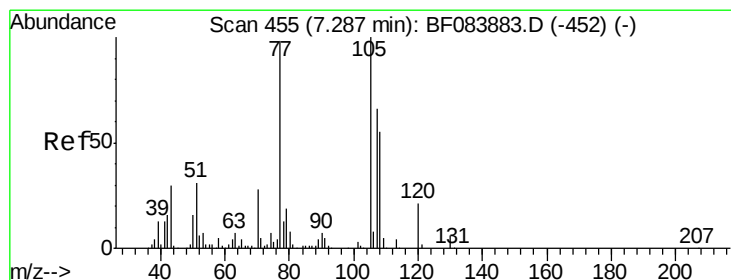
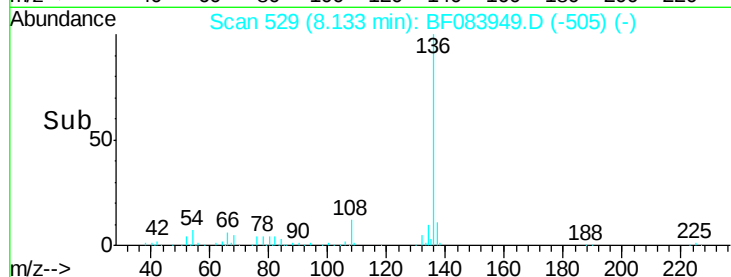
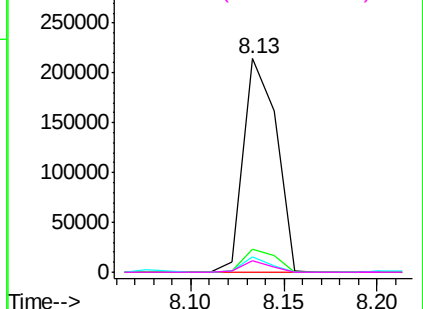
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265871		
137	10.7		8.7	13.1	
54	7.2		5.8	8.8	
68	5.4		4.2	6.2	

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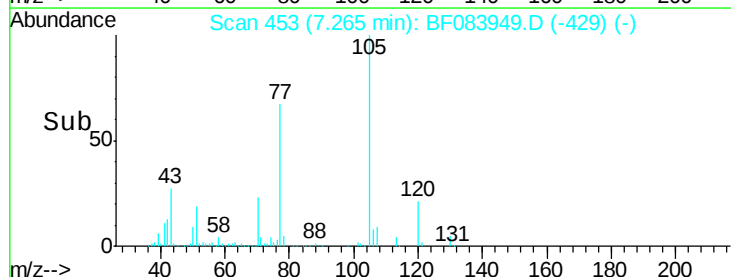
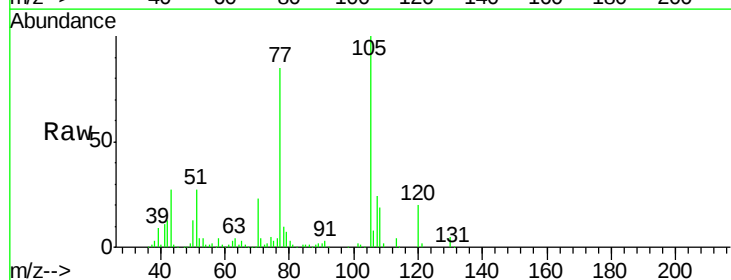
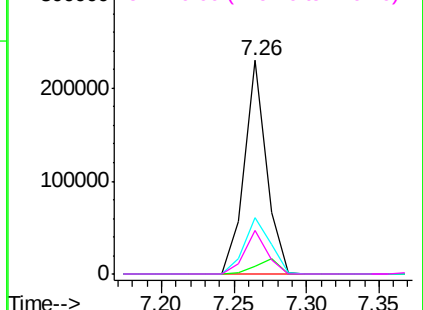
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

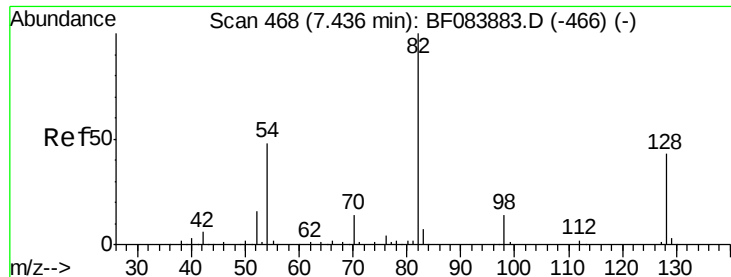


#22
Acetophenone
Concen: 38.05 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		243525		
71	3.9		3.7	5.5	
51	26.7		25.1	37.7	
120	20.4		16.6	25.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





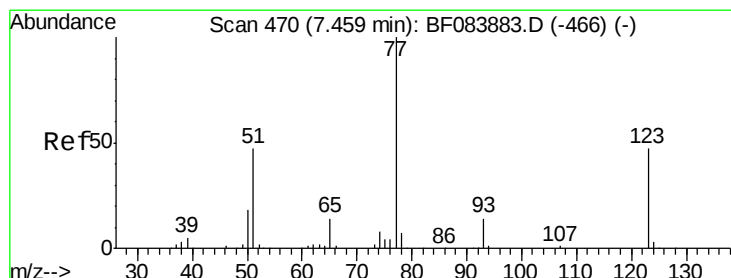
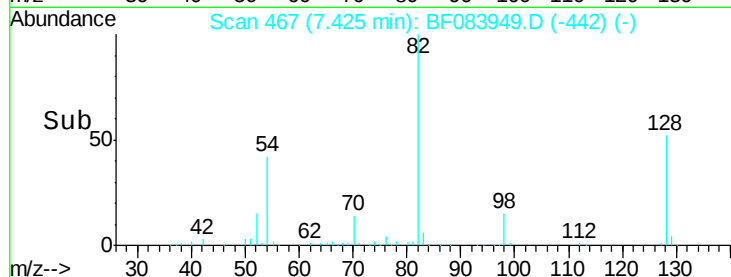
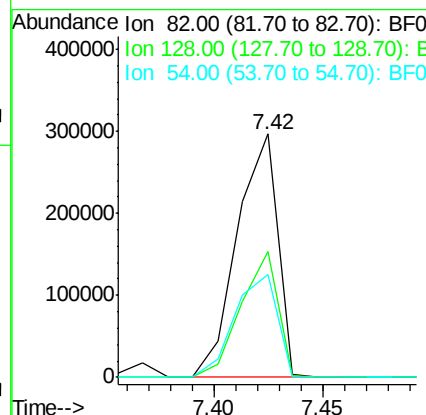
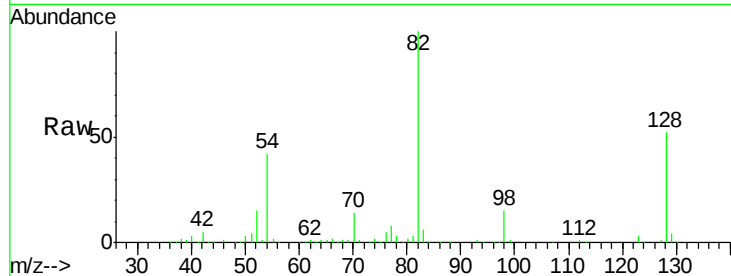
#23
 Nitrobenzene-d5
 Concen: 82.30 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.7	34.6	51.8
54	42.5	38.4	57.6

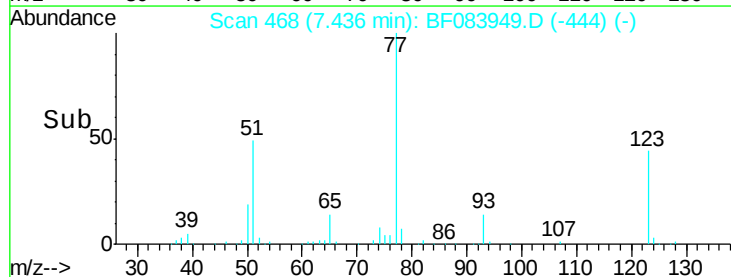
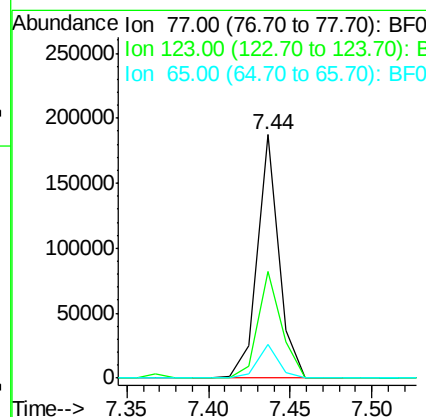
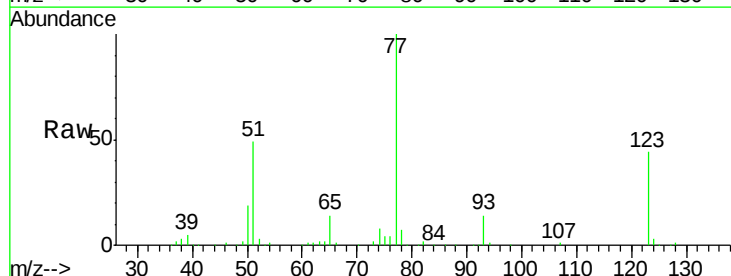
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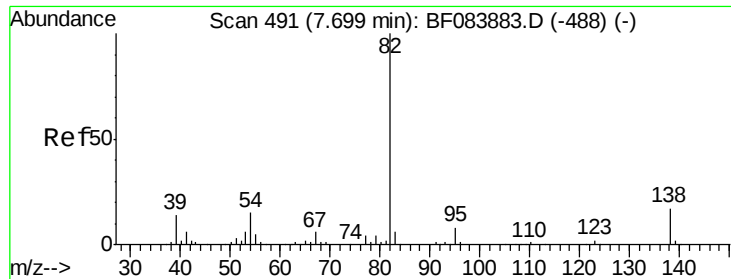
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#24
 Nitrobenzene
 Concen: 35.79 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.4	56.2
65	13.9	10.9	16.3





#25

Isophorone

Concen: 38.20 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

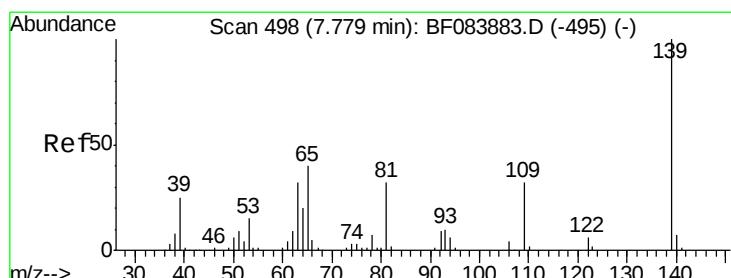
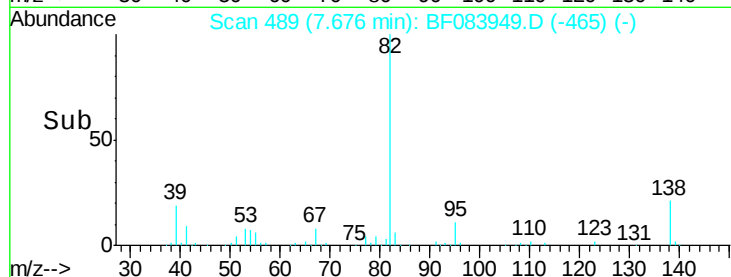
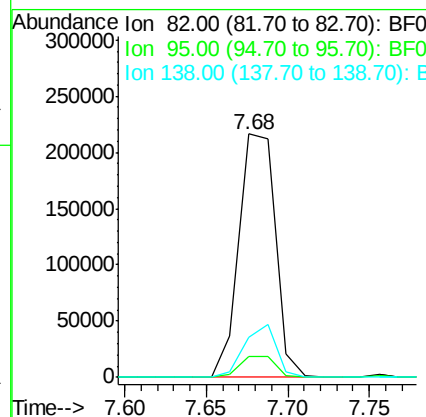
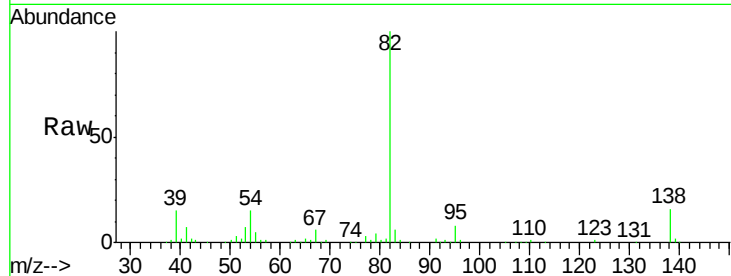
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	334817
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.6	10.0
138	16.3	13.6	20.4

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#26

2-Nitrophenol

Concen: 42.57 ng

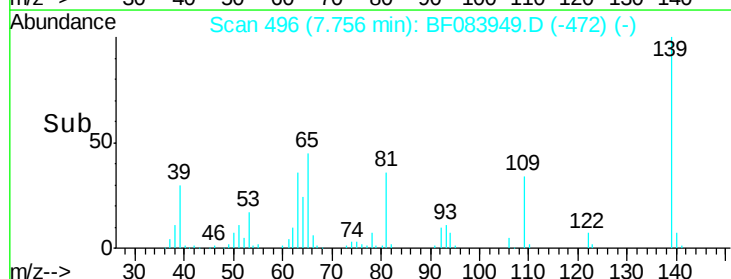
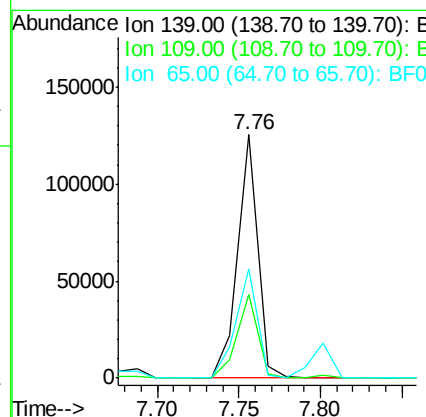
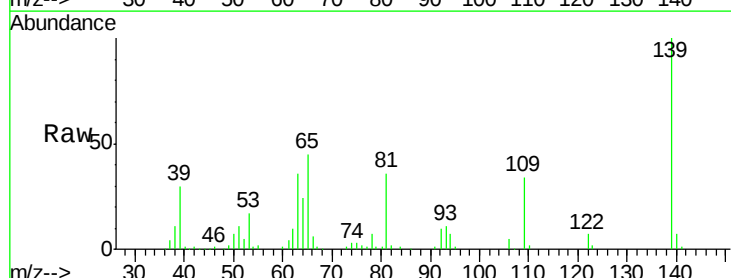
RT: 7.76 min Scan# 496

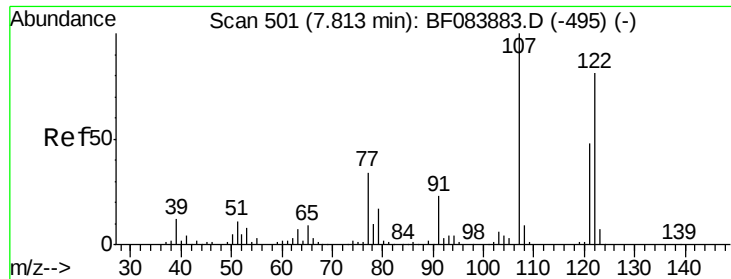
Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	139	Resp:	106168
Ion Ratio		Lower	Upper
139	100		
109	34.4	25.4	38.2
65	44.7	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 41.68 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

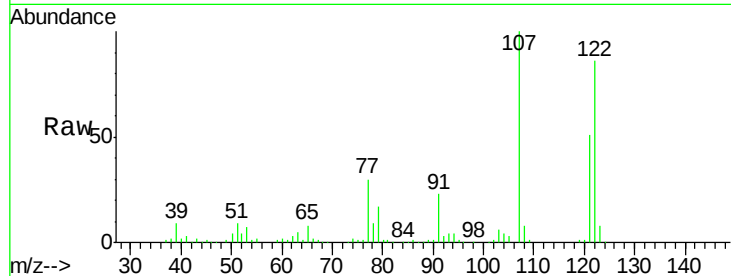
ClientSampleId :

SSTDCCC040

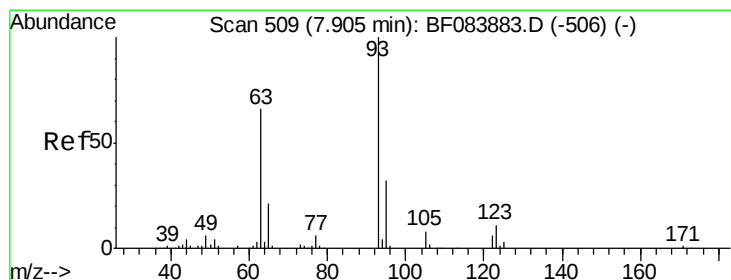
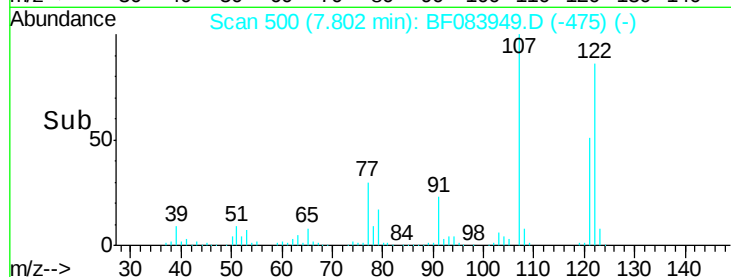
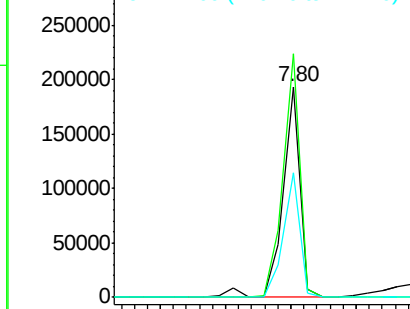
Tot Ion:	122	Resp:	179058
Ion Ratio	Lower	Upper	
122	100		
107	115.7	99.1	148.7
121	59.2	47.9	71.9

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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: 40.31 ng

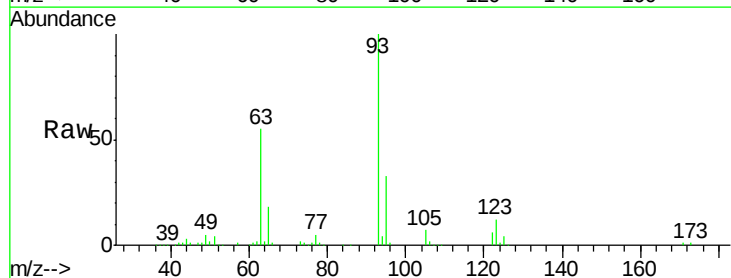
RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

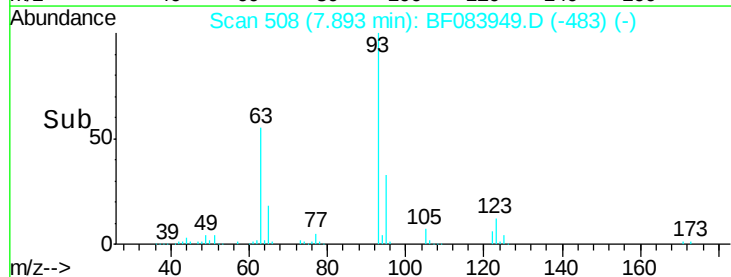
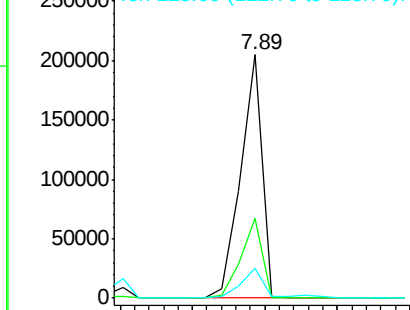
Lab File: BF083949.D

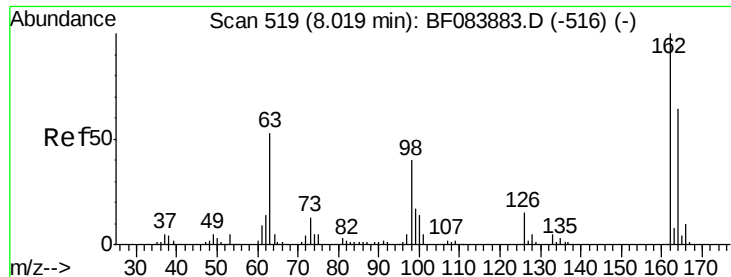
Acq: 19 Dec 2015 12:42

Tgt Ion:	93	Resp:	208971
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.8	38.6
123	12.2	8.6	12.8



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





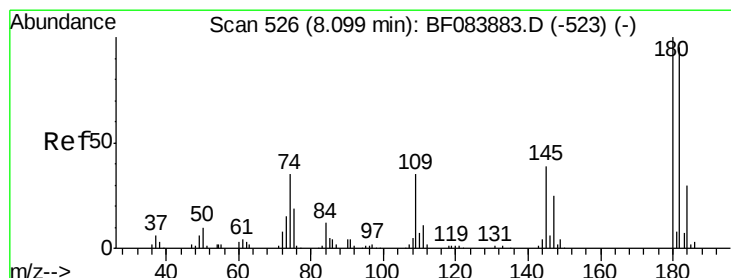
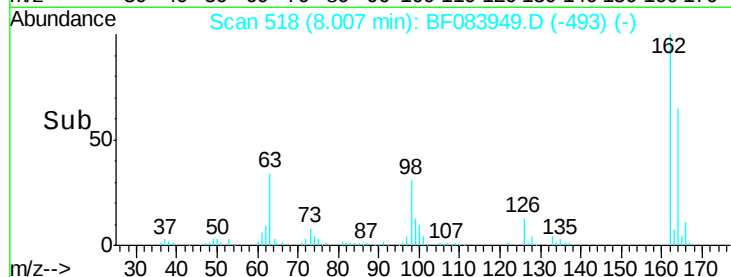
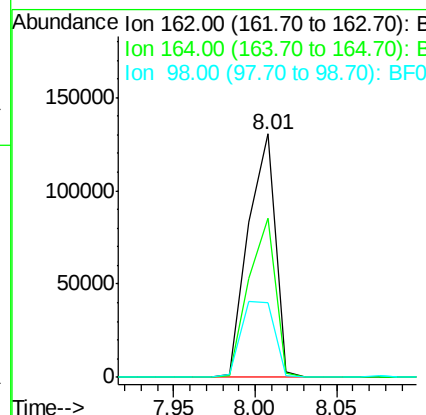
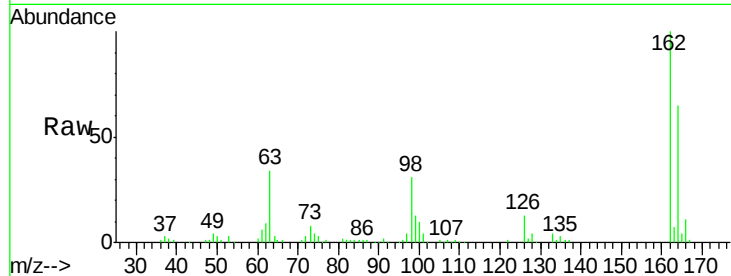
#29
 2,4-Dichlorophenol
 Concen: 38.53 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	44.1	84.1
98	30.8	20.2	60.2

