

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084646.D
 Acq On : 29 Jan 2016 20:23
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:24:26 PM

Quant Time: Jan 30 00:09:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	171673	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	683618	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	331846	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	619013	20.00	ng	0.00
75) Chrysene-d12	13.88	240	477792	20.00	ng	0.01
86) Perylene-d12	15.25	264	419138	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	813194	71.50	ng	0.00
7) Phenol-d6	6.37	99	1064484	78.09	ng	0.00
23) Nitrobenzene-d5	7.30	82	1012255	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	295879	85.07	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1640923	73.50	ng	0.00
78) Terphenyl-d14	12.83	244	1682230	79.52	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	178357	33.63	ng	# 73
3) Pyridine	2.91	79	460503	32.59	ng	# 75
4) n-Nitrosodimethylamine	2.85	42	258140	37.37	ng	# 78
6) Aniline	6.38	93	656353	37.51	ng	# 54
8) 2-Chlorophenol	6.51	128	501650	39.77	ng	96
9) Benzaldehyde	6.27	77	326058	41.31	ng	95
10) Phenol	6.38	94	619663	40.79	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	427037	36.14	ng	83
12) 1,3-Dichlorobenzene	6.66	146	486533m	36.00	ng	
13) 1,4-Dichlorobenzene	6.74	146	500571	37.74	ng	97
14) 1,2-Dichlorobenzene	6.90	146	490826	40.19	ng	97
15) Benzyl Alcohol	6.88	79	378551	40.80	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	756084	37.39	ng	85
17) 2-Methylphenol	6.99	107	375181	38.36	ng	93
18) Hexachloroethane	7.24	117	198613	38.28	ng	# 86
19) n-Nitroso-di-n-propylamine	7.15	70	326221	39.18	ng	# 76
20) 3+4-Methylphenols	7.15	107	442296	37.27	ng	# 74
22) Acetophenone	7.14	105	672670	37.68	ng	# 96
24) Nitrobenzene	7.31	77	465239	35.78	ng	93
25) Isophorone	7.56	82	937648	40.91	ng	96
26) 2-Nitrophenol	7.63	139	256189	41.44	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	396090	36.56	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	505528	36.75	ng	98
29) 2,4-Dichlorophenol	7.88	162	374771	39.55	ng	93
30) 1,2,4-Trichlorobenzene	7.95	180	407426	37.60	ng	97
31) Naphthalene	8.03	128	1256263	36.40	ng	99
32) Benzoic acid	7.81	122	329766	39.65	ng	96
33) 4-Chloroaniline	8.09	127	541744	38.60	ng	99
34) Hexachlorobutadiene	8.16	225	248036	38.73	ng	97
