

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082969.D
 Acq On : 17 Nov 2015 12:27
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 11/17/2015 5:56:20 PM

Quant Time: Nov 17 13:00:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	256908	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	996364	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	462248	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	819080	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	498055	20.00	ng	-0.08
86) Perylene-d12	15.35	264	558947	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1237416	74.94	ng	-0.06
7) Phenol-d6	6.44	99	1619439	73.78	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1589762	69.43	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	350229	66.08	ng	-0.06
44) 2-Fluorobiphenyl	9.16	172	2600093	80.62	ng	-0.06
78) Terphenyl-d14	12.90	244	1994502	94.98	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	292874	41.11	ng	98
3) Pyridine	3.01	79	906276	43.84	ng	95
4) n-Nitrosodimethylamine	2.98	42	397851	38.80	ng	# 76
6) Aniline	6.45	93	1120169	36.35	ng	# 63
8) 2-Chlorophenol	6.58	128	721438	39.41	ng	90
9) Benzaldehyde	6.33	77	458737	37.83	ng	88
10) Phenol	6.45	94	865336	34.74	ng	# 41
11) bis(2-Chloroethyl)ether	6.53	93	753953	40.48	ng	# 82
12) 1,3-Dichlorobenzene	6.73	146	803063m	38.90	ng	
13) 1,4-Dichlorobenzene	6.81	146	844487	39.32	ng	92
14) 1,2-Dichlorobenzene	6.96	146	651283	33.34	ng	95
15) Benzyl Alcohol	6.94	79	701900	36.41	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1125324	41.19	ng	# 46
17) 2-Methylphenol	7.06	107	594700	38.36	ng	98
18) Hexachloroethane	7.30	117	268243	34.92	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	554527	34.37	ng	87
20) 3+4-Methylphenols	7.22	107	675401	33.51	ng	# 62
22) Acetophenone	7.21	105	1085490	38.02	ng	# 98
24) Nitrobenzene	7.38	77	919783	39.28	ng	93
25) Isophorone	7.62	82	1574802	37.17	ng	99
26) 2-Nitrophenol	7.69	139	366429	37.49	ng	# 83
27) 2,4-Dimethylphenol	7.74	122	565729	32.21	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	995967	41.68	ng	97
29) 2,4-Dichlorophenol	7.94	162	566712	35.70	ng	87
30) 1,2,4-Trichlorobenzene	8.02	180	641205	35.92	ng	98
31) Naphthalene	8.10	128	1895034	34.47	ng	99
32) Benzoic acid	7.89	122	391375	32.55	ng	89
33) 4-Chloroaniline	8.16	127	874079	36.89	ng	# 83
34) Hexachlorobutadiene	8.22	225	421271	37.71	ng	99
35) Caprolactam	8.54	113	181854	36.34	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	649497	34.80	ng	89
37) 2-Methylnaphthalene	8.78	142	1220937	34.33	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	575812	37.91	ng	99
40) Hexachlorocyclopentadiene	8.94	237	124603	15.27	ng	99

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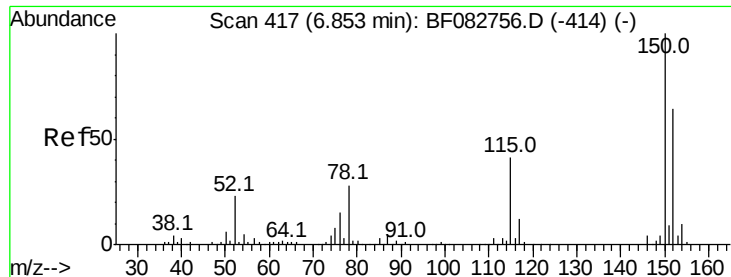
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	408570	36.03	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	412088	36.75	nq	93
45) 1,1'-Biphenyl	9.25	154	1350901	34.06	nq	96
46) 2-Chloronaphthalene	9.28	162	1087385	35.14	nq	96
47) 2-Nitroaniline	9.38	65	488650	42.57	nq	# 61
48) Acenaphthylene	9.69	152	1723550	35.54	nq	100
49) Dimethylphthalate	9.56	163	1327577	35.05	nq	99
50) 2,6-Dinitrotoluene	9.62	165	281214	34.80	nq	98
51) Acenaphthene	9.86	154	1101668	35.85	nq	98
52) 3-Nitroaniline	9.79	138	383158	43.11	nq	# 81
53) 2,4-Dinitrophenol	9.89	184	74267	16.74	nq	# 5
54) Dibenzofuran	10.03	168	1446007	34.90	nq	94
55) 4-Nitrophenol	9.96	139	211426	31.01	nq	82
56) 2,4-Dinitrotoluene	10.02	165	370957	33.83	nq	97
57) Fluorene	10.37	166	1074351	32.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	314655	34.38	nq	# 93
59) Diethylphthalate	10.26	149	1382790	37.40	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	630793	37.57	nq	98
61) 4-Nitroaniline	10.41	138	365517	40.90	nq	# 64
62) Azobenzene	10.53	77	1587111	39.96	nq	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	139231	23.86	nq	95
65) n-Nitrosodiphenylamine	10.49	169	1050642	35.51	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	354520	35.95	nq	# 71
67) Hexachlorobenzene	10.92	284	371237	33.71	nq	# 87
68) Atrazine	11.02	200	361214	39.48	nq	97
69) Pentachlorophenol	11.12	266	198763	29.72	nq	99
70) Phenanthrene	11.33	178	1662927	34.96	nq	99
71) Anthracene	11.39	178	1738284	34.69	nq	98
72) Carbazole	11.54	167	1367652	31.18	nq	99
73) Di-n-butylphthalate	11.88	149	2157484	39.48	nq	98
74) Fluoranthene	12.52	202	1612847	31.60	nq	95
76) Benzidine	12.64	184	695327	41.66	nq	98
77) Pyrene	12.74	202	1530436	44.74	nq	98
79) Butylbenzylphthalate	13.37	149	705547	46.69	nq	96
80) Benzo(a)anthracene	13.93	228	1255937	40.33	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	446358	40.31	nq	98
82) Chrysene	13.97	228	1273526	44.64	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1015193	49.09	nq	# 98
84) Di-n-octyl phthalate	14.55	149	1629493	47.23	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	1307352	53.21	nq	# 96
87) Benzo(b)fluoranthene	14.96	252	1309119m	36.49	nq	
88) Benzo(k)fluoranthene	14.98	252	1035966m	32.55	nq	
89) Benzo(a)pyrene	15.30	252	1170240	37.65	nq	# 98
90) Dibenzo(a,h)anthracene	16.73	278	1082789	41.14	nq	98
91) Benzo(g,h,i)perylene	17.12	276	1021156	40.50	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 256908

Ion Ratio Lower Upper

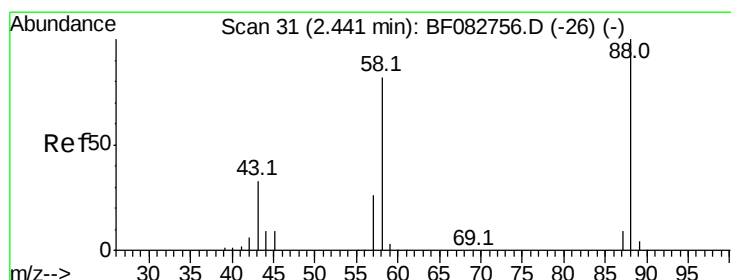
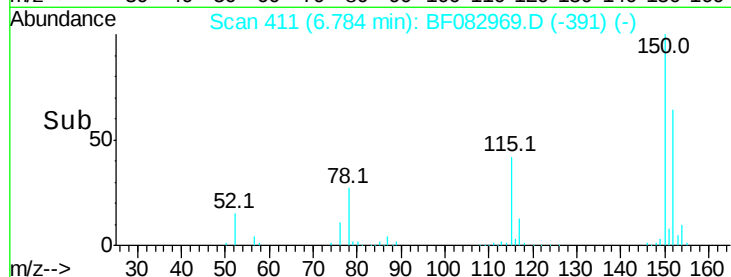
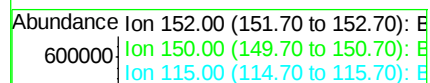
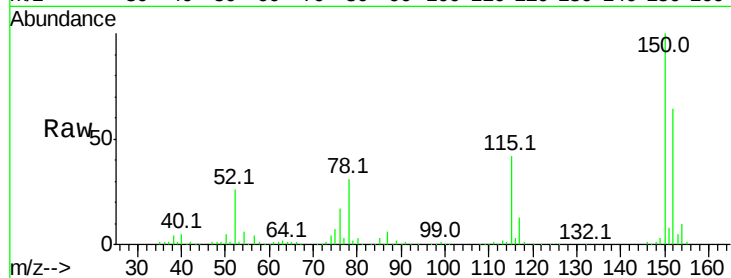
152 100

150 156.9 127.0 190.4

115 65.9 47.0 70.6

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#2

1,4-Dioxane

Concen: 41.11 ng

RT: 2.32 min Scan# 20

Delta R.T. -0.13 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

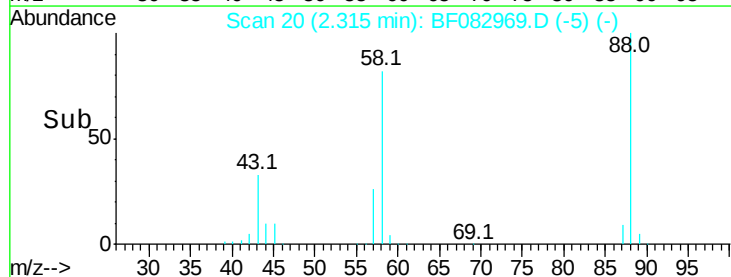
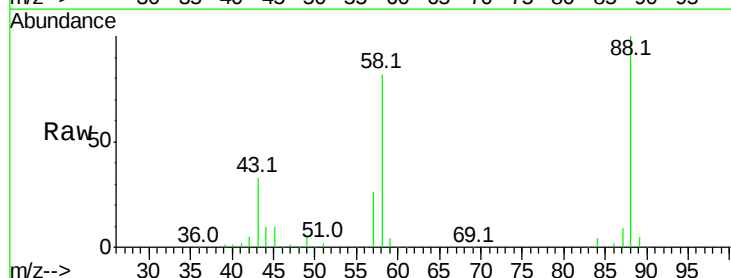
Tgt Ion: 88 Resp: 292874

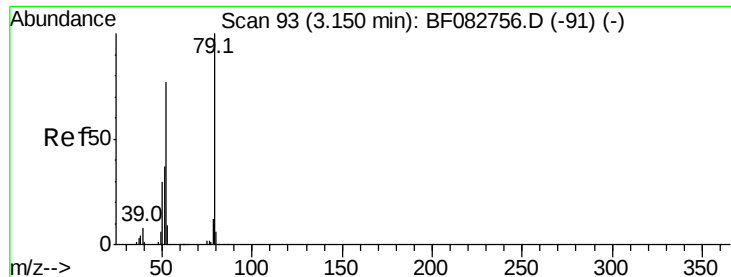
Ion Ratio Lower Upper

88 100

58 79.2 62.0 93.0

43 31.5 26.6 40.0





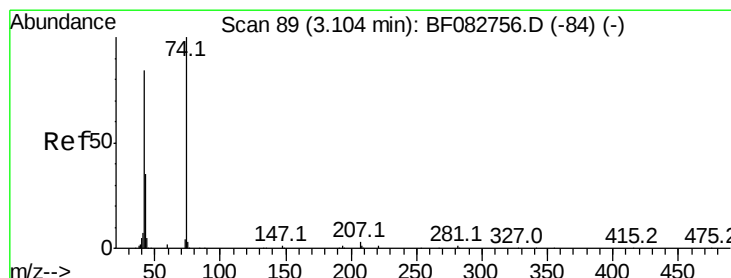
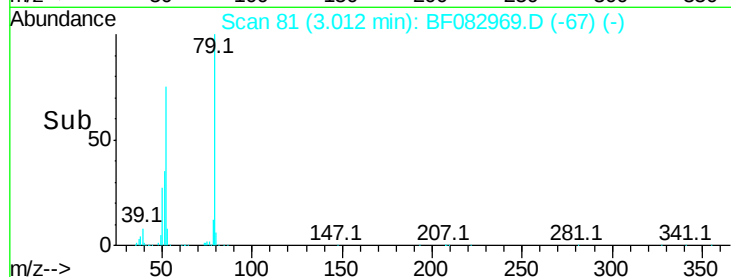
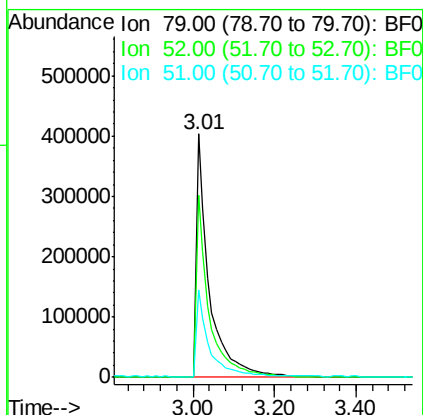
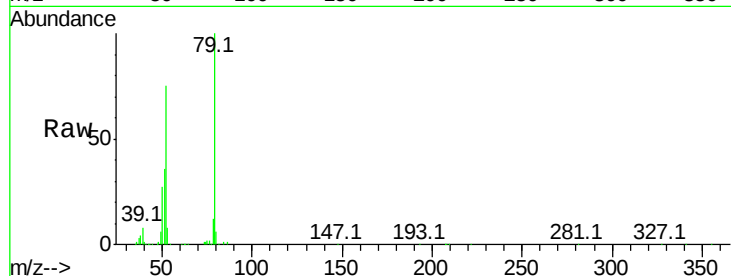
#3
 Pvridine
 Concen: 43.84 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.14 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.0	62.8	94.2
51	35.8	32.0	48.0

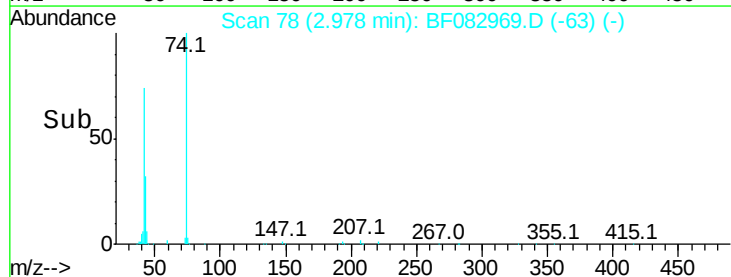
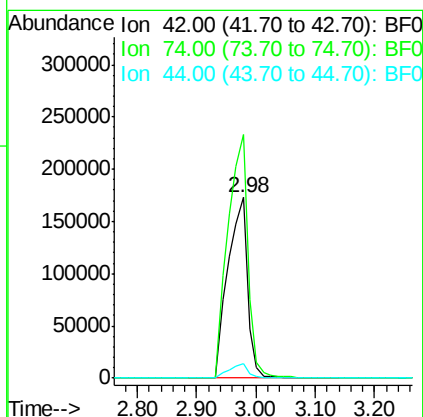
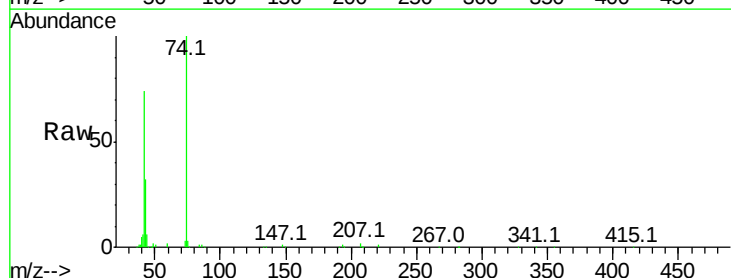
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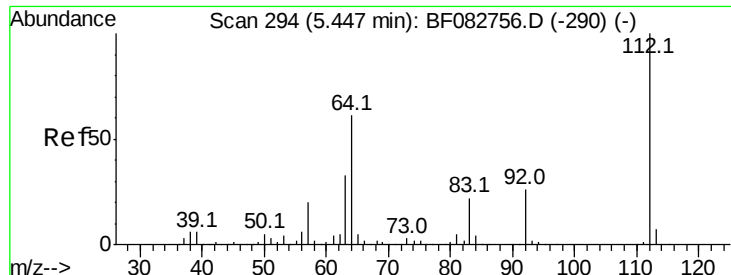
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#4
 n-Nitrosodimethylamine
 Concen: 38.80 ng
 RT: 2.98 min Scan# 78
 Delta R.T. -0.13 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.9	87.0	130.4#
44	8.0	5.8	8.8





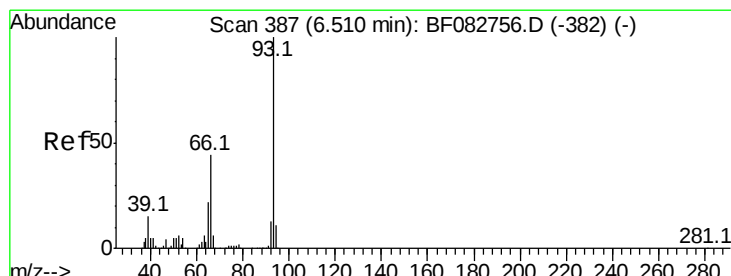
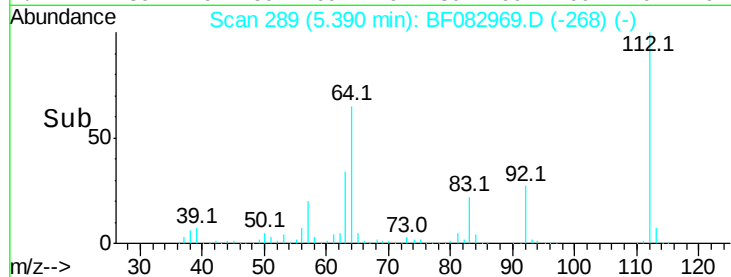
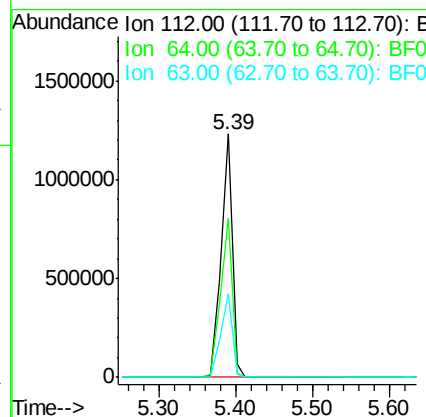
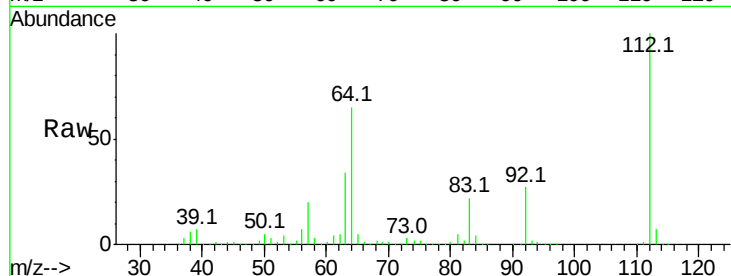
#5
 2-Fluorophenol
 Concen: 74.94 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
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 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	112	Resp:	1237416
Ion Ratio	Lower	Upper	
112	100		
64	65.4	48.9	73.3
63	34.2	28.1	42.1

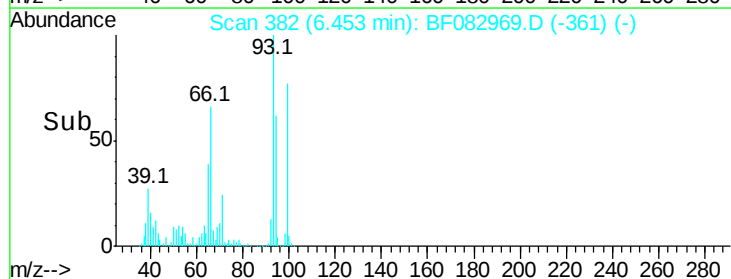
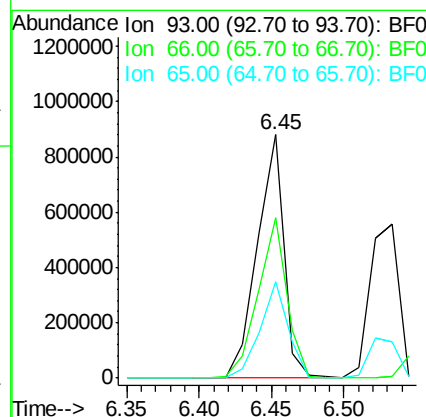
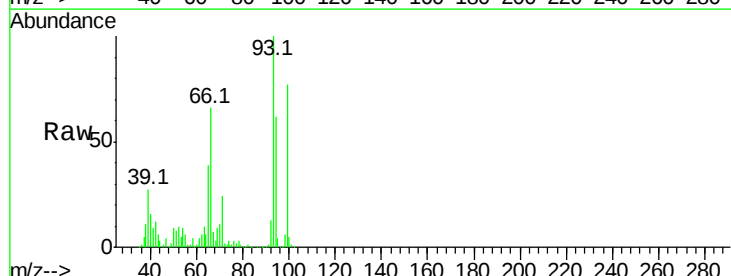
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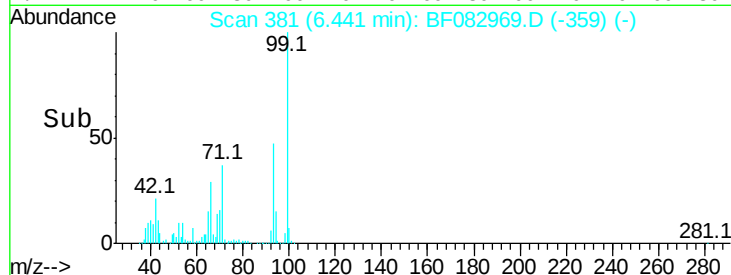
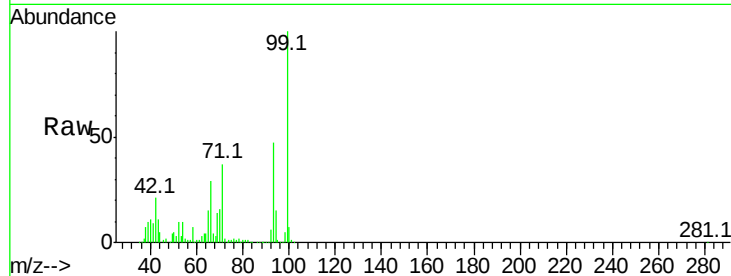
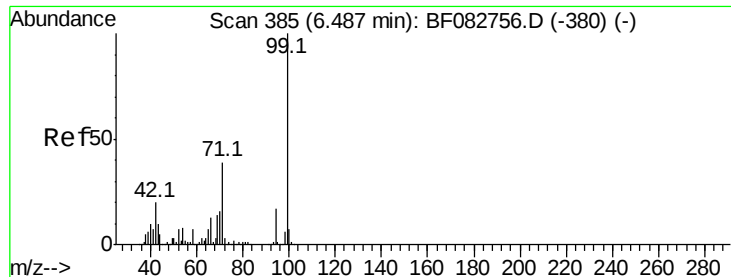
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#6
 Aniline
 Concen: 36.35 ng
 RT: 6.45 min Scan# 382
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion:	93	Resp:	1120169
Ion Ratio	Lower	Upper	
93	100		
66	65.9	33.6	50.4#
65	39.4	18.1	27.1#





#7

Phenol-d6

Concen: 73.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tot Ion: 99 Resp: 1619439

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

71 36.8 35.0 52.4

Instrument :

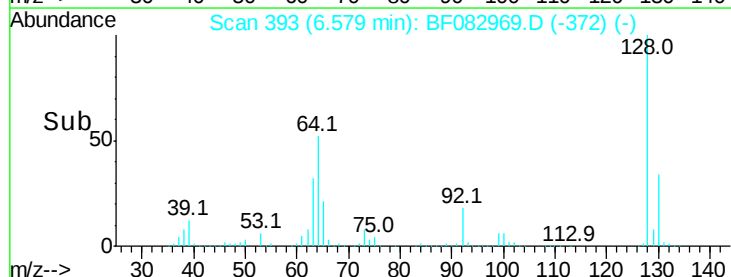
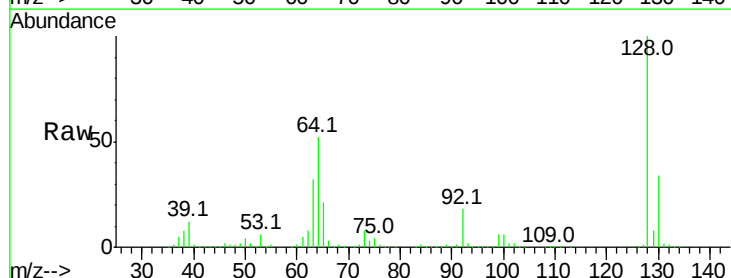
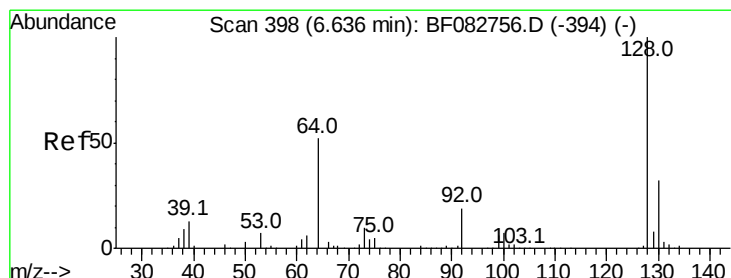
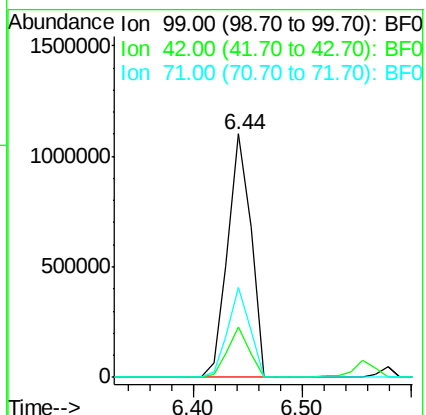
BNA_F

ClientSampleId :

SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 39.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

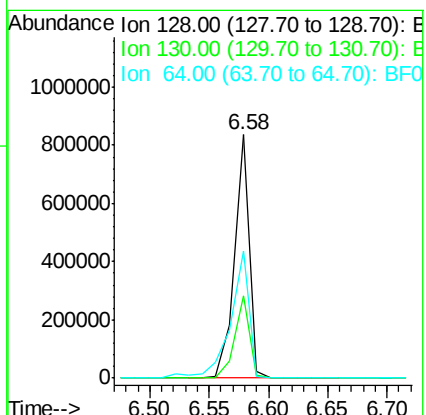
Tgt Ion: 128 Resp: 721438

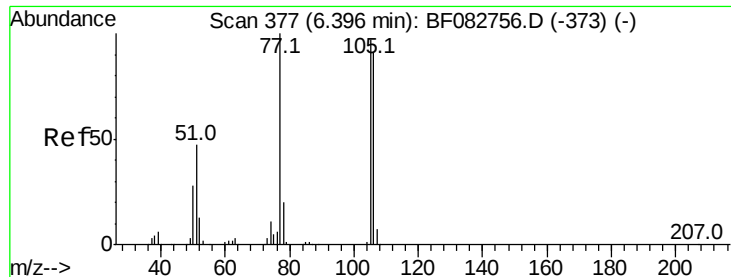
Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

64 52.1 21.1 61.1





#9

Benzaldehyde

Concen: 37.83 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

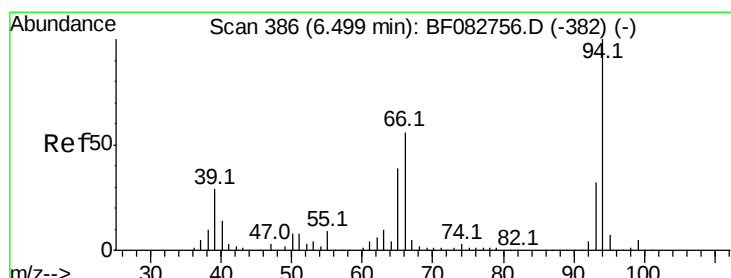
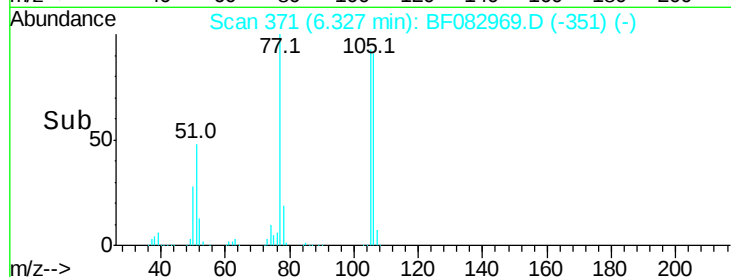
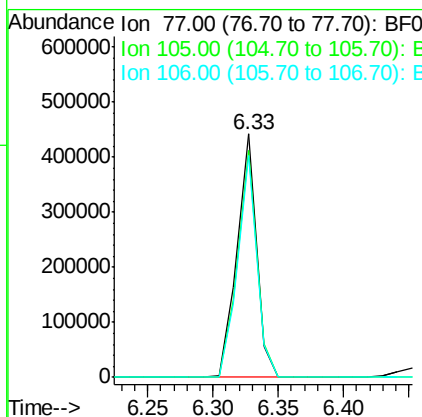
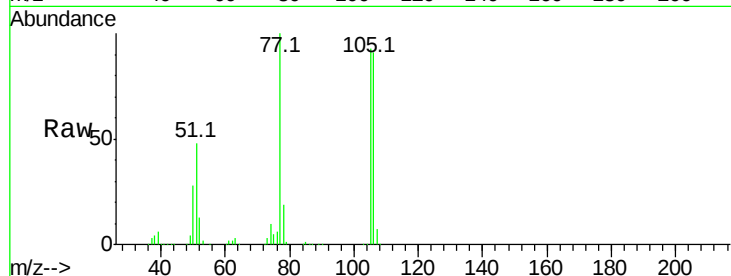
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	458737
Ion Ratio	Lower	Upper	
77	100		
105	93.5	63.5	103.5
106	90.9	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 34.74 ng