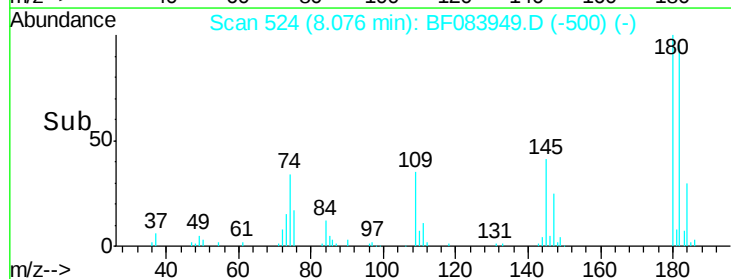
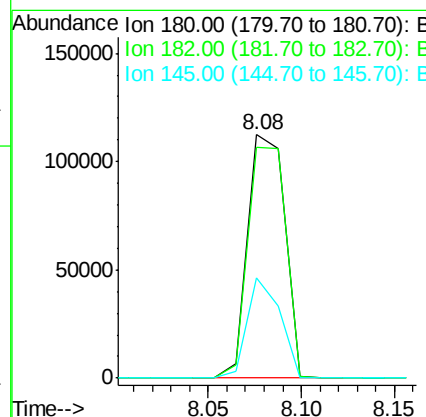
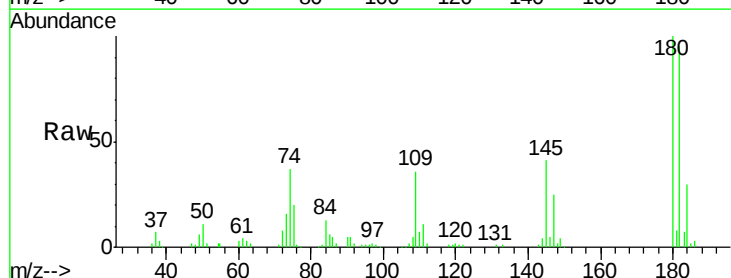
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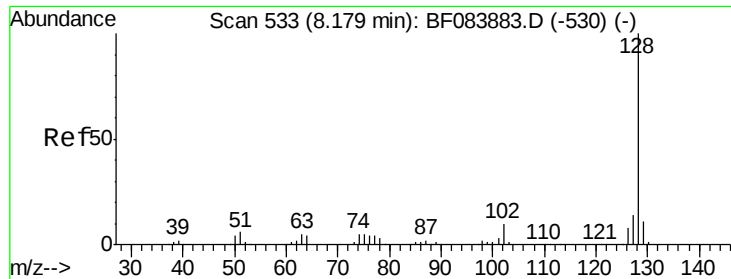
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.10 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	76.4	114.6
145	41.2	31.6	47.4





#31

Naphthalene

Concen: 37.08 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

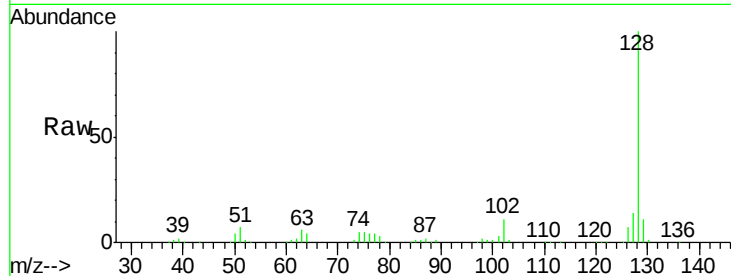
ClientSampleId :

SSTDCCC040

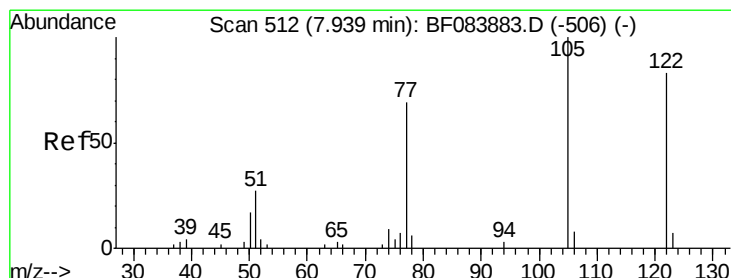
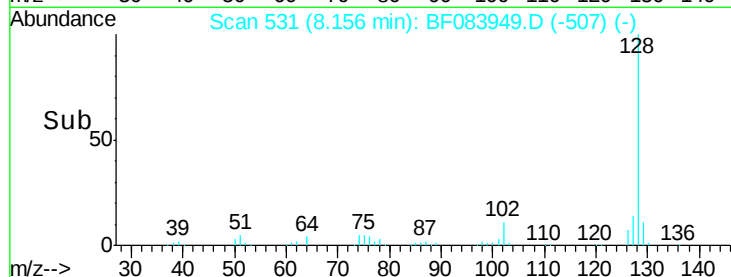
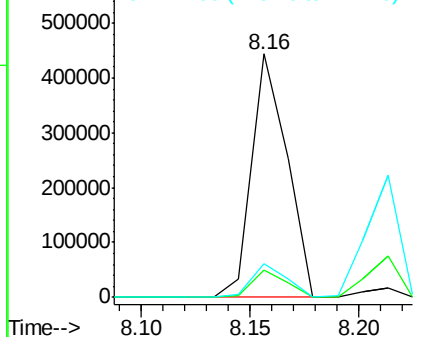
Tot Ion:	128	Resp:	501854
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.9	11.1	16.7

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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: 53.52 ng

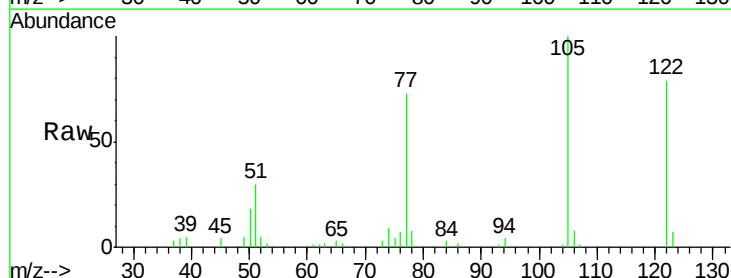
RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

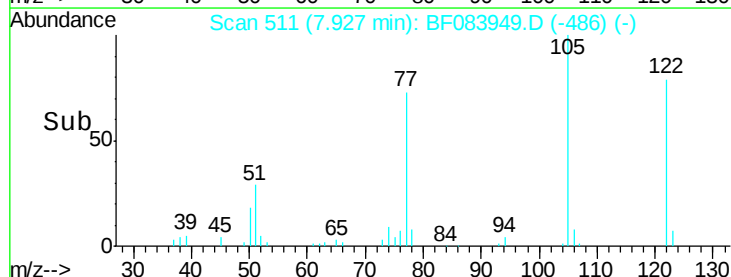
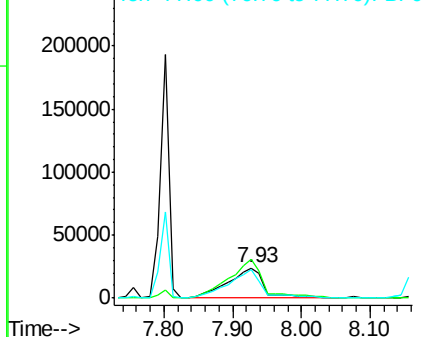
Lab File: BF083949.D

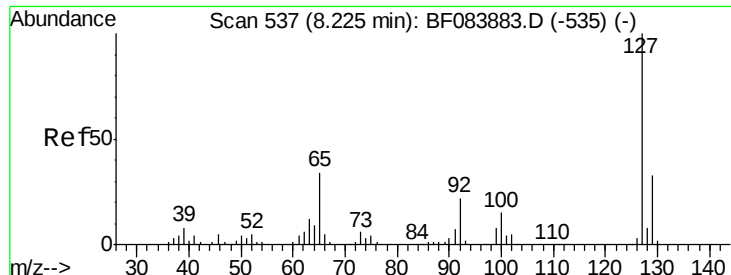
Acq: 19 Dec 2015 12:42

Tgt Ion:	122	Resp:	88524
Ion Ratio	Lower	Upper	
122	100		
105	126.4	100.3	140.3
77	91.9	63.5	103.5



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





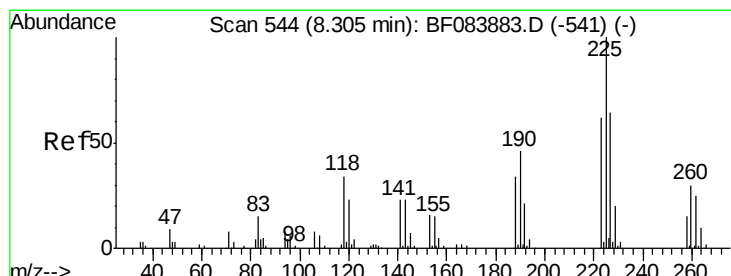
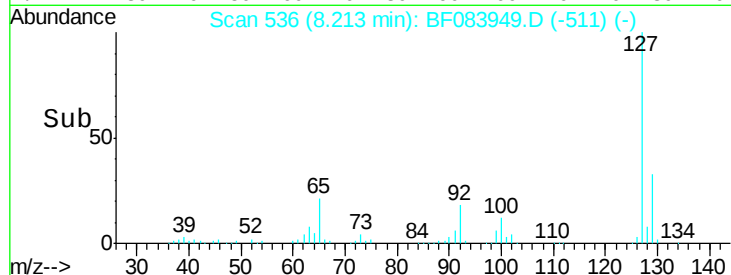
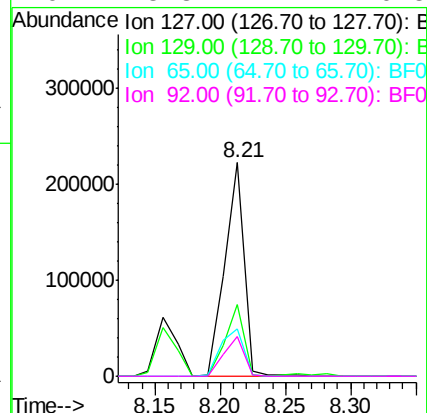
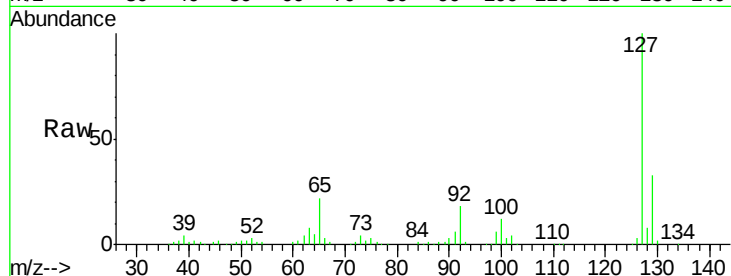
#33
4-Chloroaniline
Concen: 38.42 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.5	39.7		
65	22.0	27.2	40.8		
92	18.3	17.7	26.5		

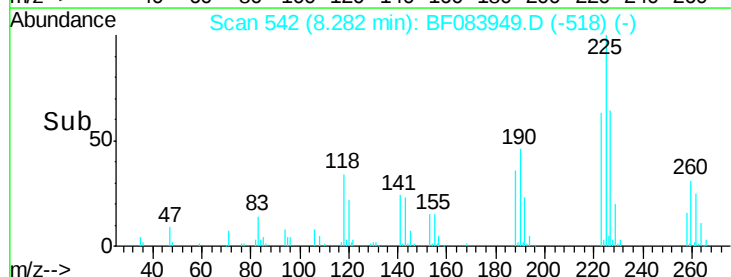
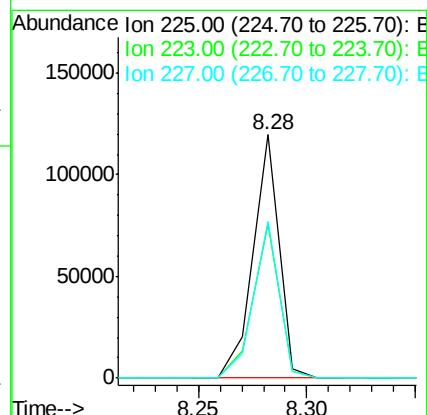
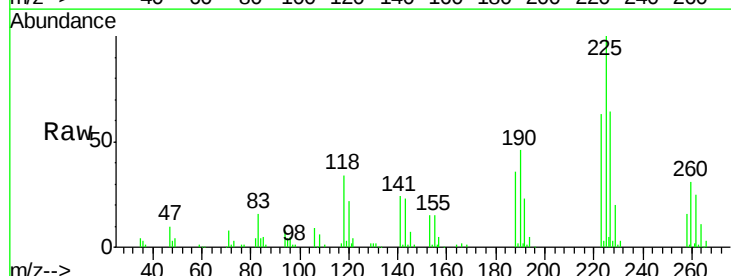
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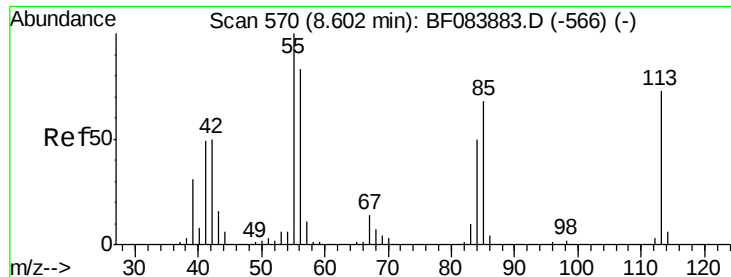
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#34
Hexachlorobutadiene
Concen: 38.05 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.4	74.0		
227	64.3	50.8	76.2		





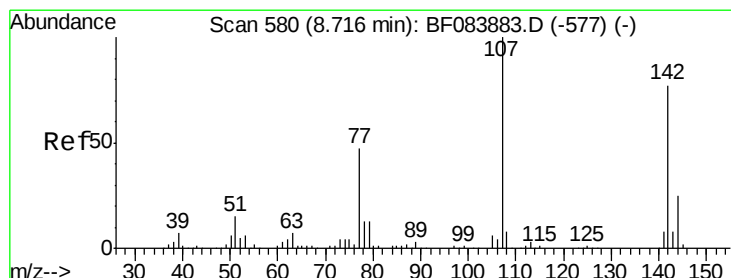
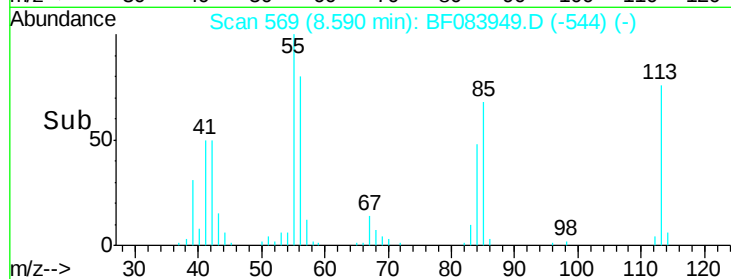
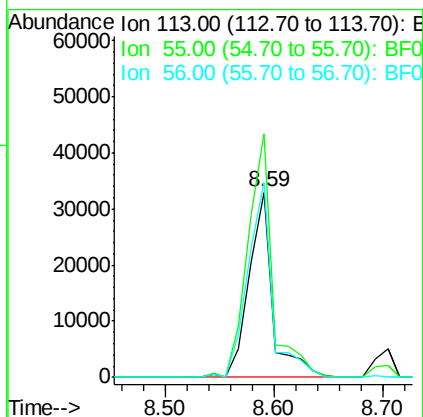
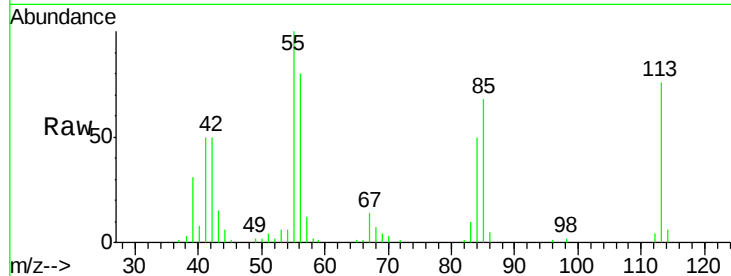
#35
 Caprolactam
 Concen: 38.66 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.6	116.9	156.9
56	105.3	93.8	133.8

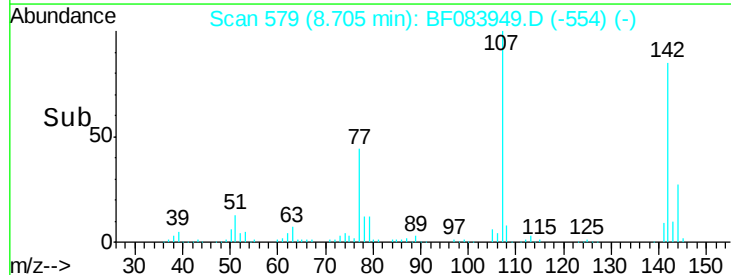
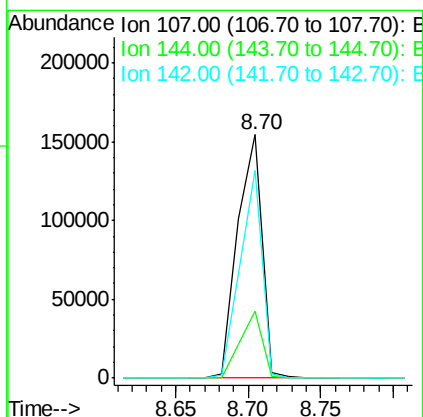
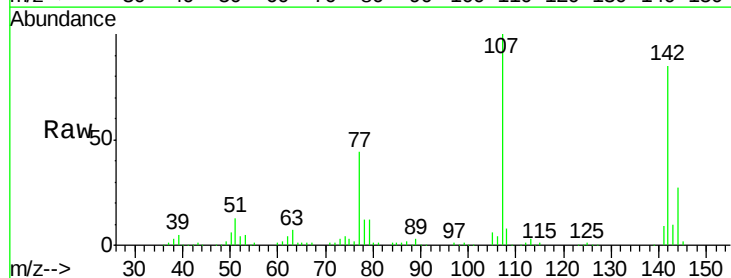
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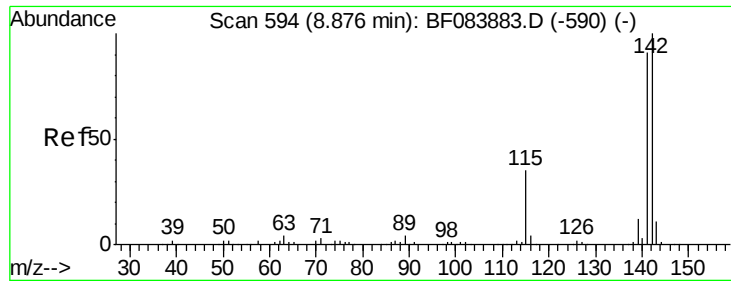
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#36
 4-Chloro-3-methylphenol
 Concen: 40.80 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	19.7	29.5
142	85.1	61.8	92.6





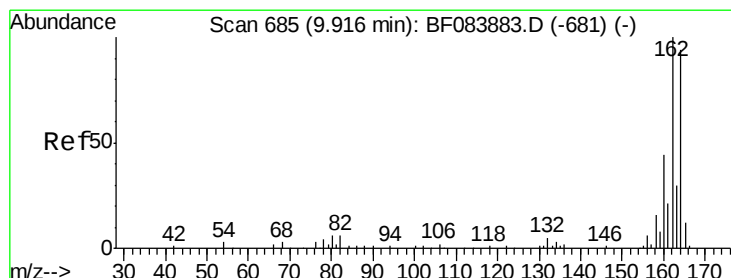
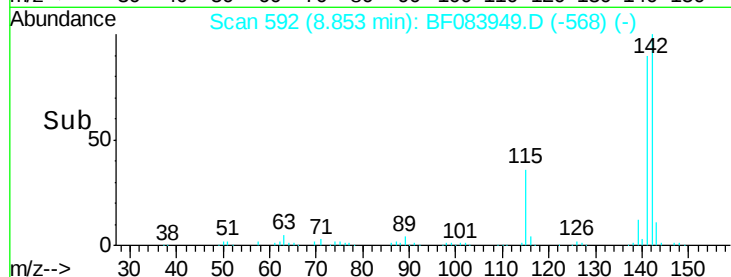
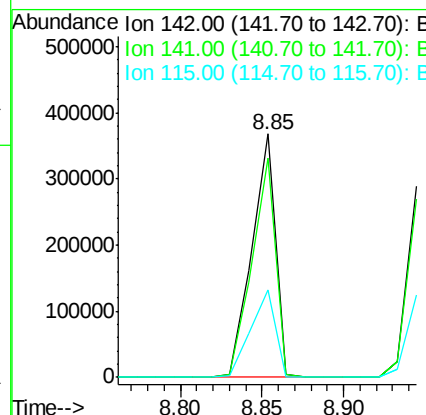
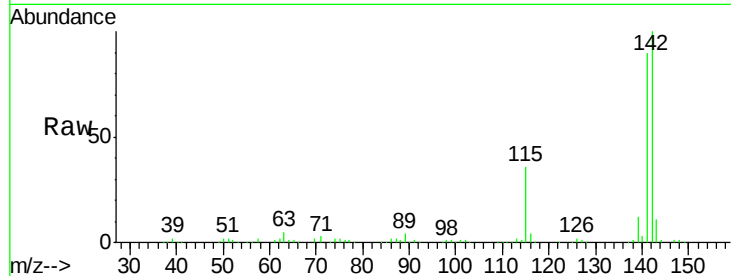
#37
2-Methylnaphthalene
Concen: 39.98 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	36.0	27.9	41.9

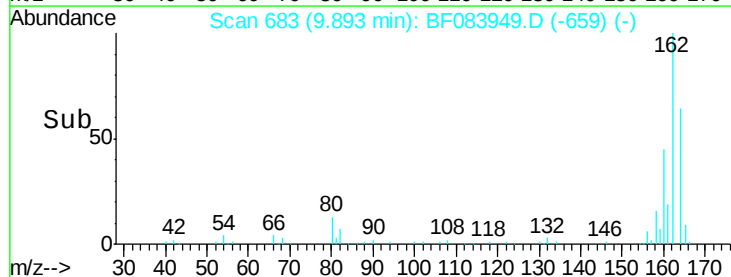
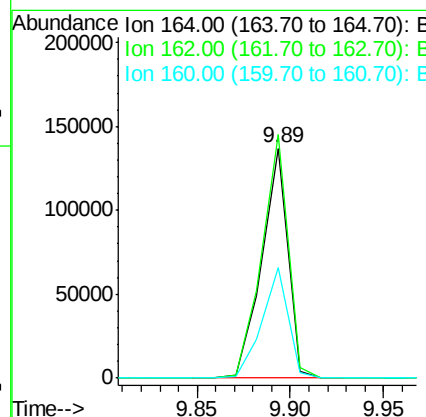
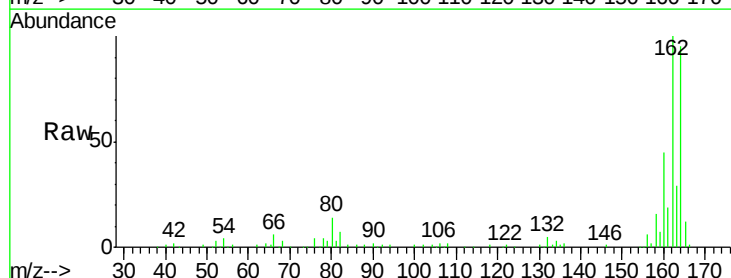
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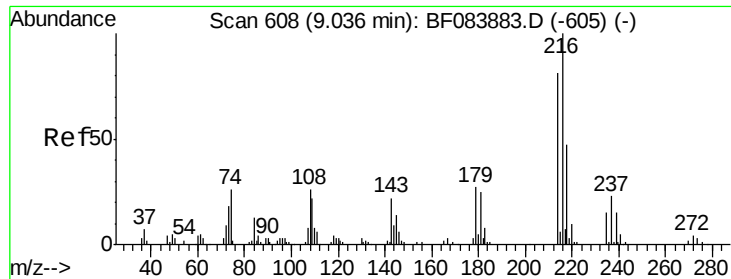
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	47.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.67 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