35) Caprolactam	8.46	113	124205	45.67	ng	# 46
36) 4-Chloro-3-methylphenol	8.58	107	436244	41.81	ng	94
37) 2-Methylnaphthalene	8.73	142	900594	42.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	385496	35.82	ng	99
40) Hexachlorocyclopentadiene	8.88	237	186056	38.02	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	261191	39.07	nq	93
43) 2,4,5-Trichlorophenol	9.05	196	268791	38.94	nq	# 86
45) 1,1'-Biphenyl	9.20	154	1169264	38.44	nq	96
46) 2-Chloronaphthalene	9.22	162	817609	36.85	nq	# 87
47) 2-Nitroaniline	9.31	65	249034	37.37	nq	97
48) Acenaphthylene	9.63	152	1335838	39.73	nq	99
49) Dimethylphthalate	9.50	163	1012538	40.65	nq	# 91
50) 2,6-Dinitrotoluene	9.56	165	236229	43.11	nq	93
51) Acenaphthene	9.80	154	916077	40.69	nq	97
52) 3-Nitroaniline	9.72	138	215407	37.62	nq	97
53) 2,4-Dinitrophenol	9.84	184	112837	41.73	nq	# 79
54) Dibenzofuran	9.97	168	1098322	40.88	nq	100
55) 4-Nitrophenol	9.89	139	171104	40.68	nq	# 75
56) 2,4-Dinitrotoluene	9.96	165	322332	45.28	nq	94
57) Fluorene	10.32	166	897212	39.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	217169	41.61	nq	90
59) Diethylphthalate	10.20	149	987681	40.51	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	387768	37.92	nq	92