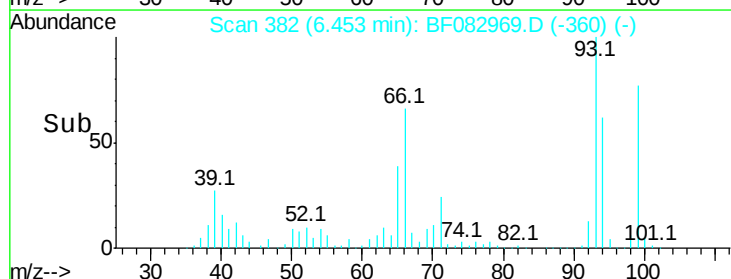
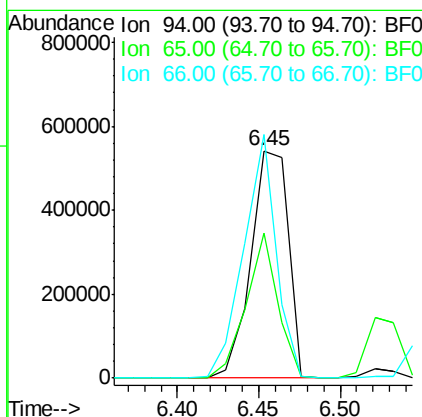
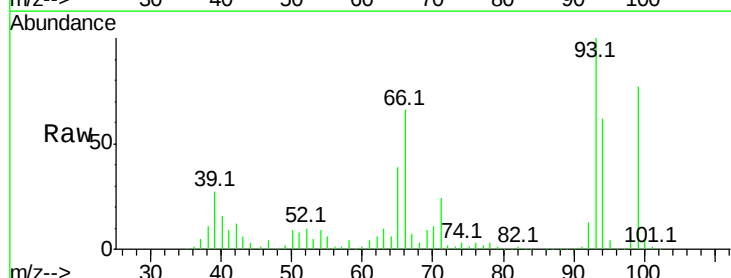
RT: 6.45 min Scan# 382

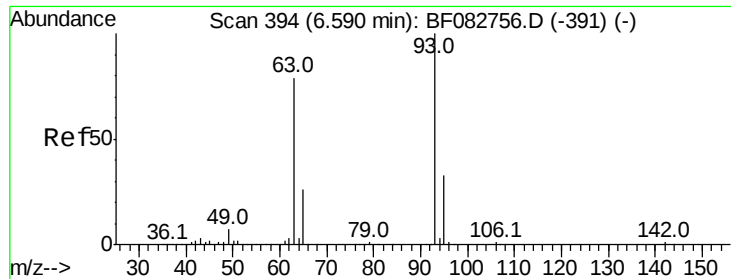
Delta R.T. -0.05 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	94	Resp:	865336
Ion Ratio	Lower	Upper	
94	100		
65	63.9	18.9	58.9#
66	107.0	34.9	74.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

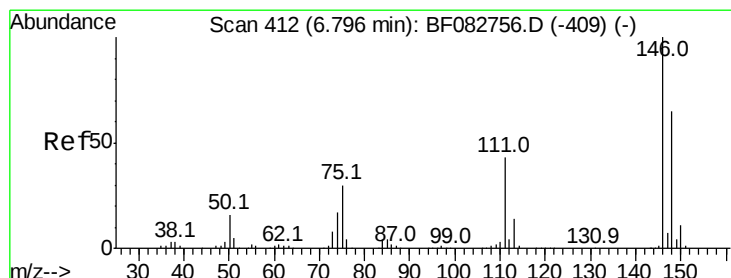
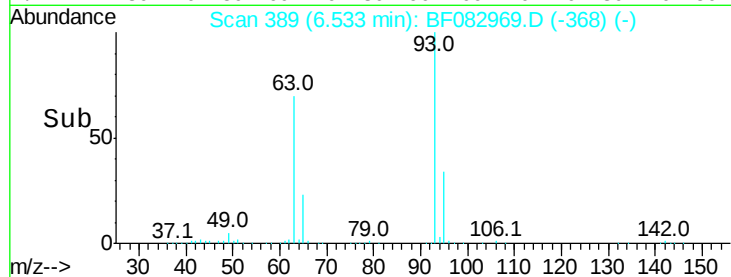
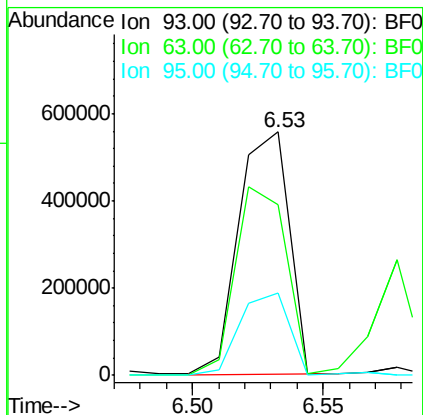
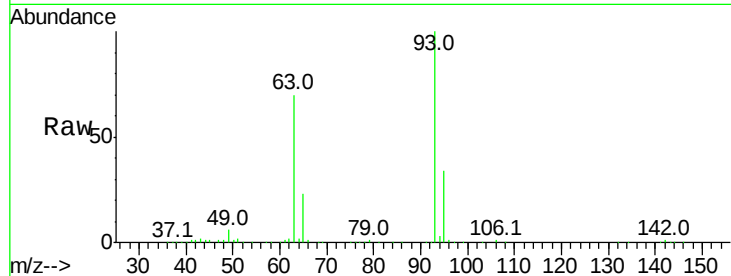
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	753953
Ion Ratio	Lower	Upper	
93	100		
63	70.2	72.7	112.7#
95	33.7	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.90 ng m

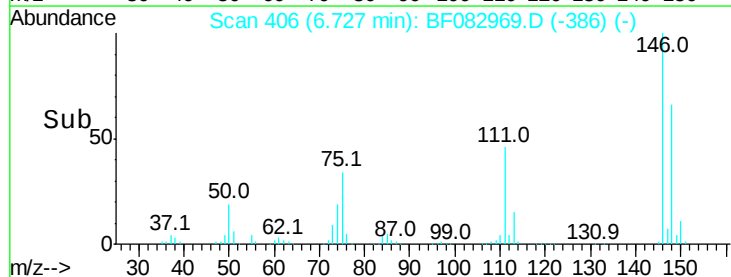
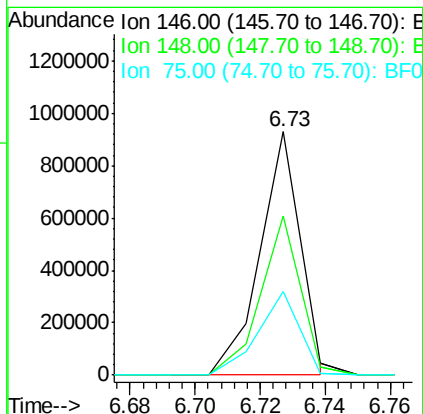
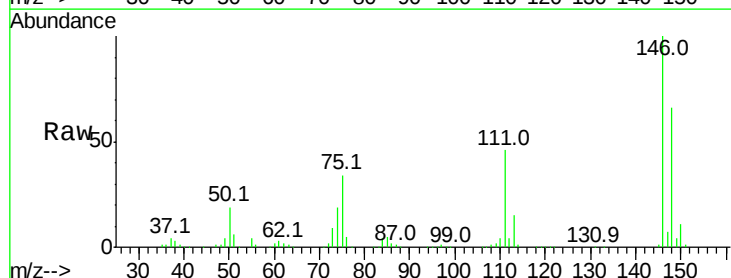
RT: 6.73 min Scan# 406

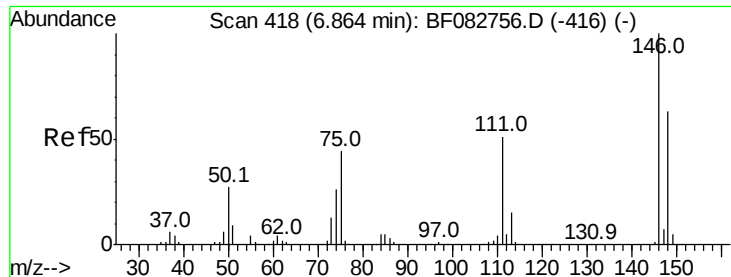
Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	146	Resp:	803063
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.5	75.7
75	34.4	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 39.32 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

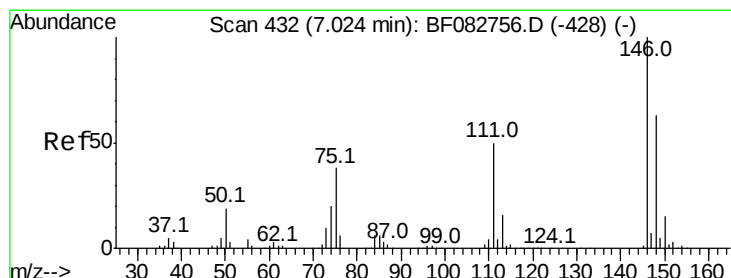
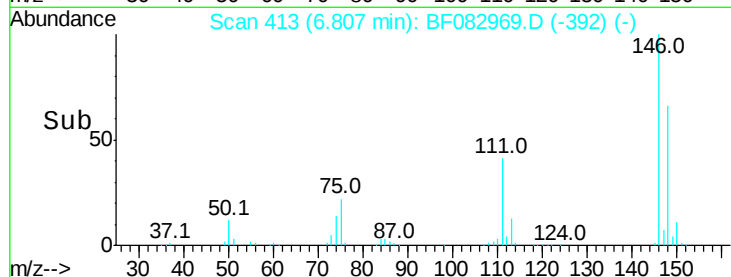
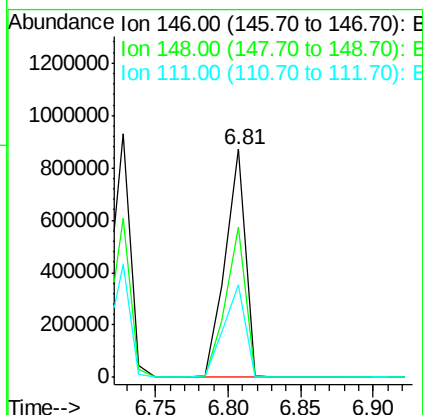
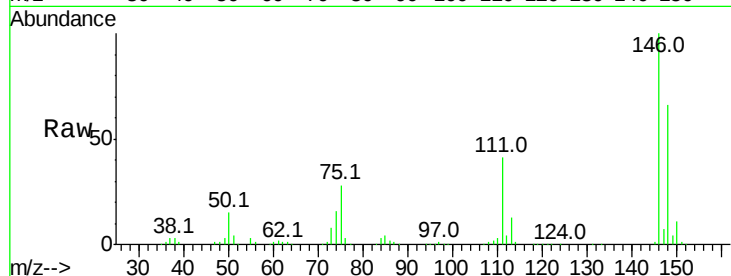
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	844487
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
111	40.7	40.6	60.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.34 ng

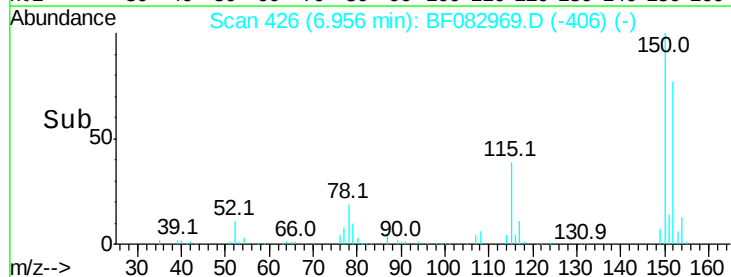
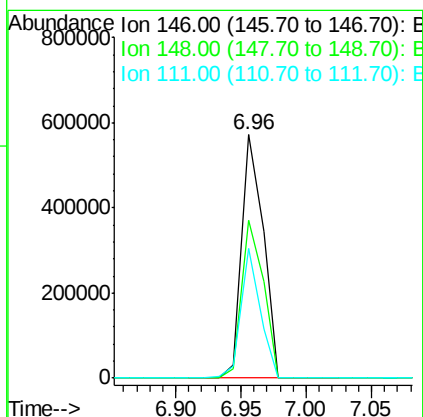
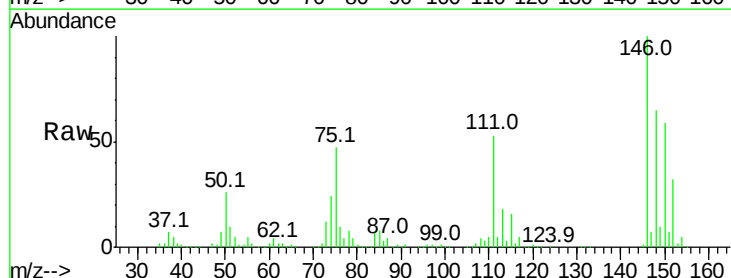
RT: 6.96 min Scan# 426

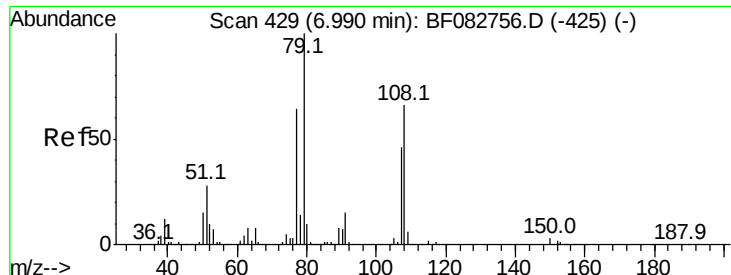
Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	146	Resp:	651283
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.4
111	53.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.41 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

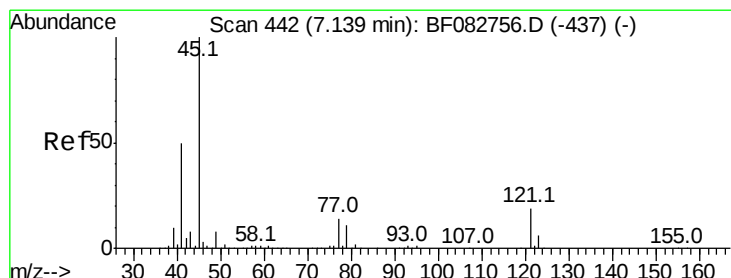
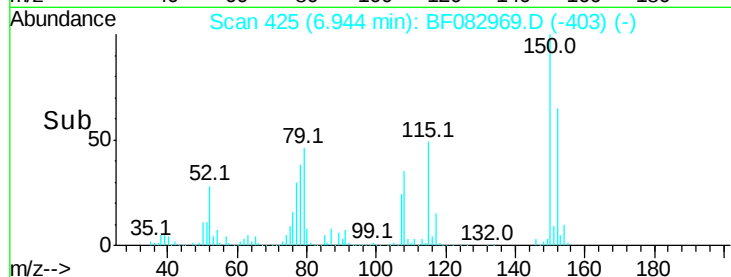
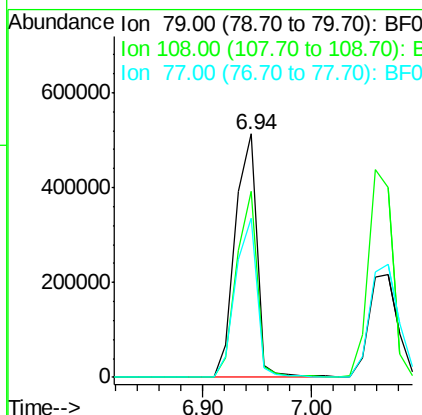
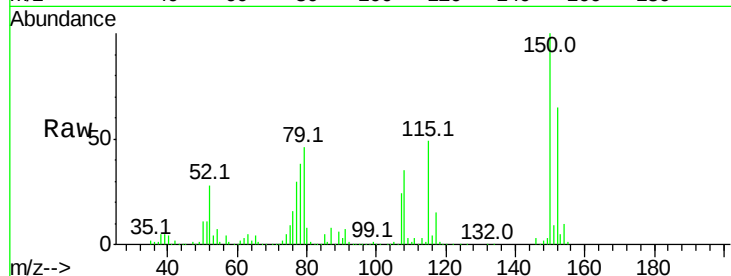
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	701900
Ion Ratio	Lower	Upper	
79	100		
108	76.2	52.2	78.4
77	65.3	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.19 ng

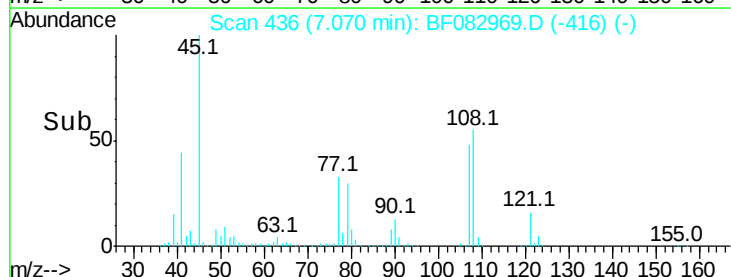
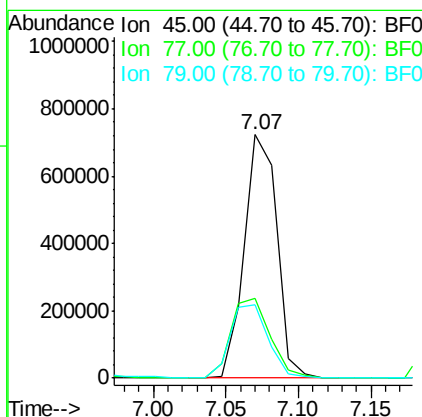
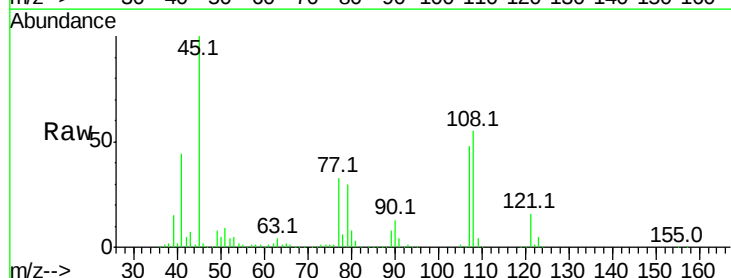
RT: 7.07 min Scan# 436

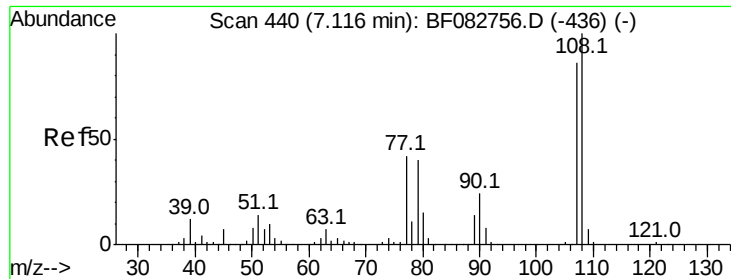
Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	45	Resp:	1125324
Ion Ratio	Lower	Upper	
45	100		
77	33.0	0.0	32.6#
79	30.1	0.0	29.2#





#17

2-Methylphenol

Concen: 38.36 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 594700

Ion Ratio Lower Upper

107 100

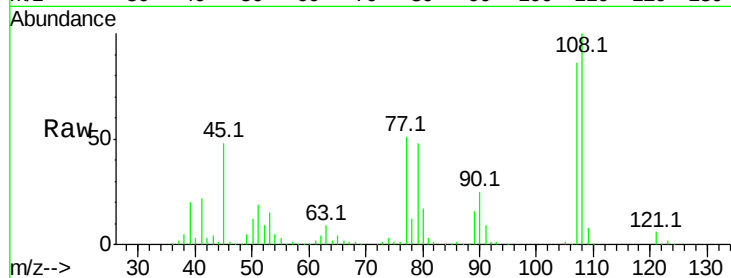
108 116.0 93.0 139.4

77 59.2 44.1 66.1

79 56.2 43.6 65.4

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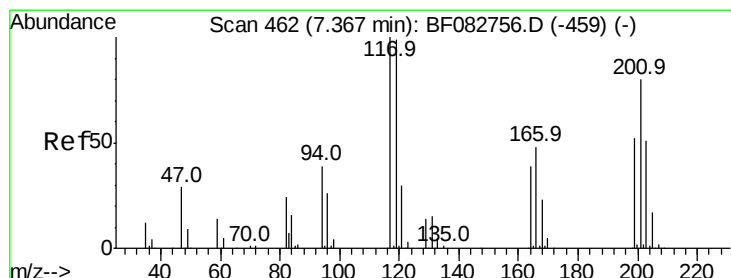
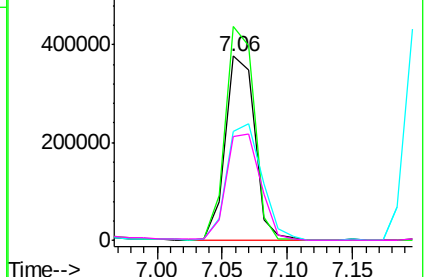
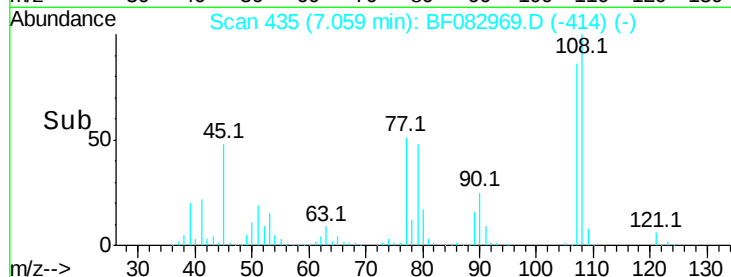


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.92 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

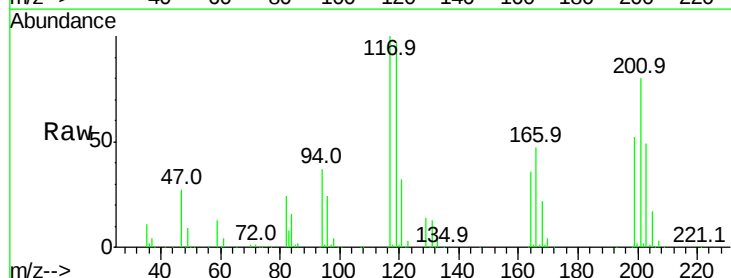
Tgt Ion:117 Resp: 268243

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5

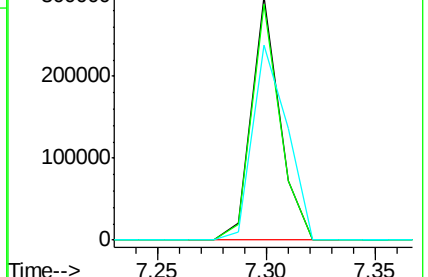
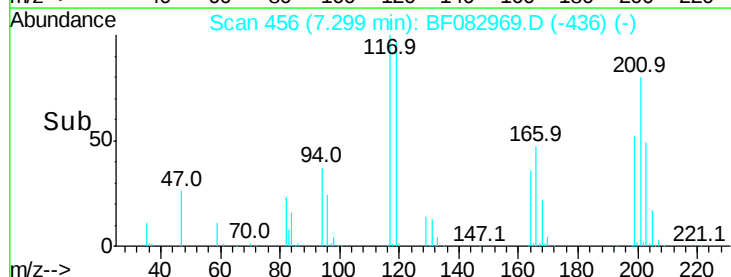
201 79.8 66.7 100.1

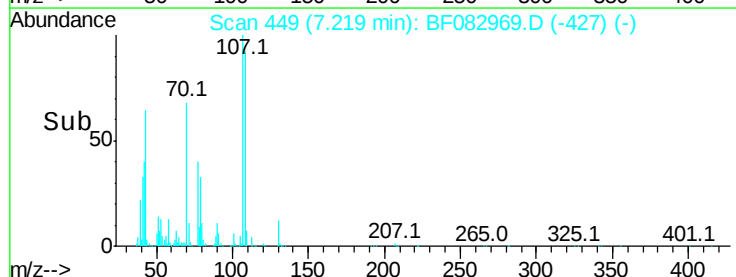
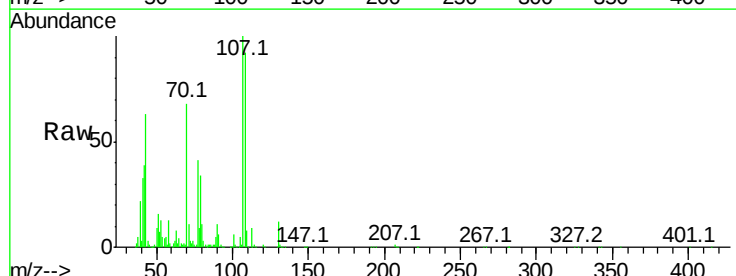
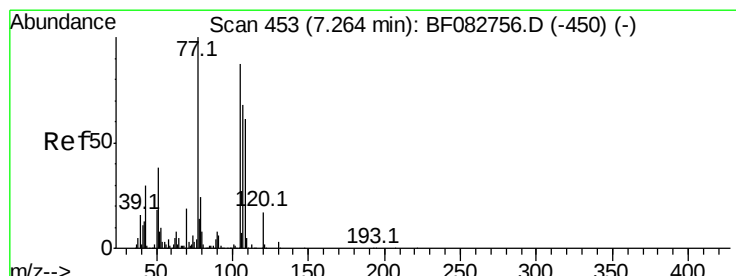
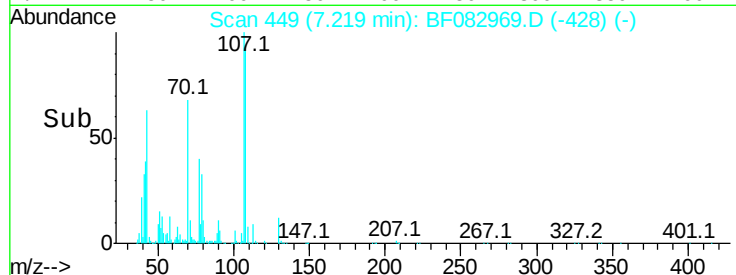
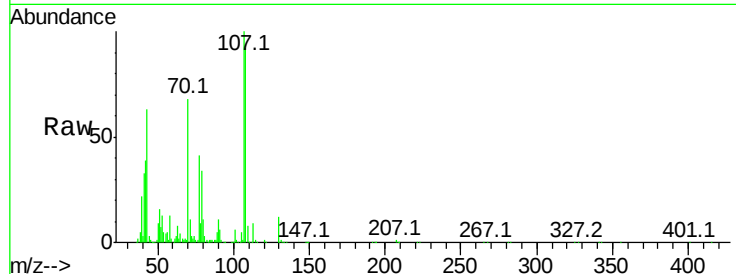
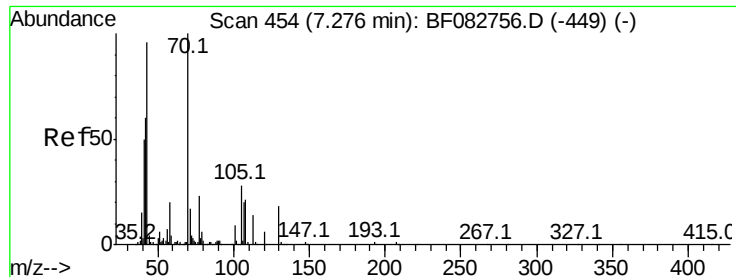


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

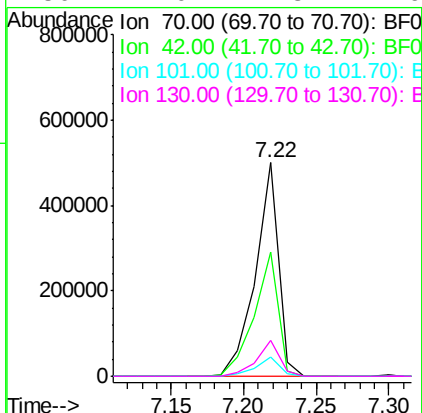
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.37 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	57.7	86.5
101	8.8	7.0	10.6
130	17.0	11.8	17.6



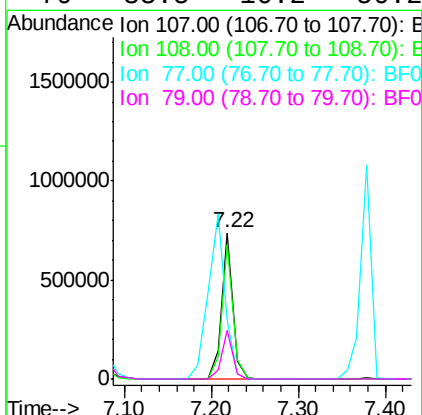
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

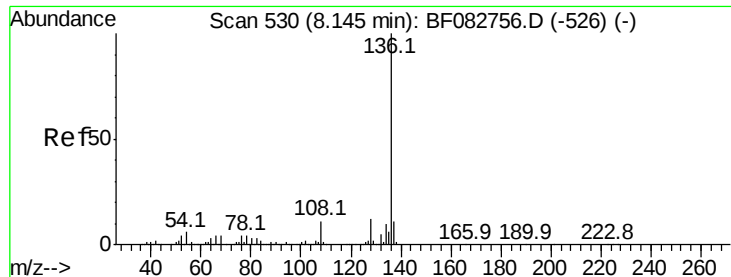
Manual Integrations
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#20
3+4-Methylphenols
Concen: 33.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	67.3	107.3
77	40.5	100.3	140.3#
79	33.5	16.2	56.2





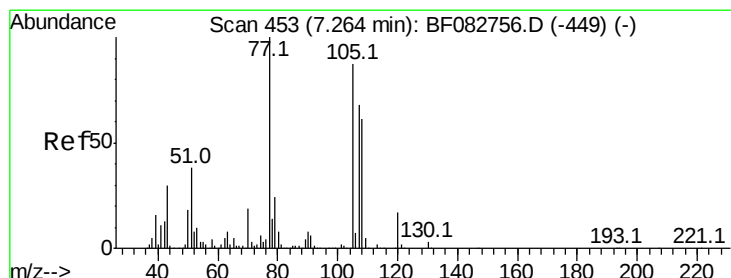
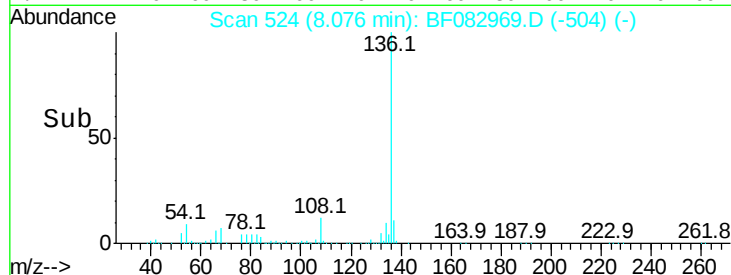
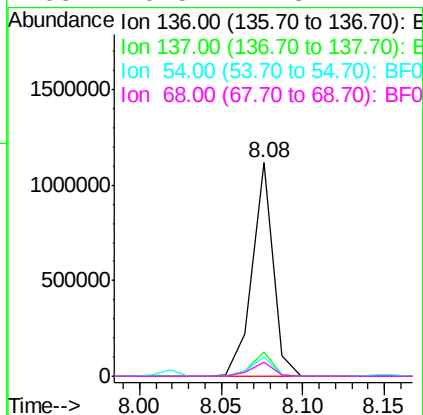
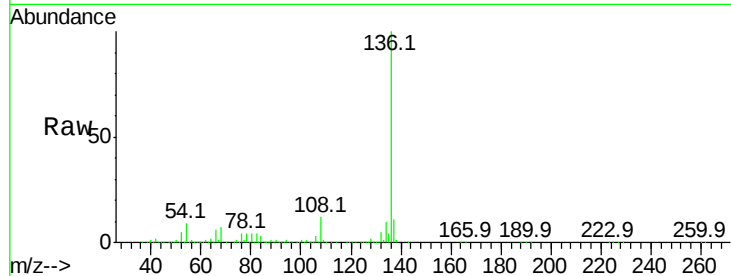
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.2	9.1	13.7	
68	6.5	4.8	7.2	