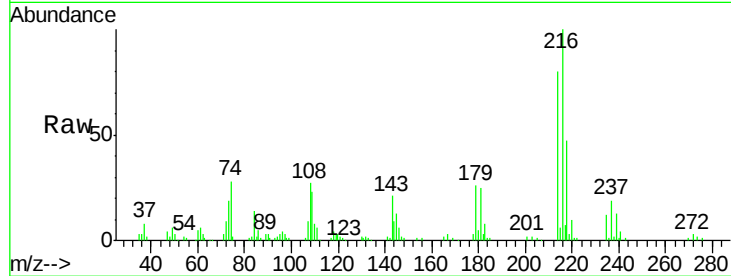
ClientSampleId :

SSTDCCC040

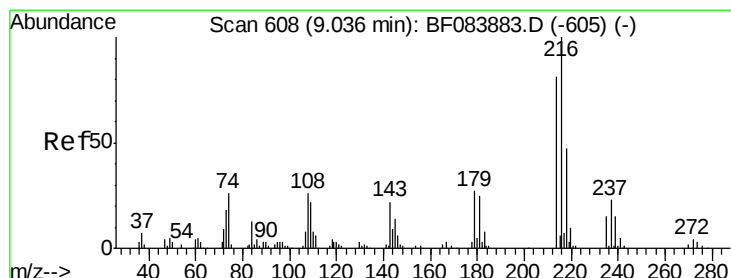
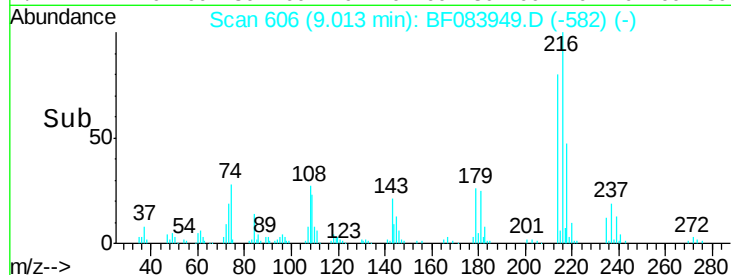
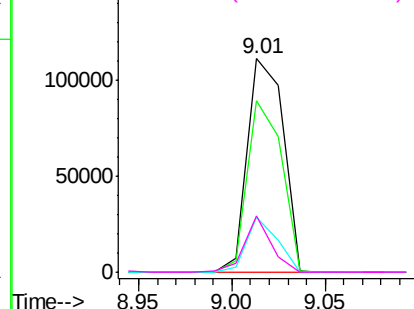
Tot Ion:	216	Resp:	148208
Ion Ratio	Lower	Upper	
216	100		
214	77.0	64.2	96.2
179	22.1	18.7	28.1
108	19.8	16.8	25.2

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



#40

Hexachlorocyclopentadiene

Concen: 34.65 ng

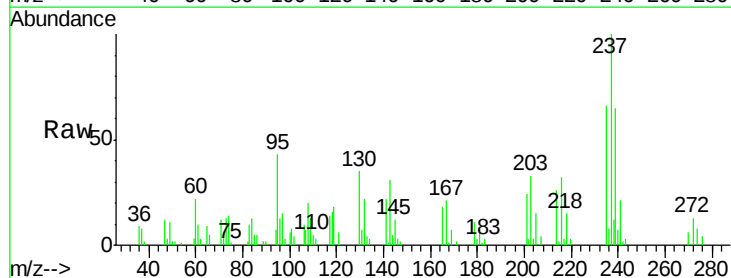
RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

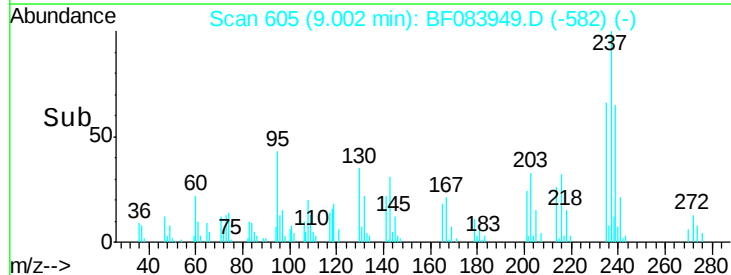
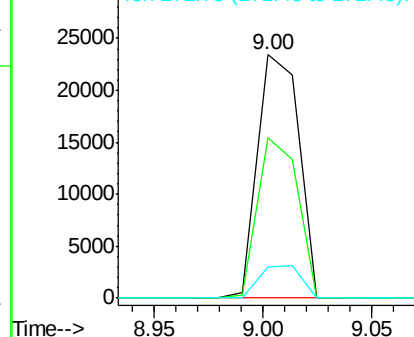
Lab File: BF083949.D

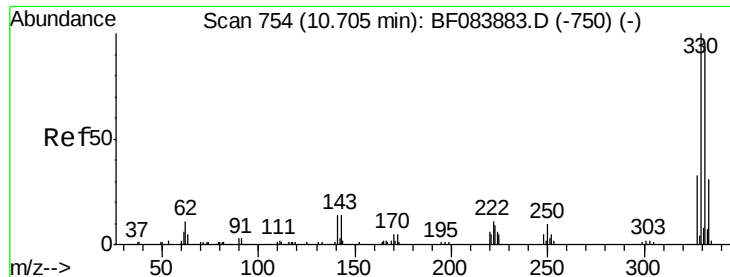
Acq: 19 Dec 2015 12:42

Tgt Ion:	237	Resp:	31157
Ion Ratio	Lower	Upper	
237	100		
235	65.9	43.1	83.1
272	12.8	0.0	35.1



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





#41

2,4,6-Tribromophenol

Concen: 80.42 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

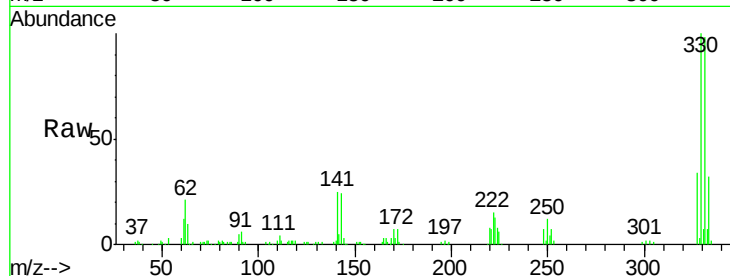
ClientSampleId :

SSTDCCC040

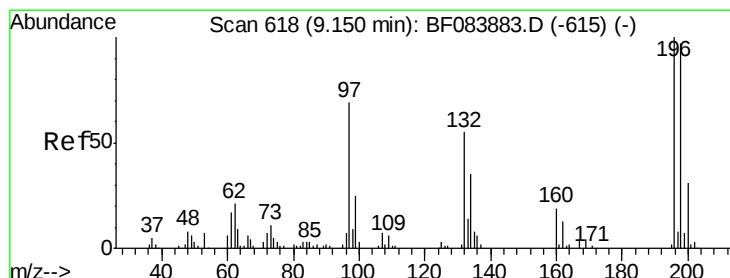
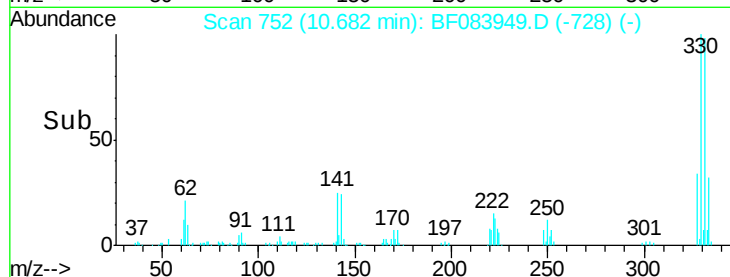
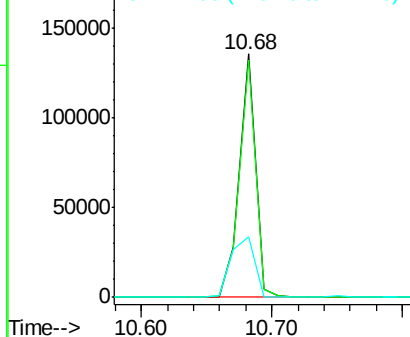
Tot Ion:	330	Resp:	116746
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	114.8
141	36.6	27.8	41.6

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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: 36.58 ng

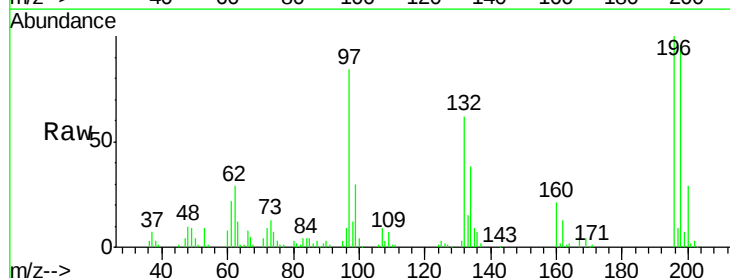
RT: 9.13 min Scan# 616

Delta R.T. -0.02 min

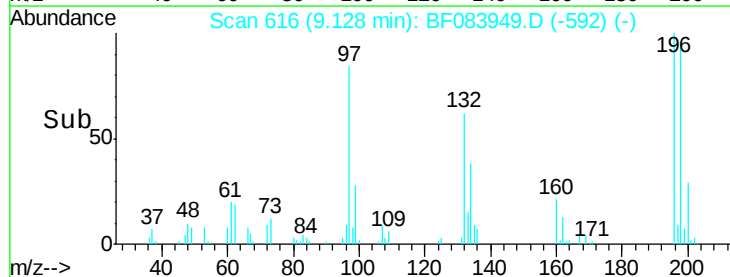
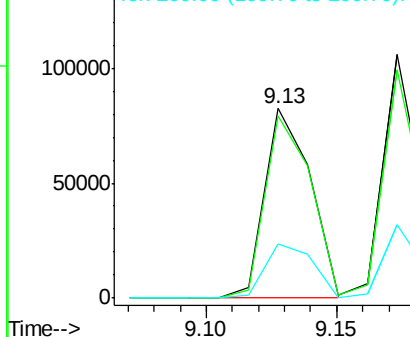
Lab File: BF083949.D

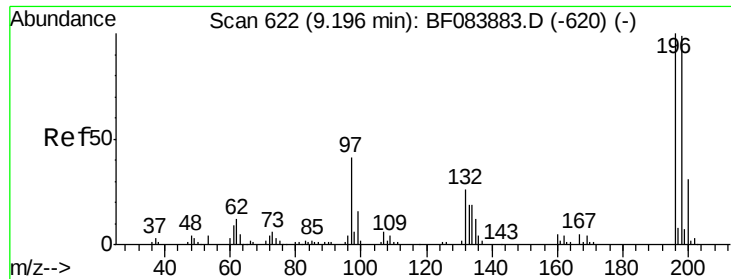
Acq: 19 Dec 2015 12:42

Tgt Ion:	196	Resp:	100349
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.7	116.5
200	28.7	24.6	37.0



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





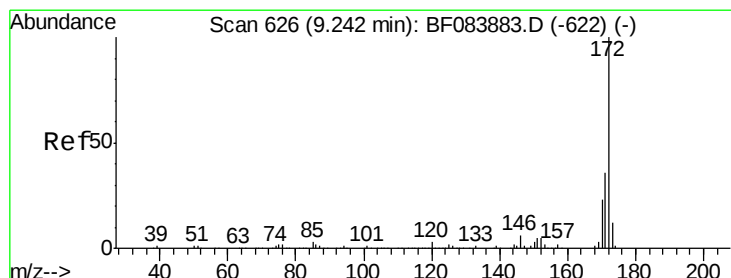
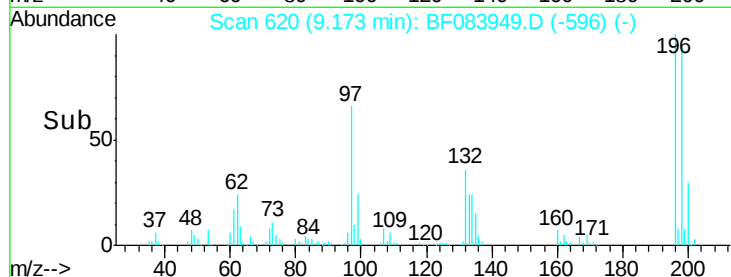
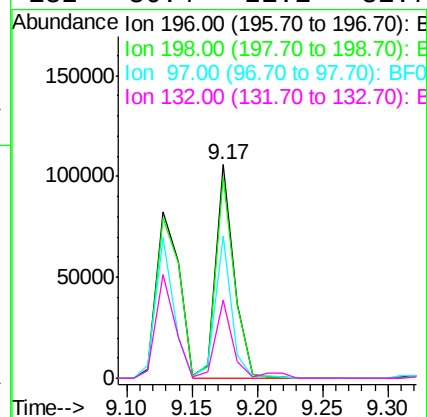
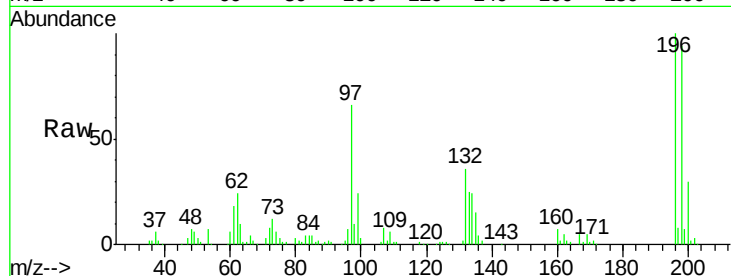
#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	104575
Ion Ratio	Lower	Upper	
196	100		
198	94.0	79.0	118.6
97	66.5	33.0	49.6#
132	36.4	21.1	31.7#

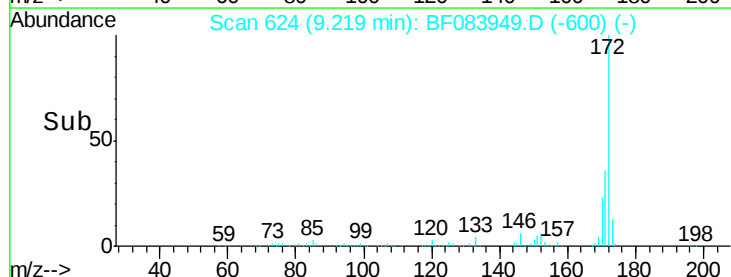
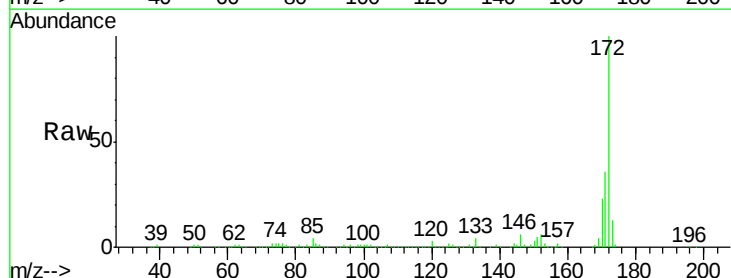
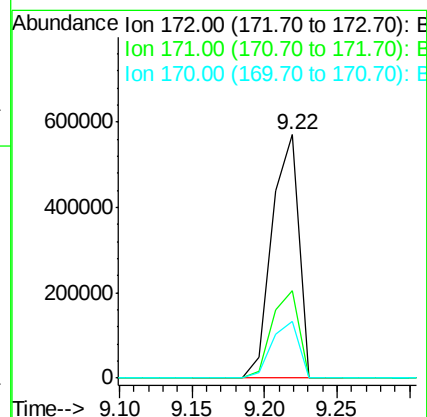
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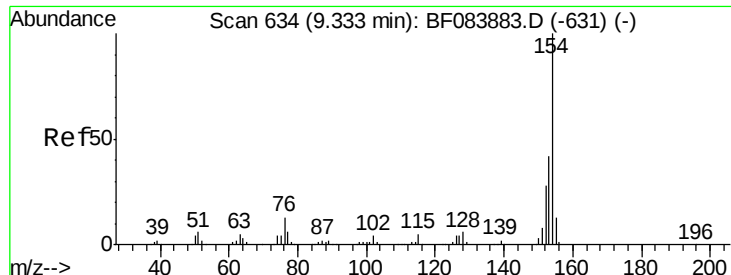
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#44
 2-Fluorobiphenyl
 Concen: 76.24 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	172	Resp	727209
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.9	43.3
170	23.3	18.6	27.8





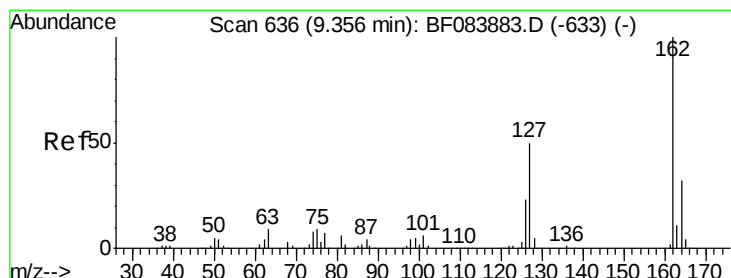
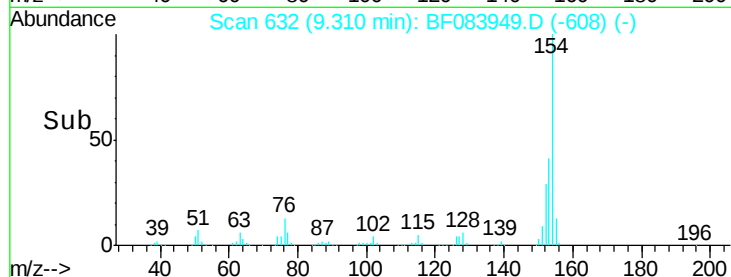
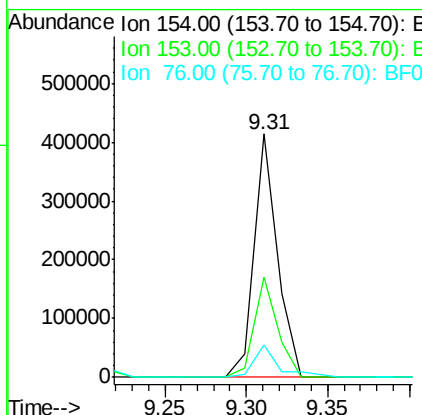
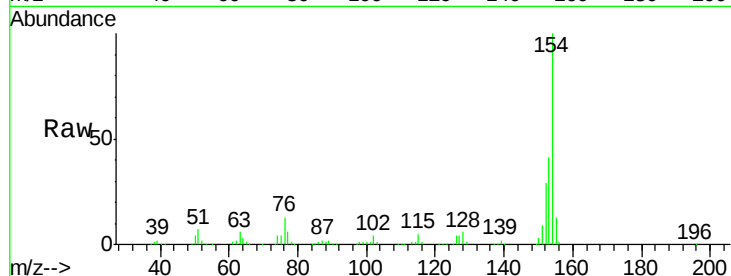
#45
1,1'-Biphenyl
Concen: 36.83 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.6	61.6
76	13.4	0.0	32.7

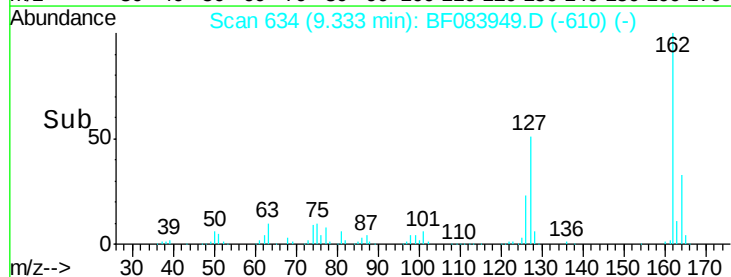
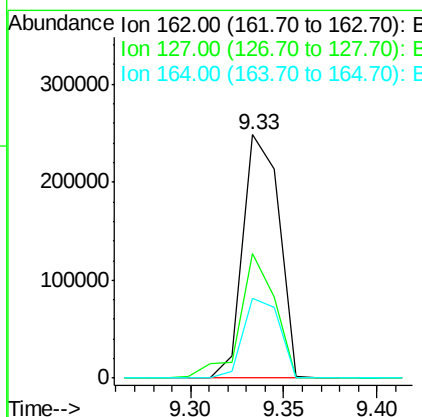
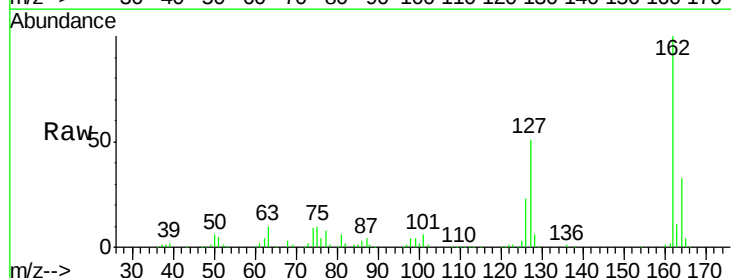
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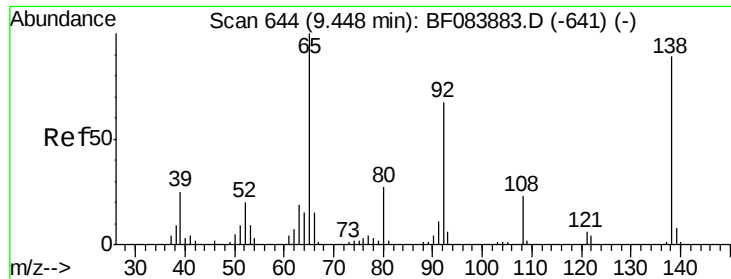
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#46
2-Chloronaphthalene
Concen: 38.29 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	51.0	40.2	60.4
164	32.6	25.7	38.5