61) 4-Nitroaniline	10.34	138	252554	46.60	nq	93
62) Azobenzene	10.46	77	958986	41.09	nq	89
64) 4,6-Dinitro-2-methylphenol	10.36	198	166205	41.11	nq	# 54
65) n-Nitrosodiphenylamine	10.43	169	810826	40.40	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	287189	41.19	nq	# 92
67) Hexachlorobenzene	10.85	284	270202	35.63	nq	# 80
68) Atrazine	10.96	200	225521	37.50	nq	98
69) Pentachlorophenol	11.05	266	150180	40.99	nq	95
70) Phenanthrene	11.26	178	1249611	36.51	nq	98
71) Anthracene	11.32	178	1431424	41.13	nq	99
72) Carbazole	11.48	167	1258100	41.95	nq	98
73) Di-n-butylphthalate	11.81	149	1402858	38.46	nq	# 96
74) Fluoranthene	12.45	202	1474454	43.57	nq	96
76) Benzidine	12.58	184	780027	42.93	nq	96
77) Pyrene	12.68	202	1497095	41.54	nq	99
79) Butylbenzylphthalate	13.31	149	689477	44.79	nq	# 95
80) Benzo(a)anthracene	13.86	228	1195581	40.14	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	478033	45.62	nq	# 98
82) Chrysene	13.90	228	1247238	42.48	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	832722	41.70	nq	97
84) Di-n-octyl phthalate	14.48	149	1391312	44.09	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.57	276	857328	33.03	nq	99