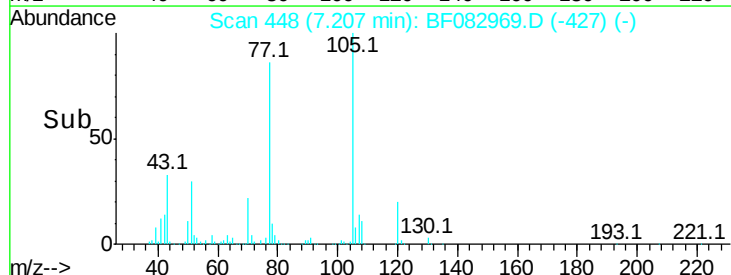
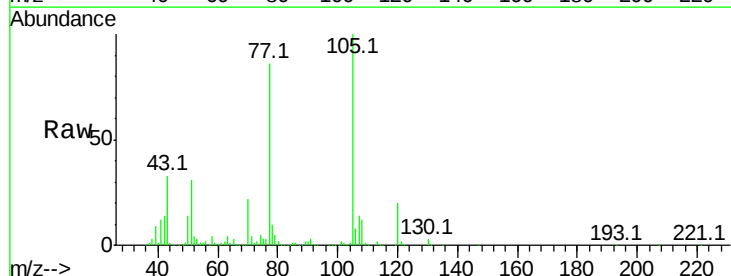
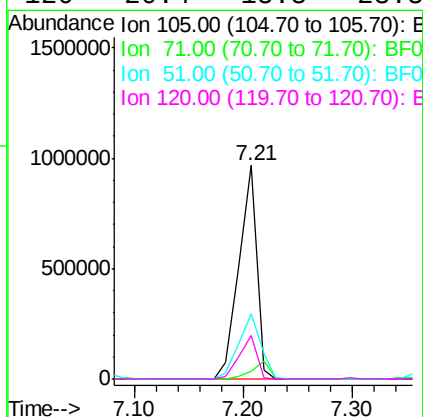
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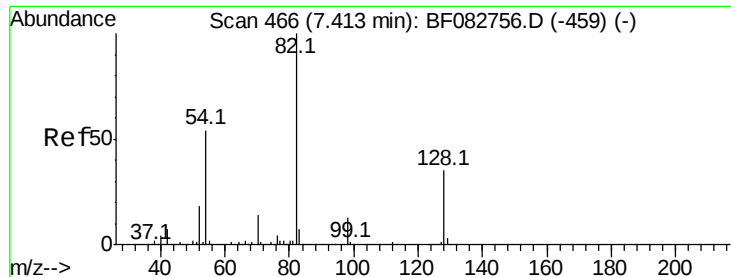
mmdadoda
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#22
Acetophenone
Concen: 38.02 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	5.6	8.4#	
51	30.7	24.9	37.3	
120	20.4	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 69.43 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1589762

Ion Ratio Lower Upper

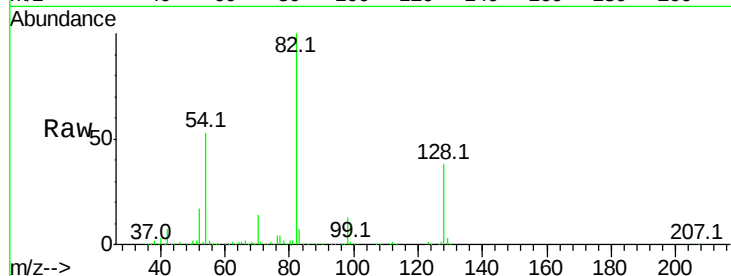
82 100

128 38.1 26.8 40.2

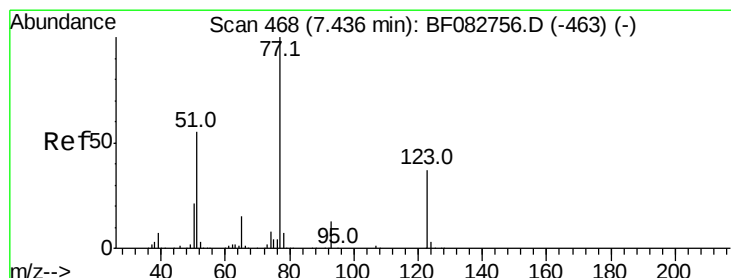
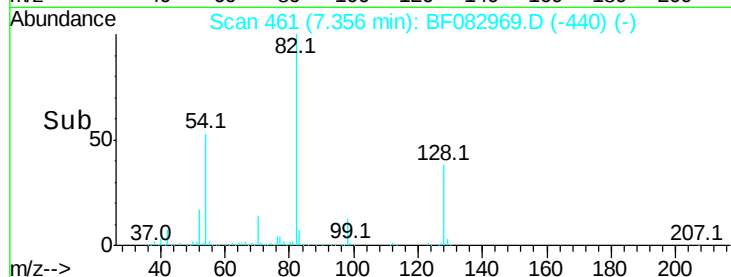
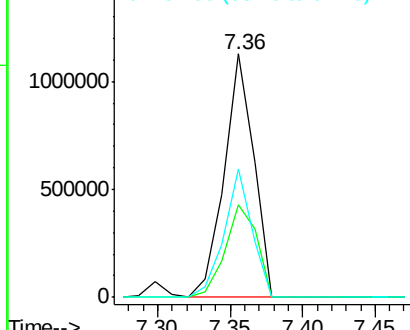
54 52.7 45.7 68.5

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.28 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

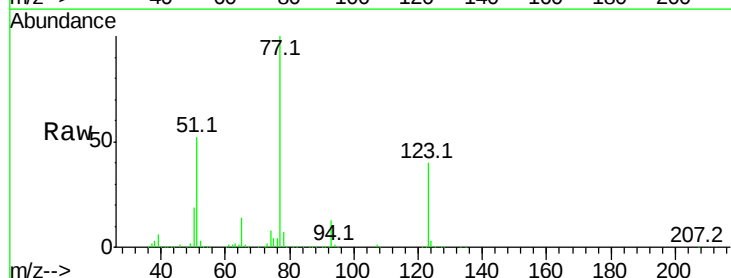
Tgt Ion: 77 Resp: 919783

Ion Ratio Lower Upper

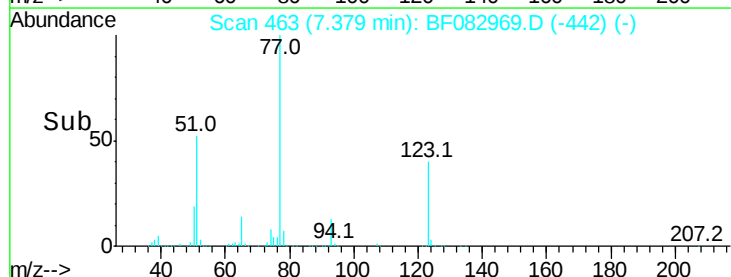
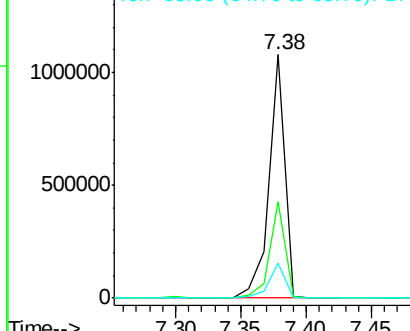
77 100

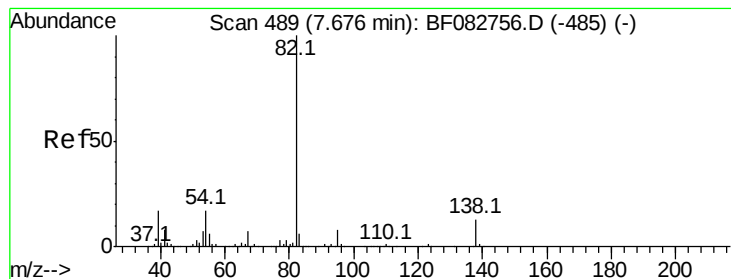
123 39.7 36.4 54.6

65 14.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.17 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1574802

Ion Ratio Lower Upper

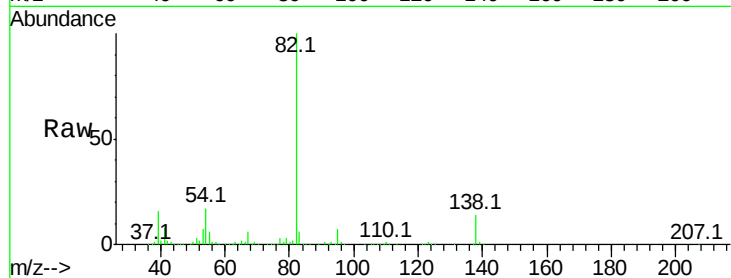
82 100

95 7.2 6.6 9.8

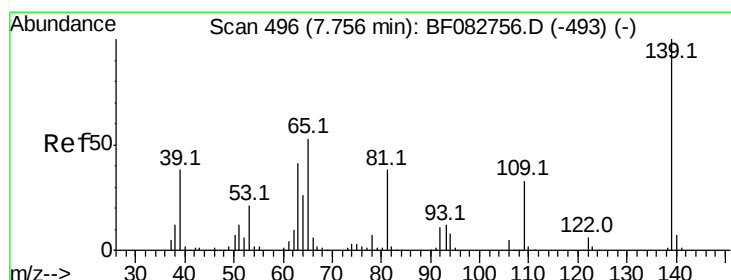
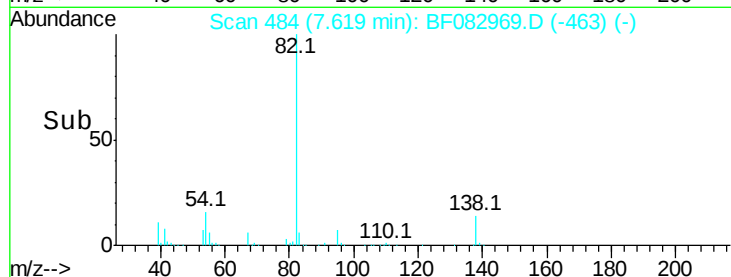
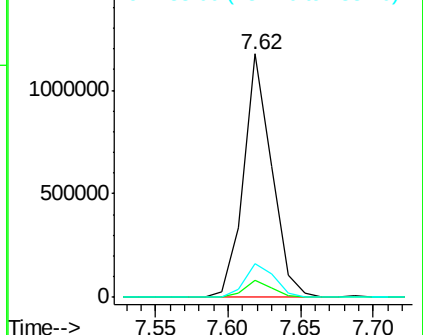
138 14.0 11.4 17.0

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



#26

2-Nitrophenol

Concen: 37.49 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

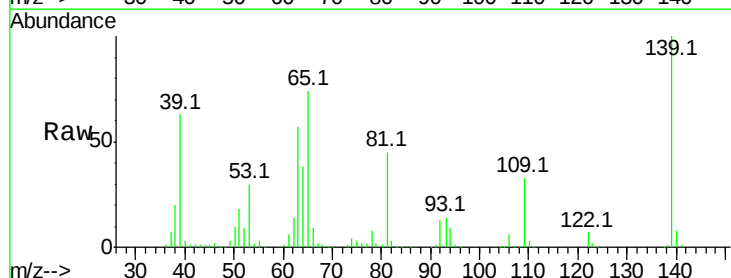
Tgt Ion: 139 Resp: 366429

Ion Ratio Lower Upper

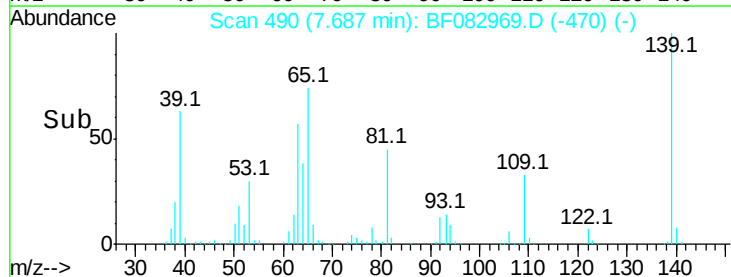
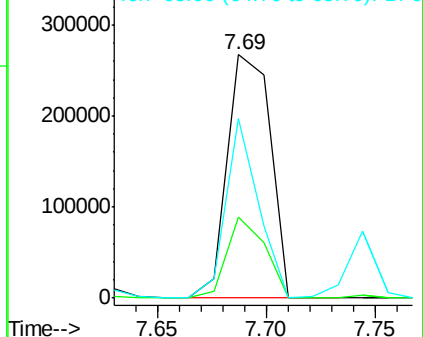
139 100

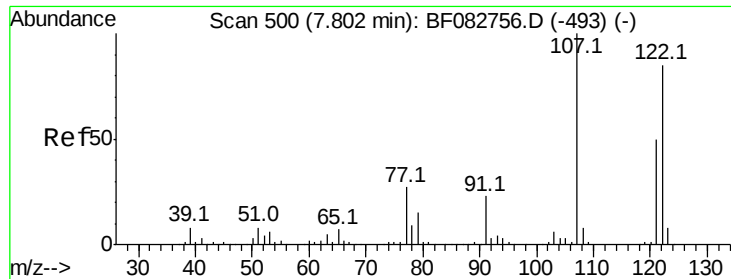
109 33.5 37.6 56.4#

65 73.8 70.6 105.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.21 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

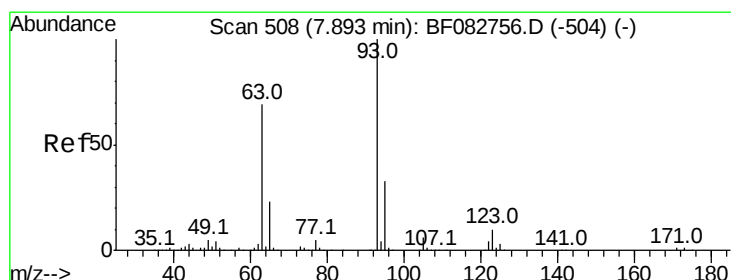
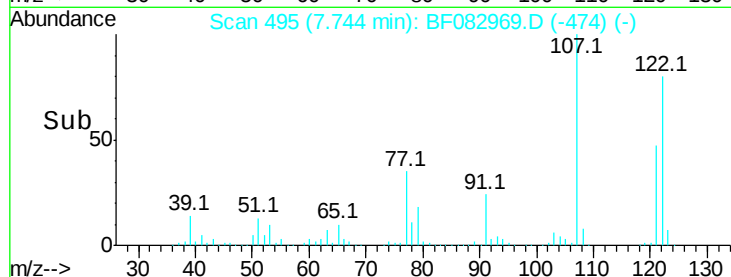
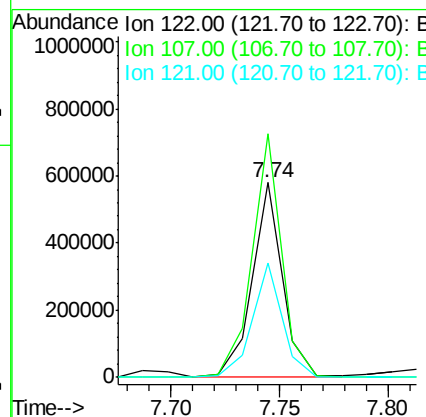
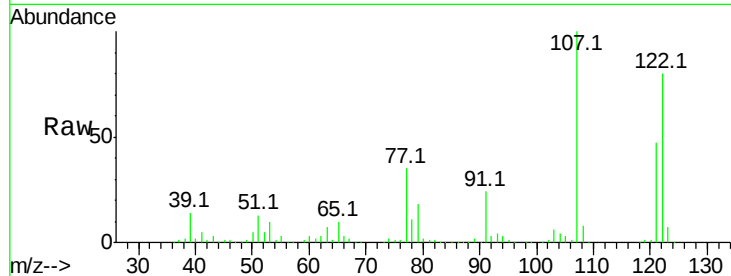
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	565729
Ion Ratio	Lower	Upper	
122	100		
107	125.0	106.0	159.0
121	58.7	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.68 ng

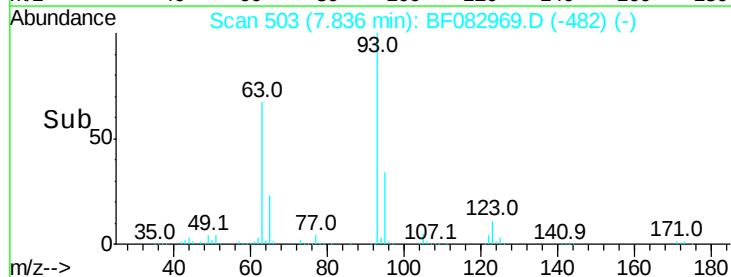
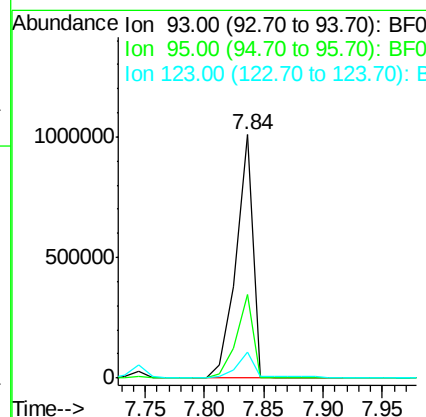
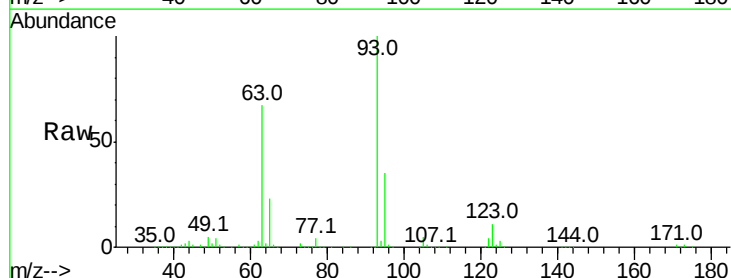
RT: 7.84 min Scan# 503

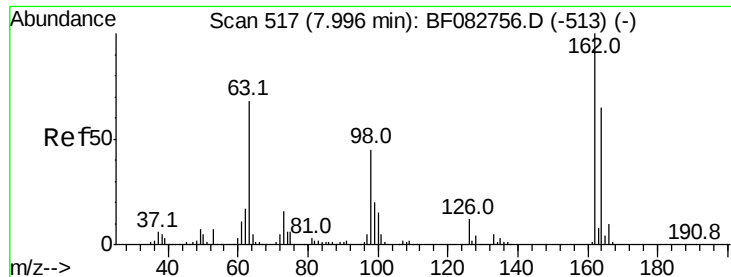
Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	93	Resp:	995967
Ion Ratio	Lower	Upper	
93	100		
95	34.5	26.6	40.0
123	10.7	9.7	14.5





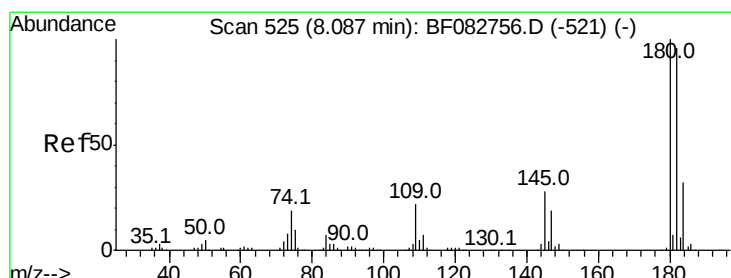
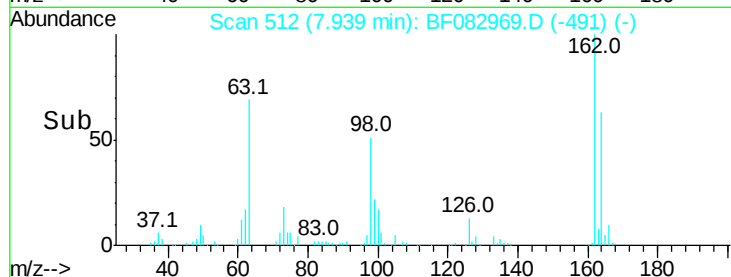
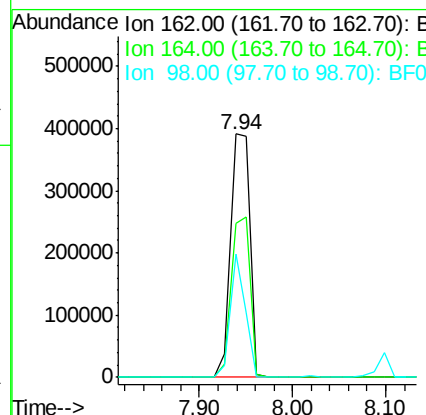
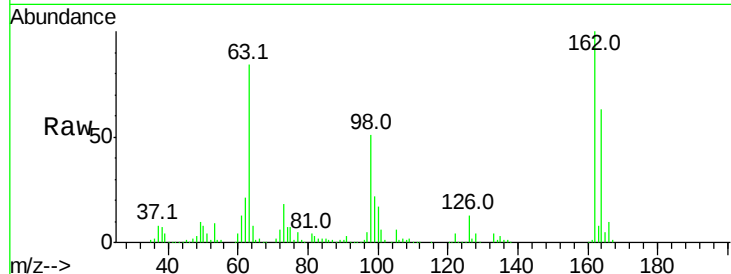
#29
2,4-Dichlorophenol
Concen: 35.70 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	46.8	86.8
98	50.6	12.5	52.5

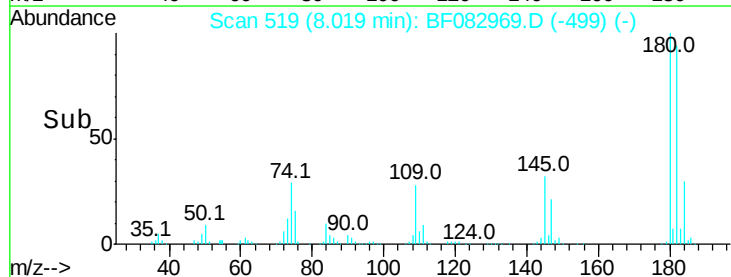
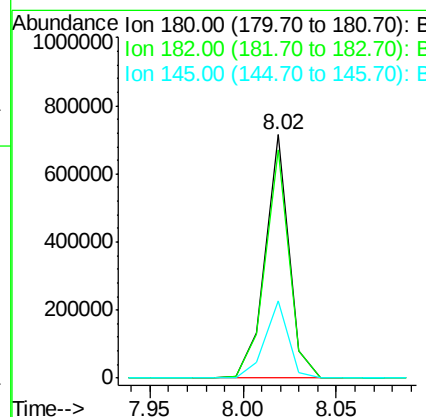
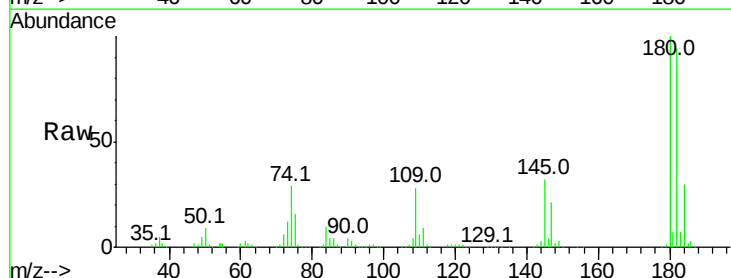
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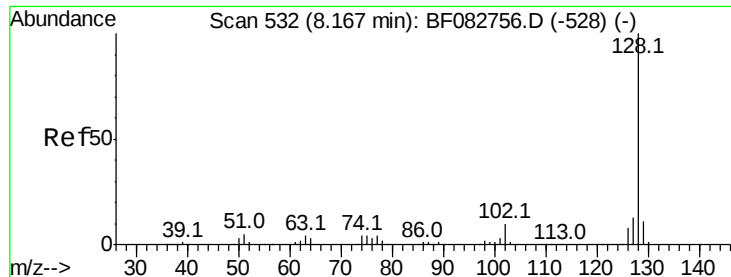
mmdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 35.92 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	74.9	112.3
145	31.9	27.8	41.8





#31

Naphthalene

Concen: 34.47 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1895034

Ion Ratio Lower Upper

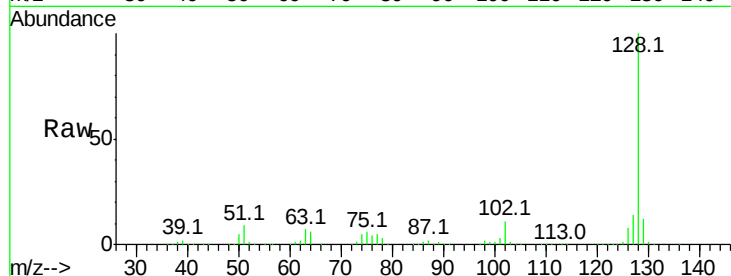
128 100

129 12.4 9.5 14.3

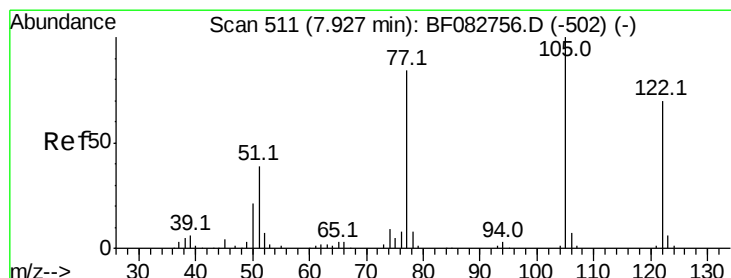
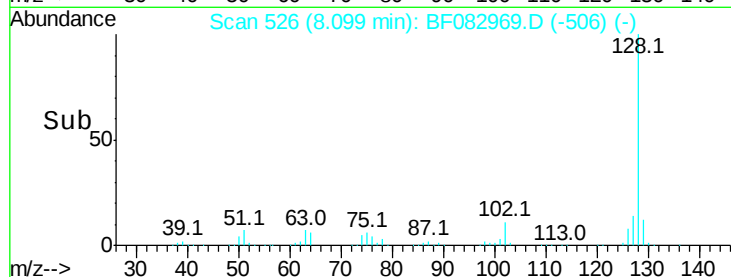
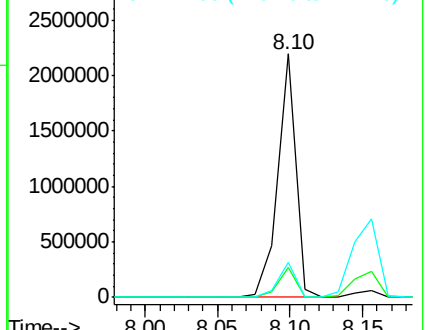
127 14.5 11.4 17.0

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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: 32.55 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

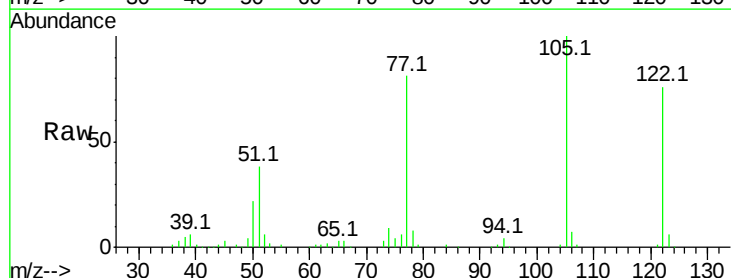
Tgt Ion:122 Resp: 391375

Ion Ratio Lower Upper

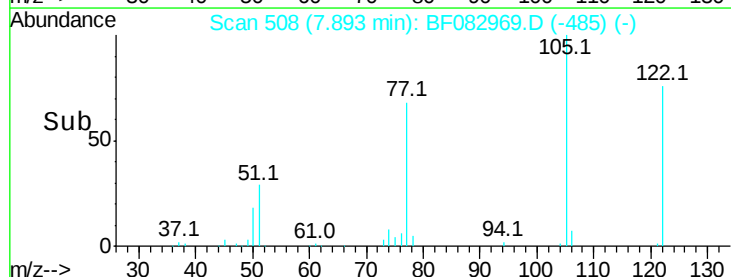
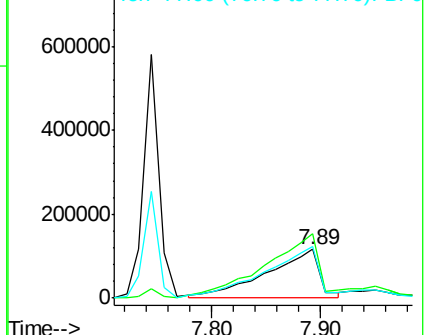
122 100