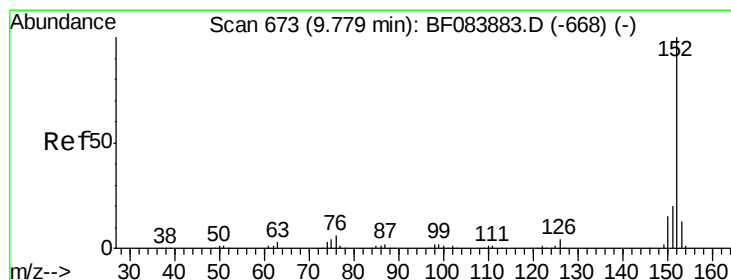
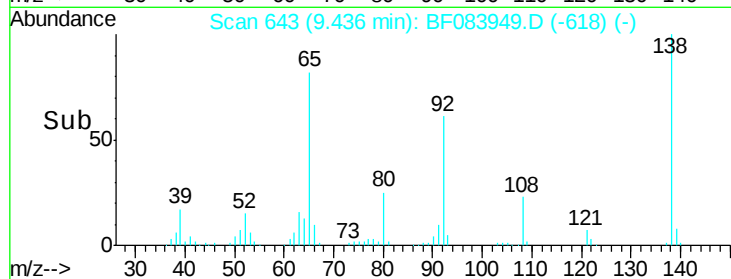
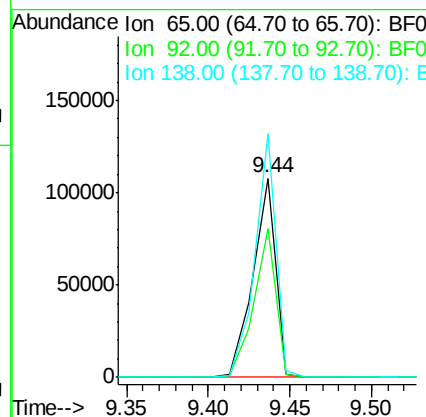
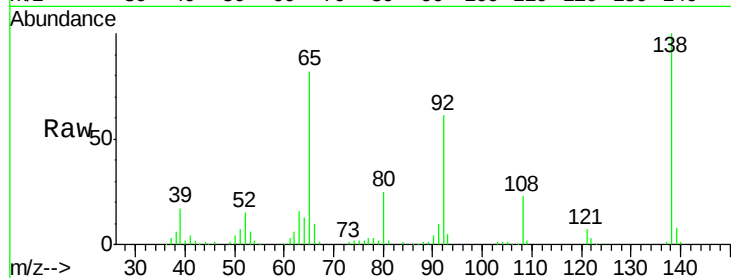
#47
2-Nitroaniline
Concen: 39.94 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	53.4	80.2
138	122.5	71.1	106.7

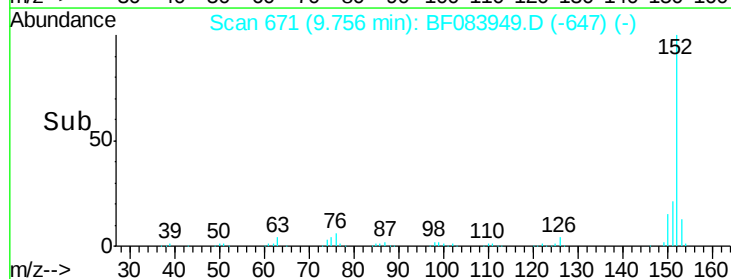
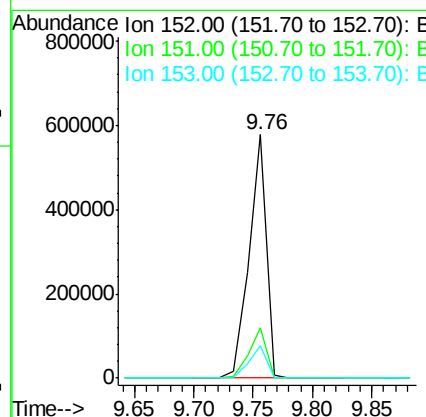
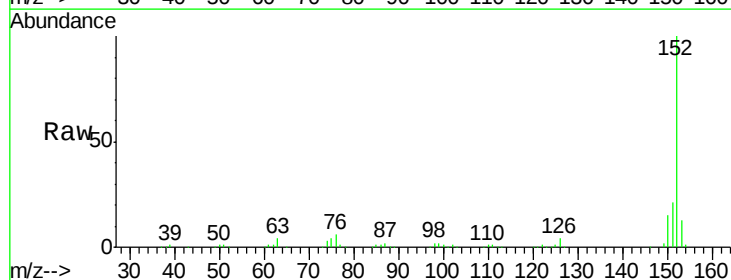
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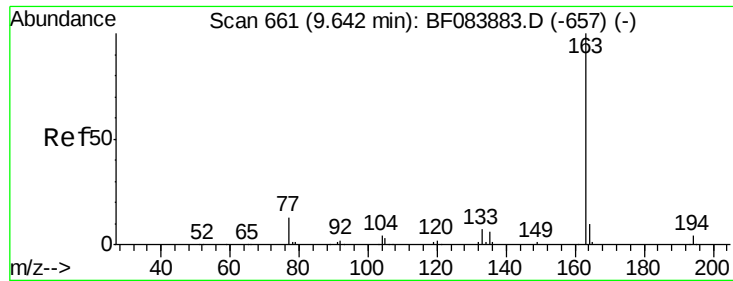
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#48
Acenaphthylene
Concen: 38.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.1	10.4	15.6





#49

Dimethylphthalate

Concen: 37.67 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

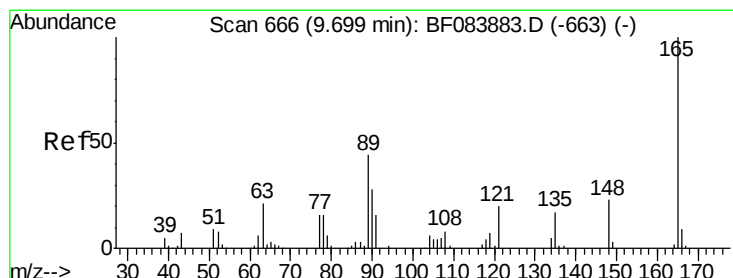
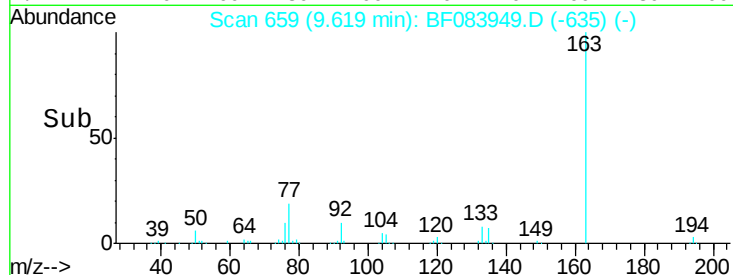
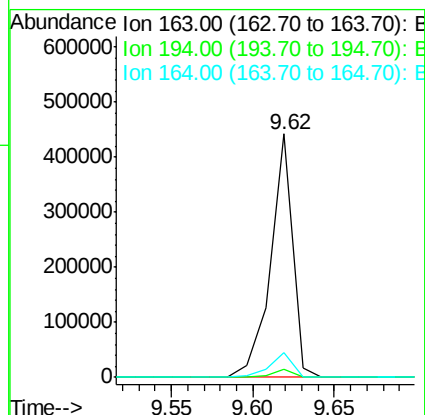
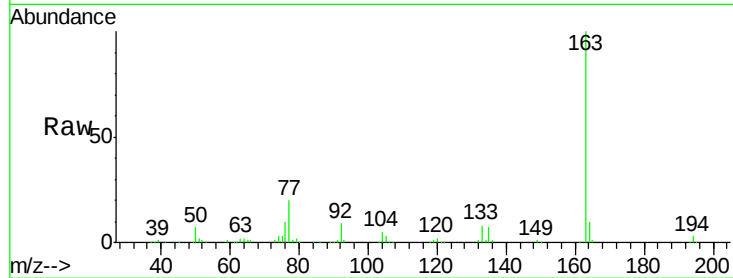
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	416547
Ion Ratio		Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.2	8.0	12.0

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#50

2,6-Dinitrotoluene

Concen: 35.00 ng

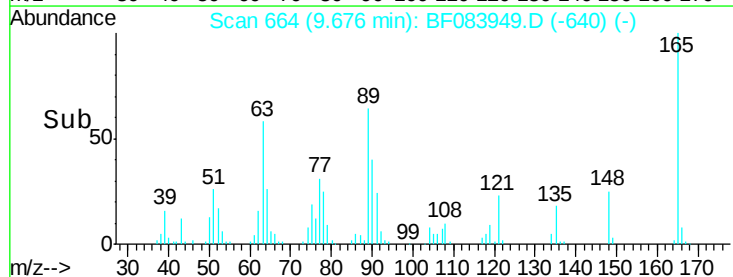
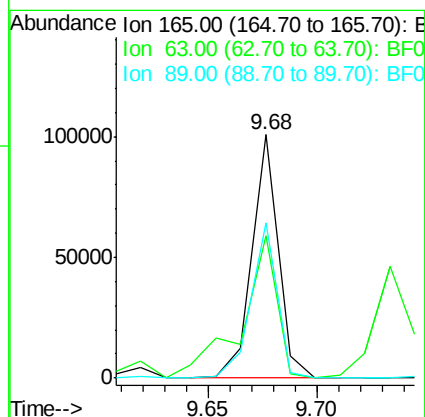
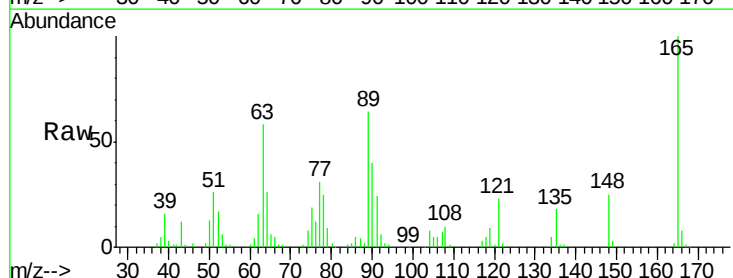
RT: 9.68 min Scan# 664

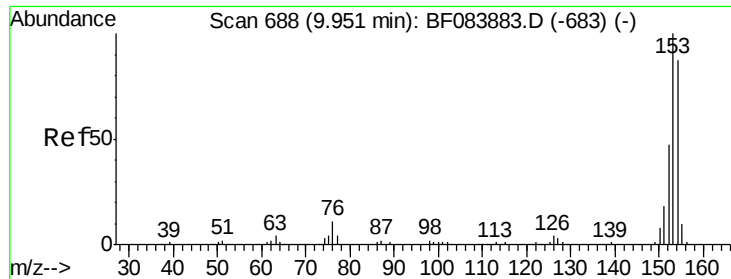
Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	165	Resp:	84414
Ion Ratio		Lower	Upper
165	100		
63	58.3	28.8	43.2#
89	64.0	35.1	52.7#





#51

Acenaphthene

Concen: 38.40 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

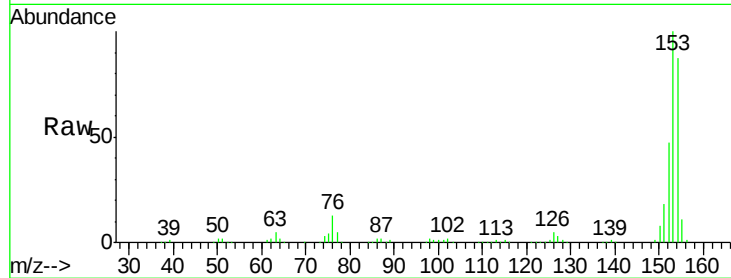
ClientSampleId :

SSTDCCC040

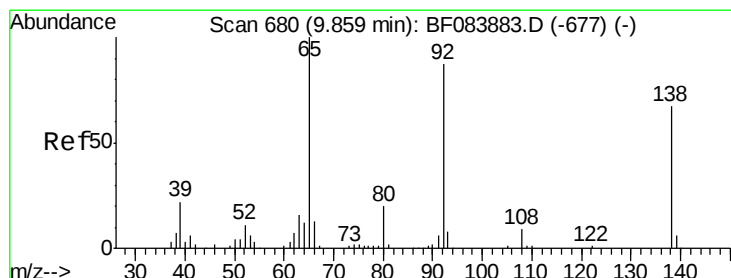
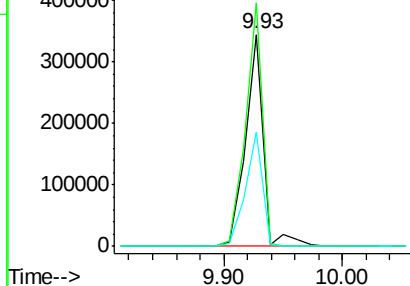
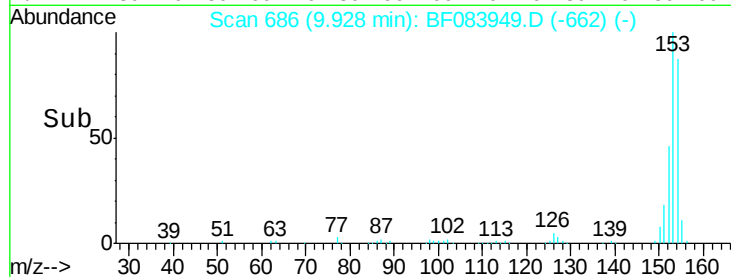
Tot Ion:	154	Resp:	362745
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.5	137.3
152	54.0	43.0	64.6

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



#52

3-Nitroaniline

Concen: 39.00 ng

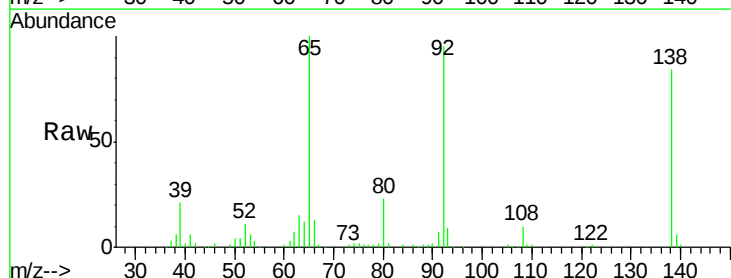
RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

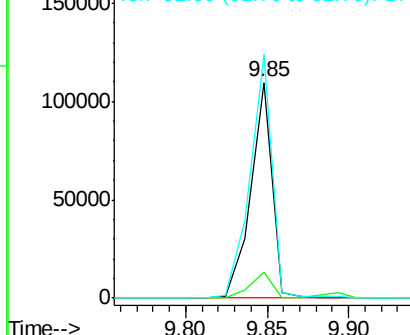
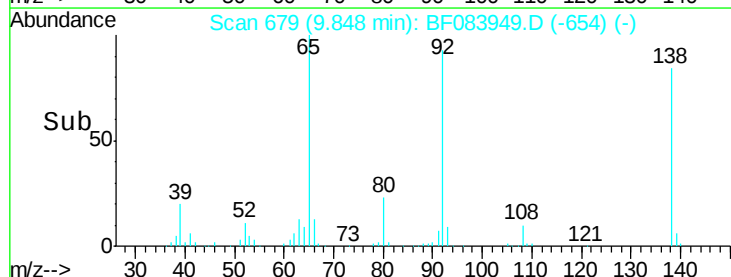
Lab File: BF083949.D

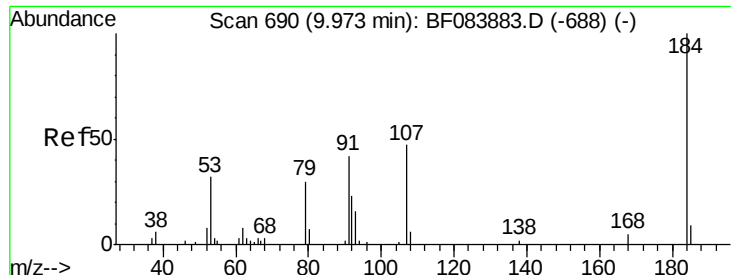
Acq: 19 Dec 2015 12:42

Tgt Ion:	138	Resp:	99159
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.5	15.7
92	112.8	103.9	155.9



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





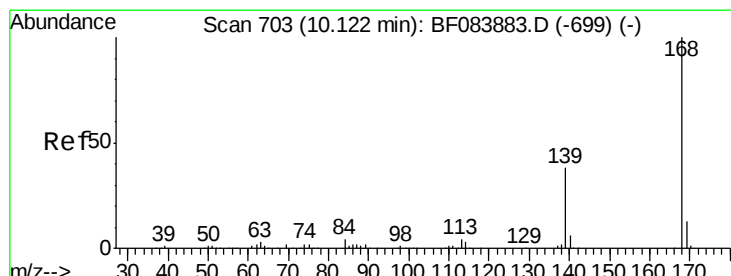
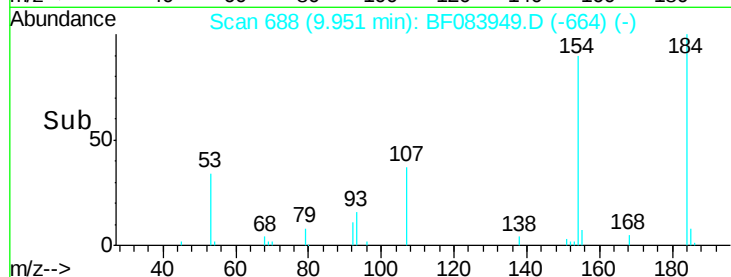
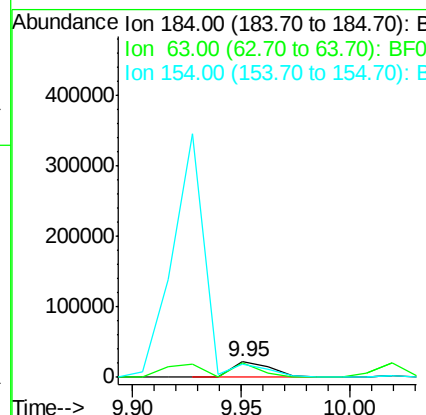
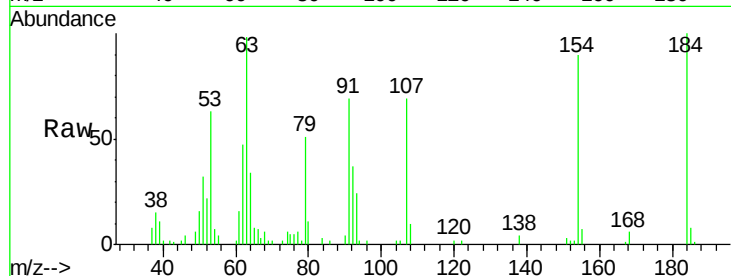
#53
2,4-Dinitrophenol
Concen: 39.47 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	28993		
63	97.7	43.1	64.7#	
154	90.2	60.5	90.7	

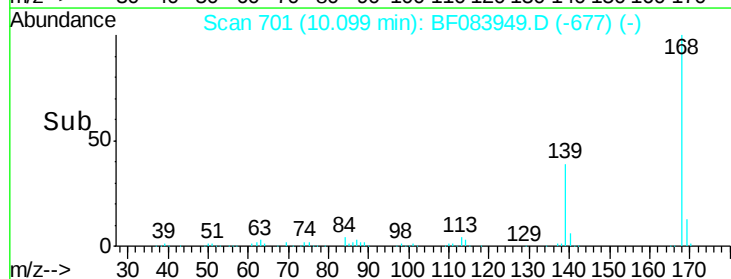
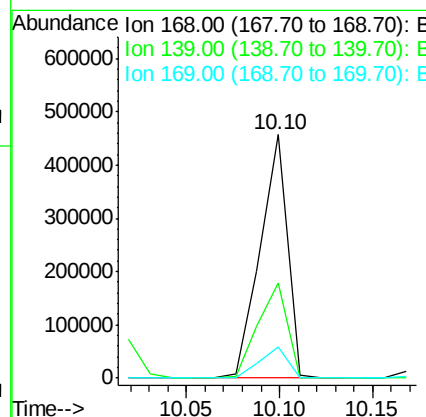
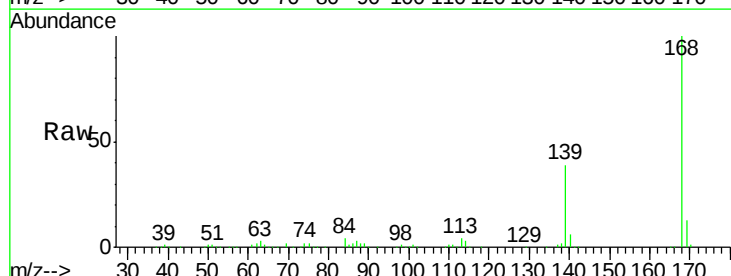
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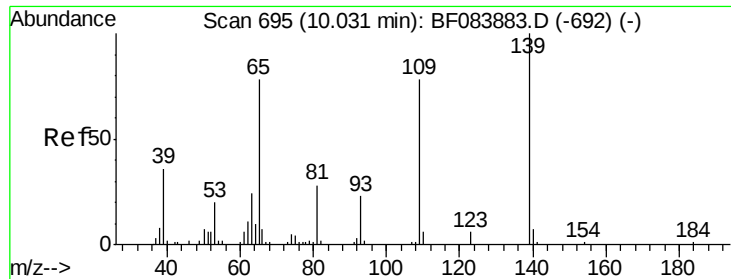
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#54
Dibenzofuran
Concen: 37.53 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	460407		
139	39.1	30.5	45.7	
169	13.0	10.4	15.6	





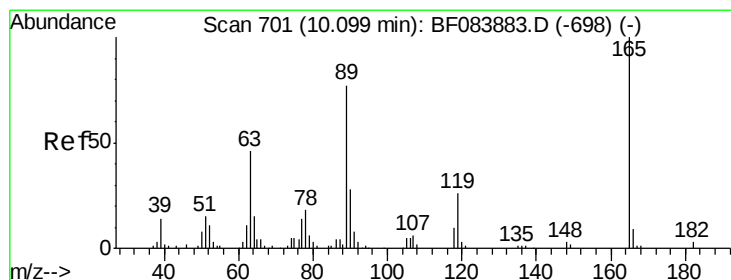
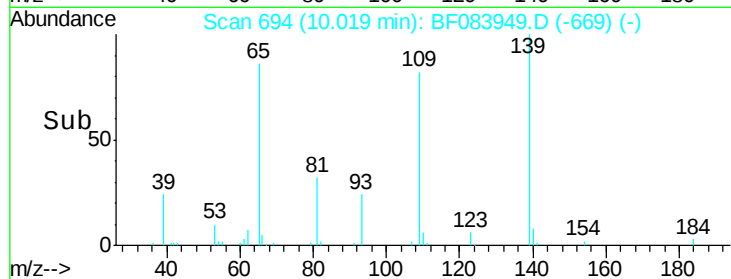
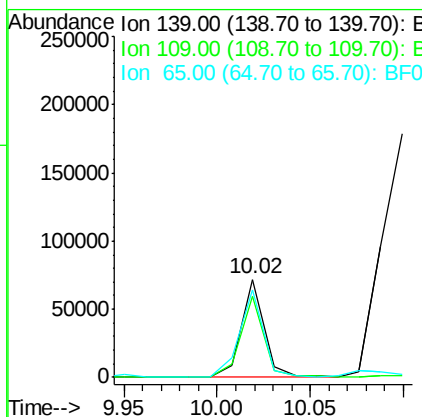
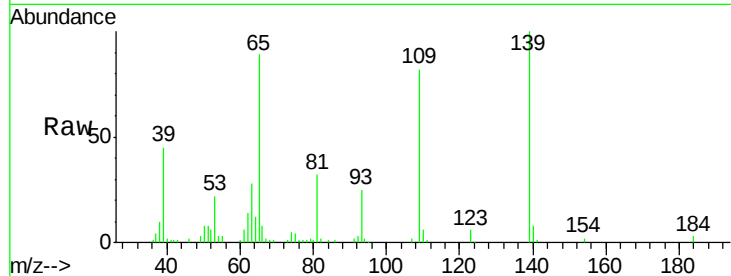
#55
4-Nitrophenol
Concen: 39.83 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	63213		
109	82.3	58.5	98.5	
65	88.7	57.6	97.6	