87) Benzo(b)fluoranthene	14.88	252	1138365m	41.94	nq	
88) Benzo(k)fluoranthene	14.90	252	902469m	40.26	nq	
89) Benzo(a)pyrene	15.21	252	961041	40.93	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	725624	34.30	nq	98
91) Benzo(g,h,i)perylene	16.96	276	699769	32.76	nq	99

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

```

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Sample    : SSTCCCC040
Misc      :
ALS Vial  : 5      Sample Multiplier: 1

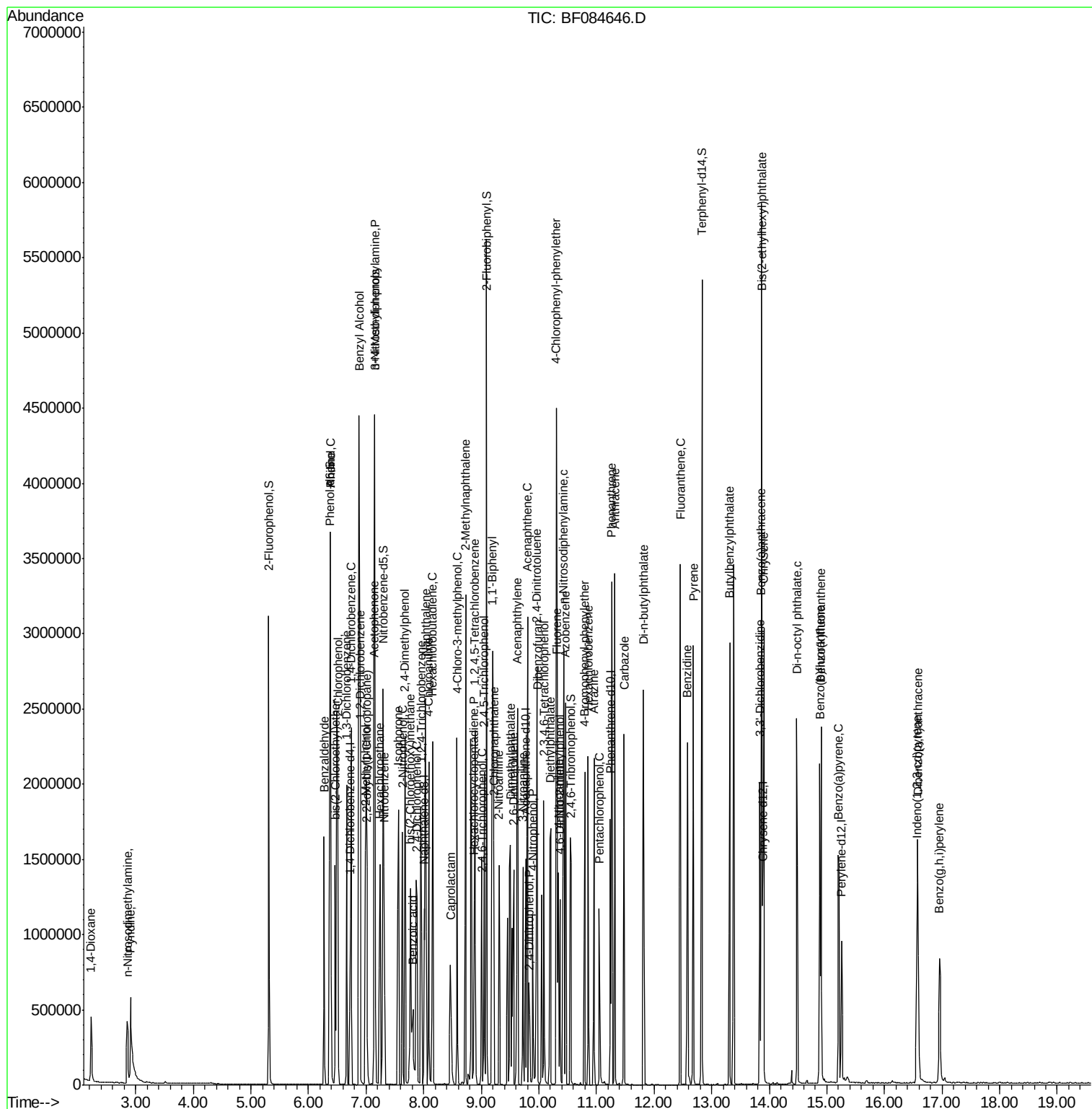
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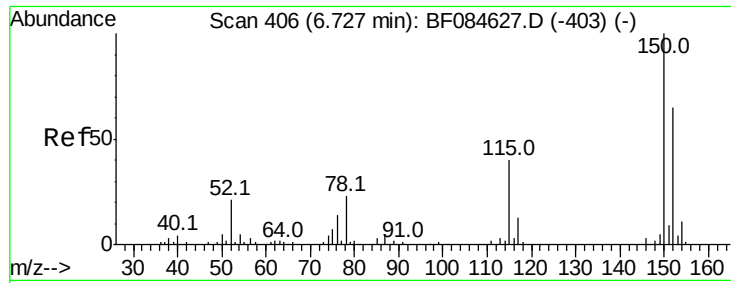
Instrument :
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ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 171673

Ion Ratio Lower Upper

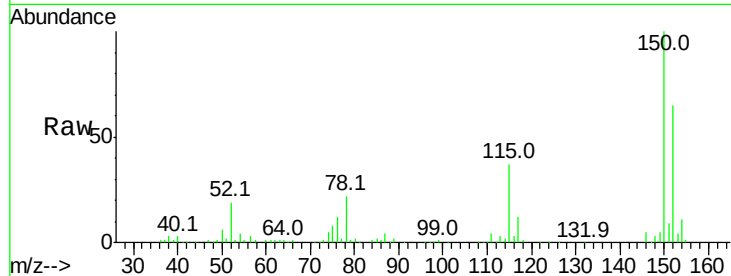
152 100

150 153.4 123.0 184.4

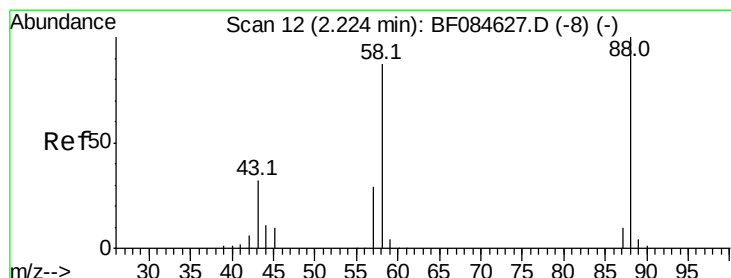
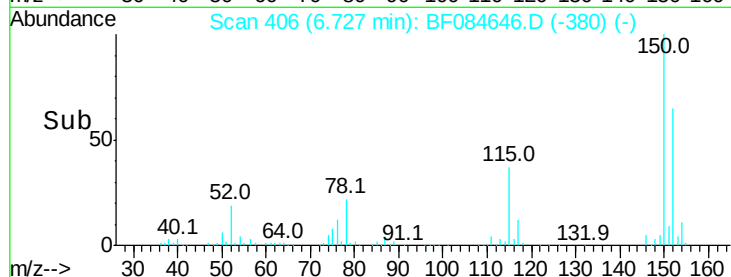
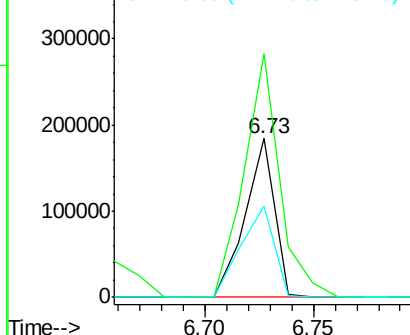
115 57.5 51.4 77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.63 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

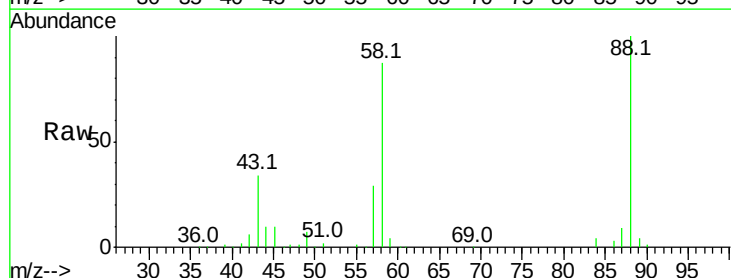
Tgt Ion: 88 Resp: 178357

Ion Ratio Lower Upper