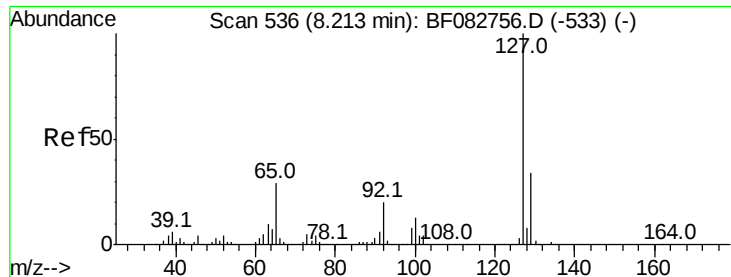
105 131.6 122.6 162.6

77 106.0 100.9 140.9



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





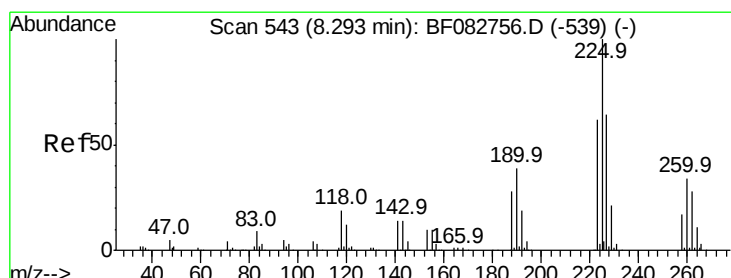
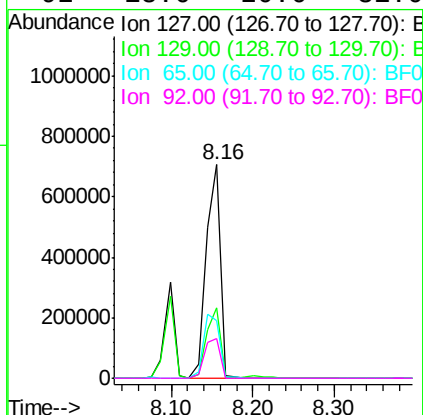
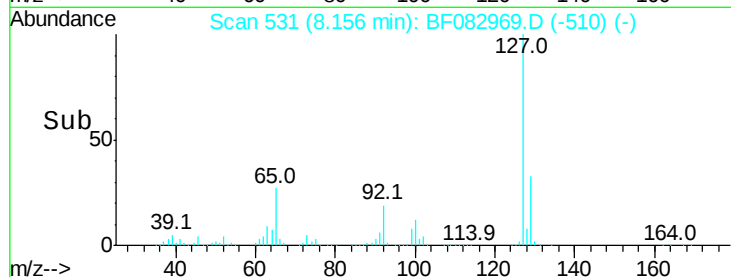
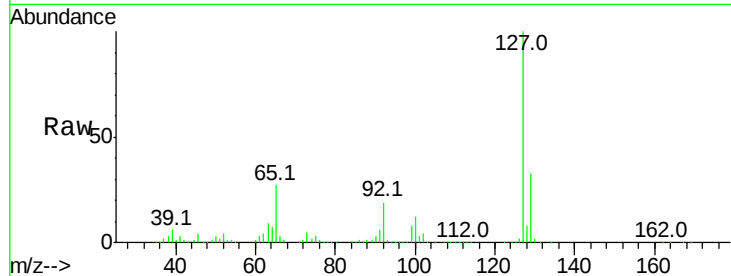
#33
4-Chloroaniline
Concen: 36.89 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	27.0	37.8	56.8		
92	18.6	20.6	31.0		

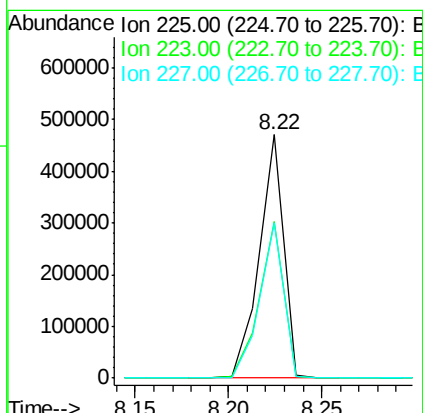
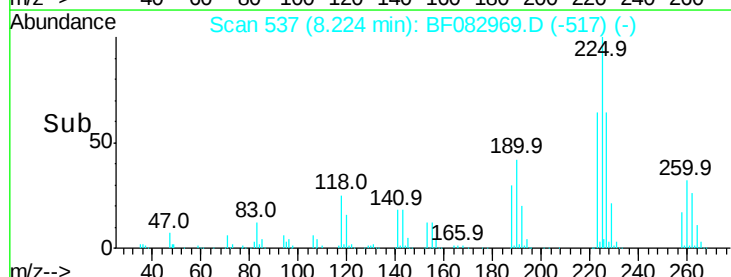
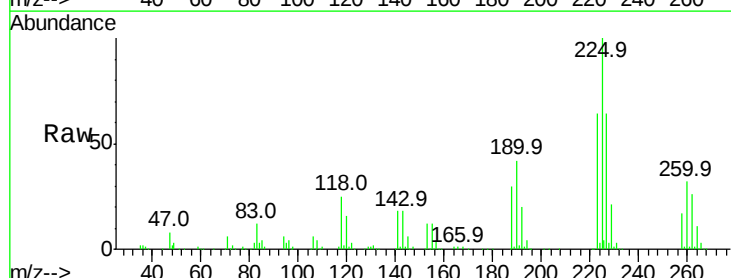
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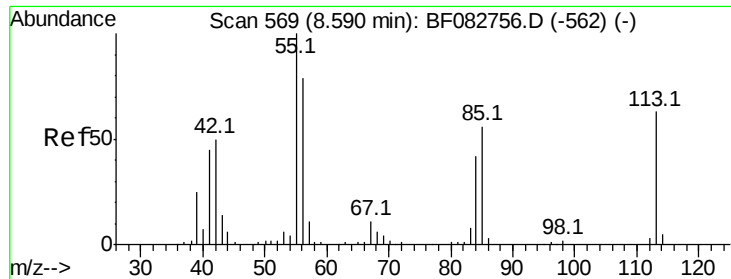
mmdadoda
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#34
Hexachlorobutadiene
Concen: 37.71 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.5	75.7		
227	63.7	50.2	75.2		





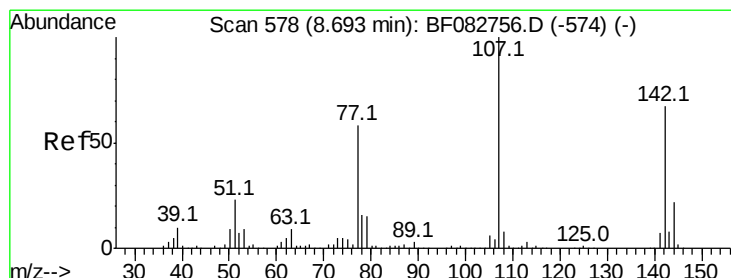
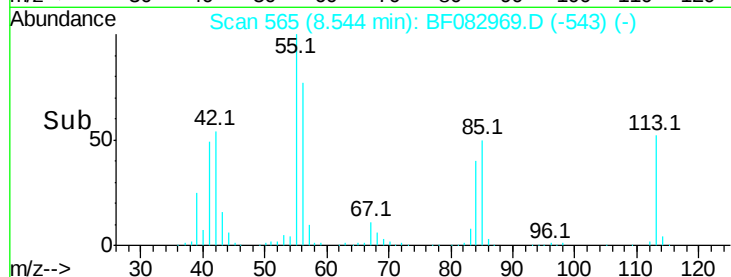
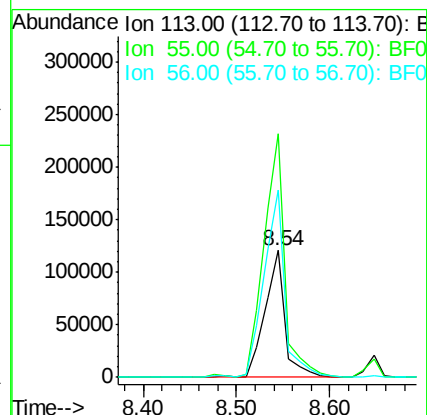
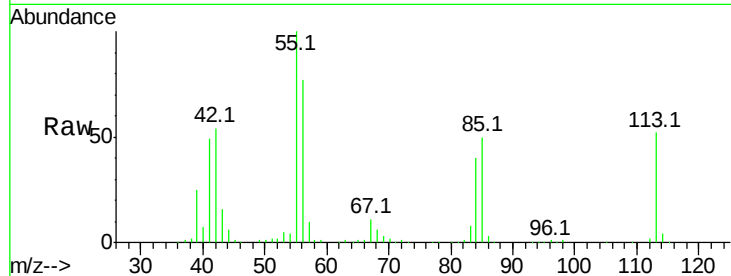
#35
Caprolactam
Concen: 36.34 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.0	195.5	235.5#
56	147.6	153.5	193.5#

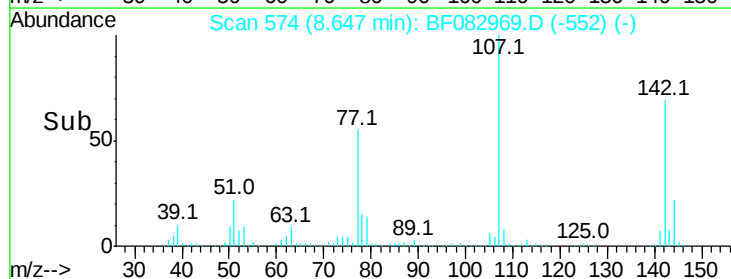
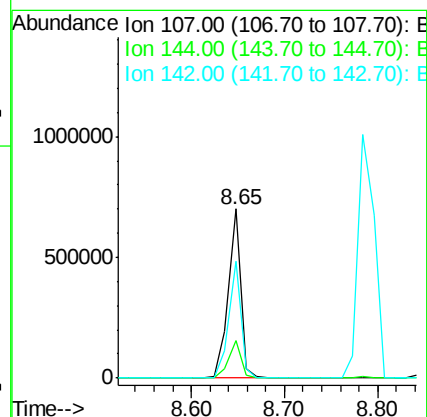
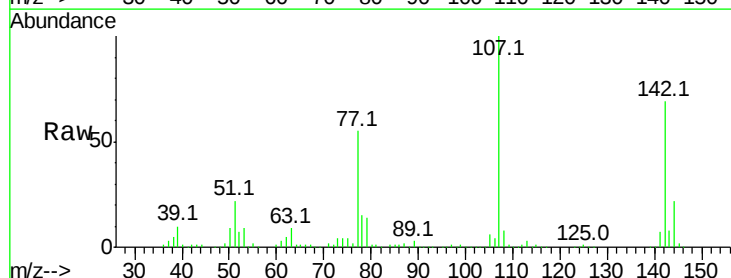
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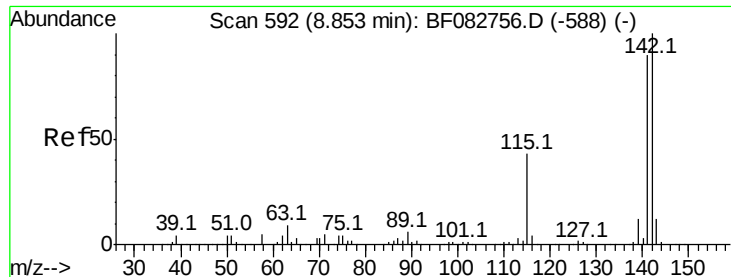
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#36
4-Chloro-3-methylphenol
Concen: 34.80 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	15.4	23.0
142	69.1	47.8	71.8





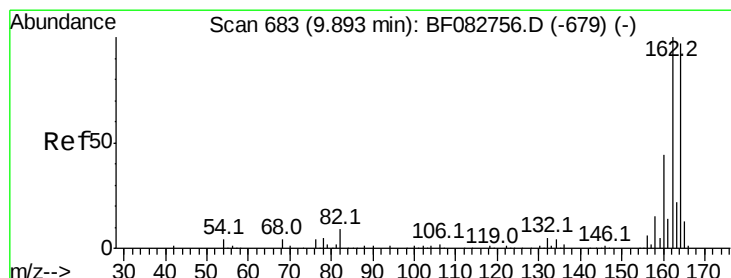
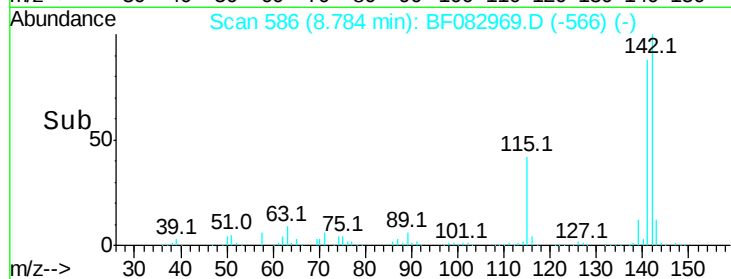
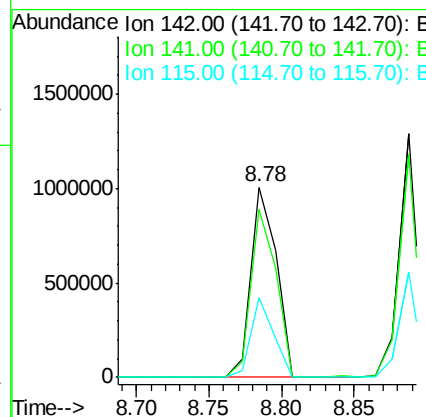
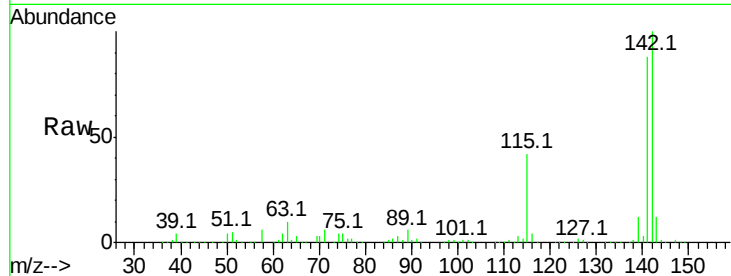
#37
2-Methylnaphthalene
Concen: 34.33 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	41.9	38.1	57.1

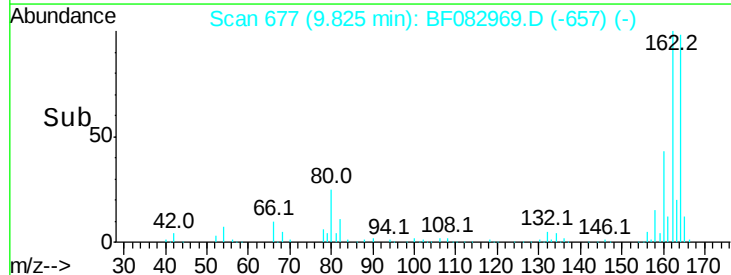
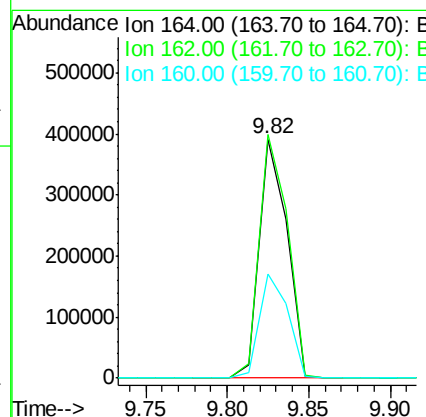
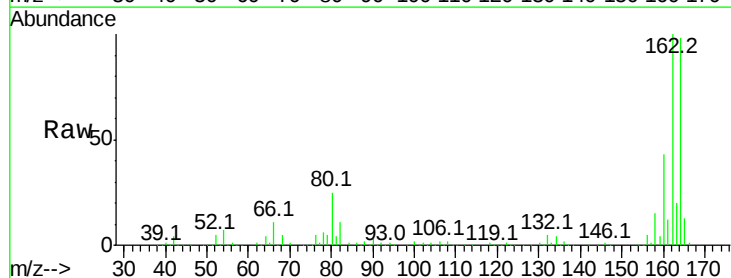
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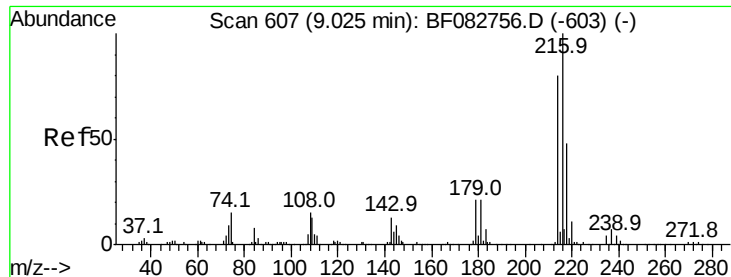
mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	43.5	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.91 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

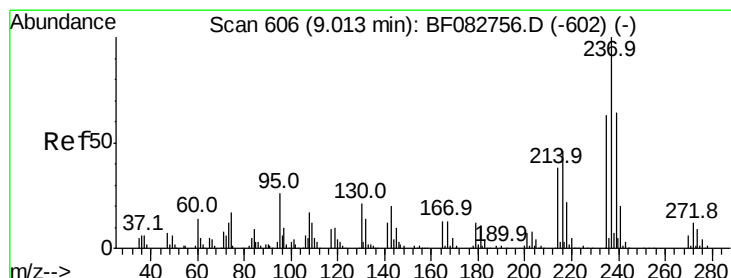
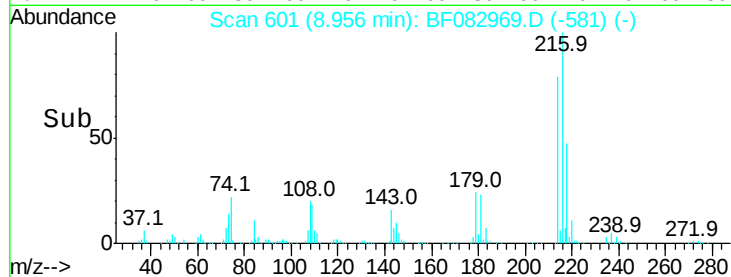
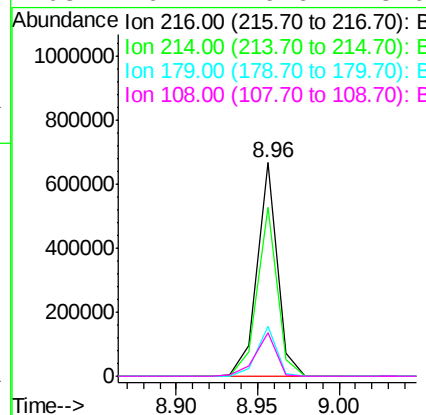
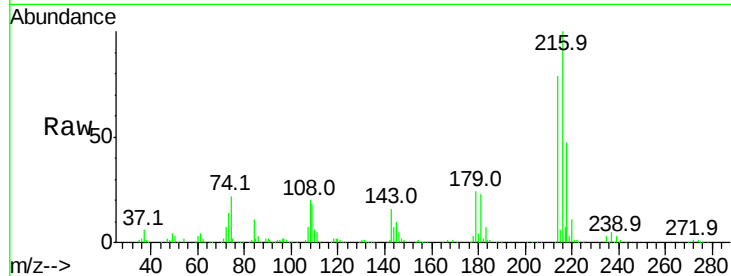
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.2	93.2	
179	22.8	18.1	27.1	
108	20.7	16.6	25.0	



#40

Hexachlorocyclopentadiene

Concen: 15.27 ng

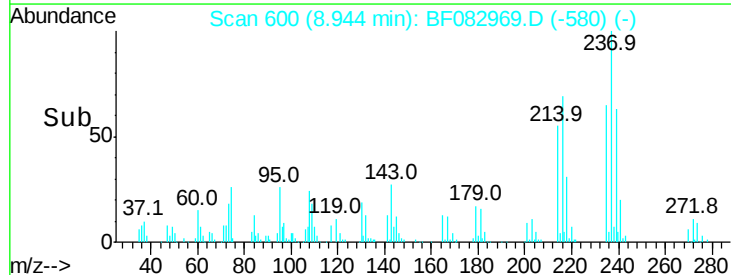
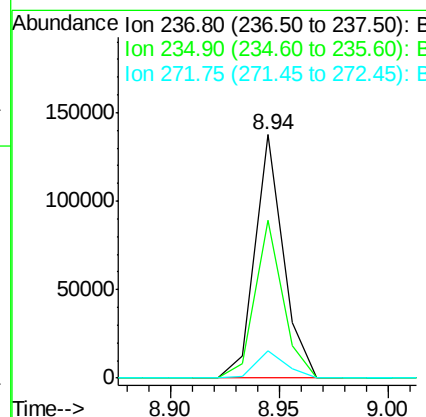
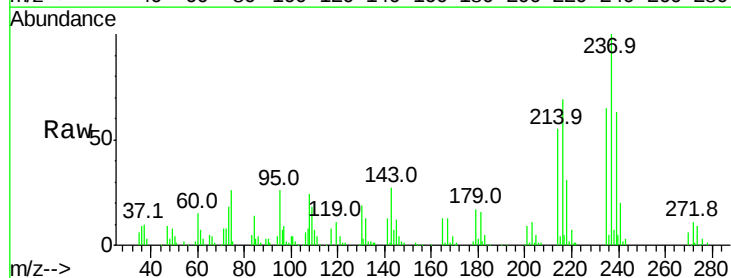
RT: 8.94 min Scan# 600

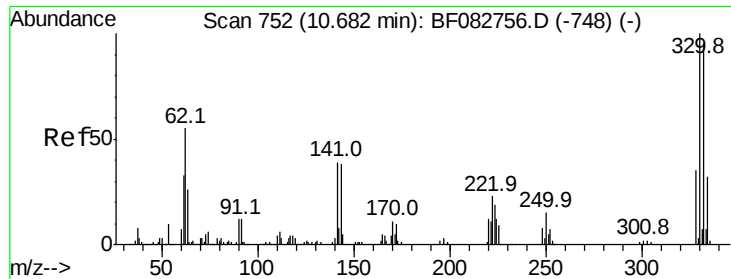
Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.0	44.3	84.3	
272	11.1	0.0	31.9	





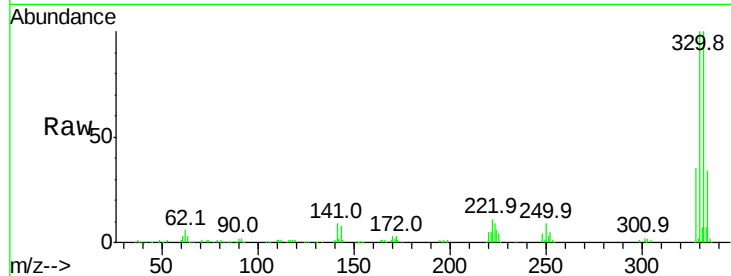
#41
 2,4,6-Tribromophenol
 Concen: 66.08 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

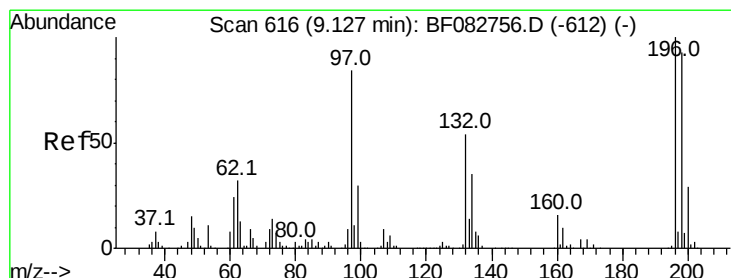
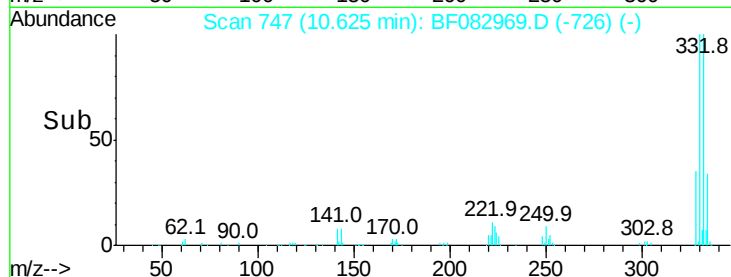
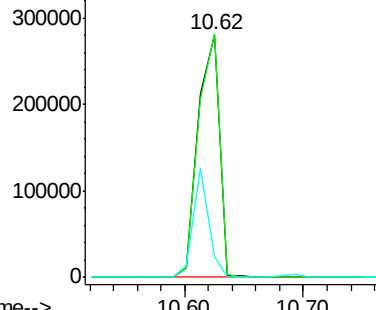
Tot Ion	Ratio	Resp	Lower	Upper
330	100	350229		
332	99.4	76.6	114.8	
141	32.6	41.2	61.8#	

Manual Integrations
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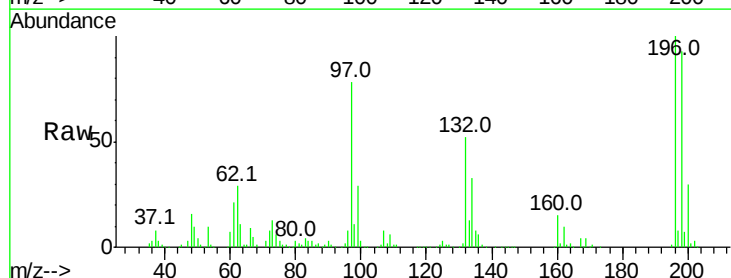


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

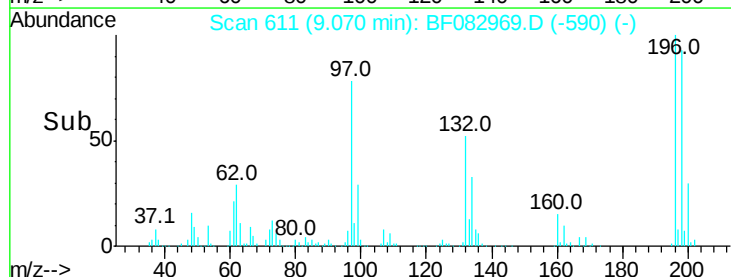
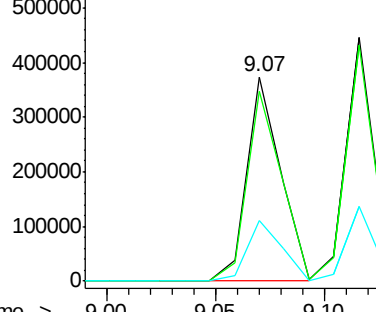


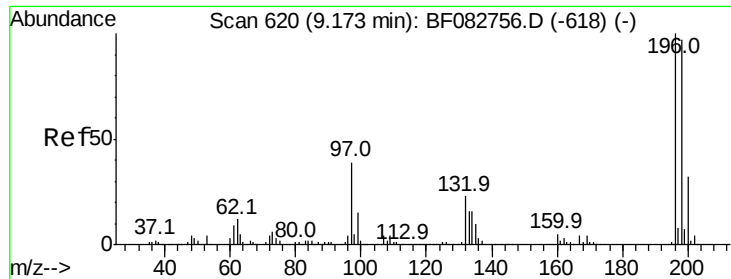
#42
 2,4,6-Trichlorophenol
 Concen: 36.03 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	408570		
198	93.2	76.3	114.5	
200	29.8	23.9	35.9	



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





#43

2,4,5-Trichlorophenol

Concen: 36.75 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:196 Resp: 412088

Ion Ratio Lower Upper

196 100

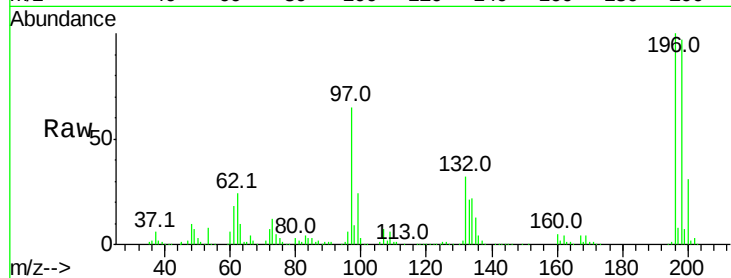
198 96.9 75.8 113.8

97 65.0 62.3 93.5

132 32.5 27.4 41.2

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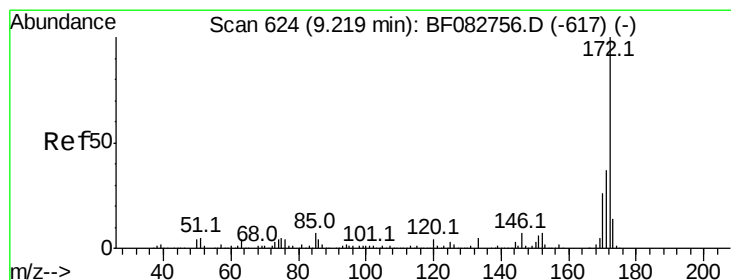
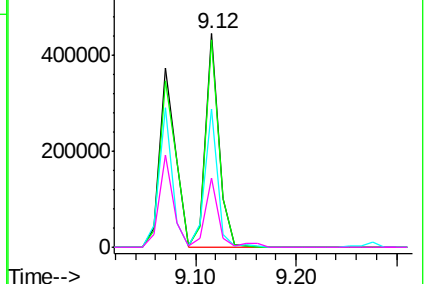
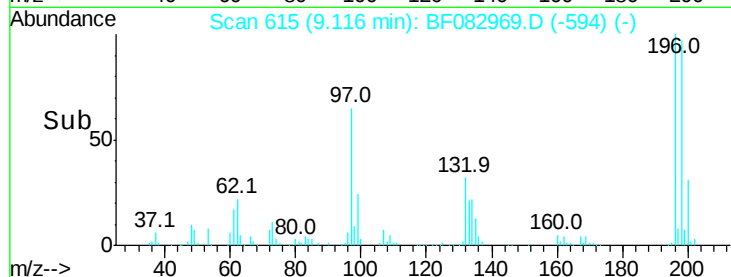


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 80.62 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

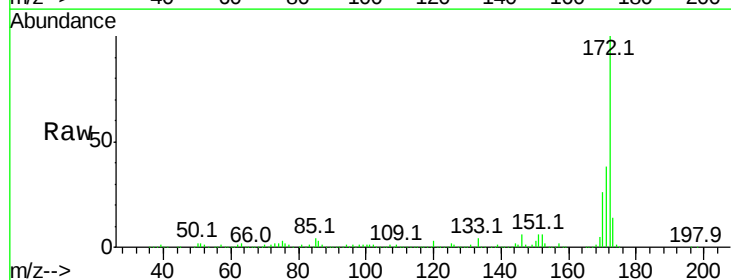
Tgt Ion:172 Resp: 2600093

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

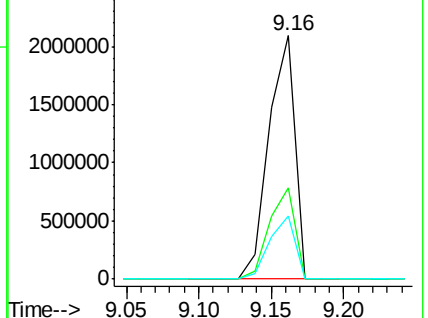
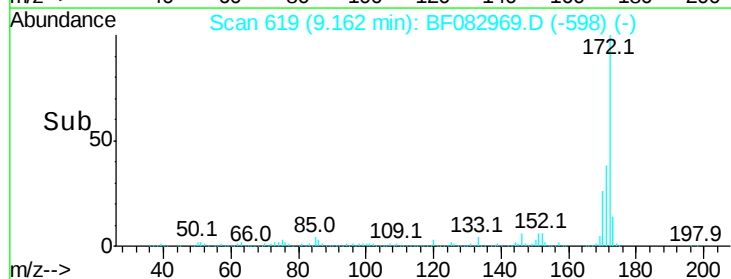
170 25.8 21.2 31.8