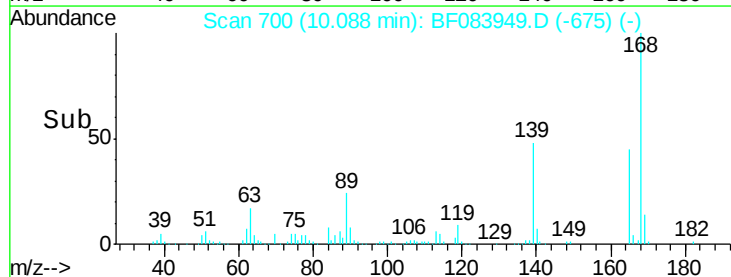
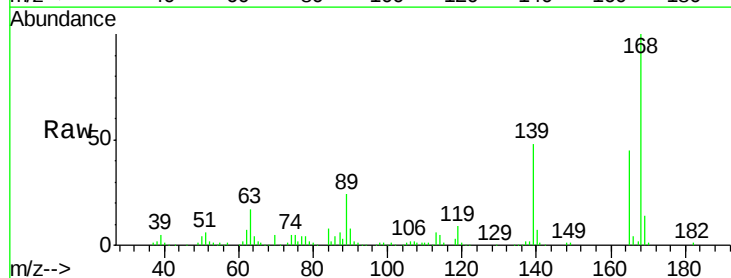
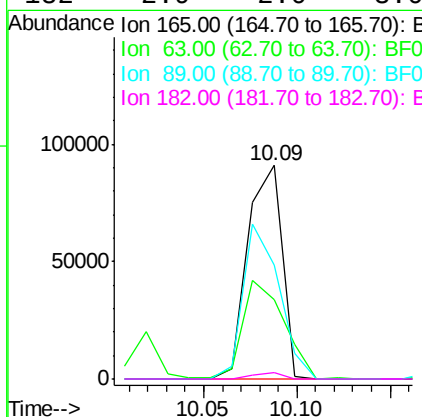
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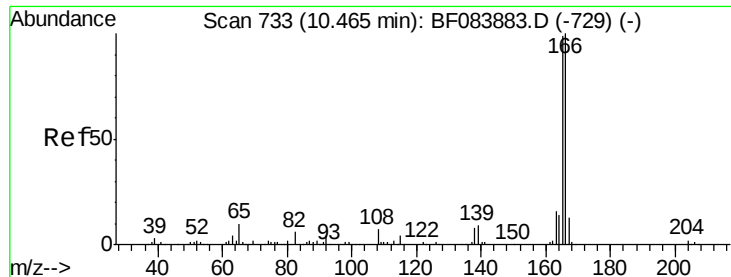
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#56
2,4-Dinitrotoluene
Concen: 38.13 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117904		
63	37.3	36.7	55.1	
89	53.1	61.9	92.9	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 41.43 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

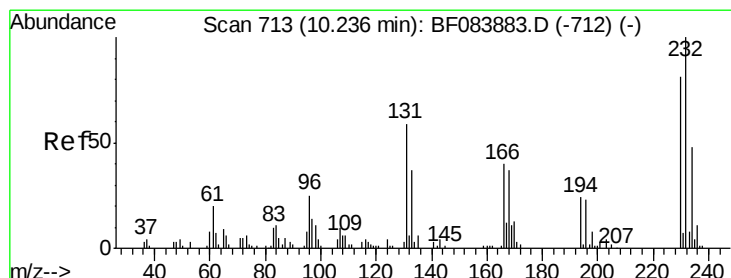
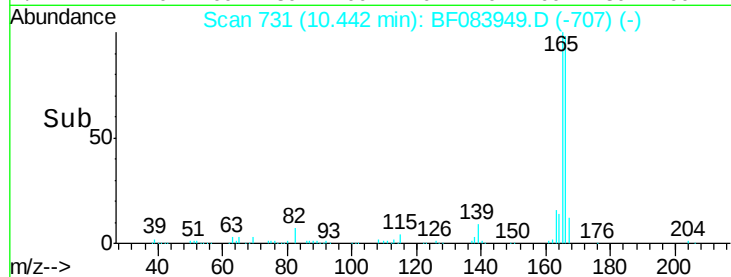
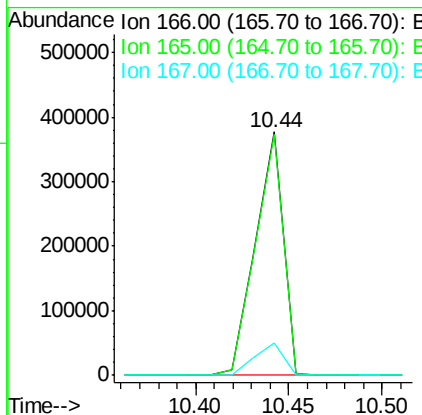
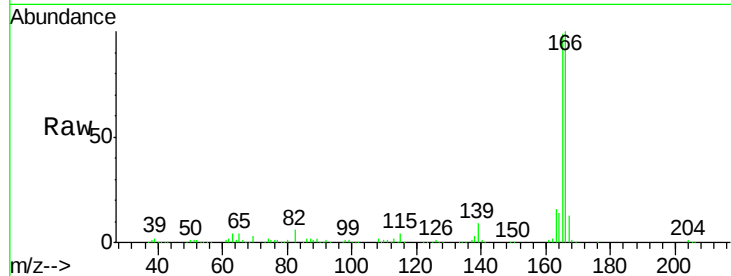
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	388797
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.1	118.7
167	13.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.45 ng

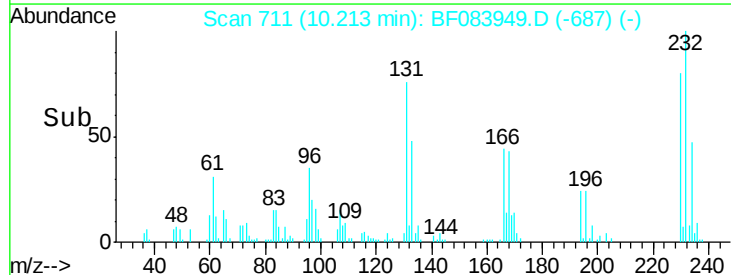
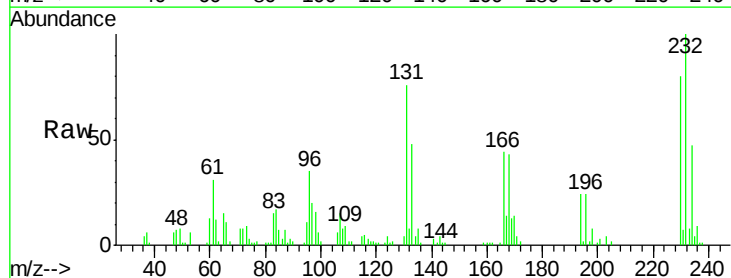
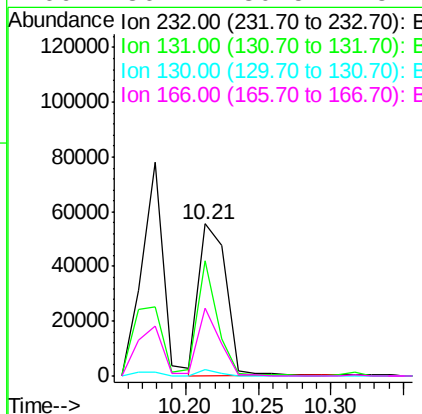
RT: 10.21 min Scan# 711

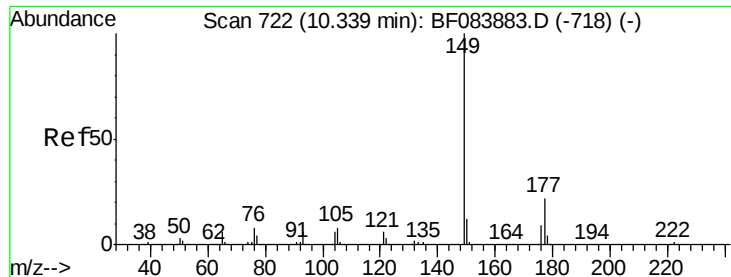
Delta R.T. -0.02 min

Lab File: BF083949.D

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Tgt Ion:	232	Resp:	73213
Ion Ratio	Lower	Upper	
232	100		
131	56.5	47.0	70.6
130	2.9	2.0	3.0
166	36.1	30.5	45.7





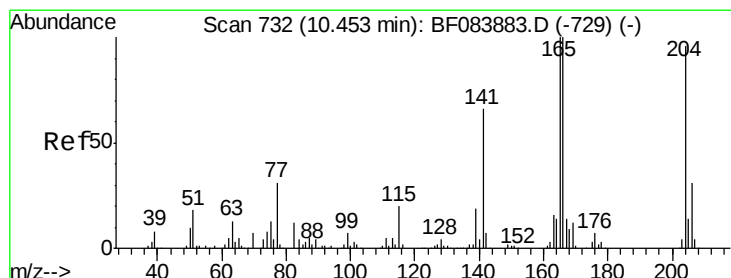
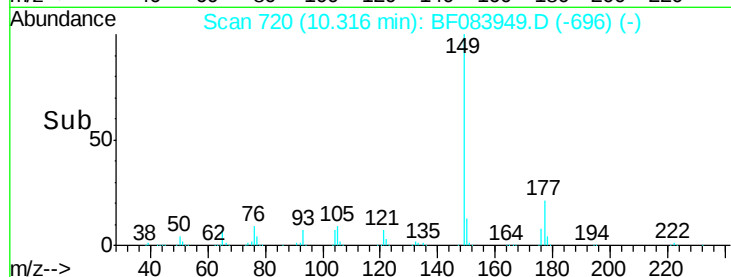
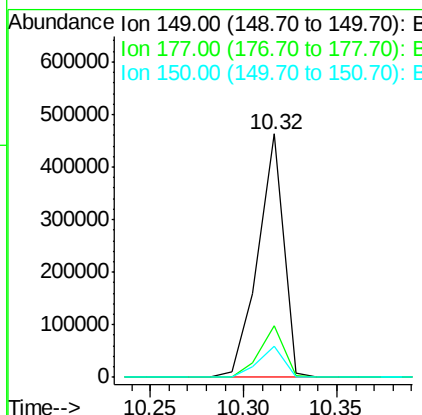
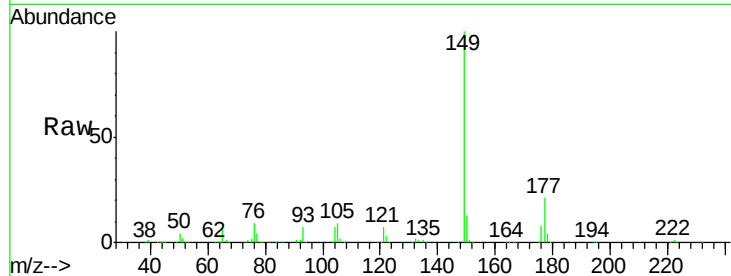
#59
Diethylphthalate
Concen: 38.41 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.3	25.9
150	12.7	9.8	14.8

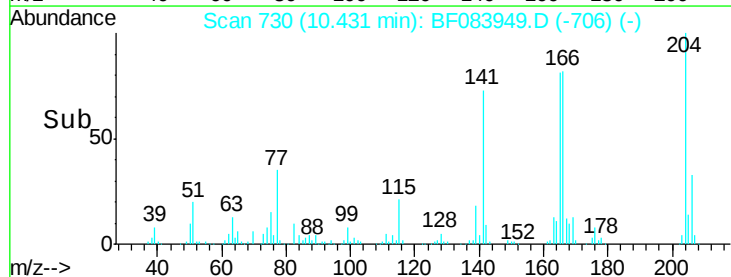
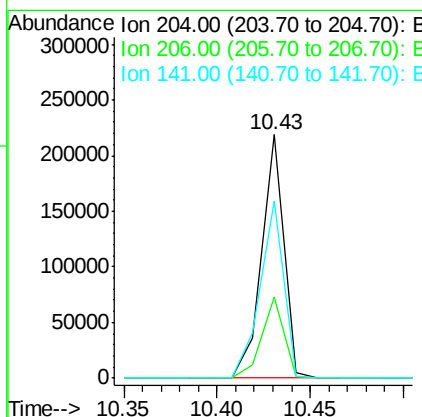
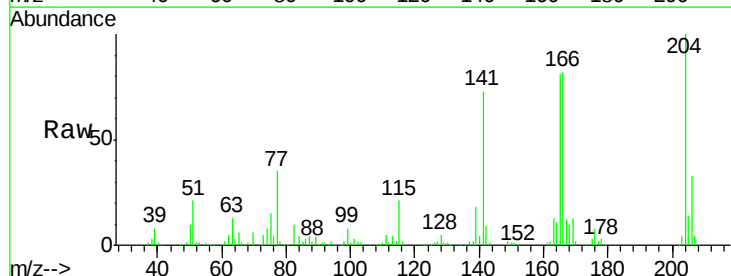
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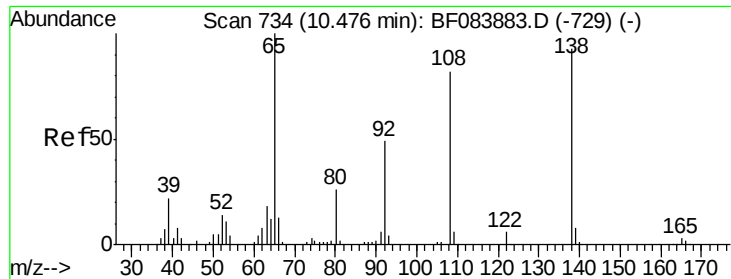
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#60
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	72.8	55.1	82.7





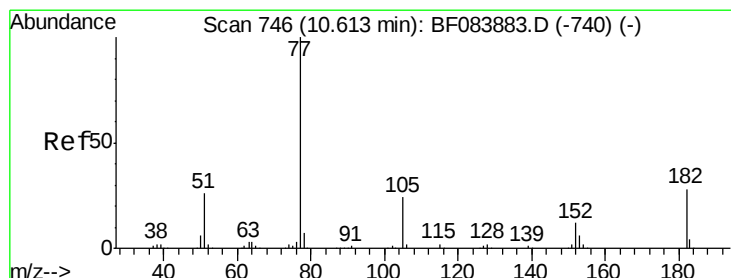
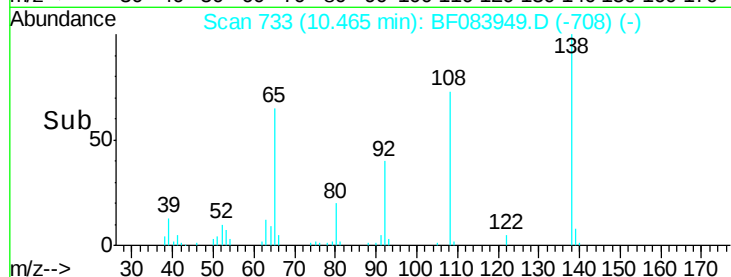
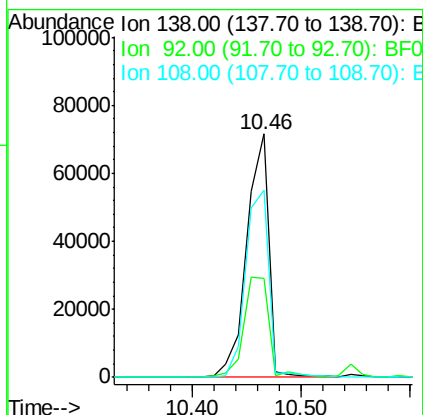
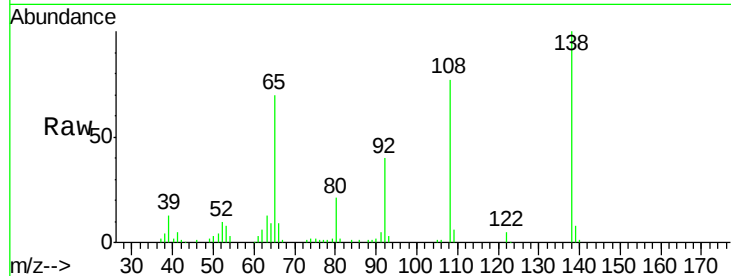
#61
4-Nitroaniline
Concen: 38.31 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.4	32.6	72.6
108	76.7	68.6	108.6

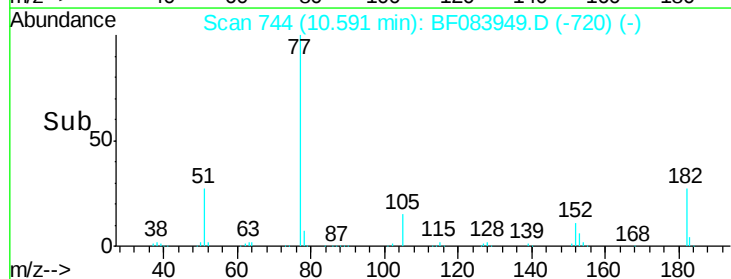
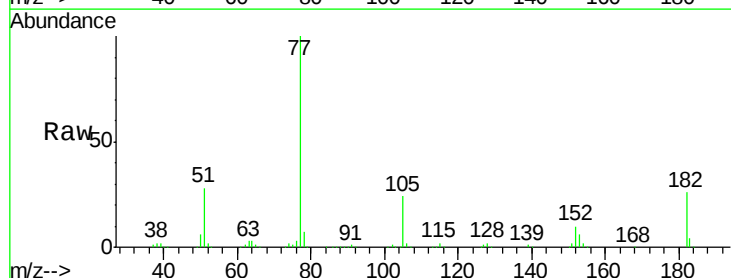
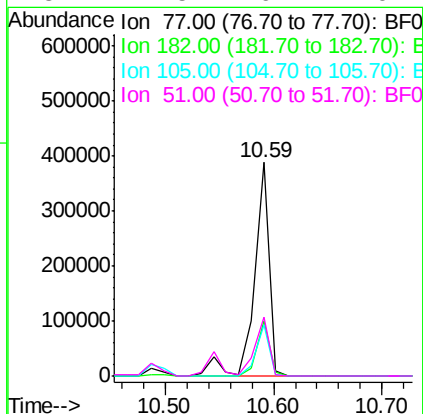
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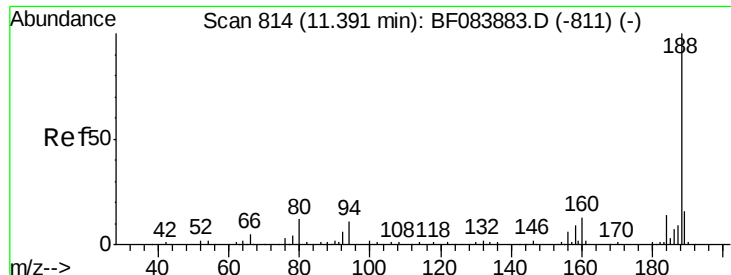
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#62
Azobenzene
Concen: 39.37 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	8.3	48.3
105	24.2	4.6	44.6
51	27.5	6.2	46.2





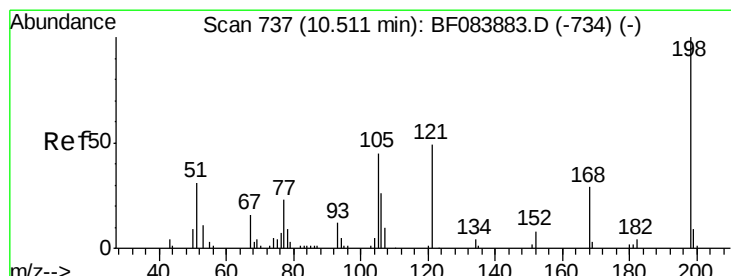
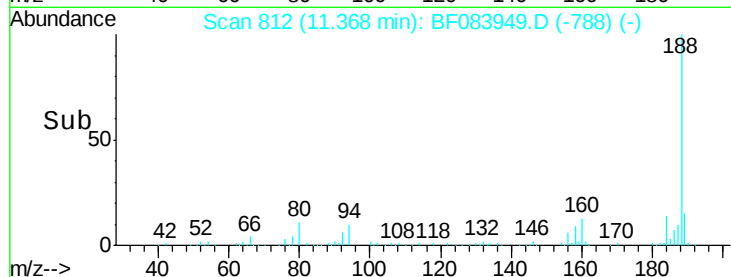
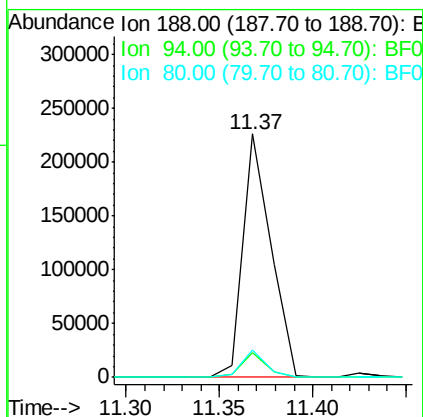
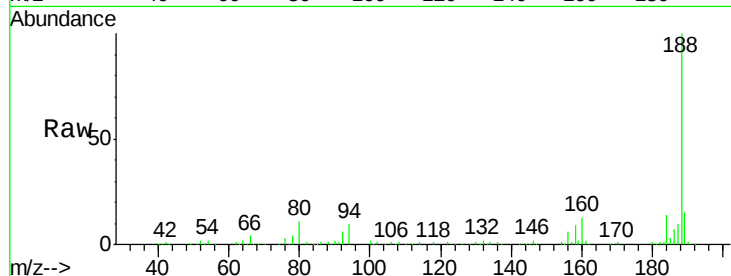
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.0	13.4
80	11.1	9.6	14.4

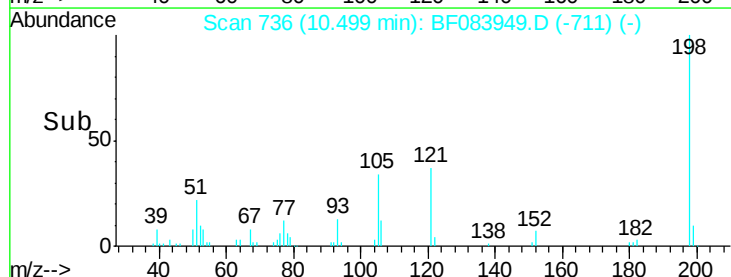
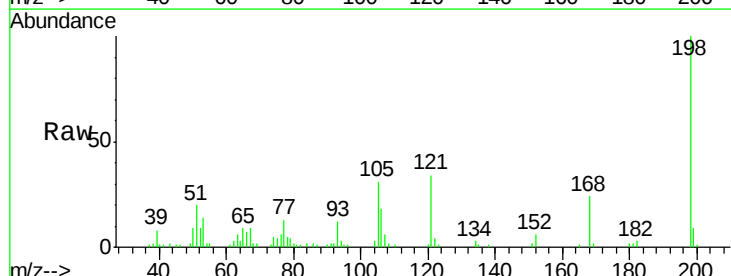
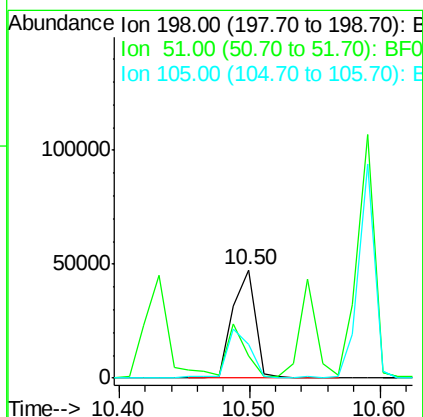
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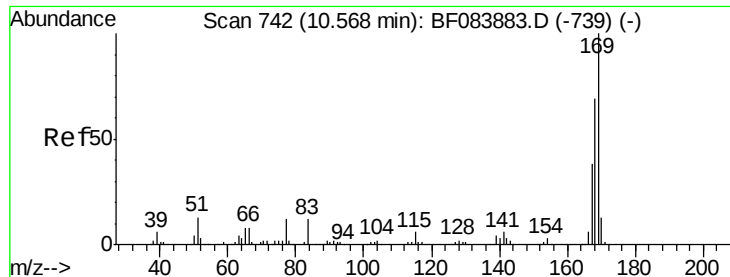
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.05 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	20.4	18.9	58.9
105	30.7	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 35.47 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