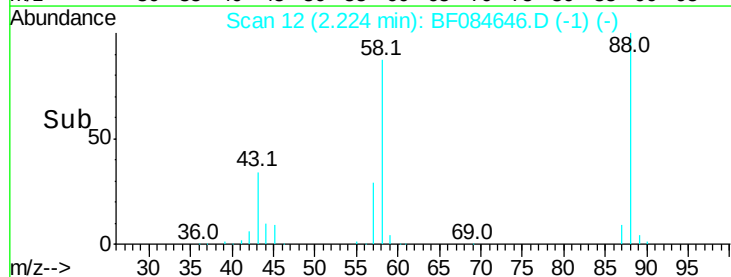
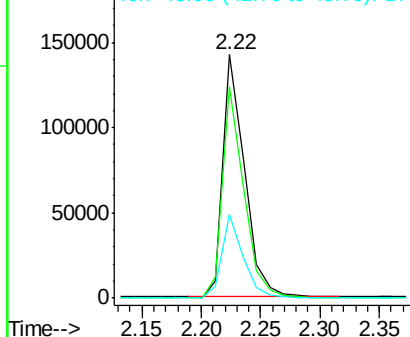
88 100

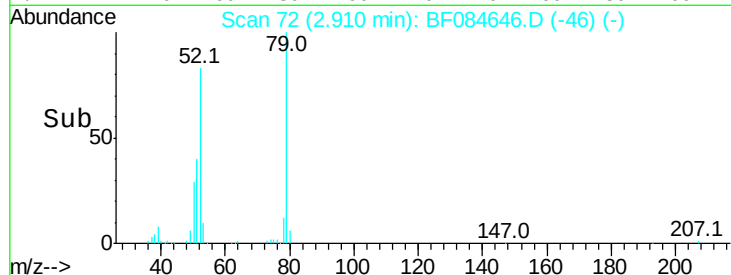
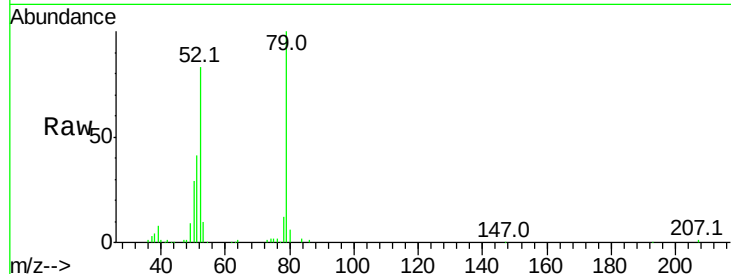
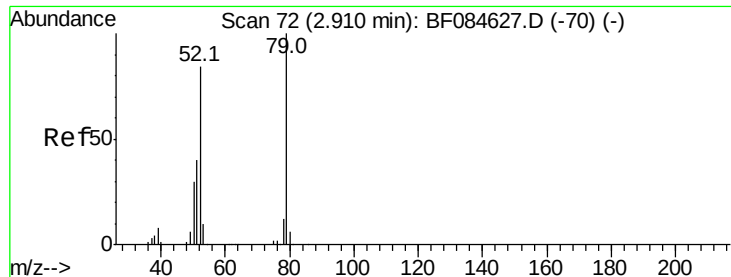
58 86.8 51.2 76.8#

43 34.3 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





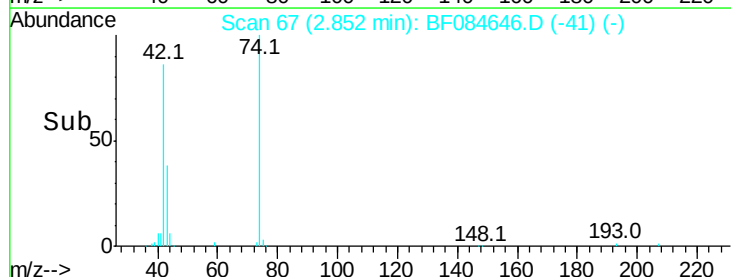
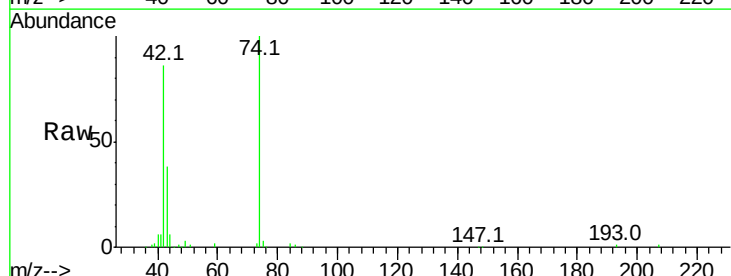
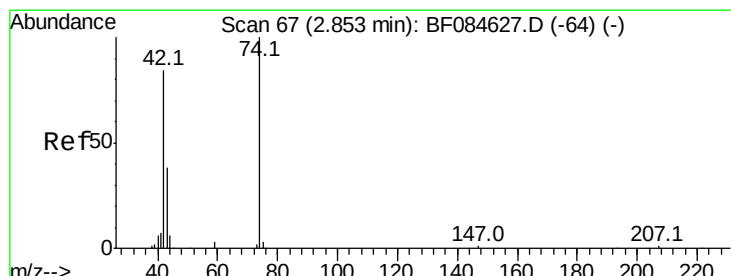
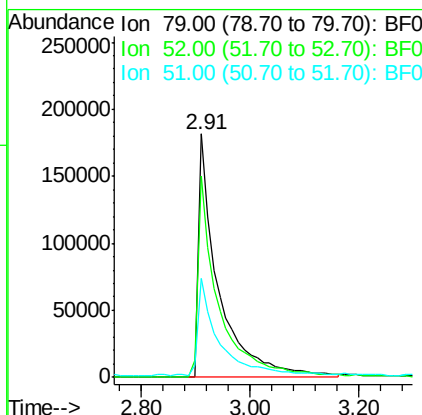
#3
 Pvridine
 Concen: 32.59 ng
 RT: 2.91 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.9	49.0	73.4#
51	40.9	25.2	37.8#

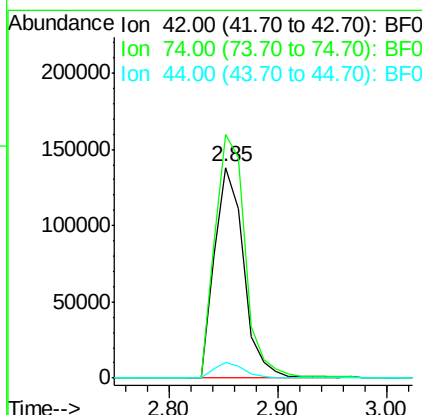
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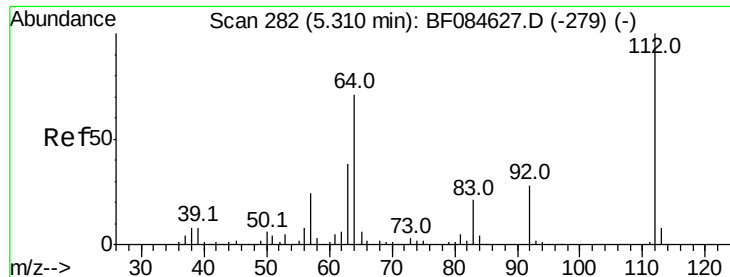
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#4
 n-Nitrosodimethylamine
 Concen: 37.37 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.7	115.7	173.5#
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 71.50 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

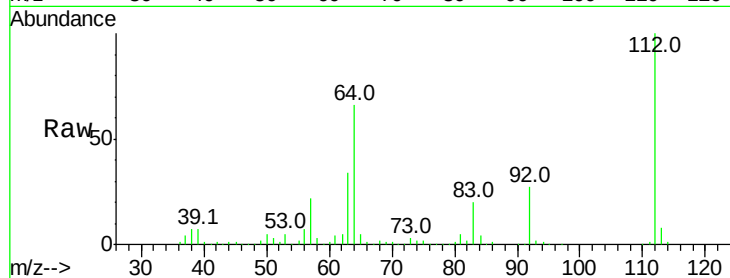
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	813194
Ion Ratio	Lower	Upper	
112	100		
64	65.7	36.6	55.0#
63	34.2	19.4	29.0#