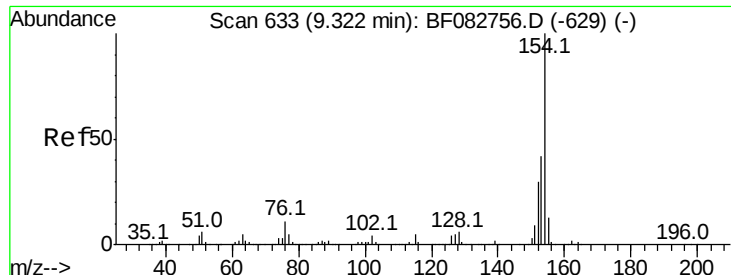


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.06 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1350901

Ion Ratio Lower Upper

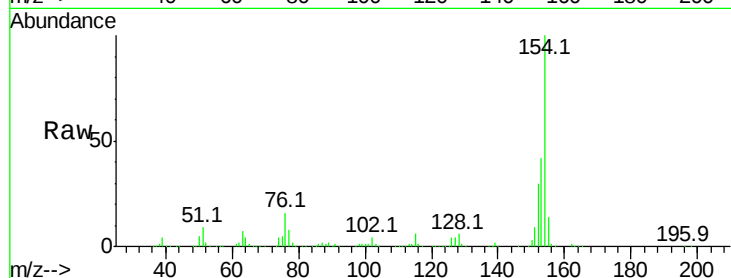
154 100

153 41.6 22.0 62.0

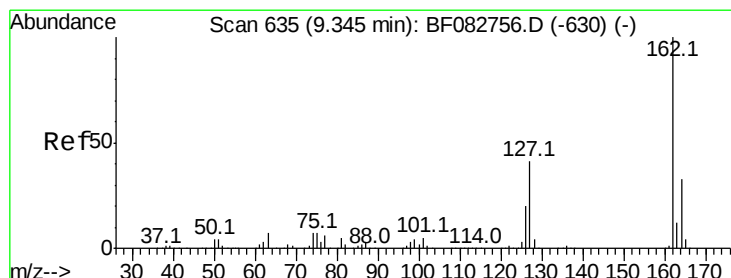
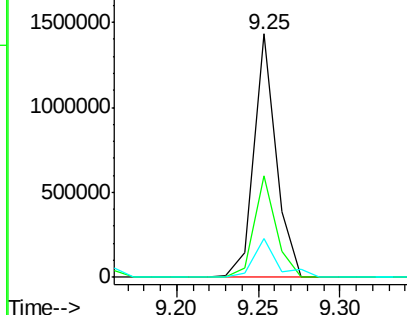
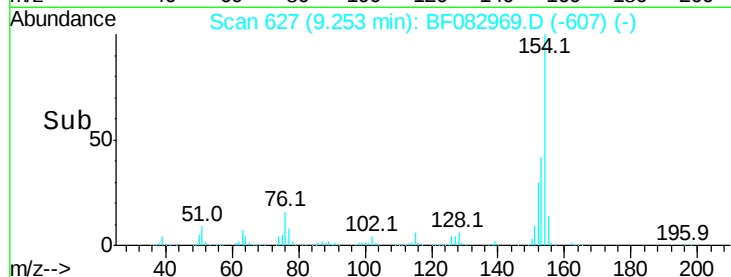
76 16.0 0.0 29.0

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



#46

2-Chloronaphthalene

Concen: 35.14 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

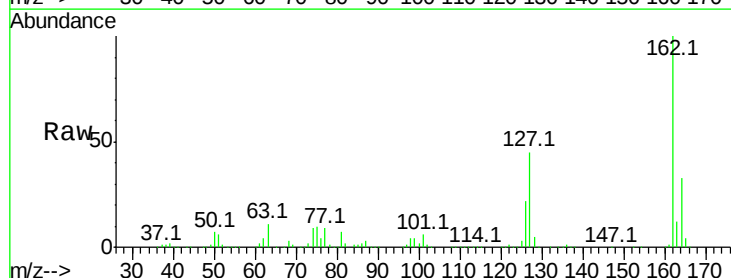
Tgt Ion:162 Resp: 1087385

Ion Ratio Lower Upper

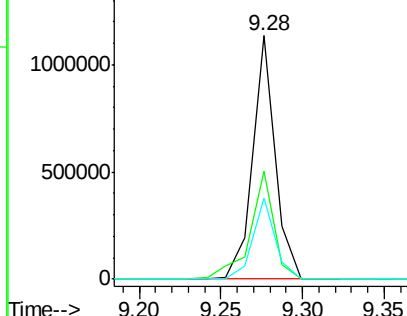
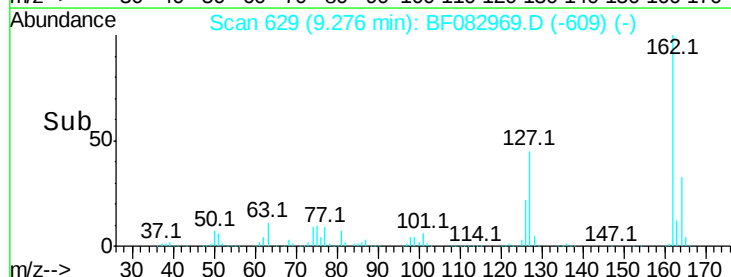
162 100

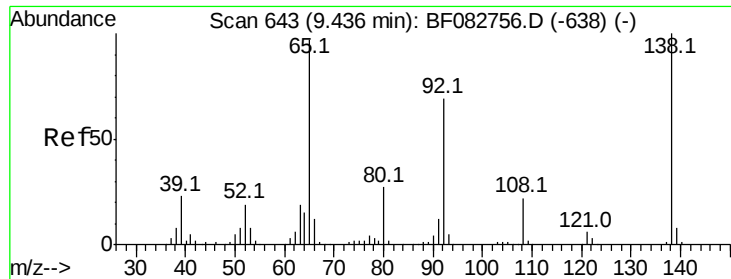
127 44.5 32.7 49.1

164 33.3 27.4 41.0



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





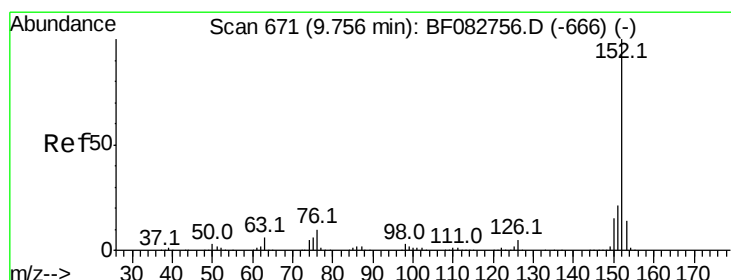
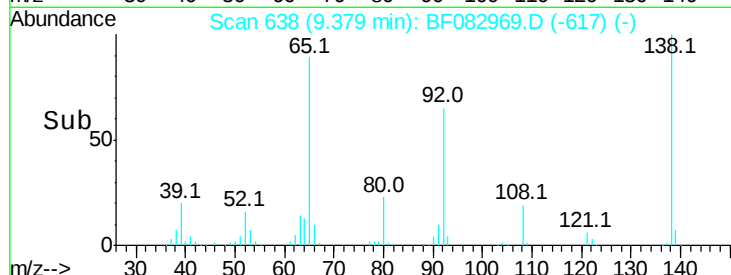
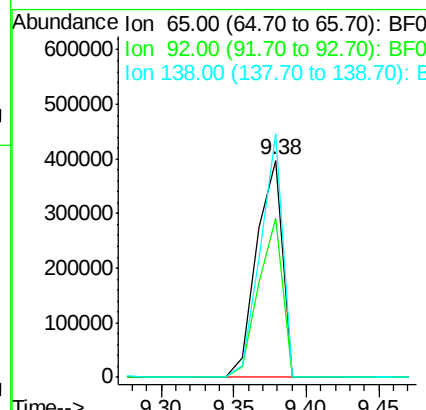
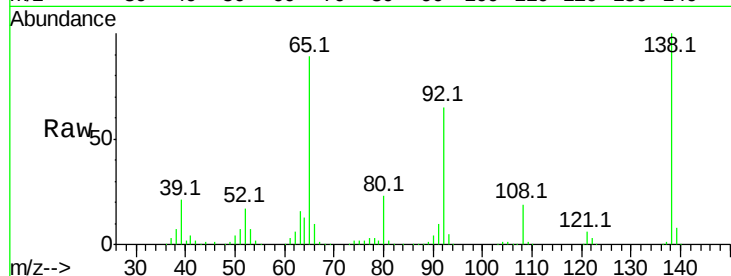
#47
 2-Nitroaniline
 Concen: 42.57 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	65	Resp:	488650
Ion Ratio	Lower	Upper	
65	100		
92	73.5	46.6	70.0#
138	112.3	54.6	81.8#

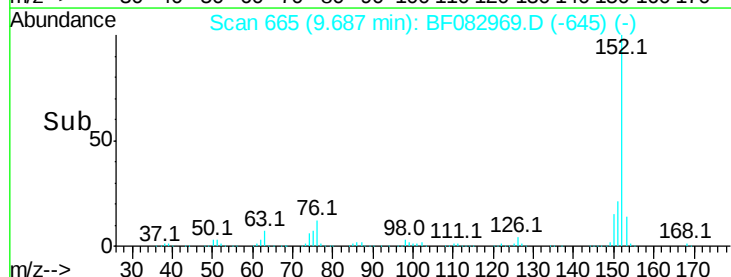
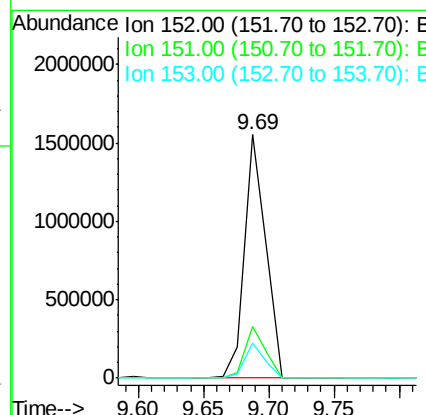
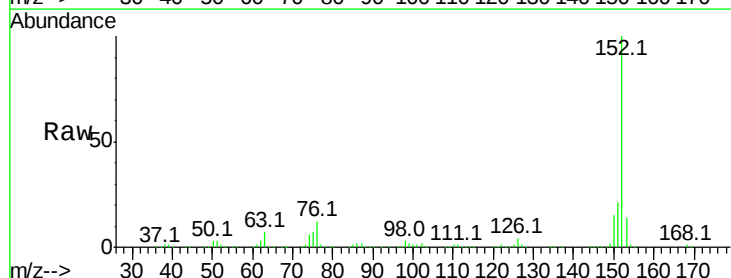
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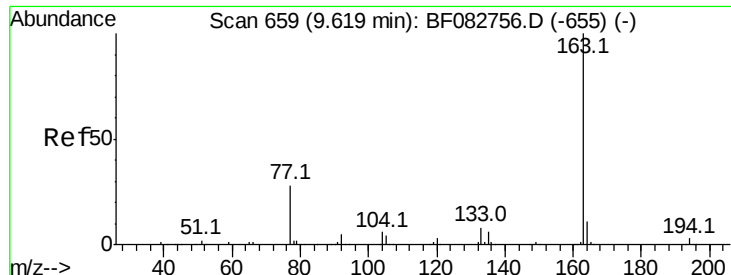
mmdadoda
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#48
 Acenaphthylene
 Concen: 35.54 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.07 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion:	152	Resp:	1723550
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.3	25.9
153	14.3	11.3	16.9





#49

Dimethylphthalate

Concen: 35.05 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:163 Resp: 1327577

Ion Ratio Lower Upper

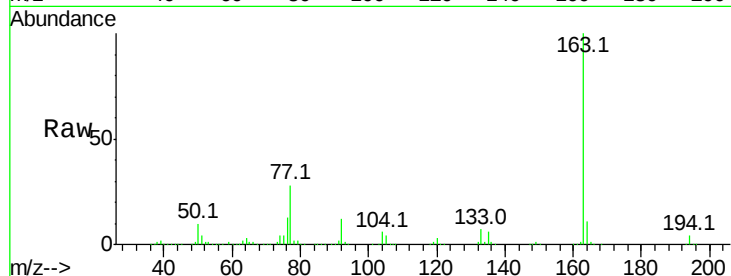
163 100

194 3.6 2.6 4.0

164 10.7 8.7 13.1

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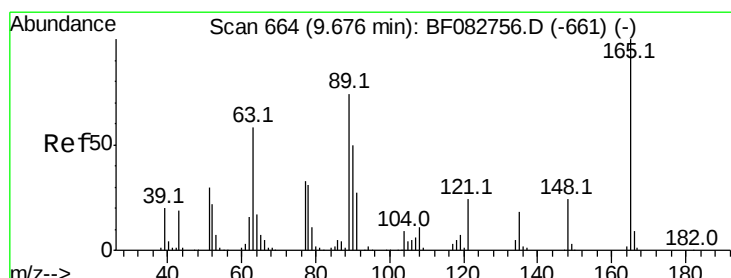
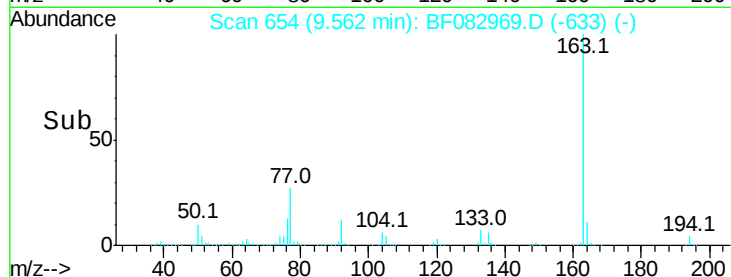
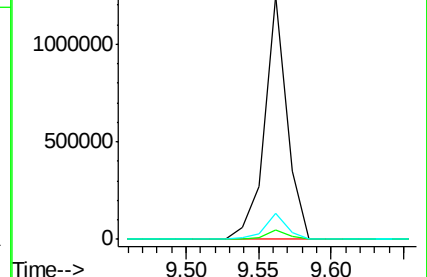
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.80 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

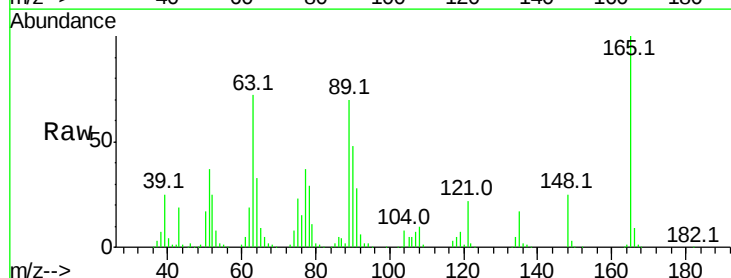
Tgt Ion:165 Resp: 281214

Ion Ratio Lower Upper

165 100

63 71.8 55.5 83.3

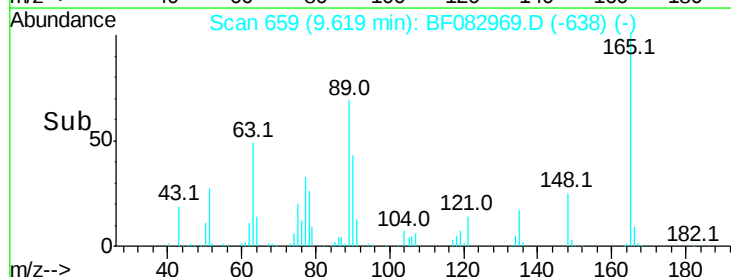
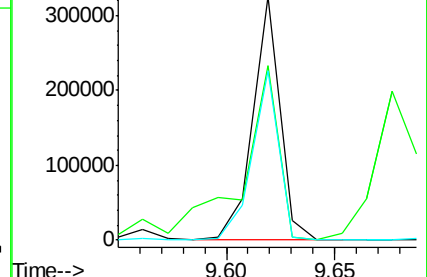
89 69.8 55.0 82.6

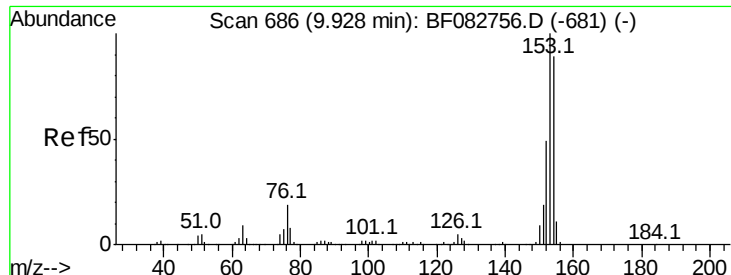


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.85 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1101668

Ion Ratio Lower Upper

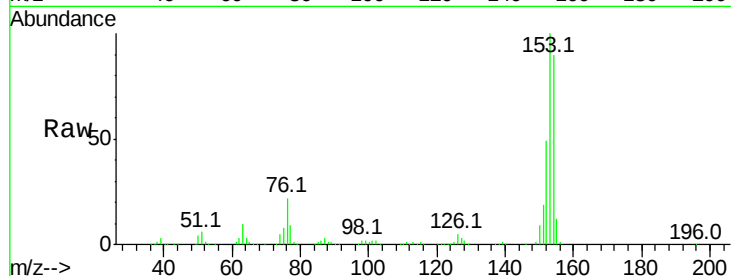
154 100

153 111.0 90.1 135.1

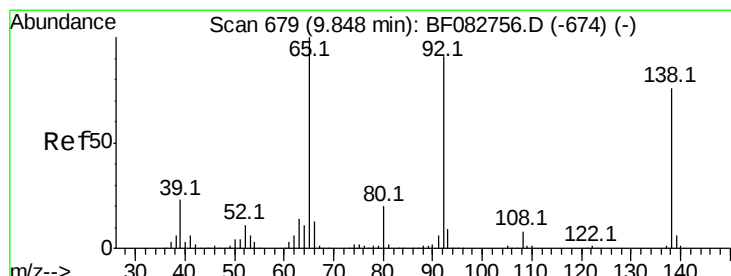
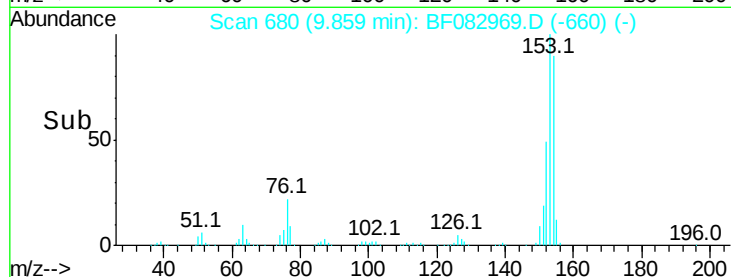
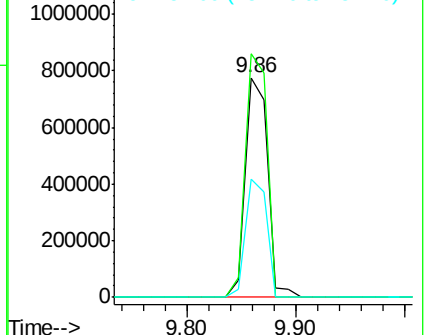
152 54.1 44.3 66.5

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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: 43.11 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:138 Resp: 383158

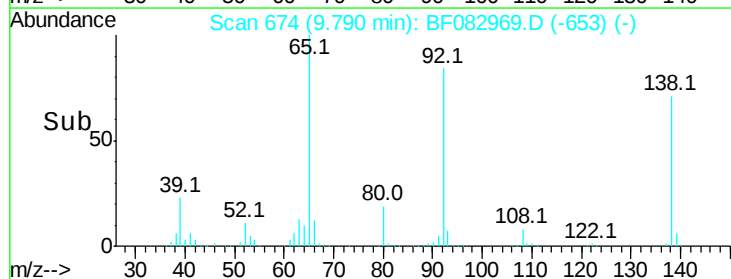
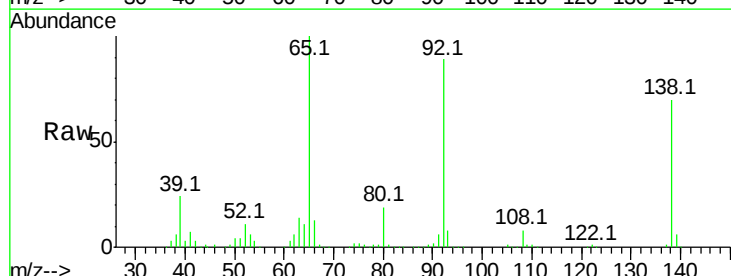
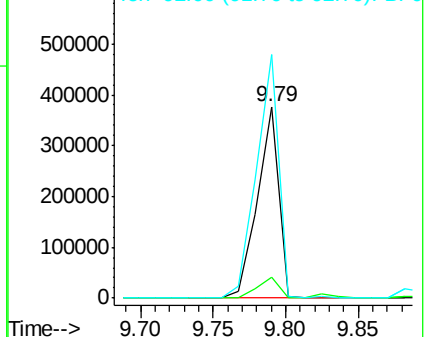
Ion Ratio Lower Upper

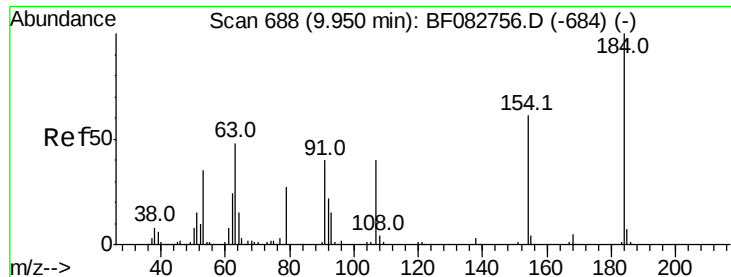
138 100

108 10.9 11.3 16.9#

92 127.2 122.4 183.6

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





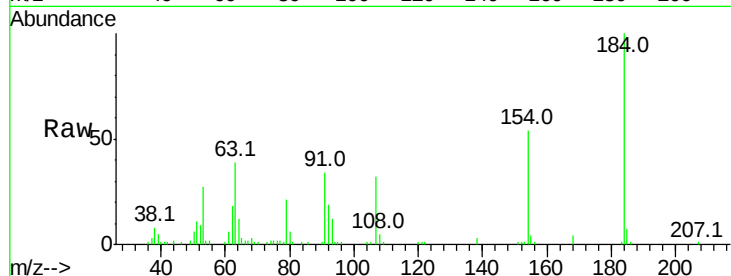
#53
2,4-Dinitrophenol
Concen: 16.74 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

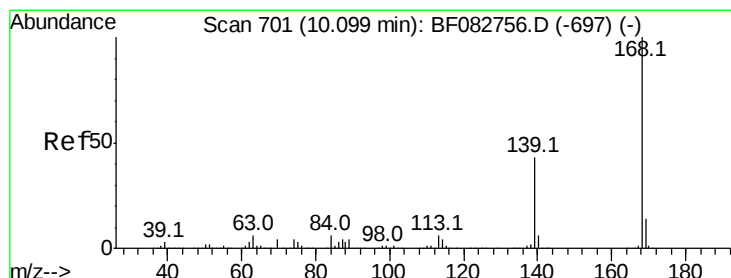
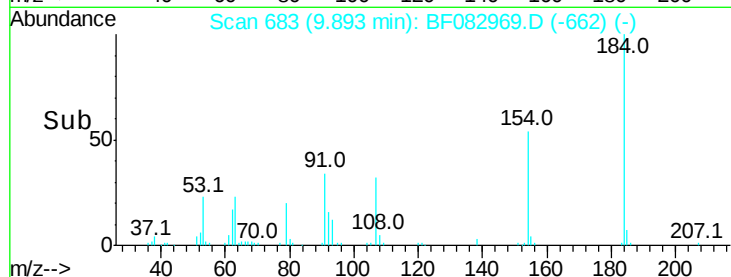
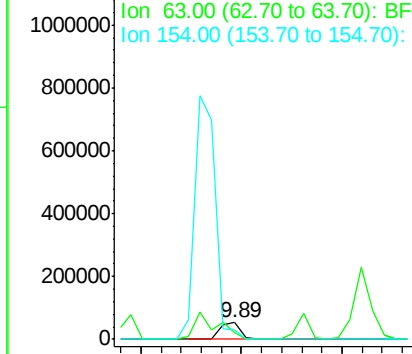
Tot Ion	Ratio	Lower	Upper
184	100		
63	39.2	98.6	148.0#
154	53.7	183.9	275.9#

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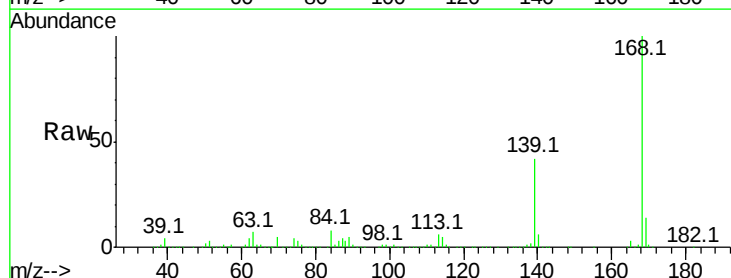


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

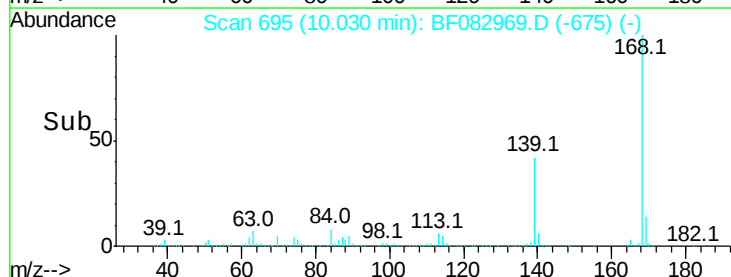
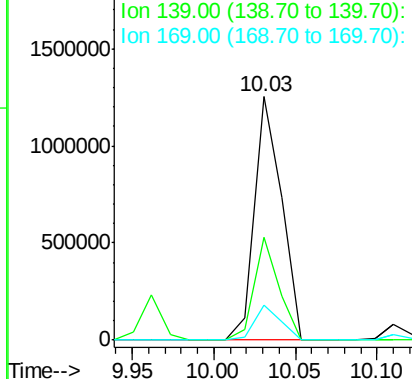


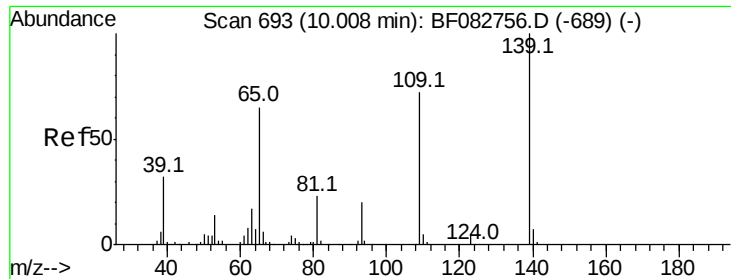
#54
Dibenzofuran
Concen: 34.90 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	37.8	56.6
169	14.1	11.3	16.9



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





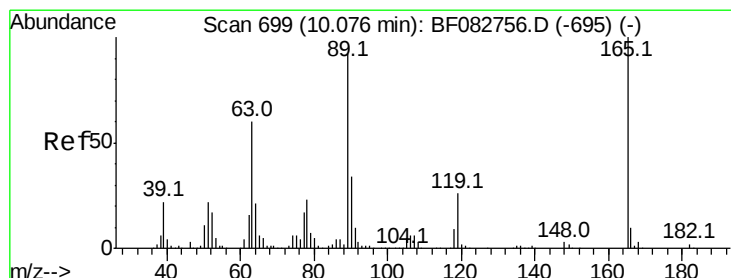
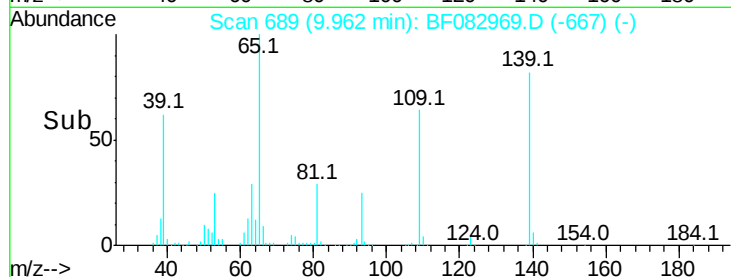
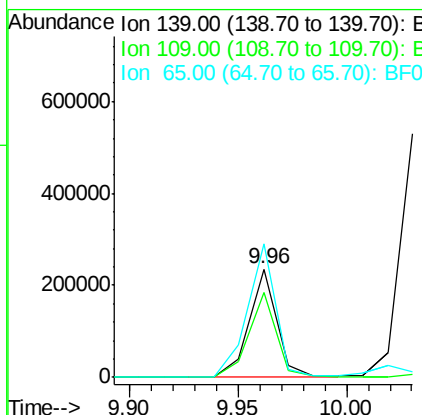
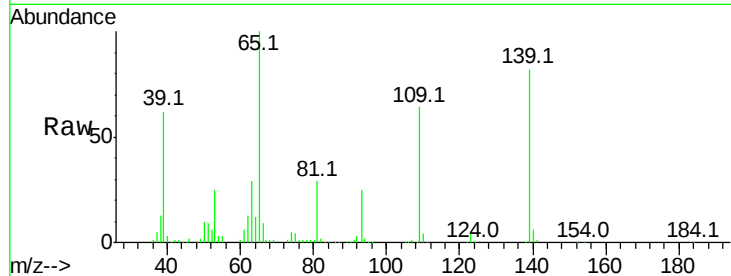
#55
4-Nitrophenol
Concen: 31.01 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.4	73.7	113.7
65	122.7	82.9	122.9