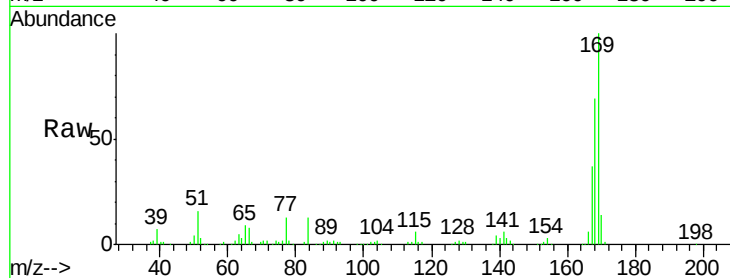
ClientSampleId :

SSTDCCC040

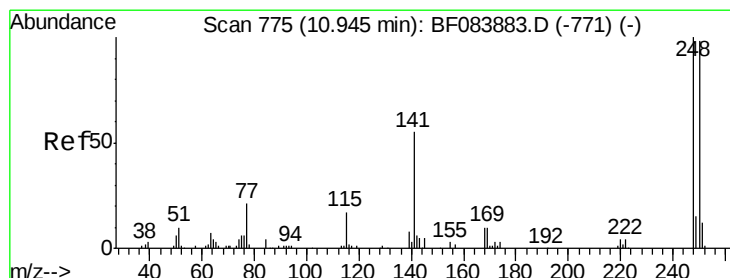
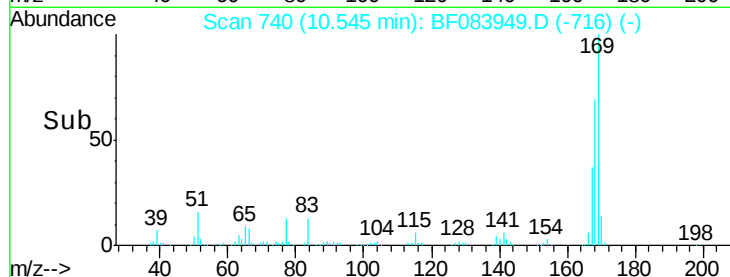
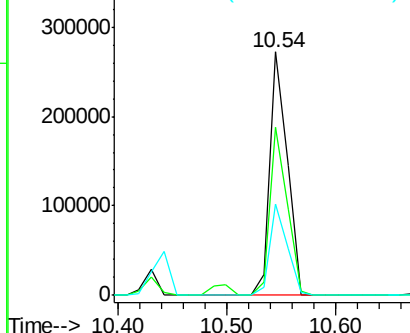
Tot Ion:	169	Resp:	305219
Ion Ratio	Lower	Upper	
169	100		
168	68.8	55.1	82.7
167	37.2	30.0	45.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.10 ng

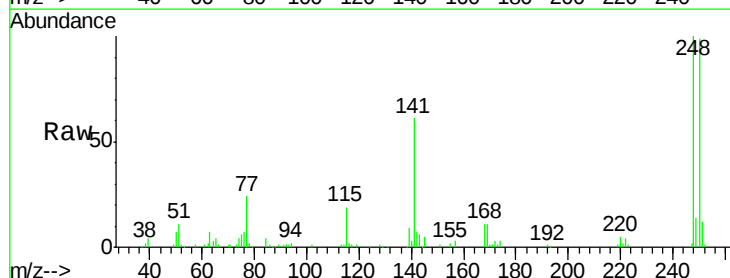
RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

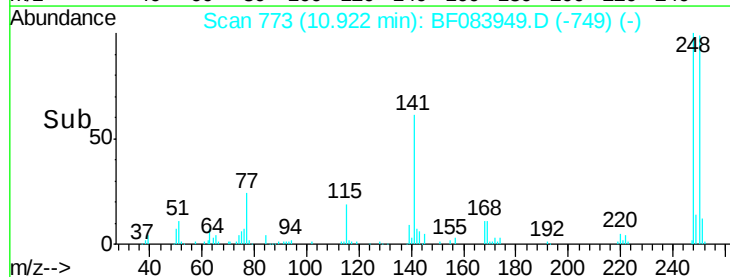
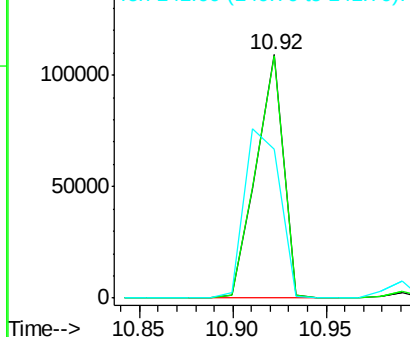
Lab File: BF083949.D

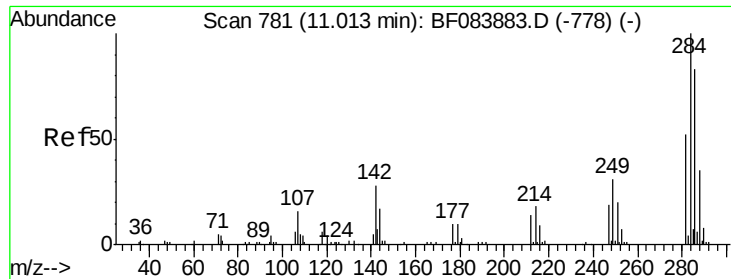
Acq: 19 Dec 2015 12:42

Tgt Ion:	248	Resp:	110161
Ion Ratio	Lower	Upper	
248	100		
250	99.3	78.4	117.6
141	61.0	44.0	66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





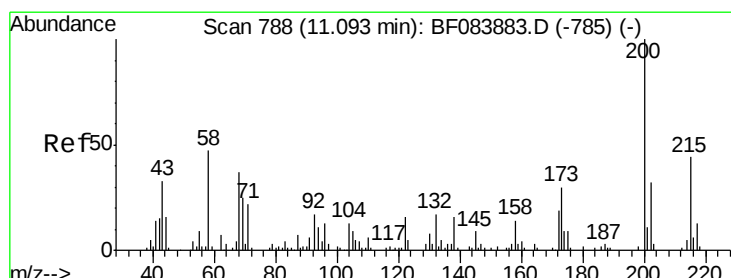
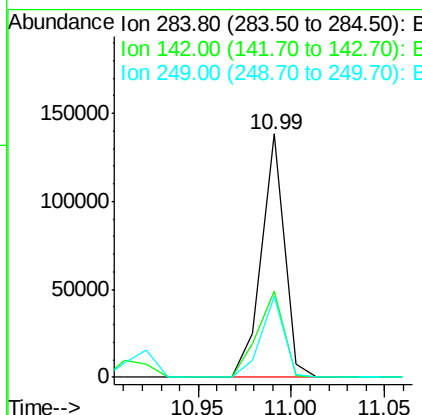
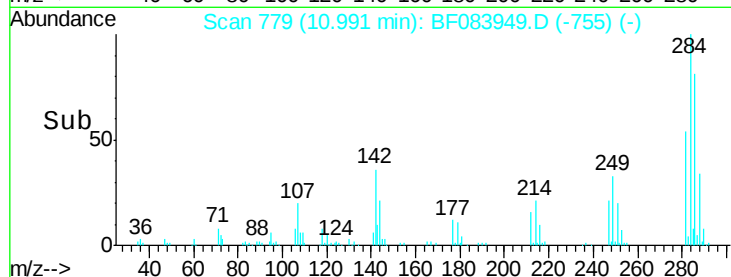
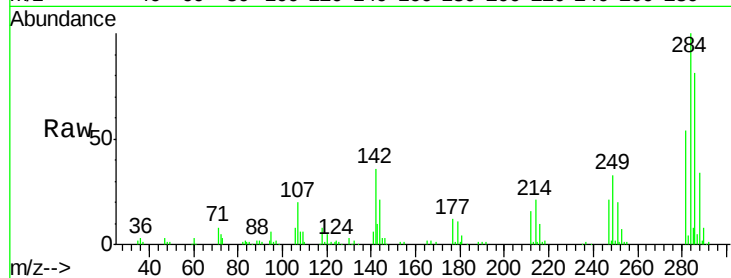
#67
Hexachlorobenzene
Concen: 38.53 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	117280		
142	35.6	22.2	33.4	
249	33.5	24.6	37.0	

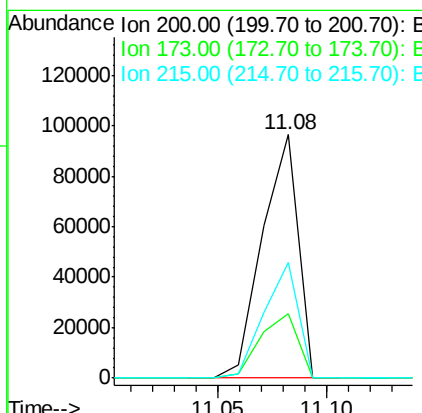
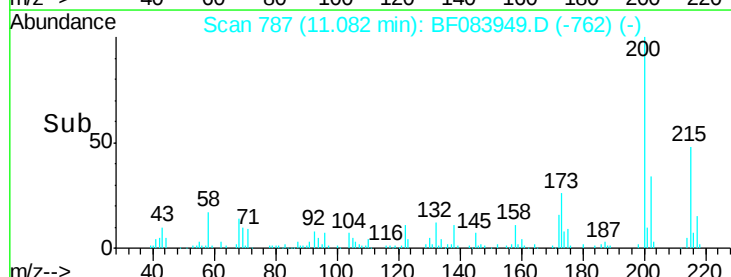
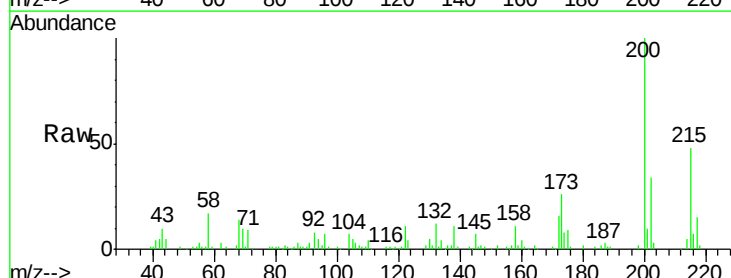
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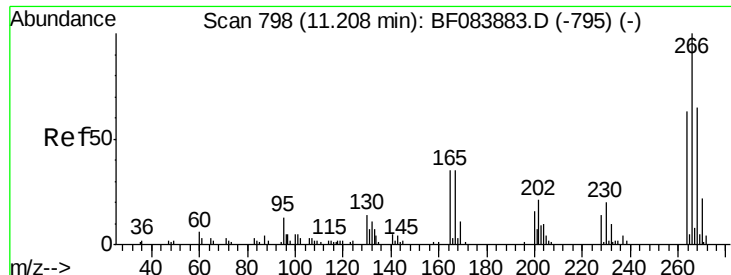
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#68
Atrazine
Concen: 40.79 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	111199		
173	26.4	9.5	49.5	
215	47.7	23.8	63.8	





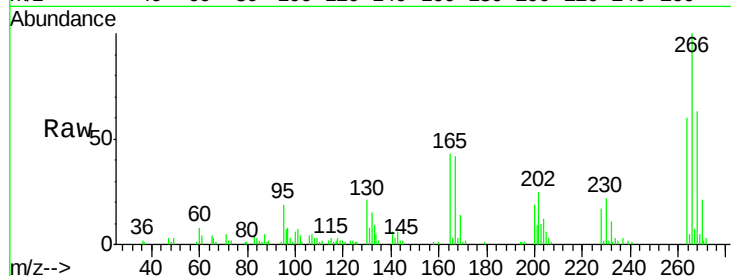
#69
 Pentachlorophenol
 Concen: 42.57 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

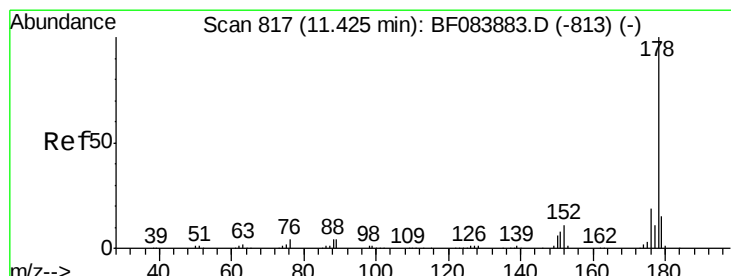
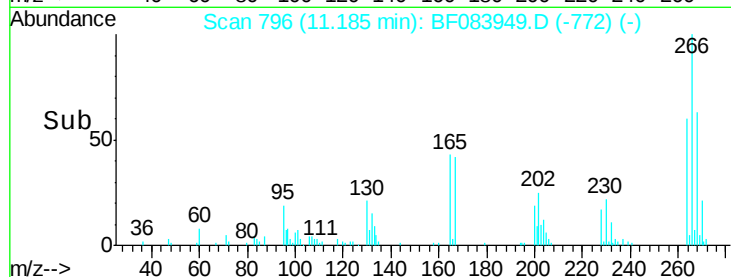
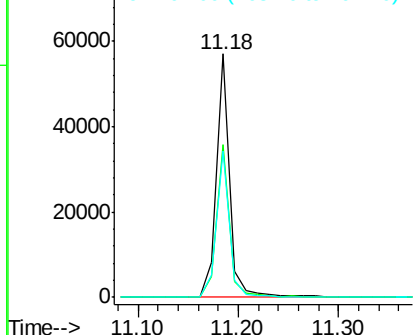
Tot Ion	Ratio	Resp	Lower	Upper
266	100	51967		
268	62.7		52.4	78.6
264	60.3		50.2	75.2

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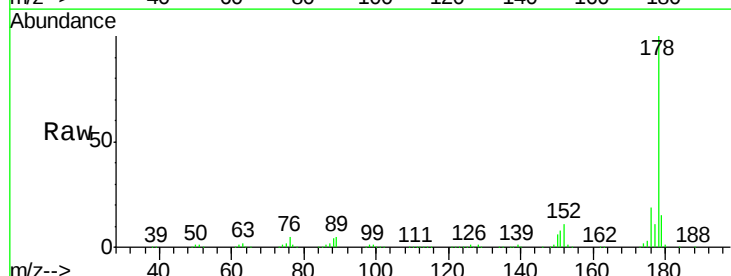


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

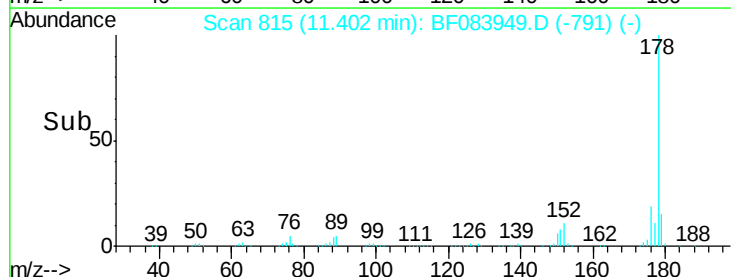
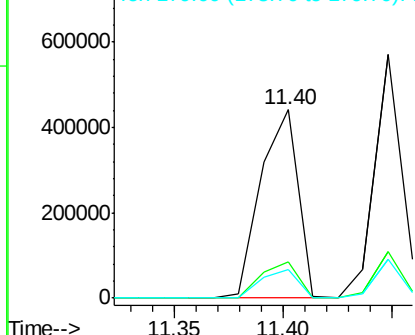


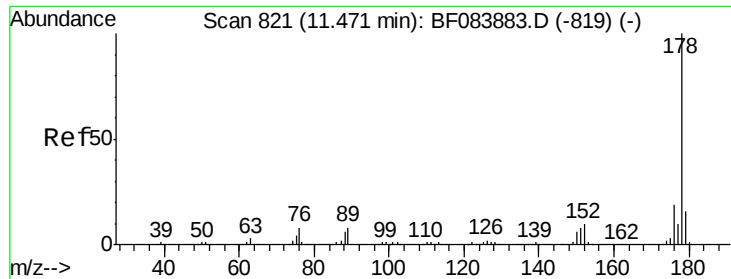
#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	531431		
176	19.3		15.3	22.9
179	15.4		12.0	18.0



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





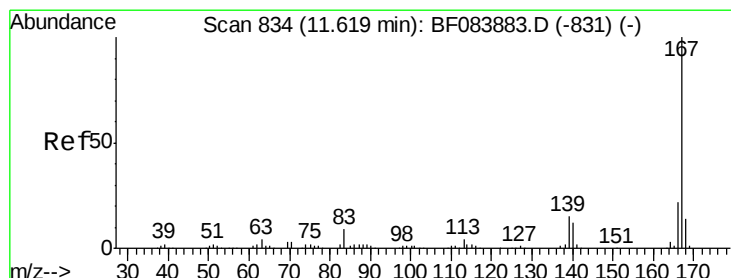
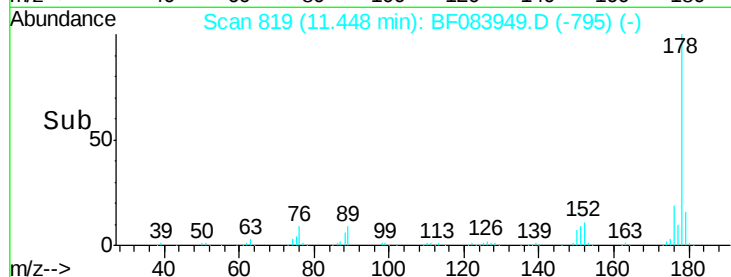
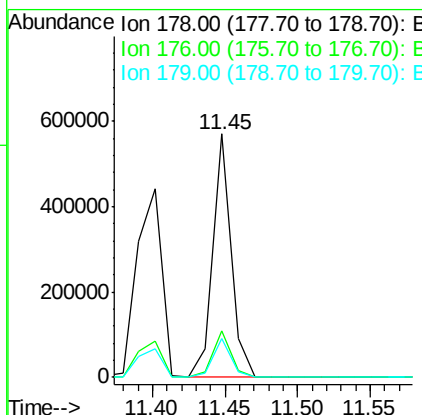
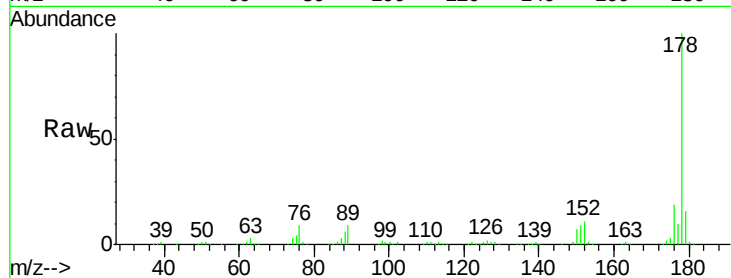
#71
 Anthracene
 Concen: 36.21 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.0	12.5	18.7

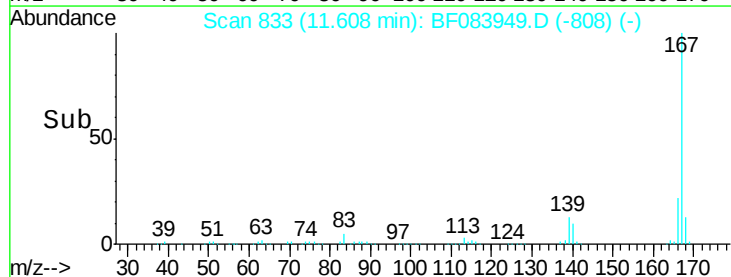
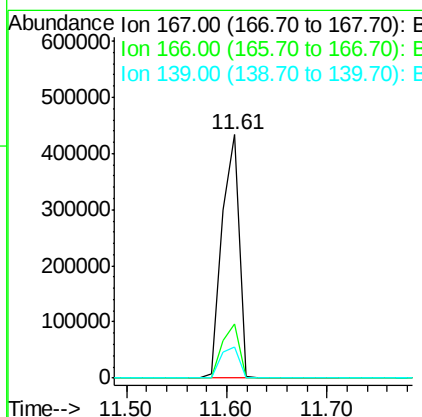
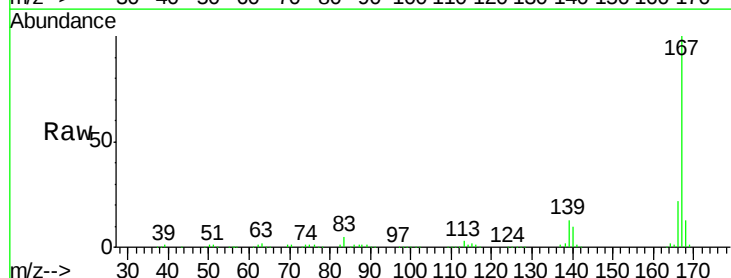
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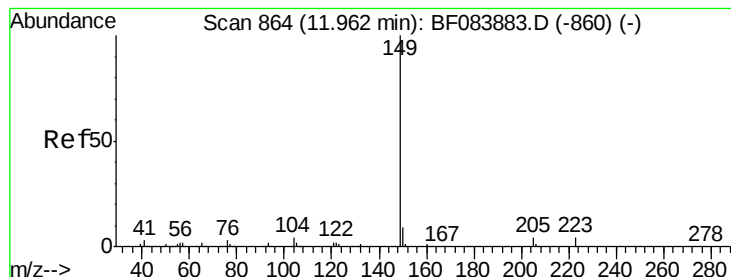
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#72
 Carbazole
 Concen: 37.63 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.6	11.8	17.8





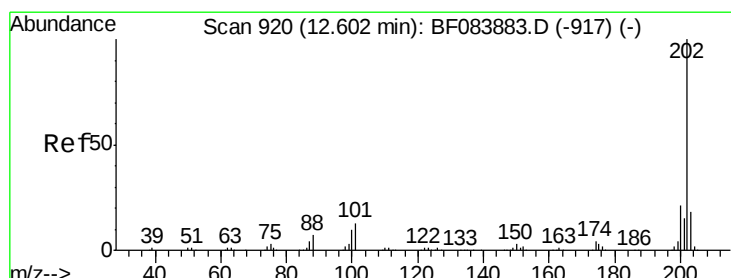
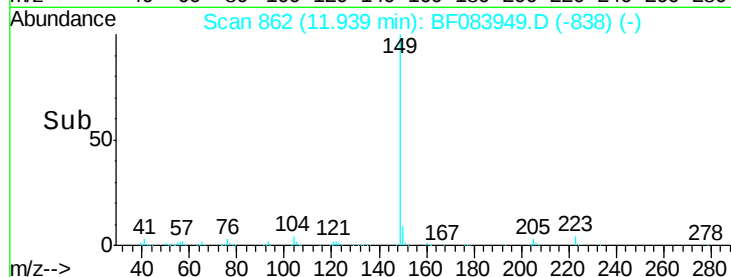
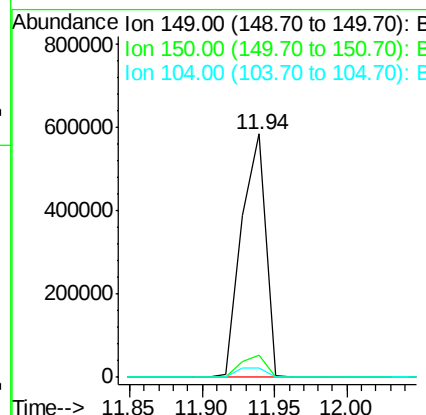
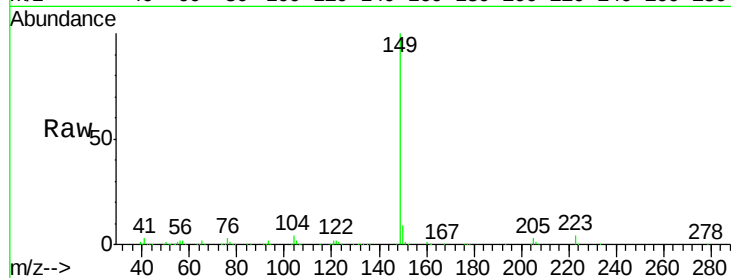
#73
Di-n-butylphthalate
Concen: 42.06 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	674449		
150	9.0		7.1	10.7
104	4.1		3.2	4.8