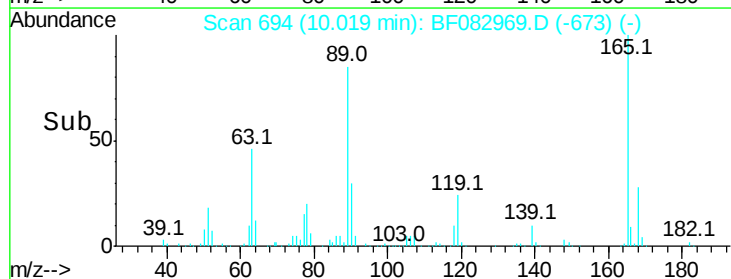
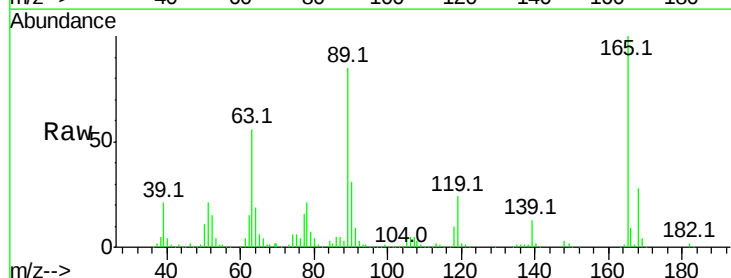
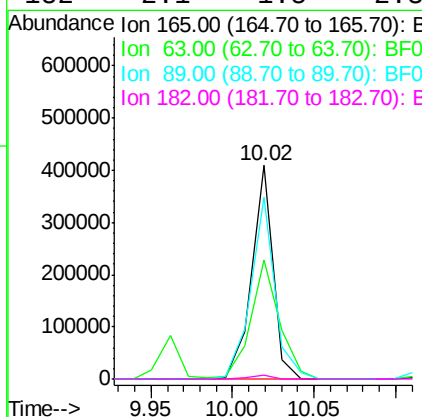
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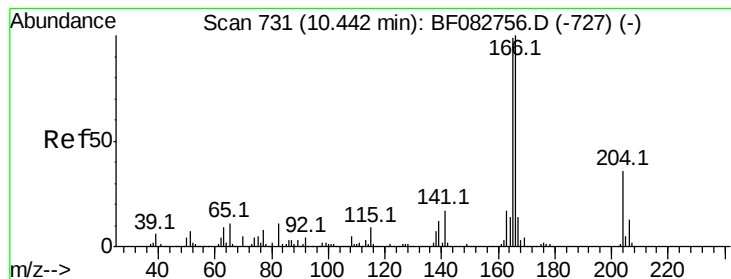
mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 33.83 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	43.4	65.0
89	85.3	70.6	106.0
182	2.1	1.5	2.3





#57

Fluorene

Concen: 32.02 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1074351

Ion Ratio Lower Upper

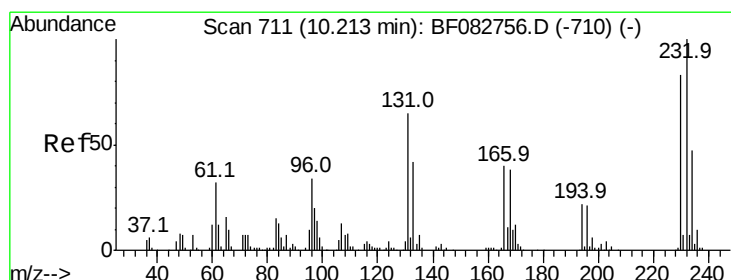
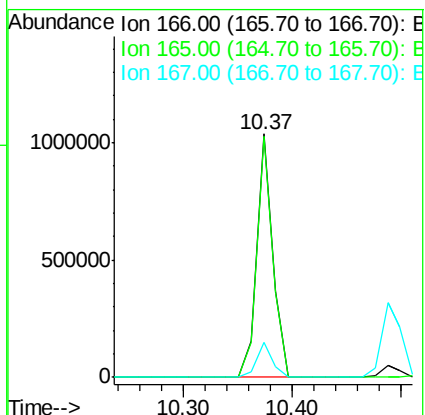
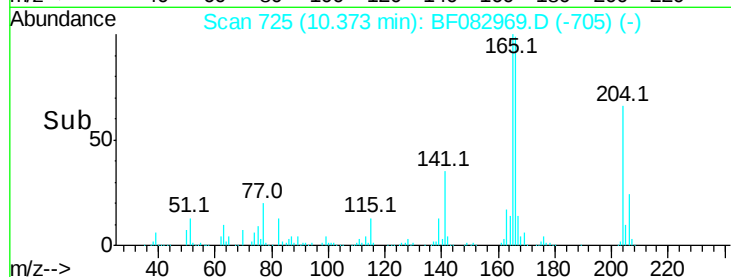
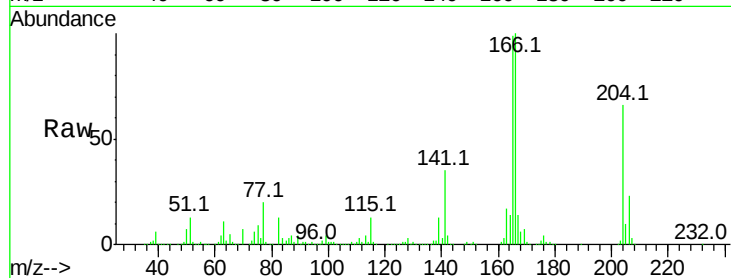
166 100

165 99.2 80.2 120.4

167 14.4 11.2 16.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.38 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.06 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:232 Resp: 314655

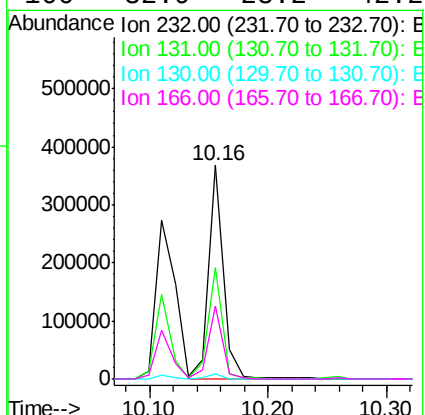
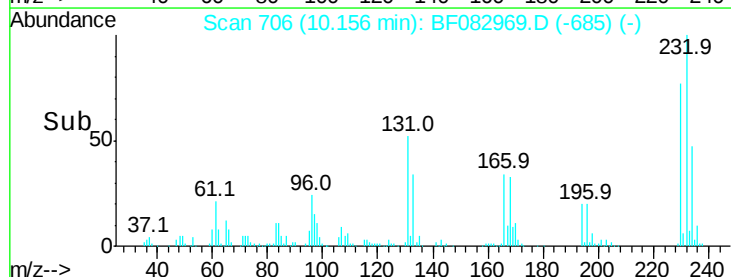
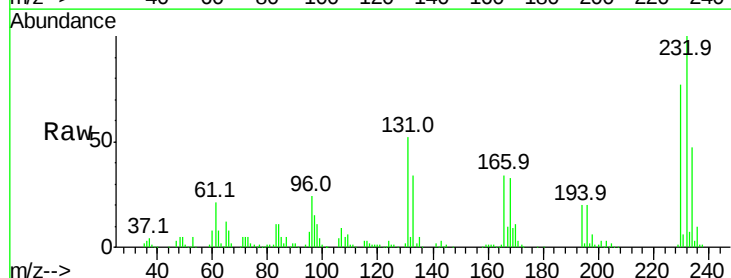
Ion Ratio Lower Upper

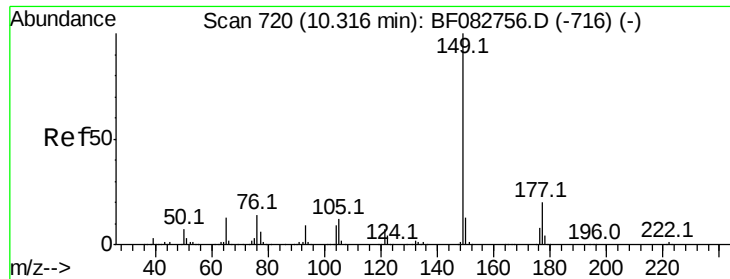
232 100

131 50.6 46.2 69.2

130 2.3 2.4 3.6#

166 32.9 28.2 42.2





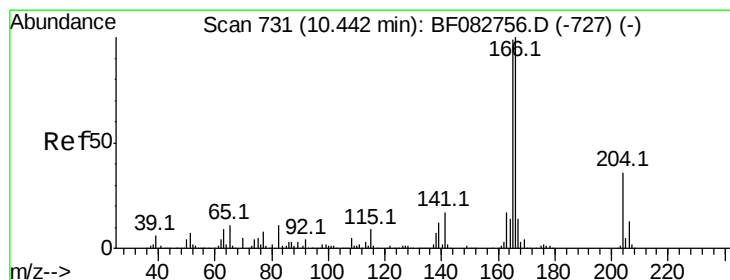
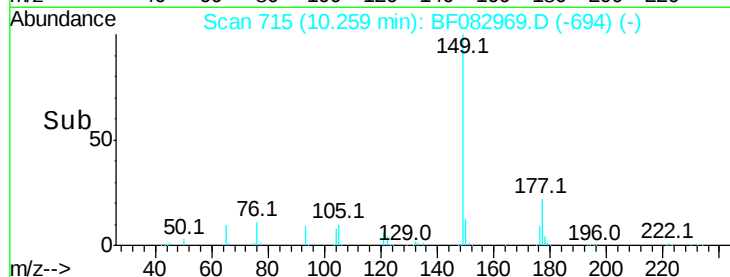
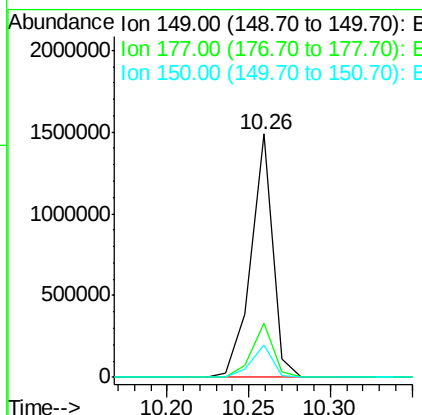
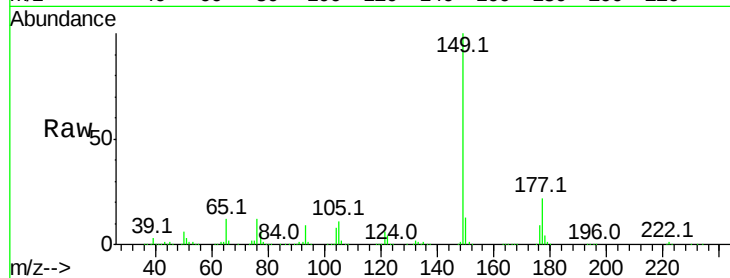
#59
Diethylphthalate
Concen: 37.40 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	13.4	10.1	15.1

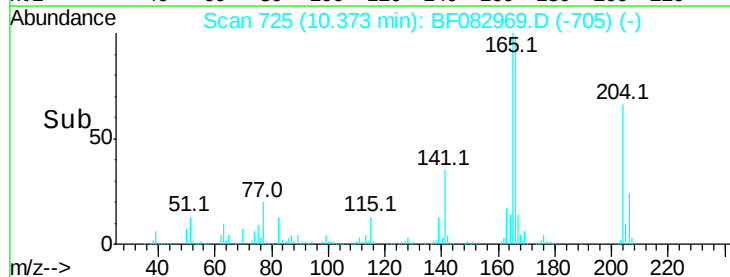
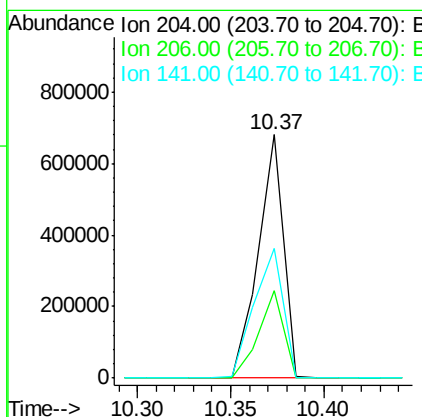
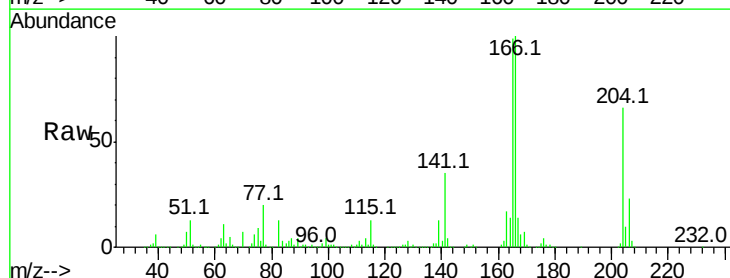
Manual Integrations
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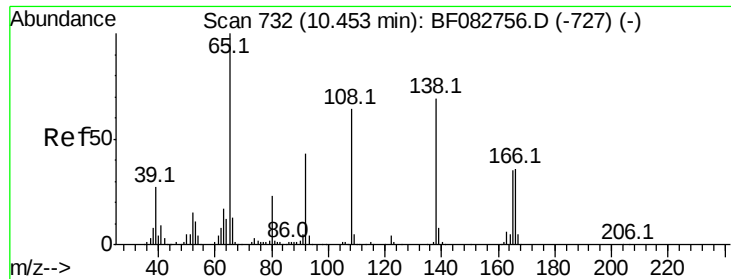
mmdadoda
11/17/2015 5:56:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.57 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	53.3	44.6	66.8





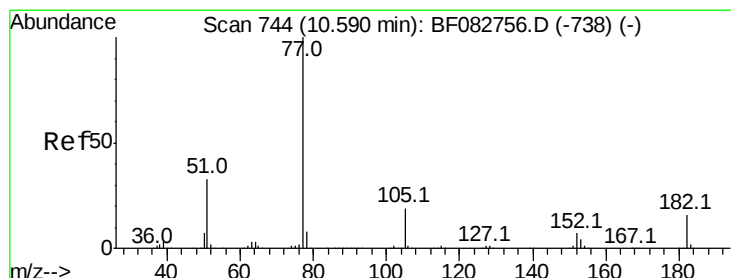
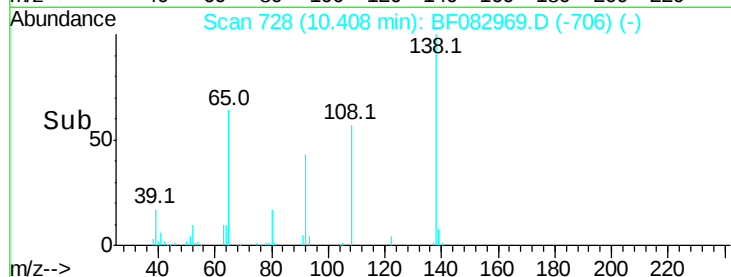
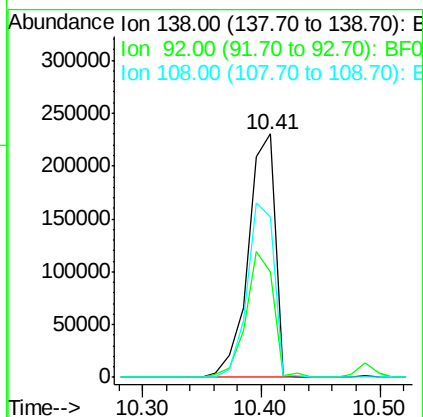
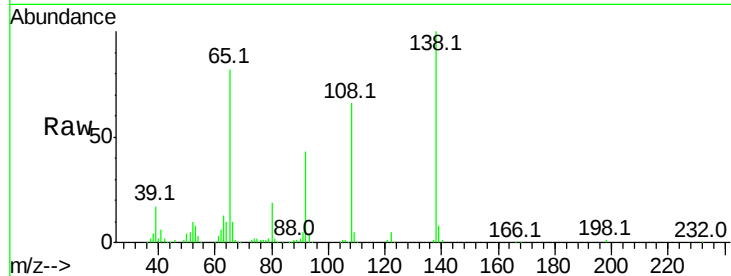
#61
4-Nitroaniline
Concen: 40.90 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	45.8	85.8#
108	66.0	89.4	129.4#

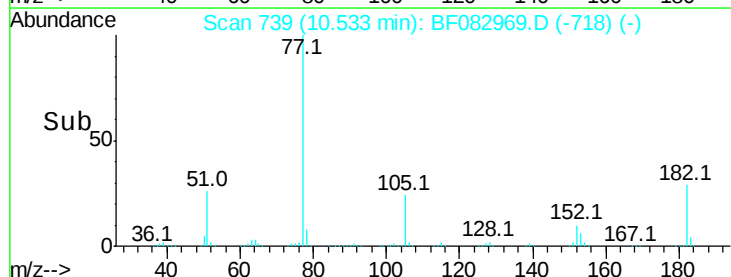
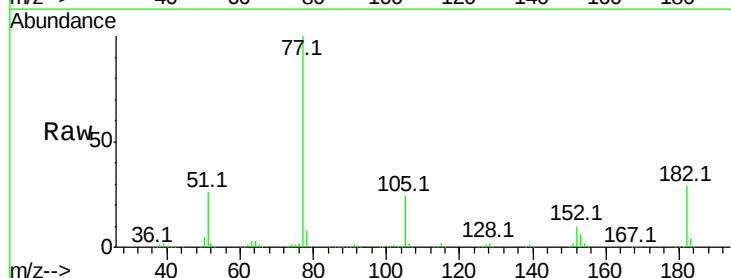
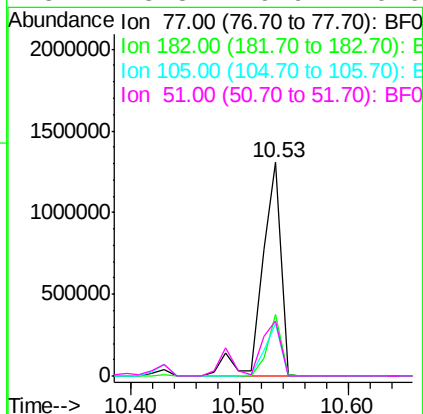
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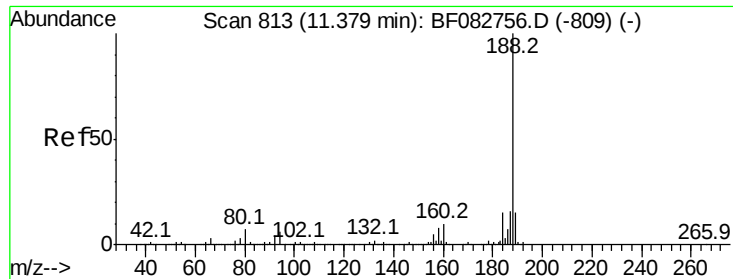
mmdadoda
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#62
Azobenzene
Concen: 39.96 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.3	49.3
105	24.3	2.6	42.6
51	25.8	9.9	49.9





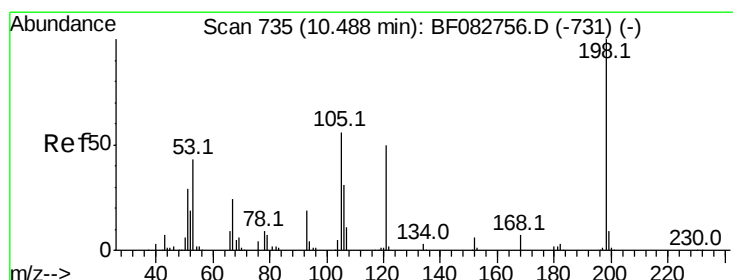
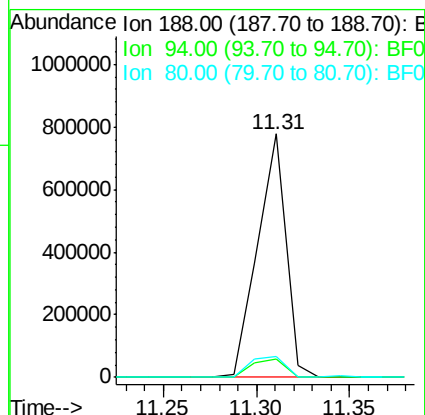
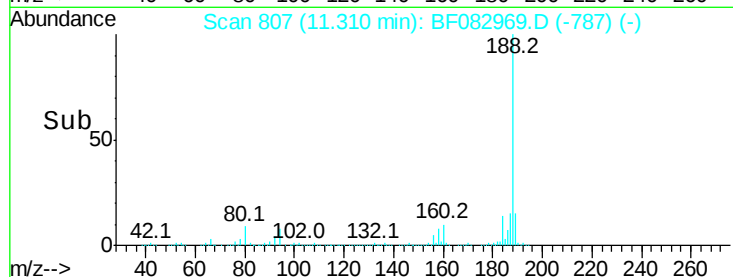
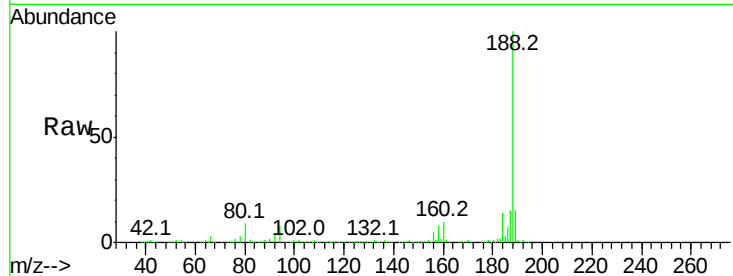
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	6.1	9.1	
80	8.6	7.0	10.6	

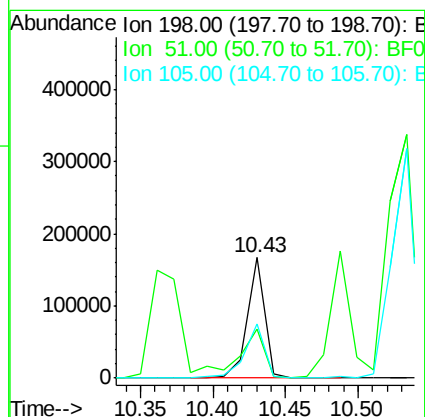
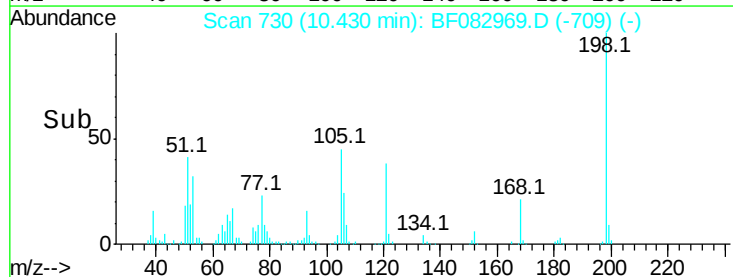
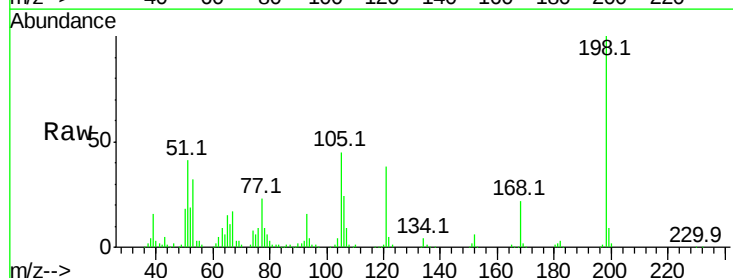
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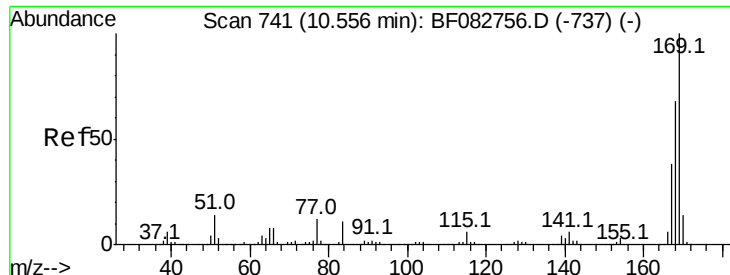
mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.86 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	41.2	17.3	57.3	
105	44.5	21.7	61.7	





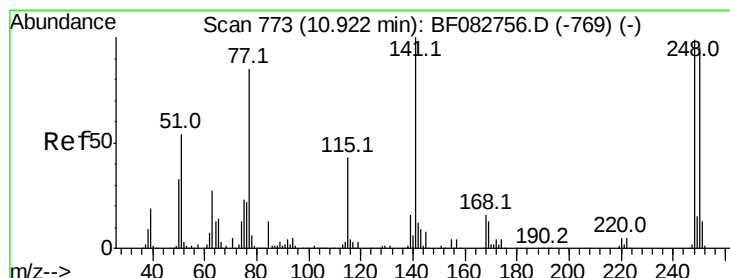
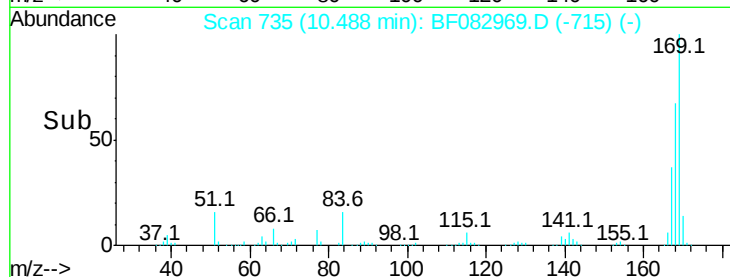
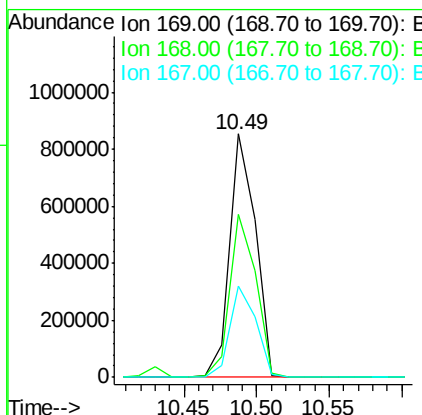
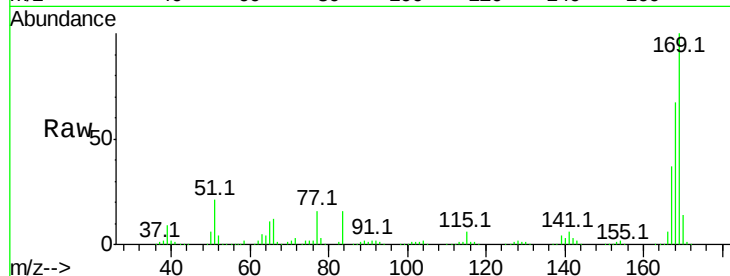
#65
n-Nitrosodiphenylamine
Concen: 35.51 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 1050642
Ion Ratio Lower Upper
169 100
168 66.9 55.0 82.6
167 37.5 30.5 45.7

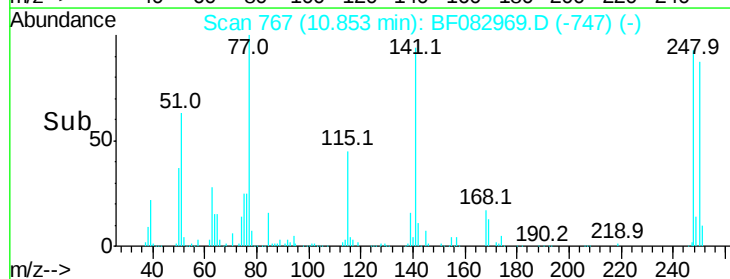
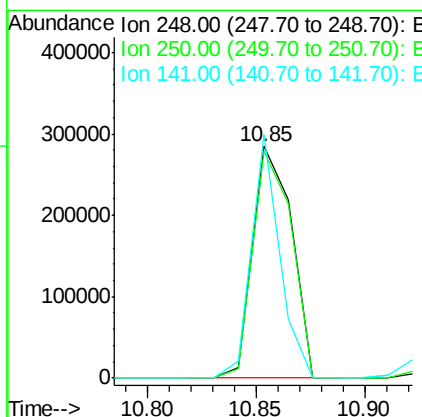
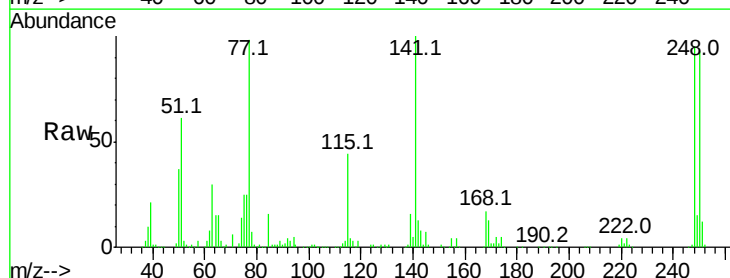
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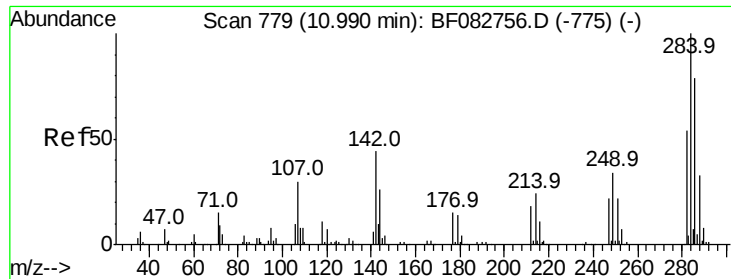
mmdadoda
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#66
4-Bromophenyl-phenylether
Concen: 35.95 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.07 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion:248 Resp: 354520
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.2
141 105.2 36.3 54.5#





#67

Hexachlorobenzene

Concen: 33.71 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:284 Resp: 371237
Ion Ratio Lower Upper

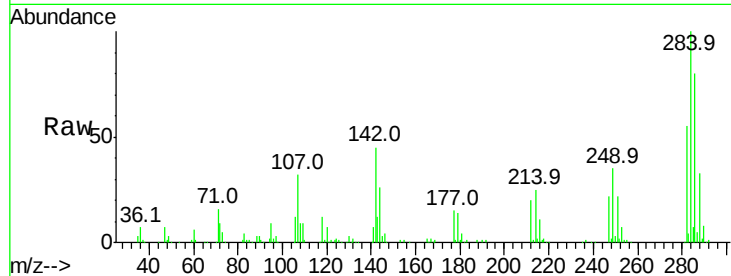
284 100

142 45.4 47.9 71.9#

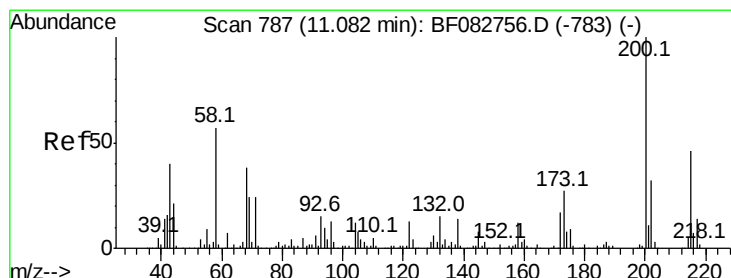
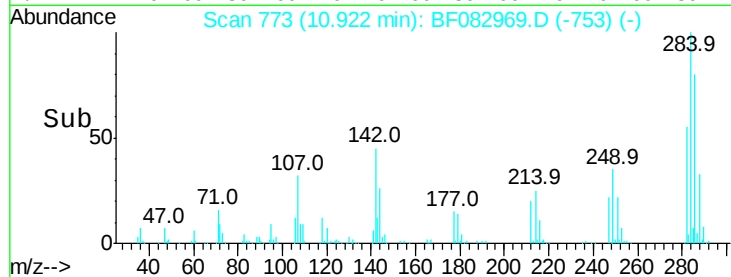
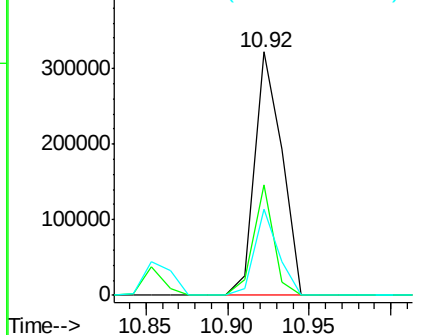
249 35.3 29.7 44.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.48 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.06 min

Lab File: BF082969.D

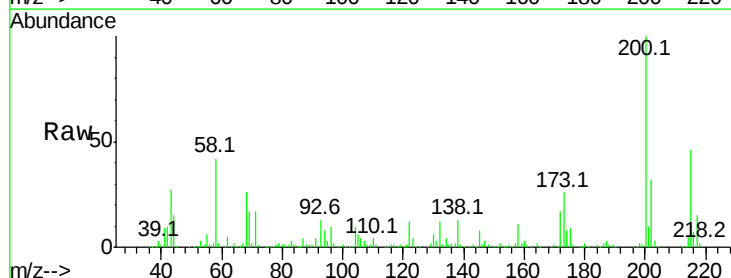
Acq: 17 Nov 2015 12:27

Tgt Ion:200 Resp: 361214
Ion Ratio Lower Upper

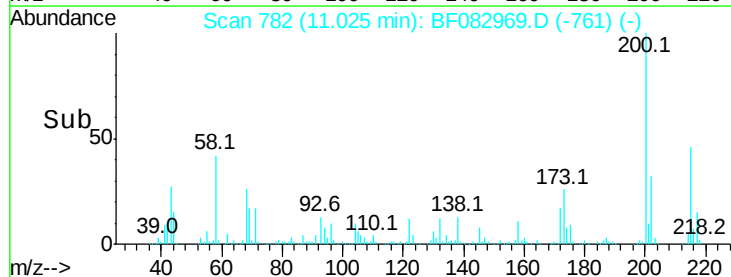
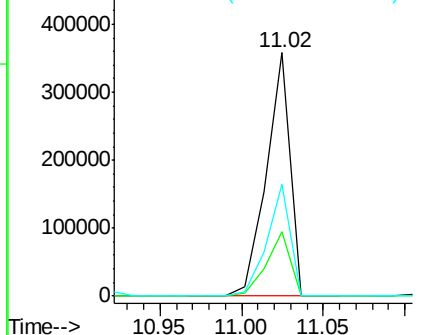
200 100

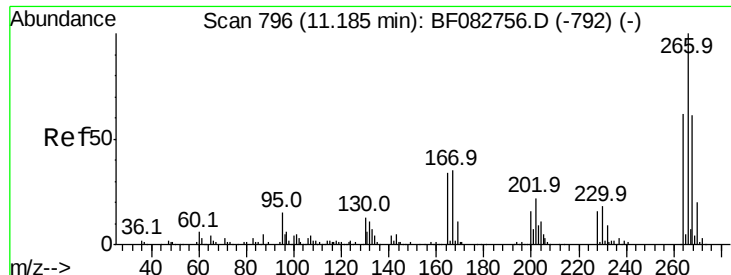
173 26.3 6.9 46.9

215 45.8 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





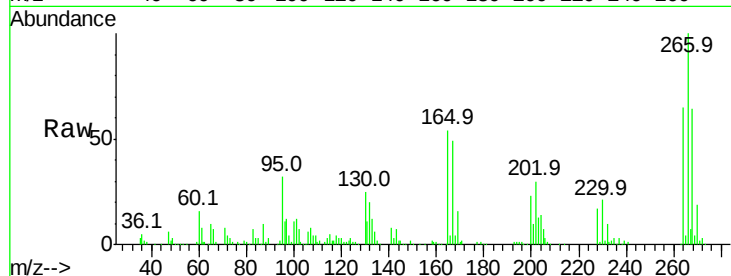
#69
 Pentachlorophenol
 Concen: 29.72 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.07 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

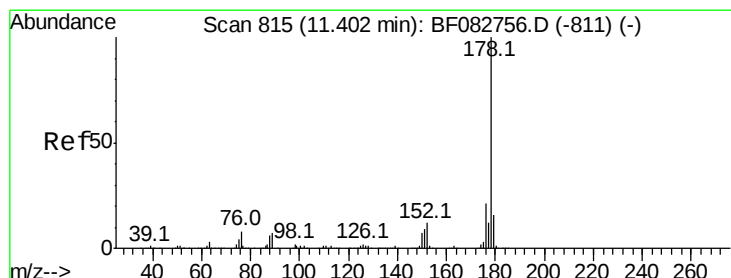
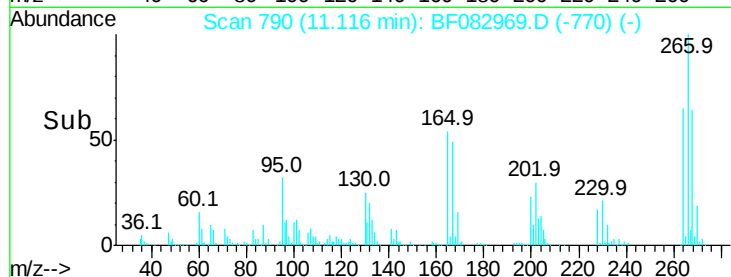
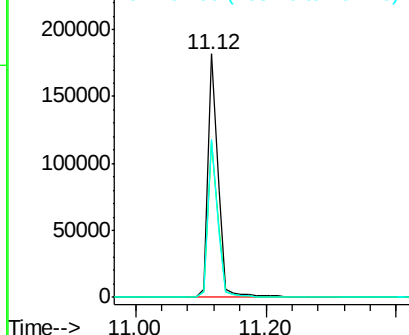
Tot Ion	Ratio	Resp	Lower	Upper
266	100	198763		
268	63.8	51.0	76.6	
264	64.8	50.6	75.8	

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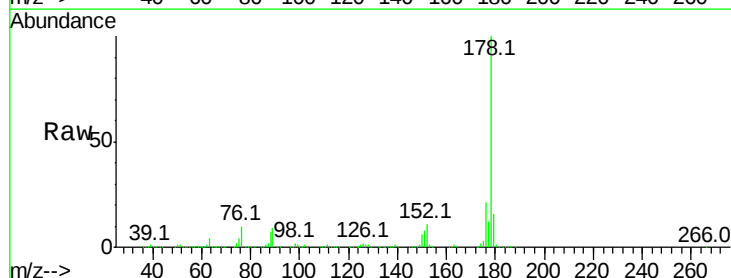


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

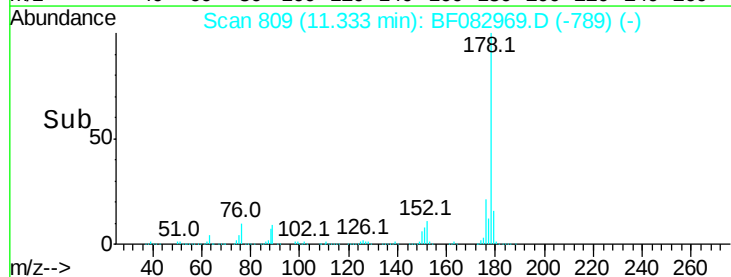
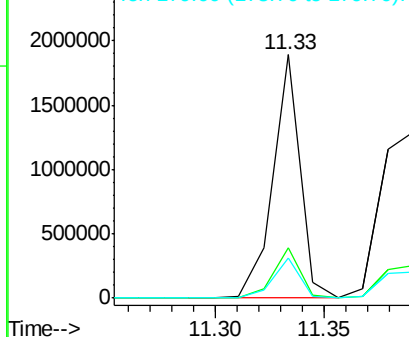


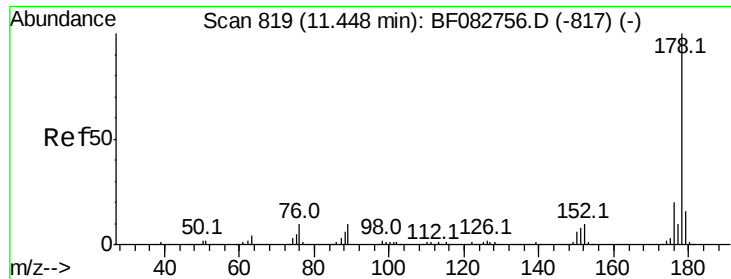
#70
 Phenanthrene
 Concen: 34.96 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1662927		
176	20.7	17.0	25.4	
179	16.4	13.4	20.0	



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





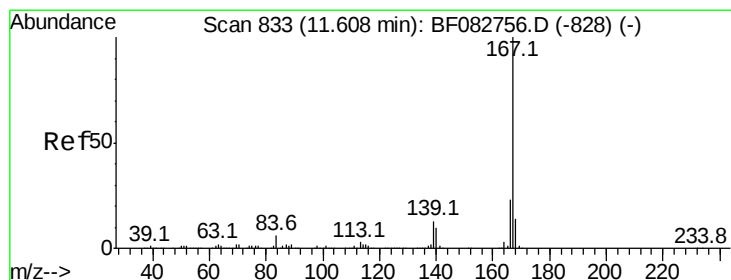
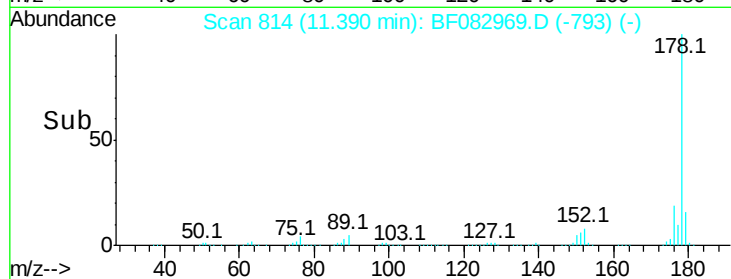
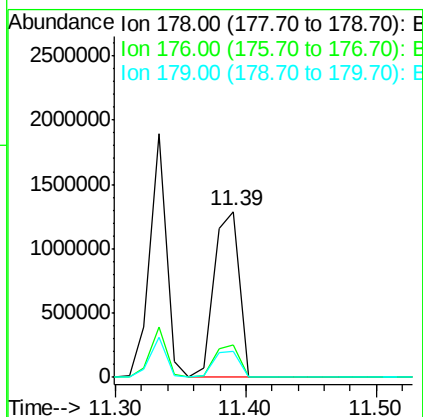
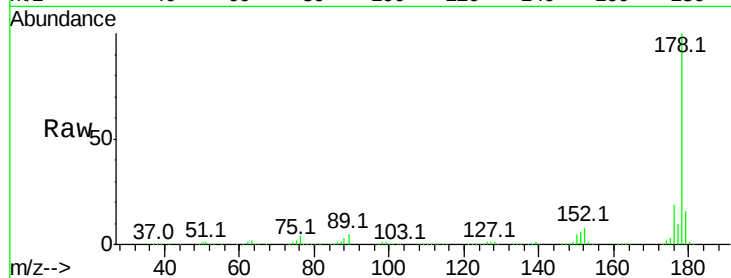
#71
 Anthracene
 Concen: 34.69 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1738284
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.5 24.7
 179 15.8 13.2 19.8

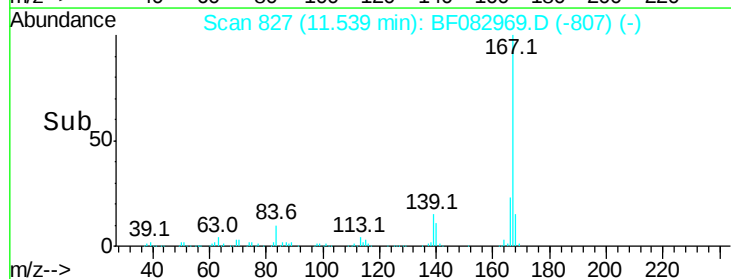
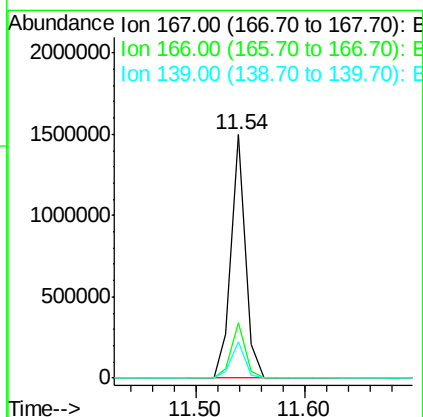
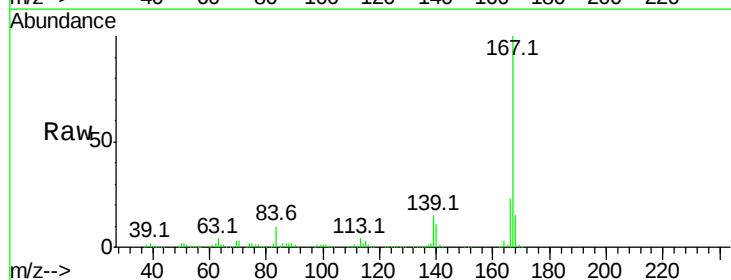
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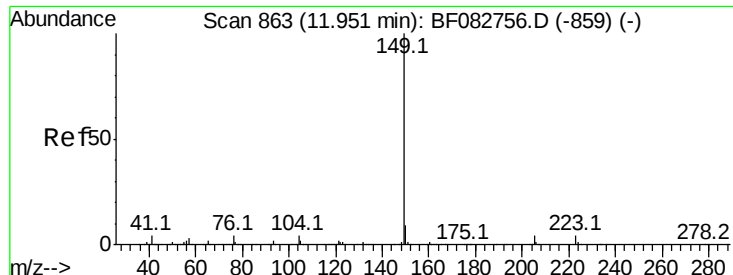
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#72
 Carbazole
 Concen: 31.18 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.07 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion:167 Resp: 1367652
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 14.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.48 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

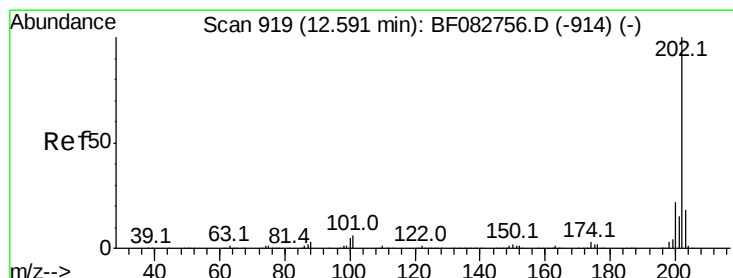
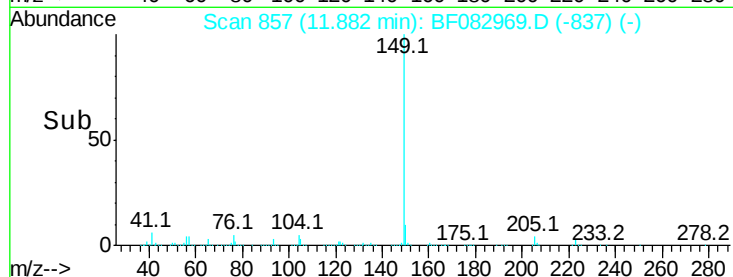
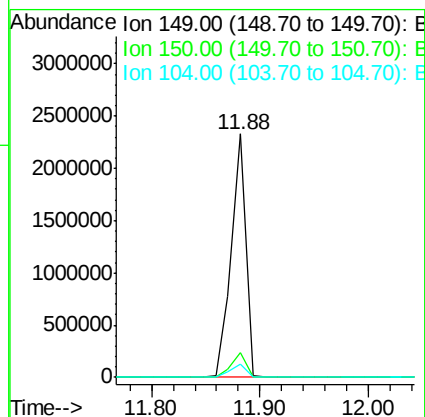
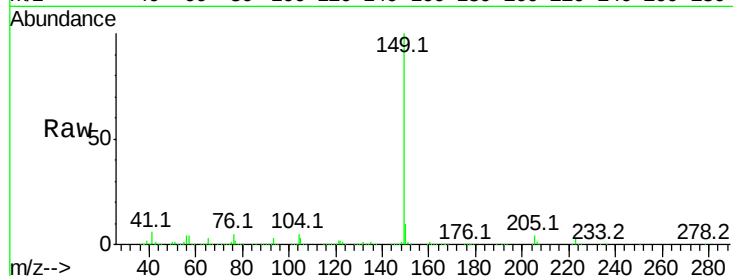
SSTDCCC040EC

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Tot Ion:149 Resp: 2157484

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	5.3	5.2	7.8



#74

Fluoranthene

Concen: 31.60 ng

RT: 12.52 min Scan# 913

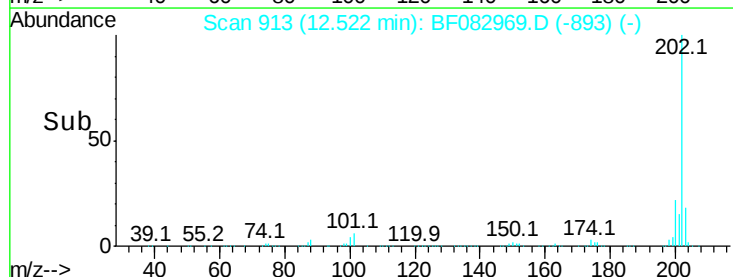
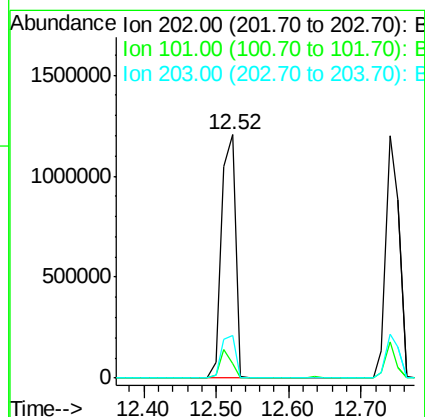
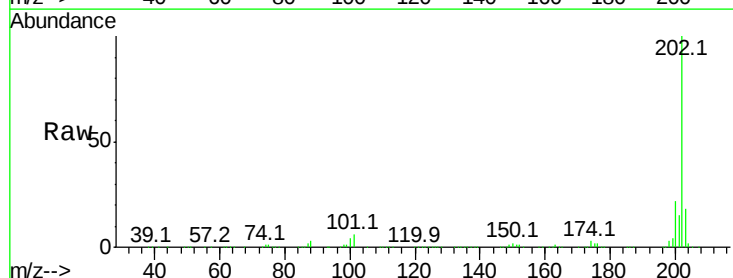
Delta R.T. -0.07 min

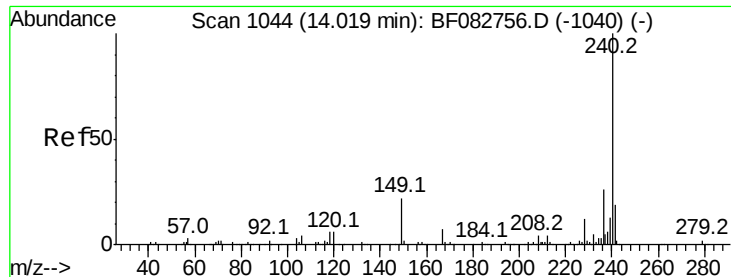
Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:202 Resp: 1612847

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	30.5
203	17.7	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

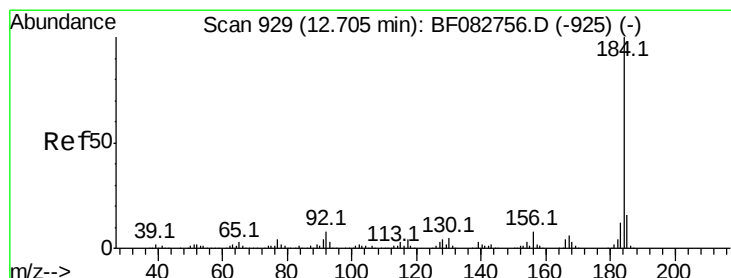
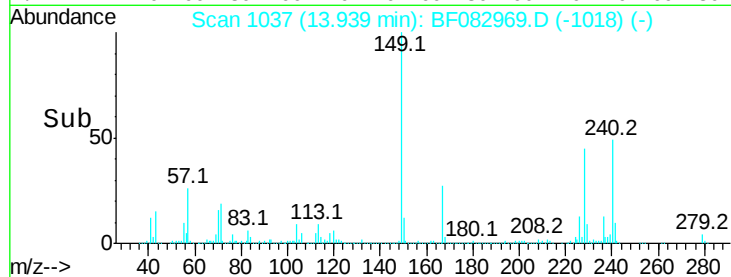
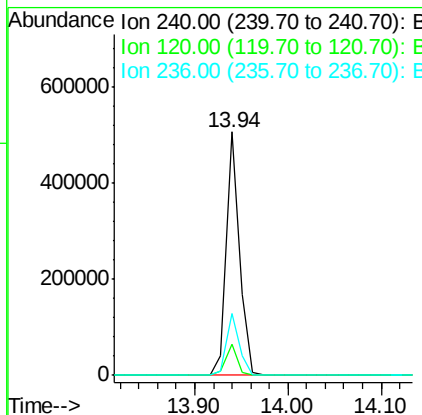
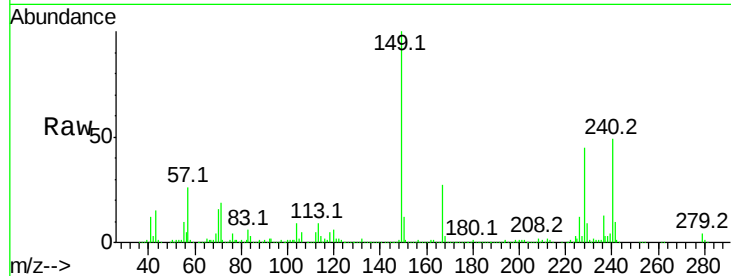
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	498055
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.9	16.3
236	25.6	21.6	32.4

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#76

Benzidine

Concen: 41.66 ng

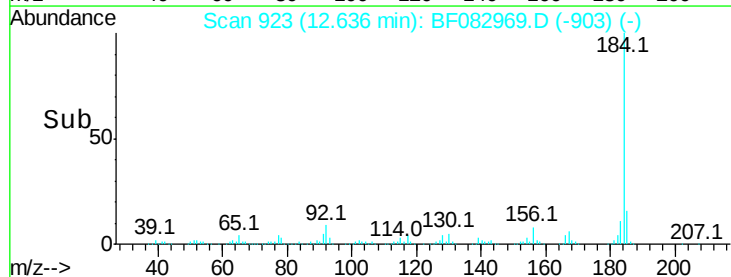
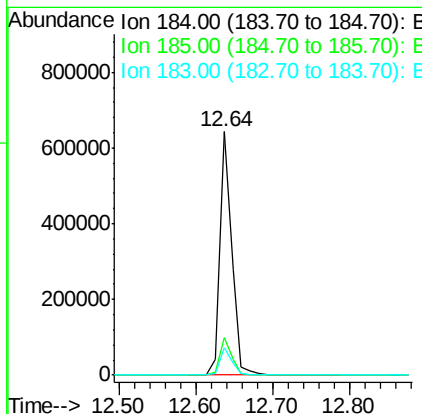
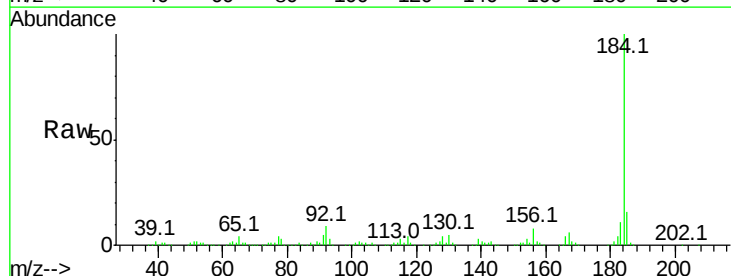
RT: 12.64 min Scan# 923

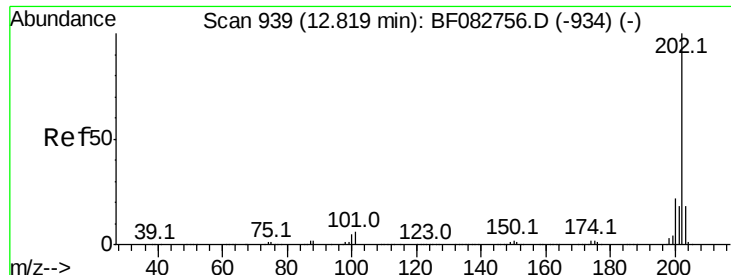
Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	184	Resp:	695327
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.0	18.0
183	11.3	9.6	14.4





#77

Pvrene

Concen: 44.74 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.08 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1530436

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	18.4	14.8	22.2

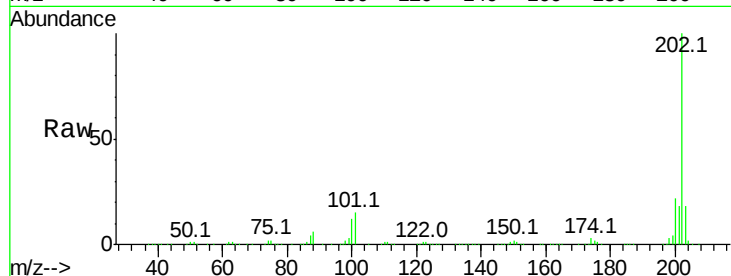
202 100

200 22.0 18.7 28.1

203 18.4 14.8 22.2

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

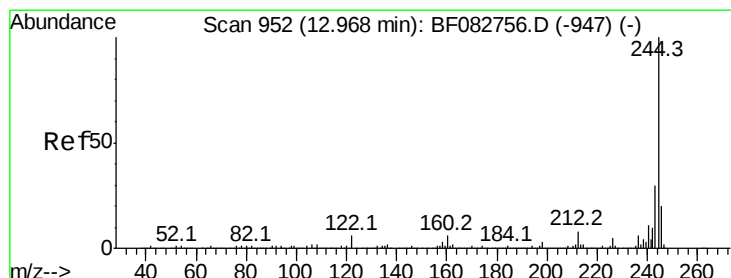
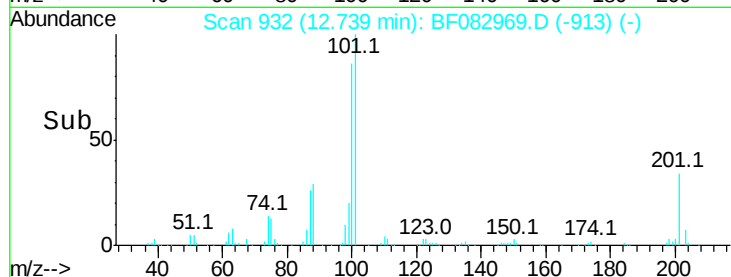
12.74

1000000

500000

0

Time-->



#78

Terphenyl-d14

Concen: 94.98 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

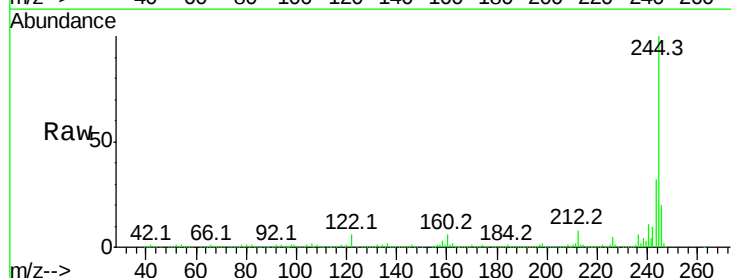
Tgt Ion:244 Resp: 1994502

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	6.4	11.3	16.9#

244 100

212 7.5 7.6 11.4#

122 6.4 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.90

2000000

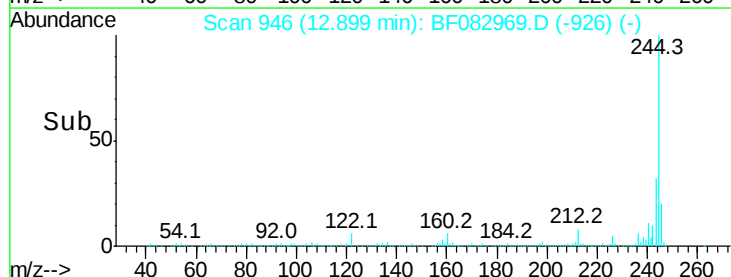
1500000

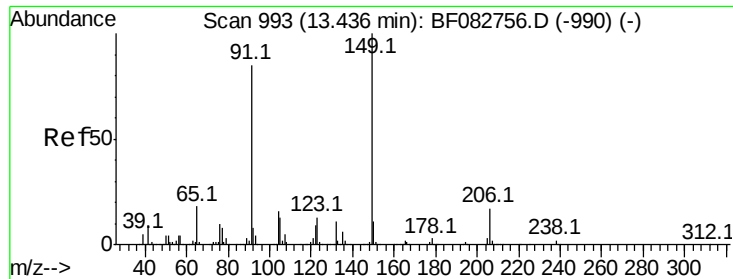
1000000

500000

0

Time-->





#79

Butylbenzylphthalate

Concen: 46.69 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

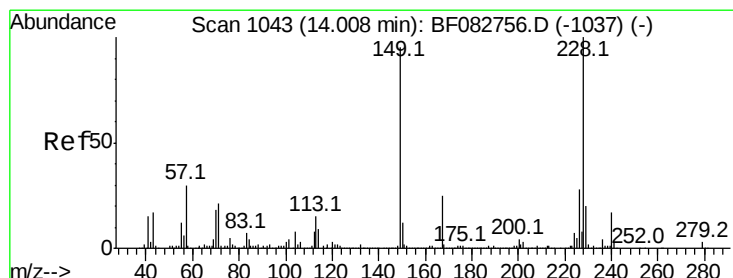
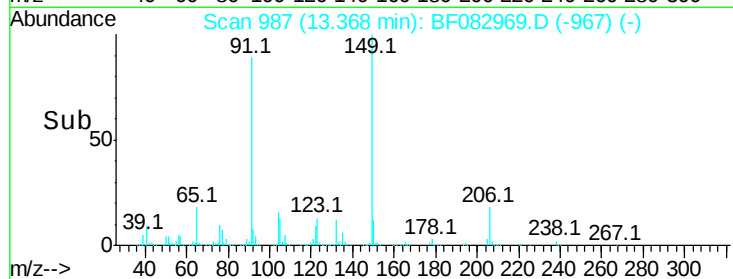
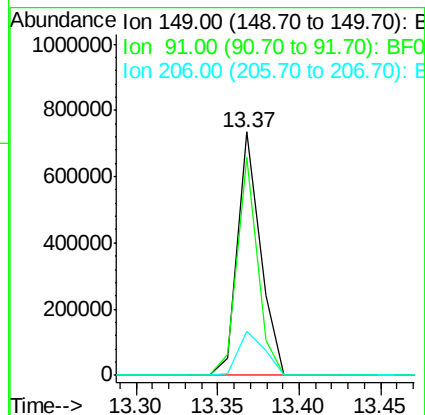
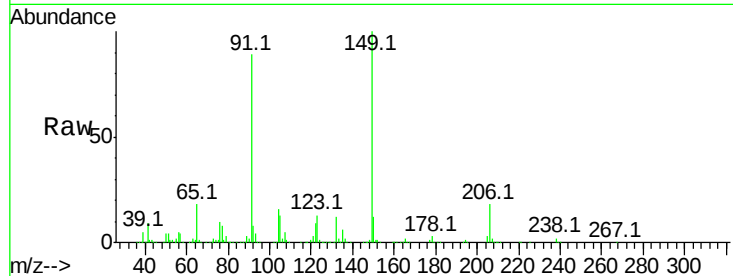
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	149	Resp:	705547
Ion Ratio	Lower	Upper	
149	100		
91	89.4	67.7	101.5
206	18.1	14.6	22.0