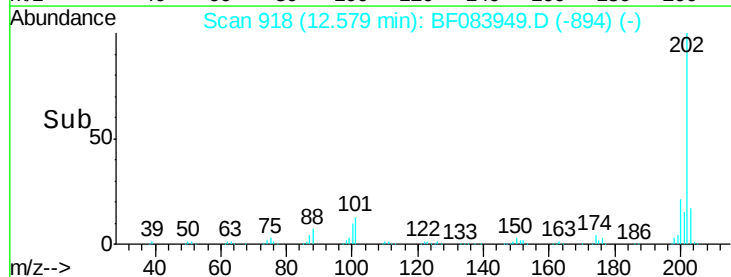
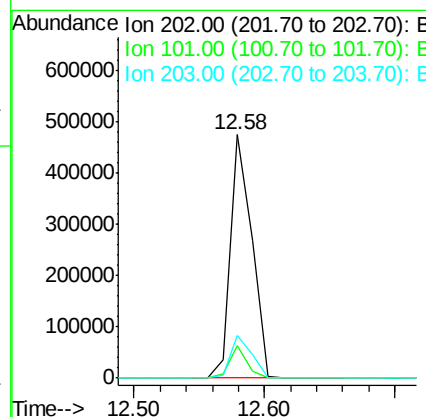
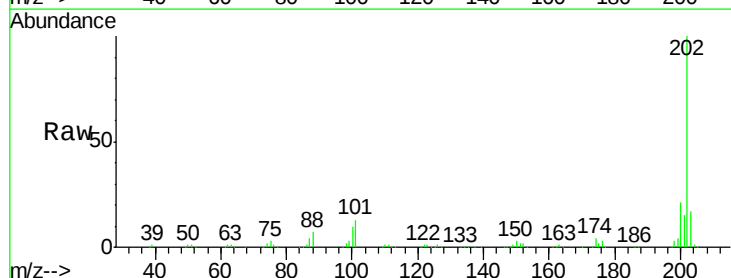
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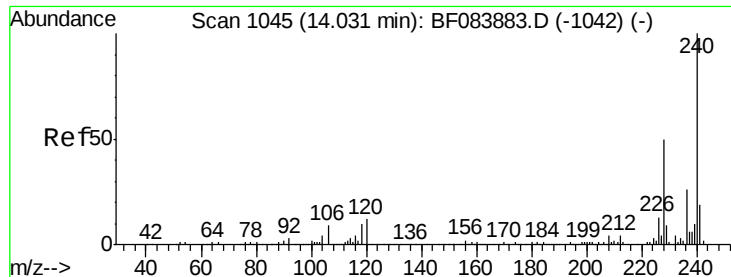
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#74
Fluoranthene
Concen: 37.56 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	535517		
101	13.2		0.0	32.8
203	17.4		0.0	37.9





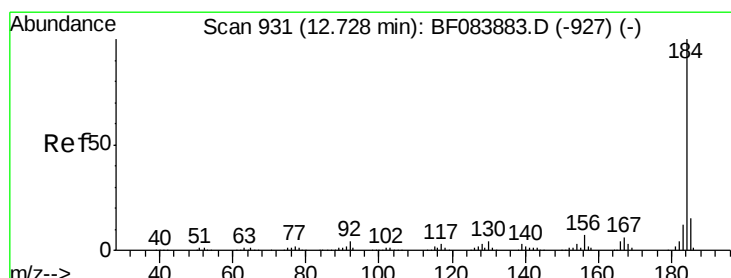
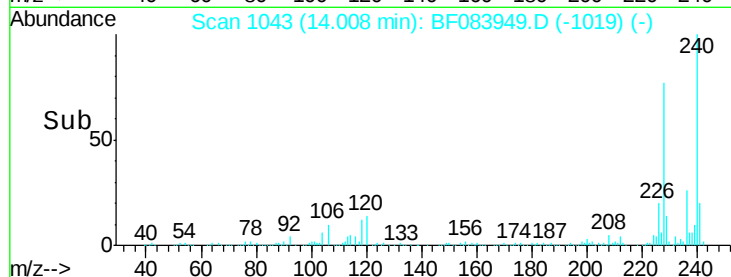
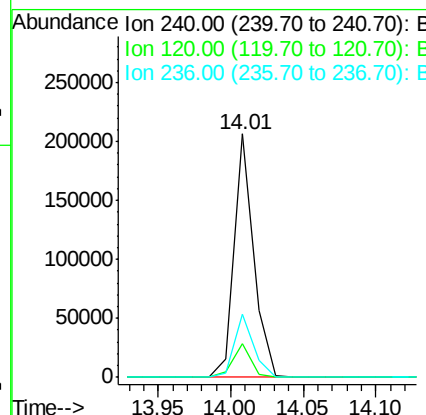
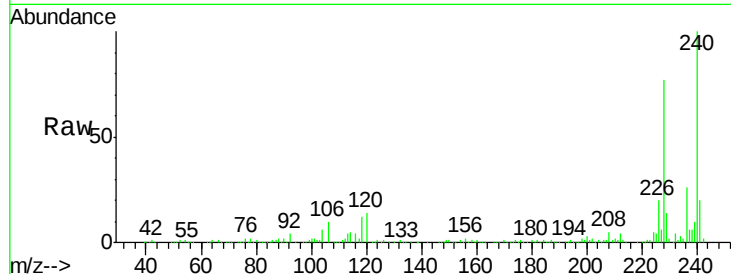
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	193529		
120	13.8		9.5	14.3
236	25.7		20.6	31.0

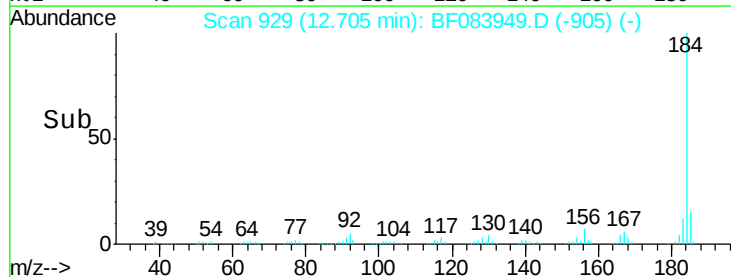
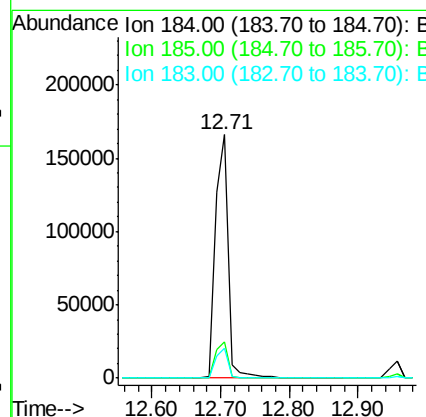
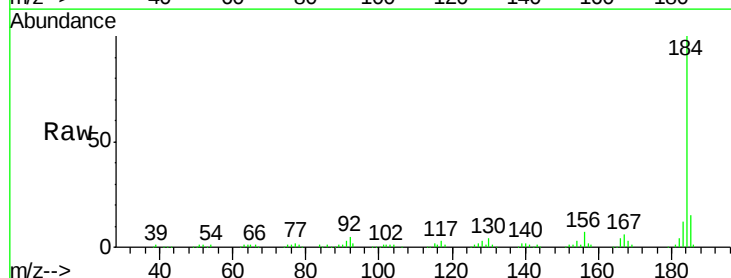
Manual Integrations
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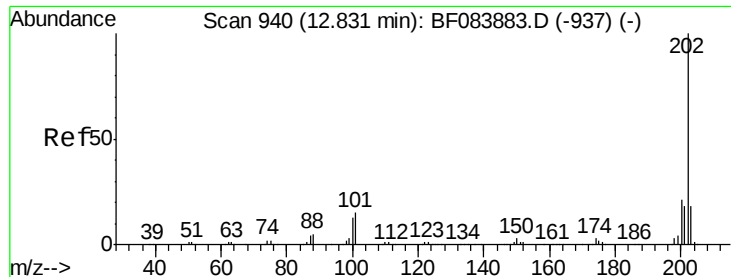
apatel
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#76
 Benzidine
 Concen: 27.97 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	216763		
185	14.8		12.2	18.2
183	12.4		9.8	14.8





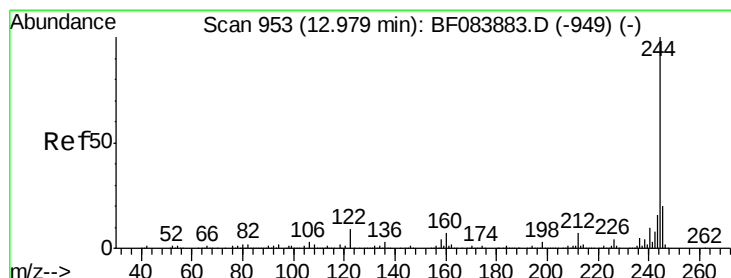
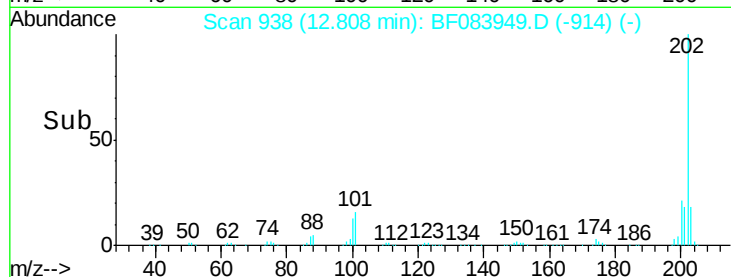
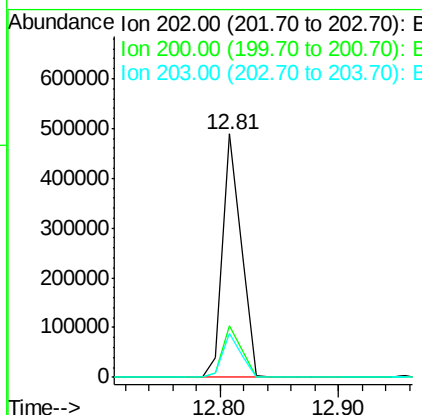
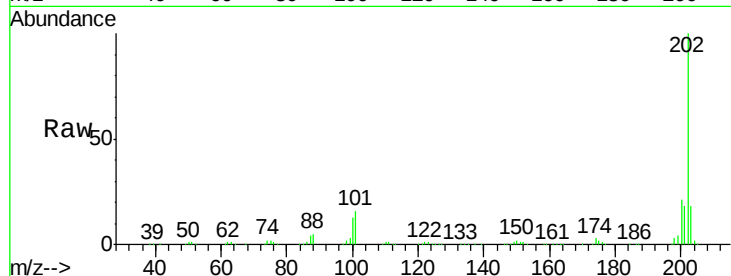
#77
Pvrene
Concen: 42.76 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.9	14.3	21.5

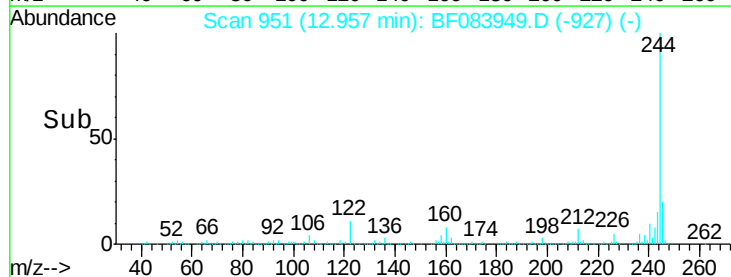
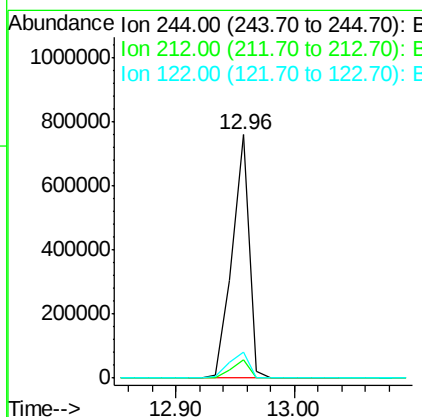
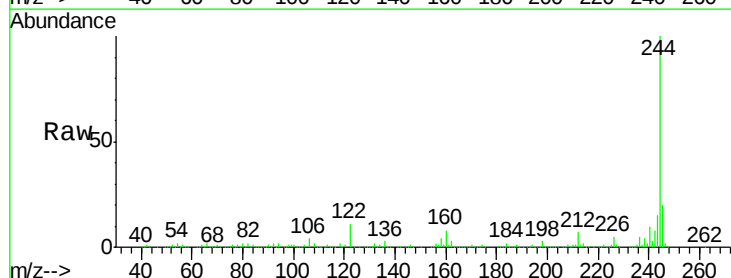
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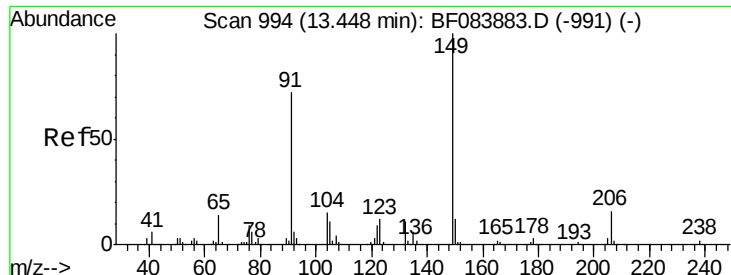
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#78
Terphenyl-d14
Concen: 91.70 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.9	7.4	11.0





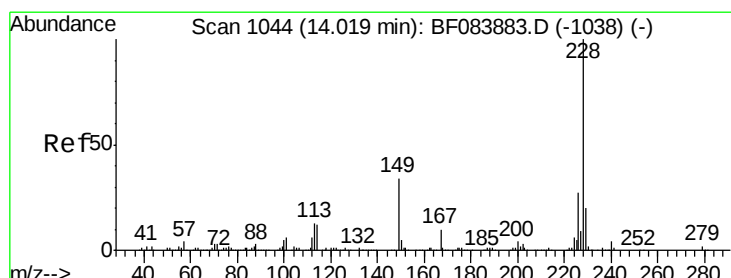
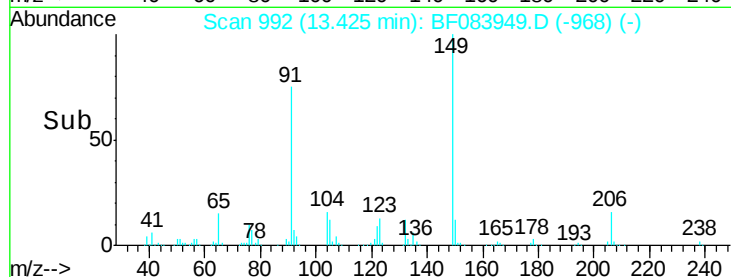
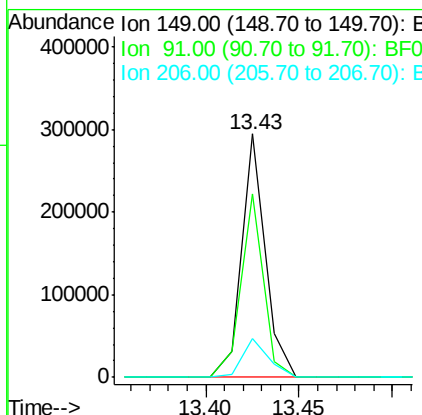
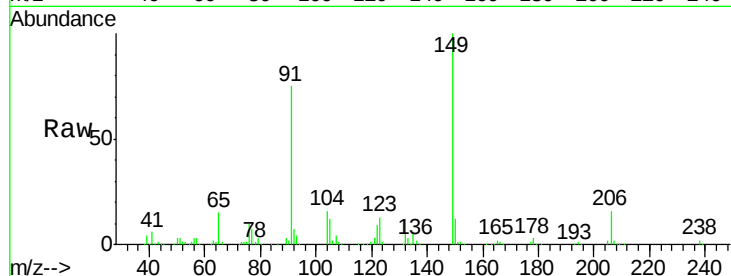
#79
Butylbenzylphthalate
Concen: 40.53 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	261129		
91	75.3	57.6	86.4	
206	16.2	13.2	19.8	

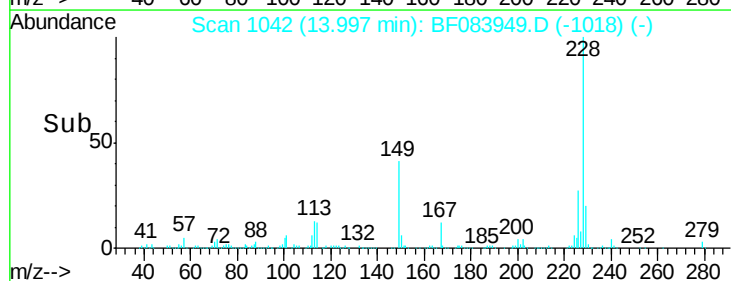
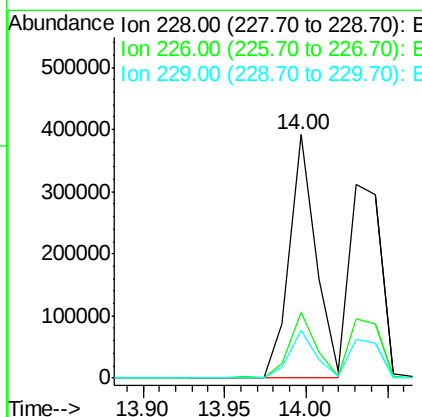
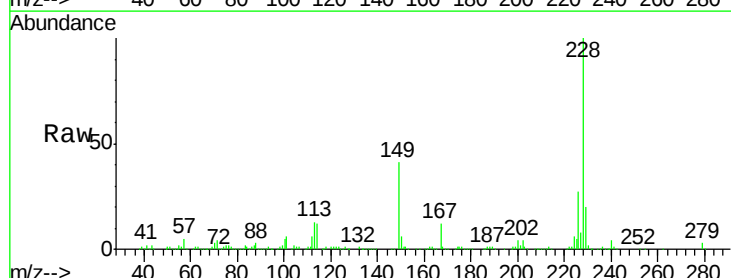
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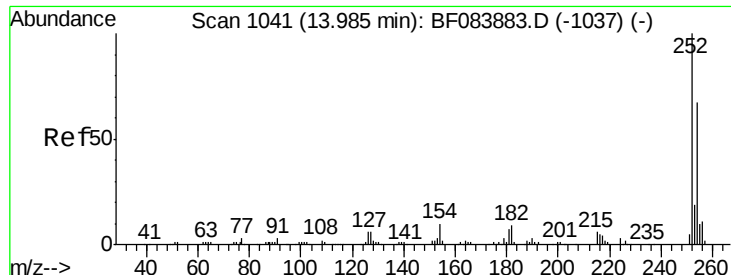
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#80
Benzo(a)anthracene
Concen: 37.57 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	446977		
226	27.2	21.8	32.6	
229	19.7	15.8	23.8	





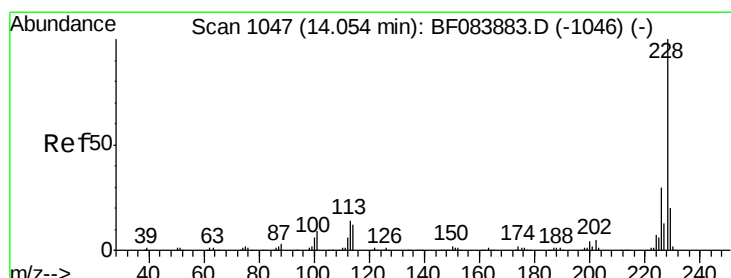
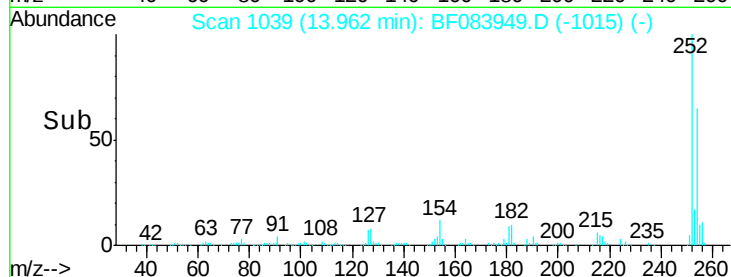
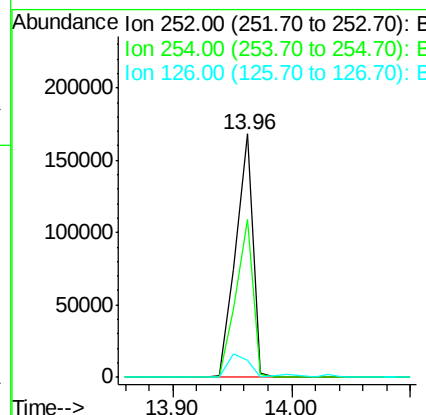
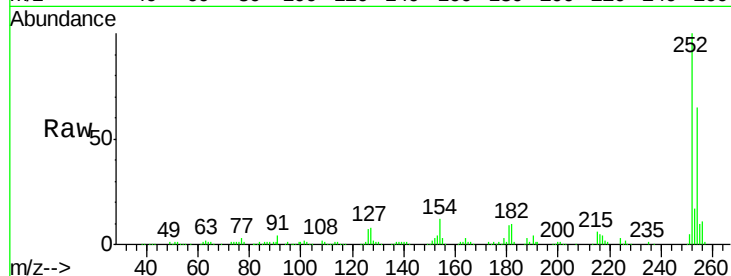
#81
 3,3'-Dichlorobenzidine
 Concen: 38.33 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	53.5	80.3
126	7.2	4.9	7.3