#80

Benzo(a)anthracene

Concen: 40.33 ng

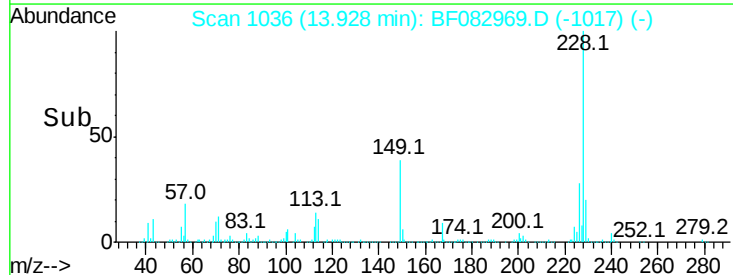
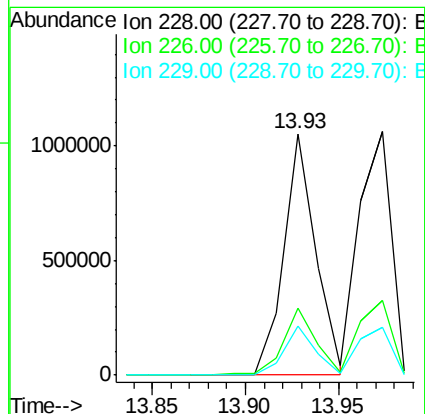
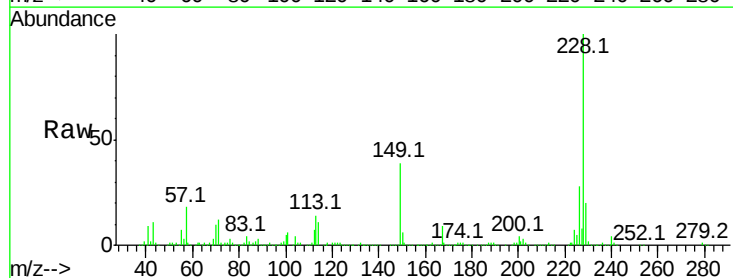
RT: 13.93 min Scan# 1036

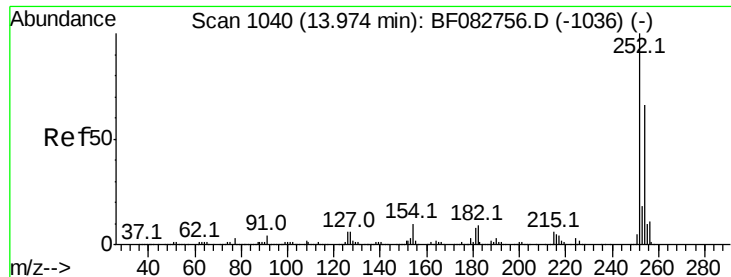
Delta R.T. -0.08 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	228	Resp:	1255937
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.4	35.2
229	20.4	16.3	24.5





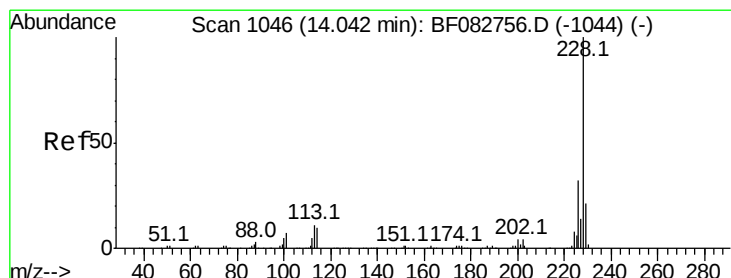
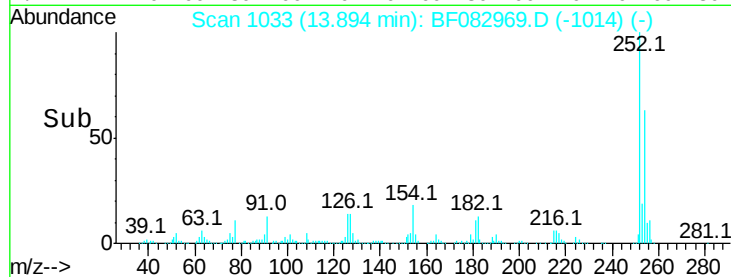
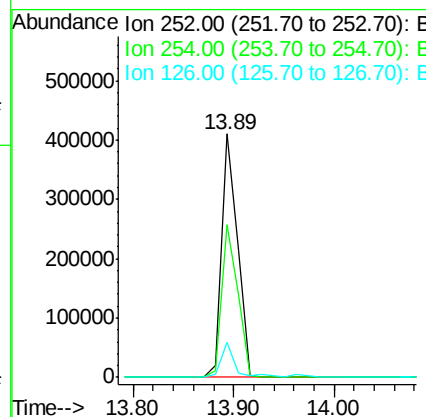
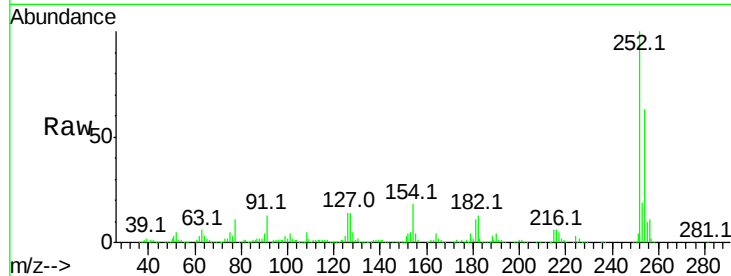
#81
 3,3'-Dichlorobenzidine
 Concen: 40.31 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.0
126	14.2	10.7	16.1

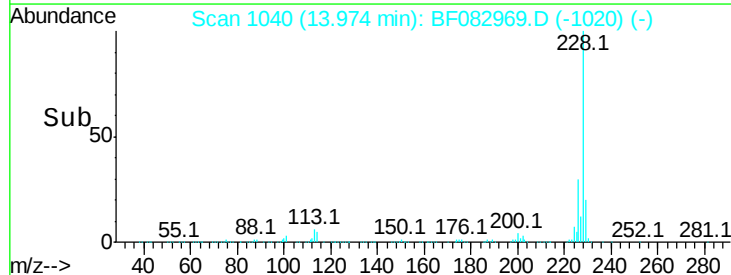
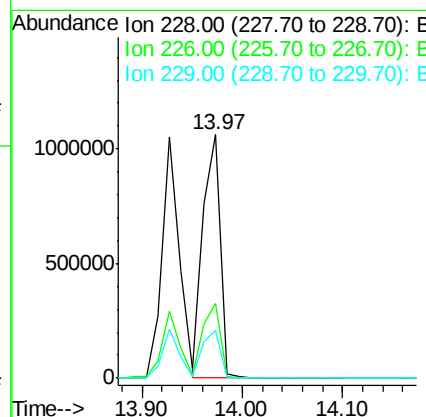
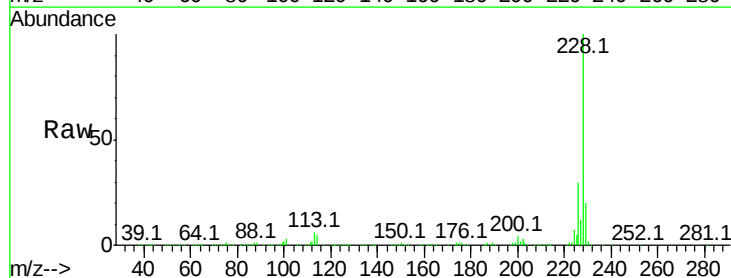
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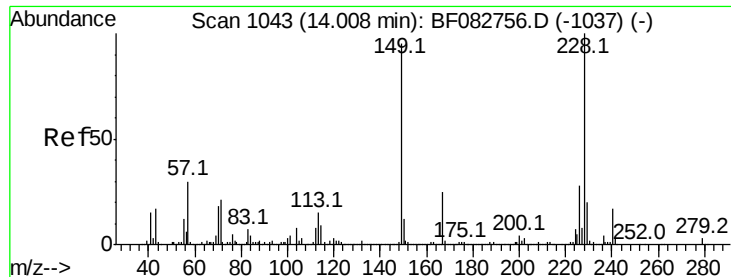
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#82
 Chrysene
 Concen: 44.64 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	19.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.09 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1015193

Ion Ratio Lower Upper

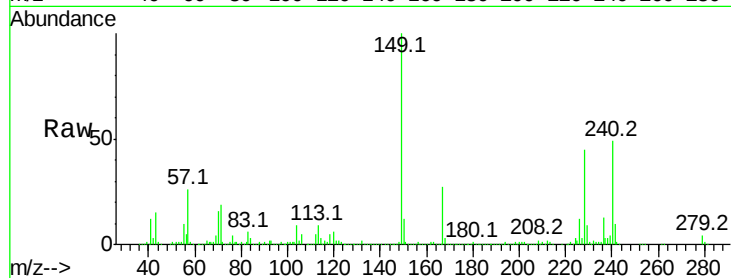
149 100

167 27.4 21.2 31.8

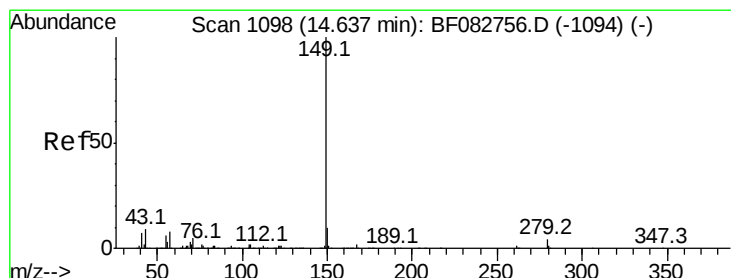
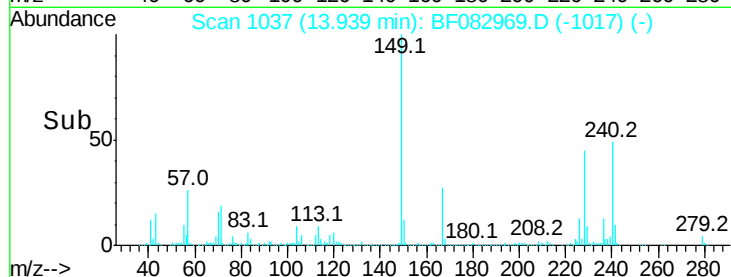
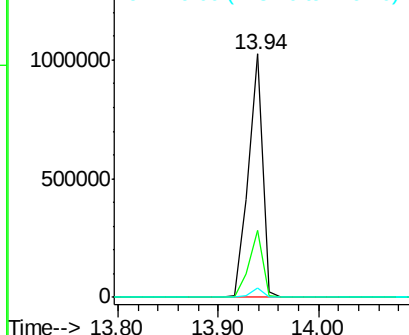
279 3.8 2.2 3.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.23 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.09 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

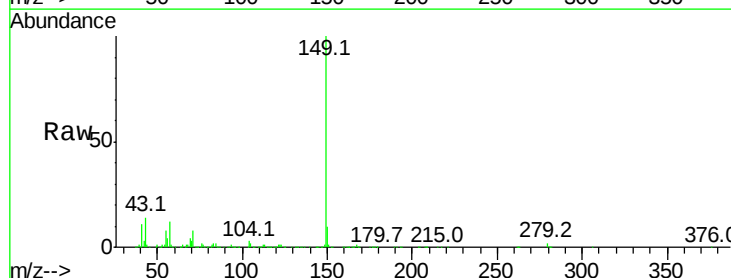
Tgt Ion:149 Resp: 1629493

Ion Ratio Lower Upper

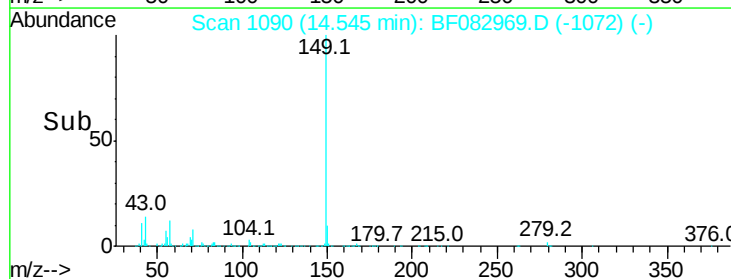
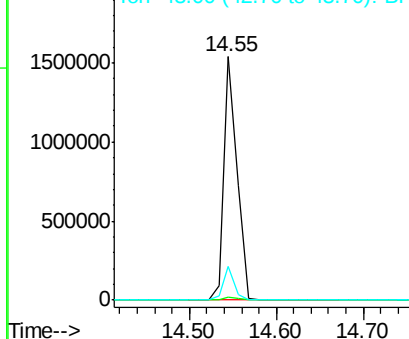
149 100

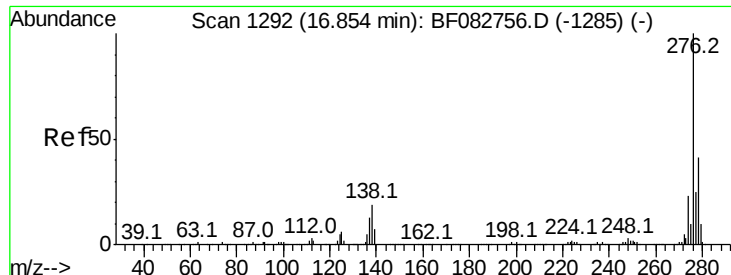
167 1.5 1.3 1.9

43 11.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





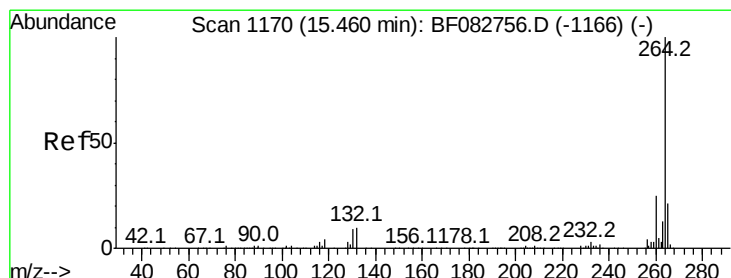
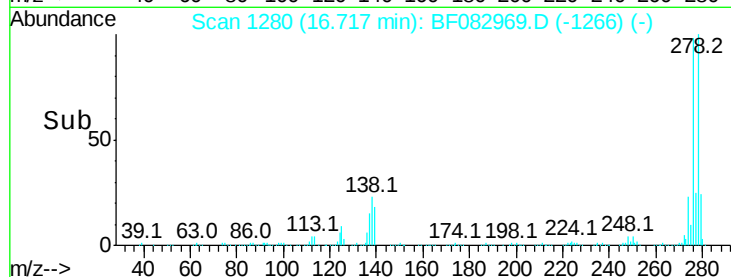
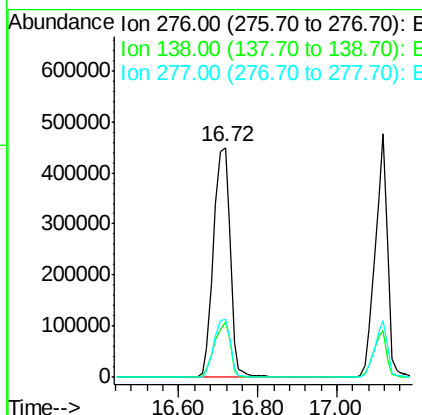
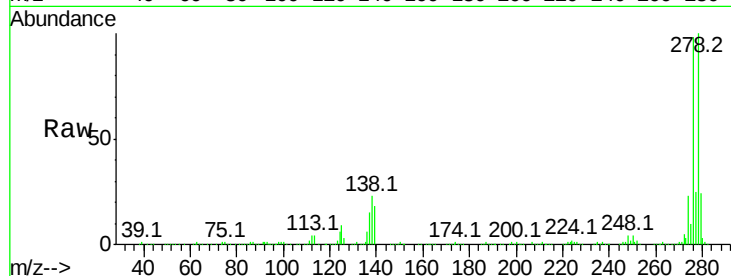
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.21 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.14 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 1307352
Ion Ratio Lower Upper
276 100
138 23.1 15.3 22.9#
277 25.1 20.2 30.4

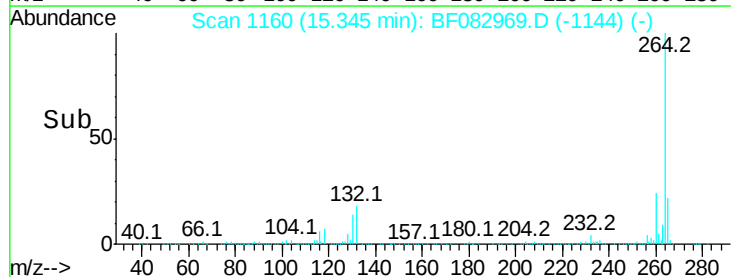
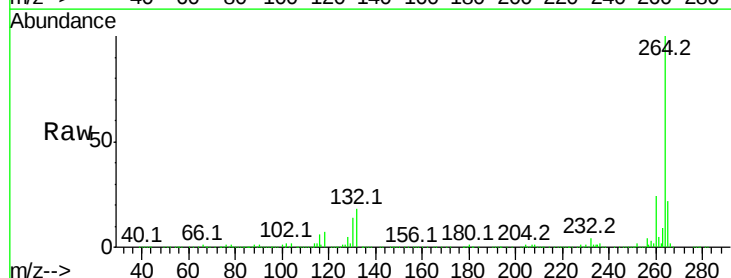
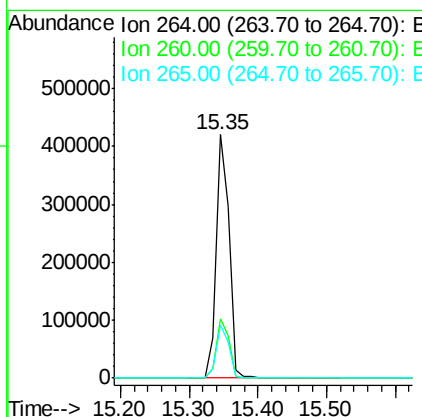
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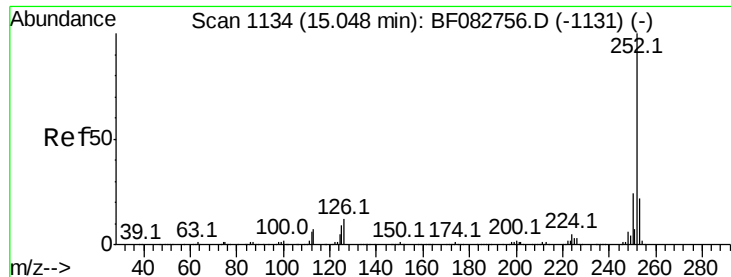
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.11 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion:264 Resp: 558947
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 36.49 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.09 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Instrument :

BNA_F

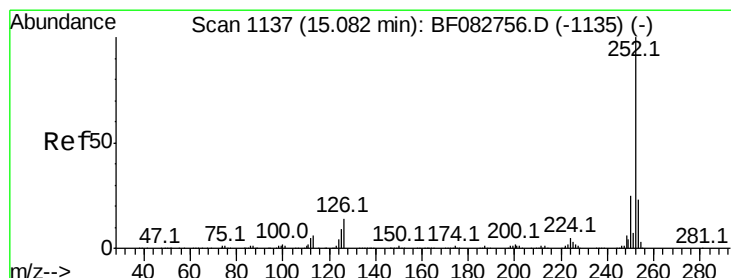
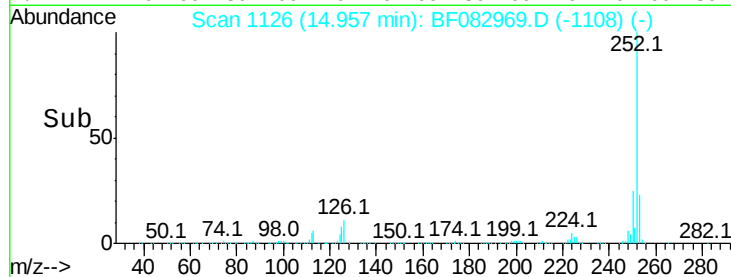
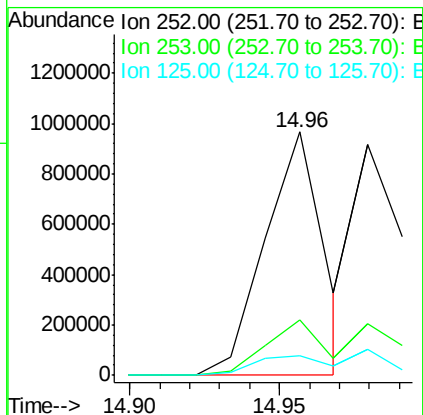
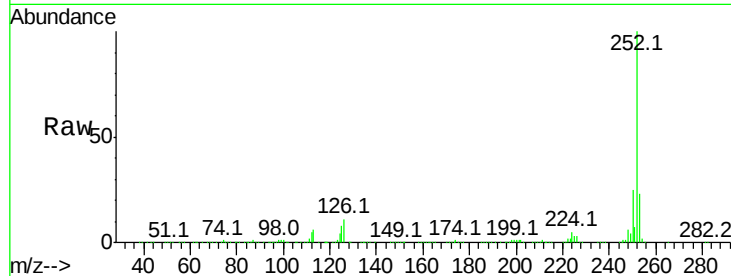
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	1309119
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.2	5.4	8.2#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 32.55 ng m

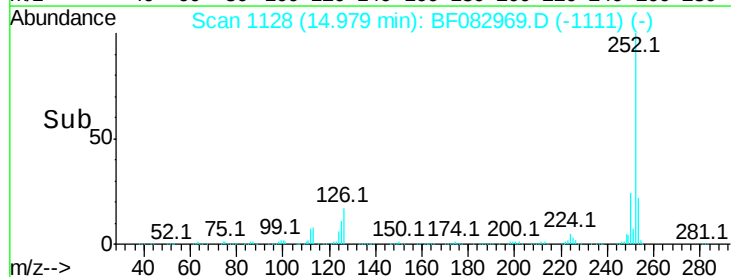
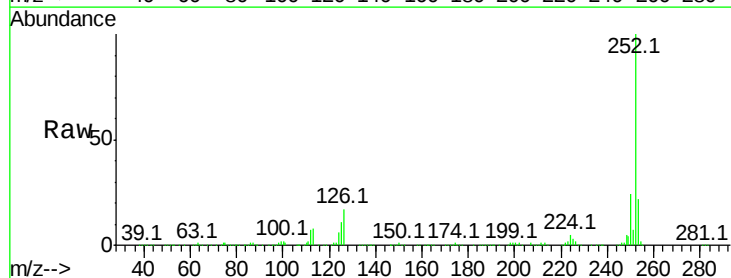
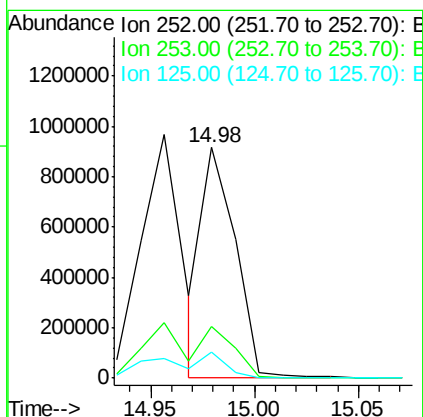
RT: 14.98 min Scan# 1128

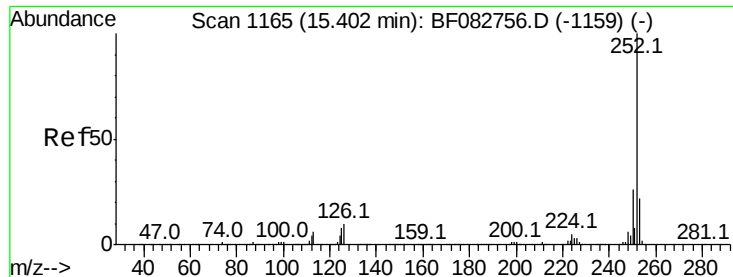
Delta R.T. -0.10 min

Lab File: BF082969.D

Acq: 17 Nov 2015 12:27

Tgt Ion:	252	Resp:	1035966
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	11.0	3.5	5.3#





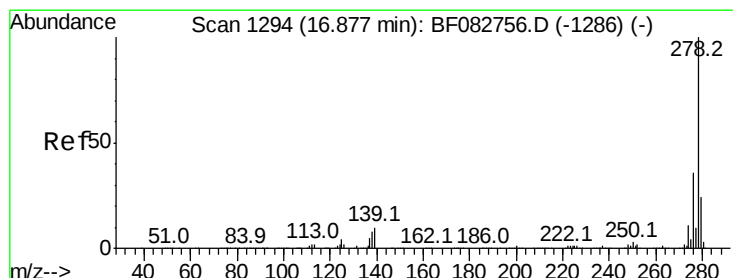
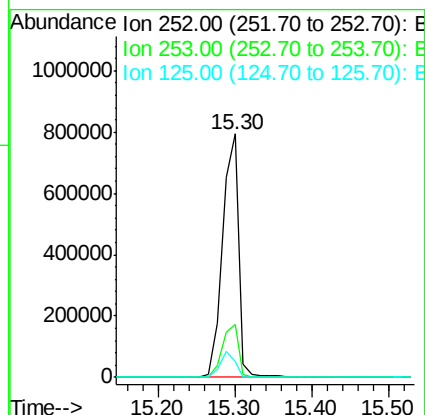
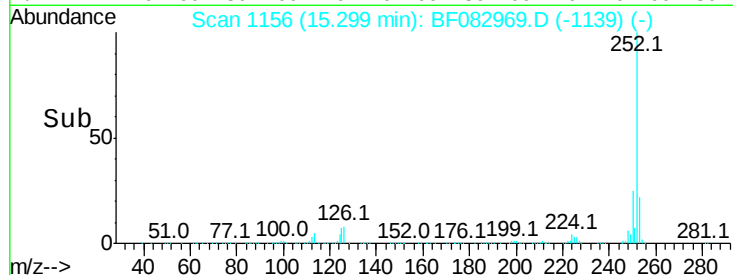
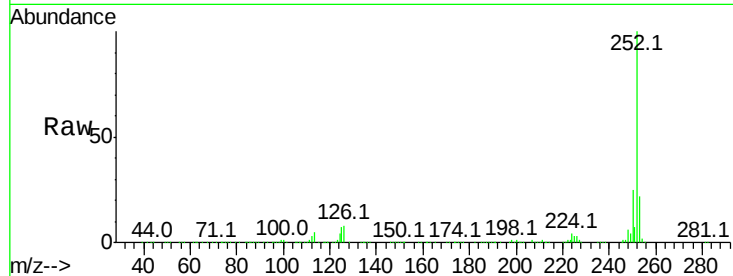
#89
Benzo(a)pyrene
Concen: 37.65 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.10 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1170240
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.5 7.1 10.7#

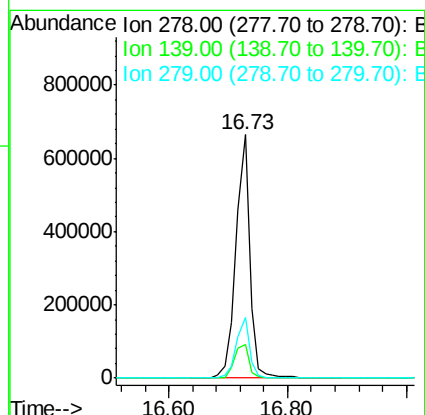
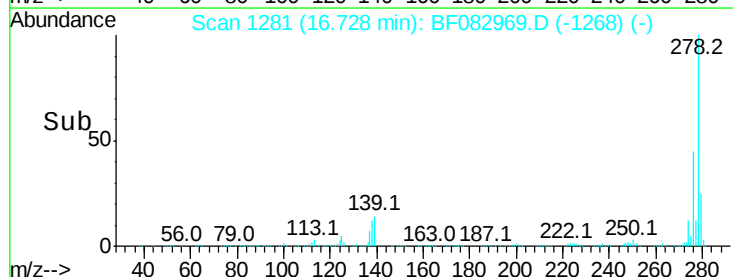
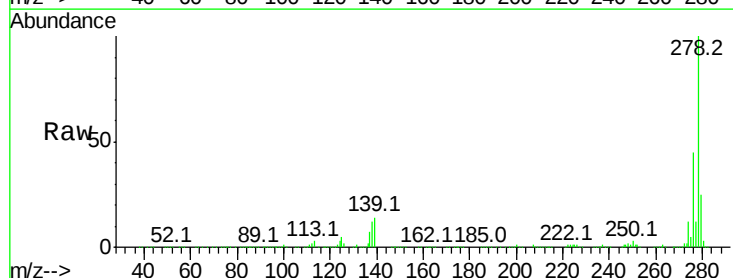
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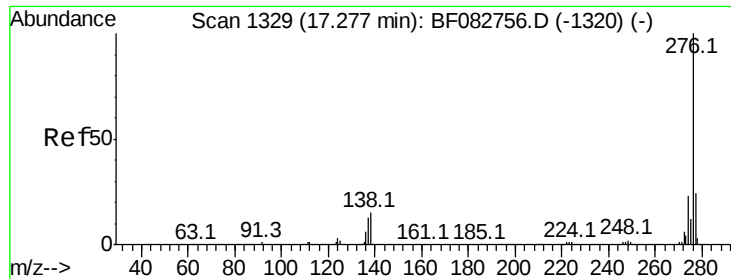
mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 41.14 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.15 min
Lab File: BF082969.D
Acq: 17 Nov 2015 12:27

Tgt Ion:278 Resp: 1082789
Ion Ratio Lower Upper
278 100
139 13.6 9.9 14.9
279 25.0 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.50 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.16 min
 Lab File: BF082969.D
 Acq: 17 Nov 2015 12:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	19.3	13.1	19.7

Manual Integrations
 APPROVED

mmdadoda
 11/17/2015 5:56:20 PM