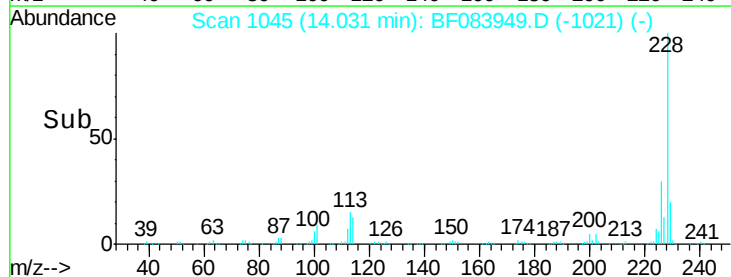
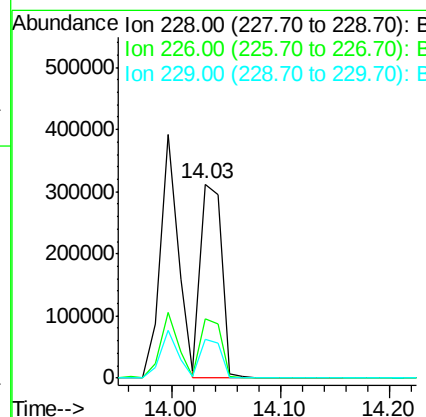
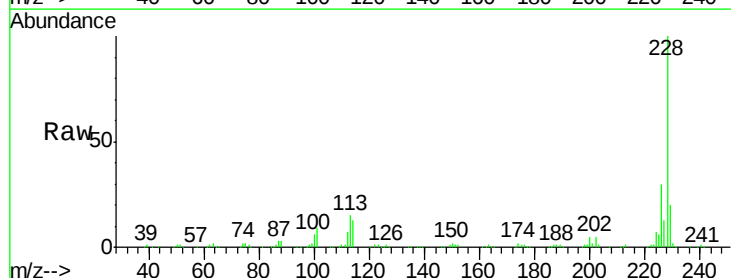
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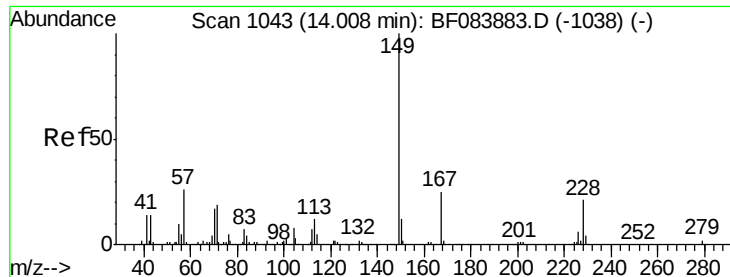
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#82
 Chrysene
 Concen: 37.04 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.9	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.24 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

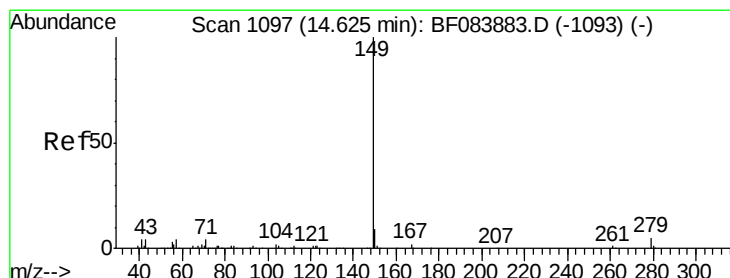
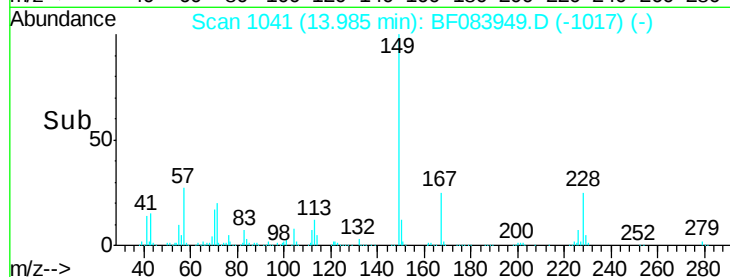
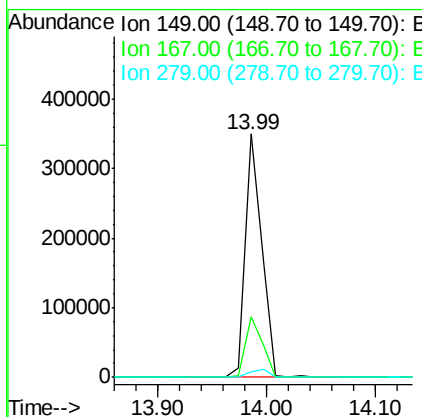
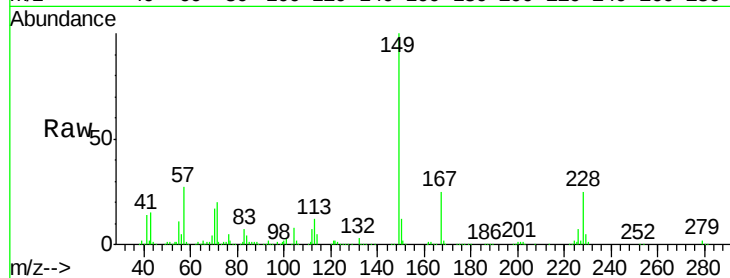
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	363336
Ion Ratio		Lower	Upper
149	100		
167	24.7	19.7	29.5
279	2.3	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 45.79 ng

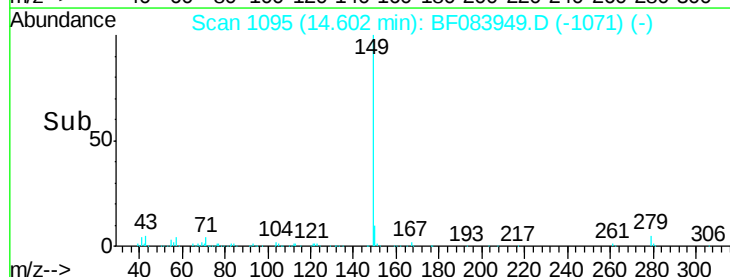
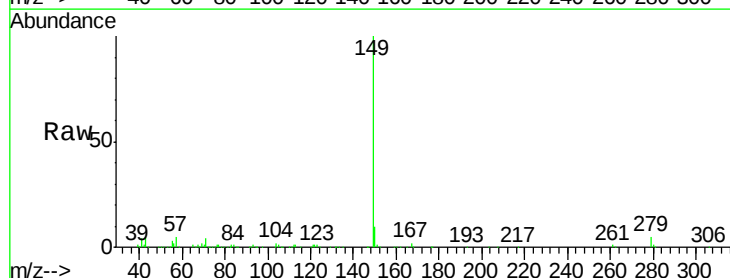
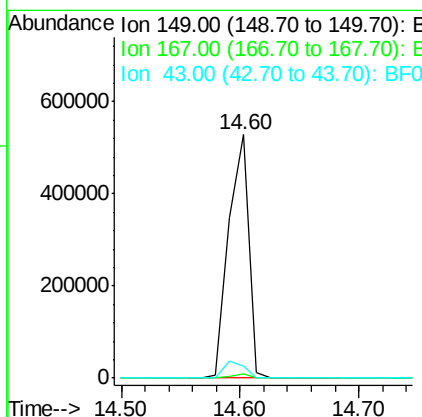
RT: 14.60 min Scan# 1095

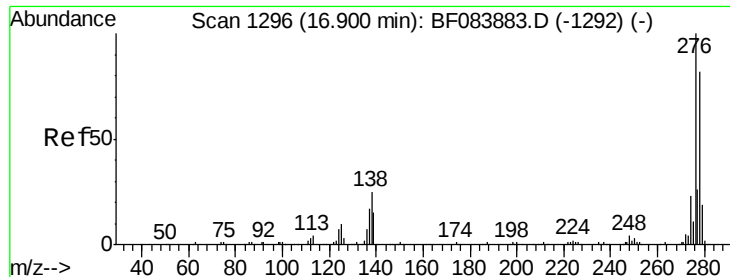
Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion:	149	Resp:	616392
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.0	5.6	8.4





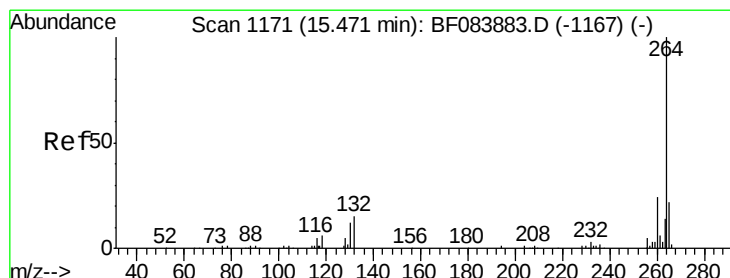
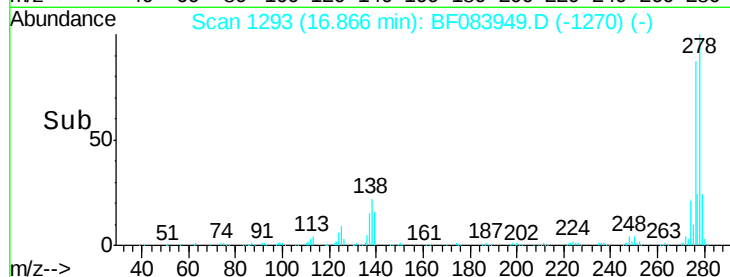
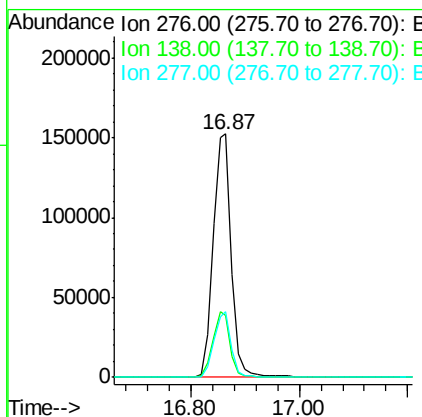
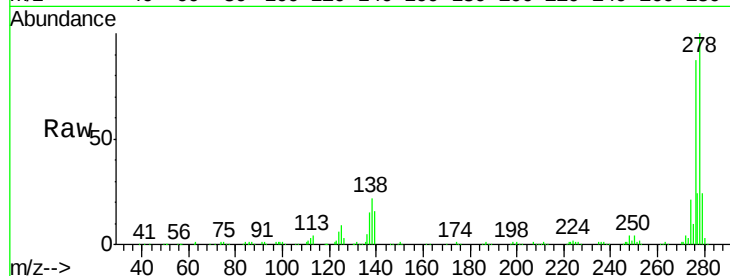
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.86 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.7	20.1	30.1

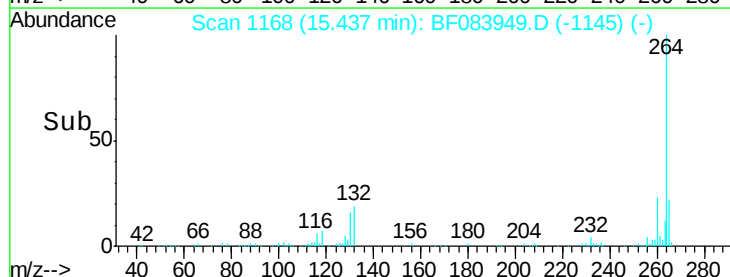
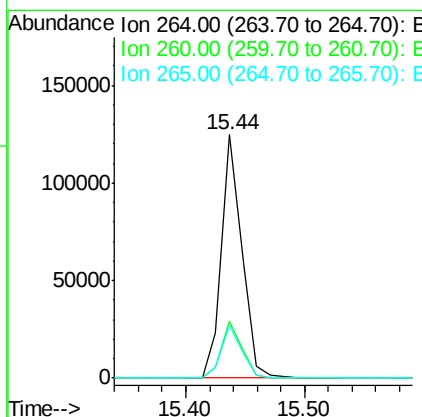
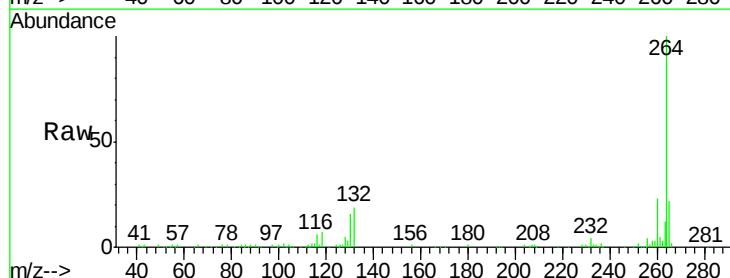
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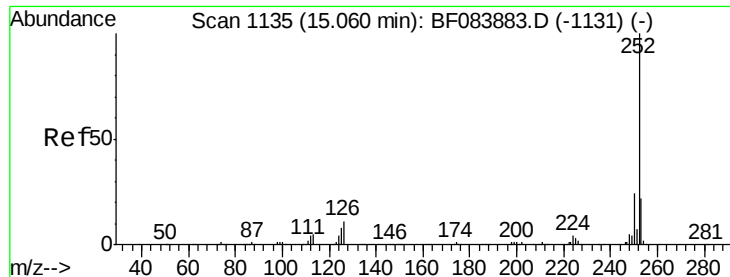
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 42.00 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Instrument :

BNA_F

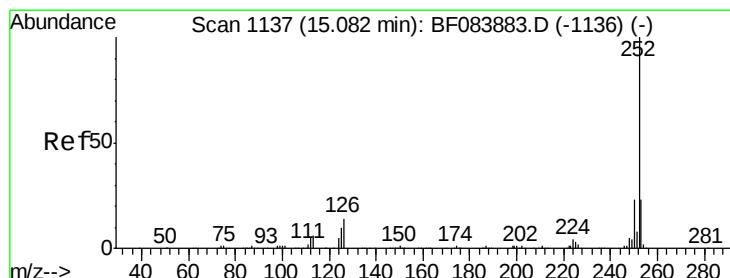
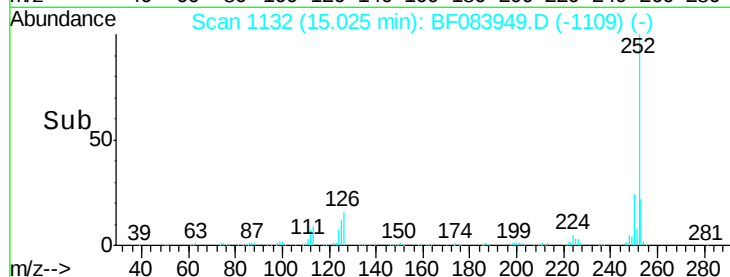
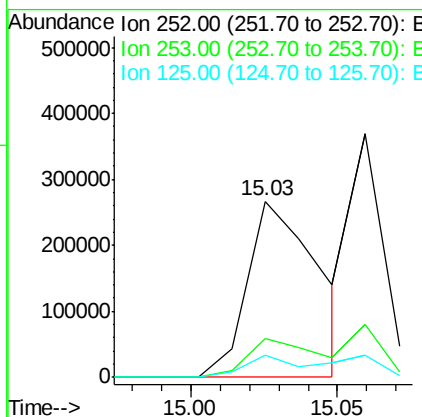
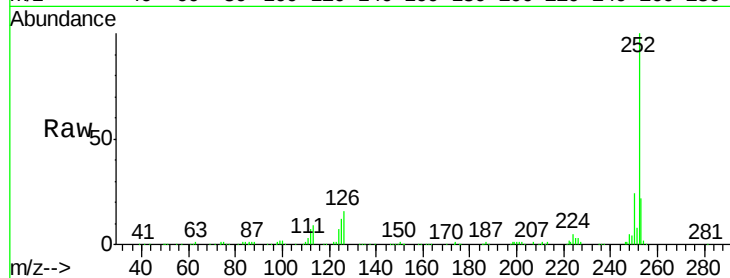
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.4	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 33.20 ng m

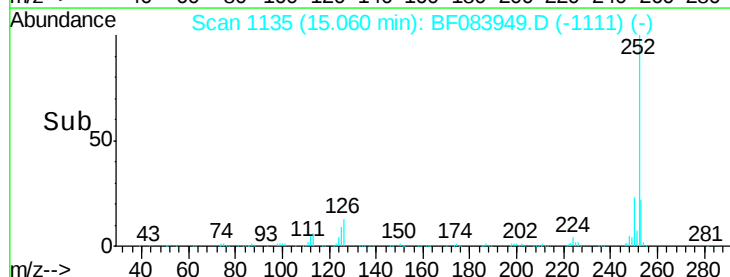
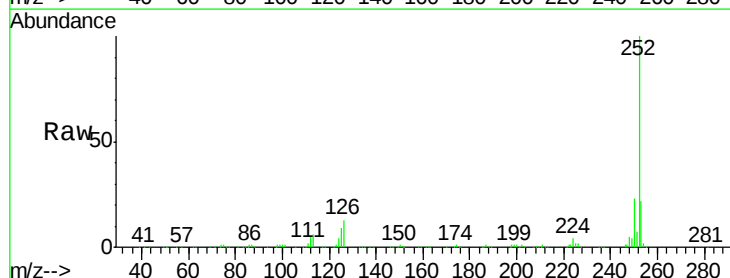
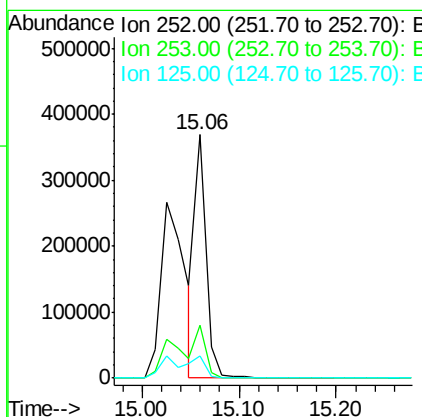
RT: 15.06 min Scan# 1135

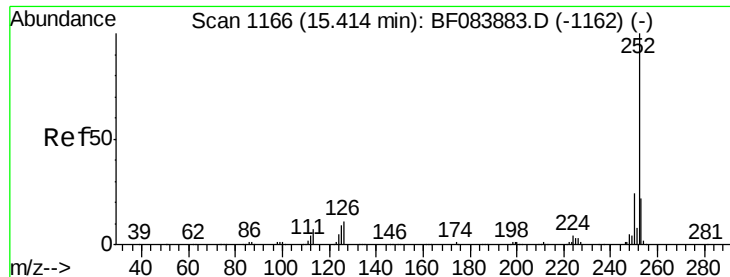
Delta R.T. -0.02 min

Lab File: BF083949.D

Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	9.3	9.0	13.6





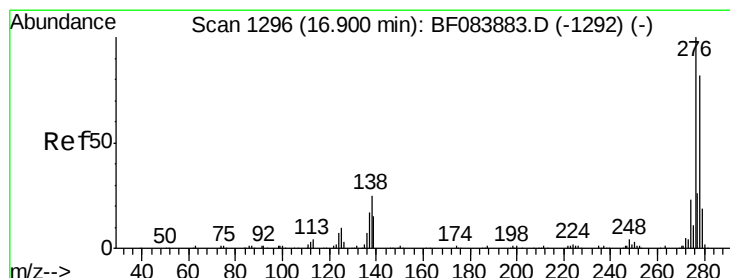
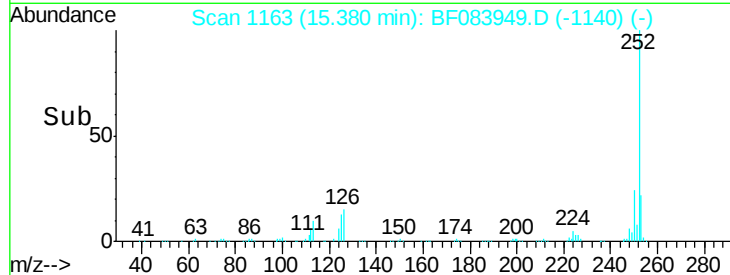
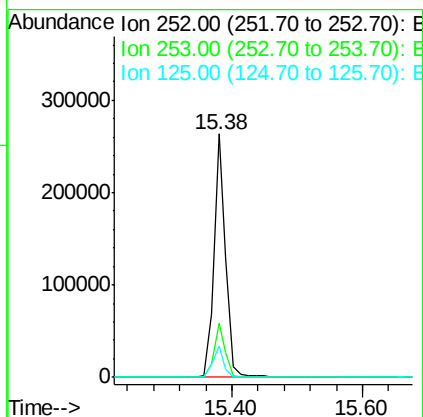
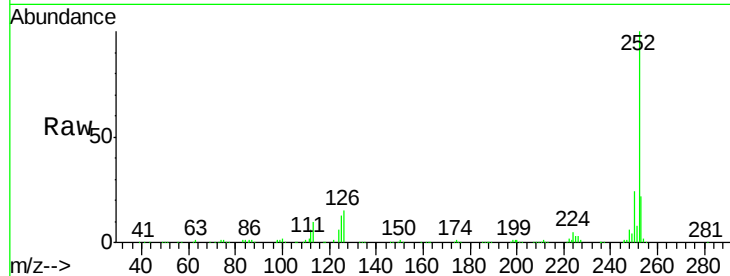
#89
Benzo(a)pyrene
Concen: 37.43 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.7	7.0	10.4

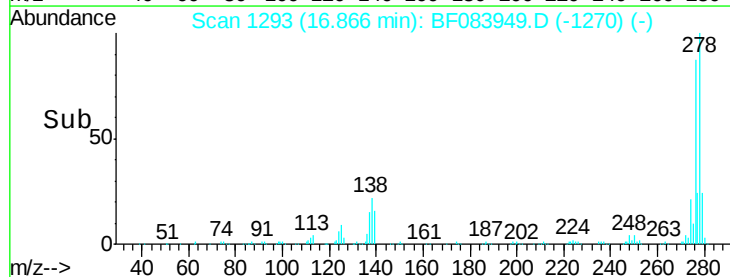
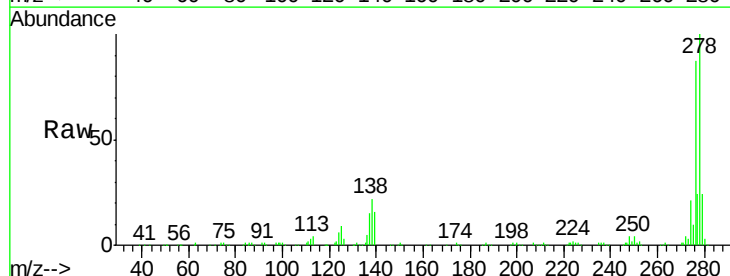
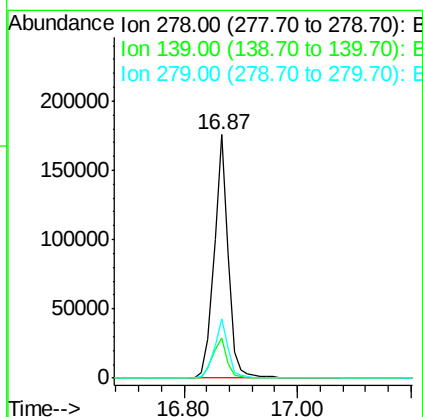
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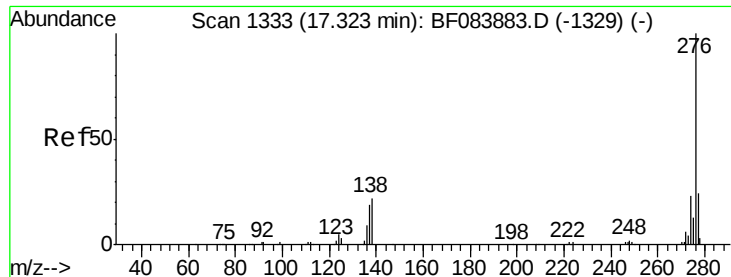
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 42.92 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083949.D
Acq: 19 Dec 2015 12:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	24.3	18.9	28.3





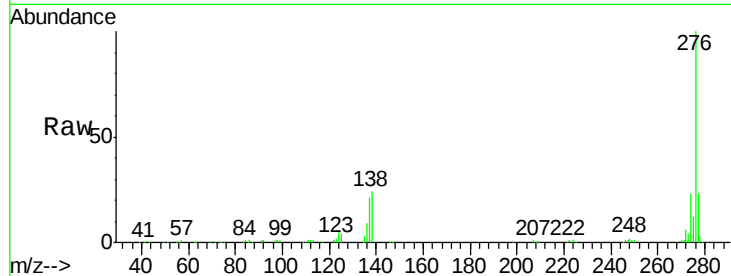
#91
 Benzo(a,h,i)perylene
 Concen: 44.14 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083949.D
 Acq: 19 Dec 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	300145
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.8	28.2
138	24.0	17.8	26.6

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:59:23 AM



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