Manual Integrations
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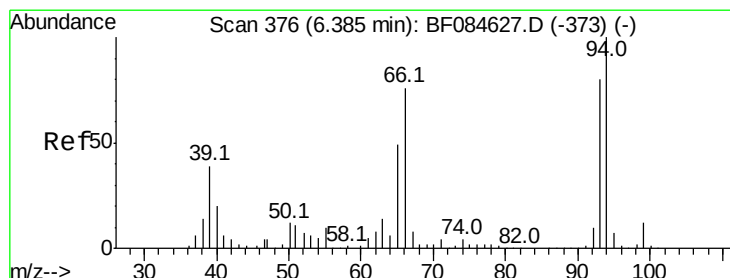
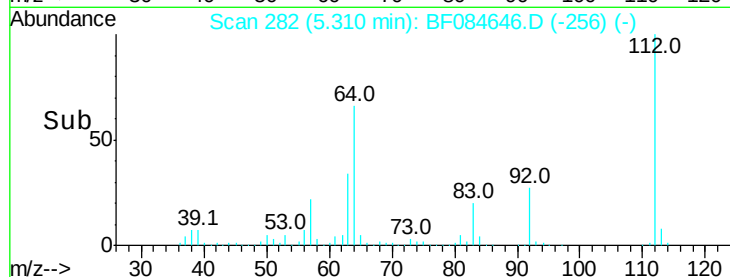
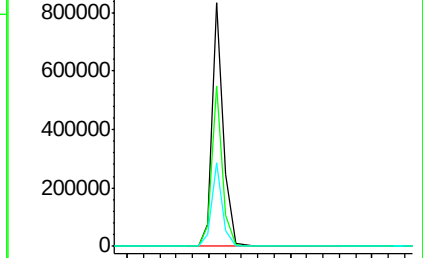
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.51 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084646.D

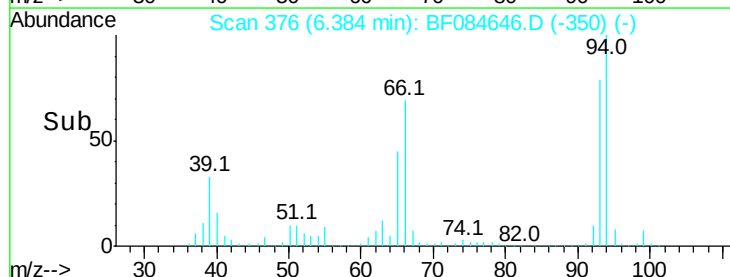
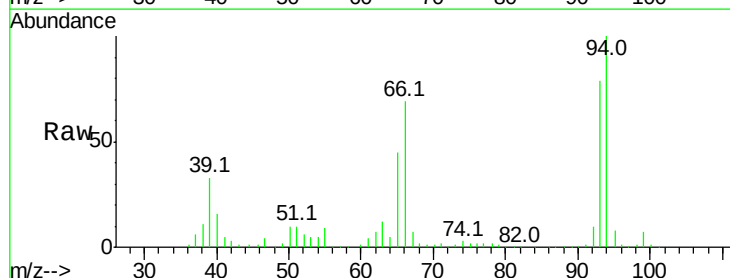
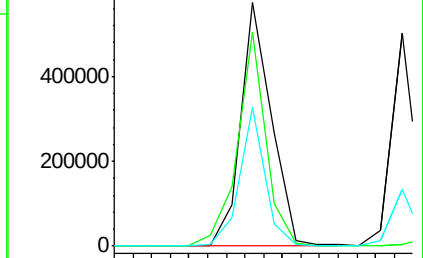
Acq: 29 Jan 2016 20:23

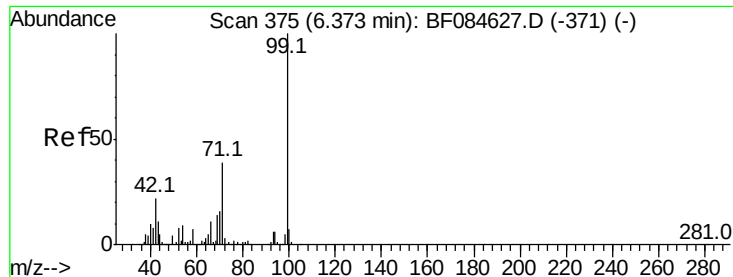
Tgt Ion:	93	Resp:	656353
Ion Ratio	Lower	Upper	
93	100		
66	87.9	44.9	67.3#
65	57.2	23.7	35.5#

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.09 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

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Tot Ion: 99 Resp: 1064484

Ion Ratio Lower Upper

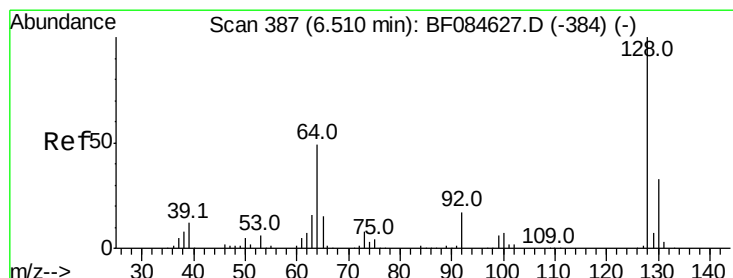
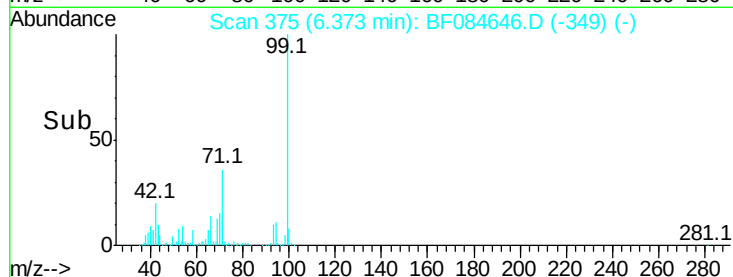
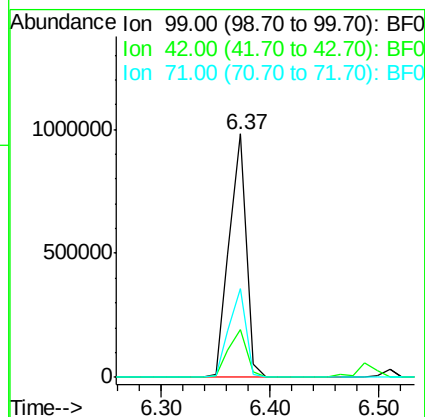
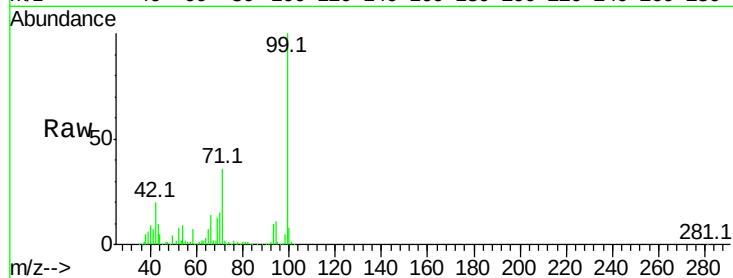
99 100

42 19.7 12.8 19.2#

71 36.2 30.9 46.3

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#8

2-Chlorophenol

Concen: 39.77 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

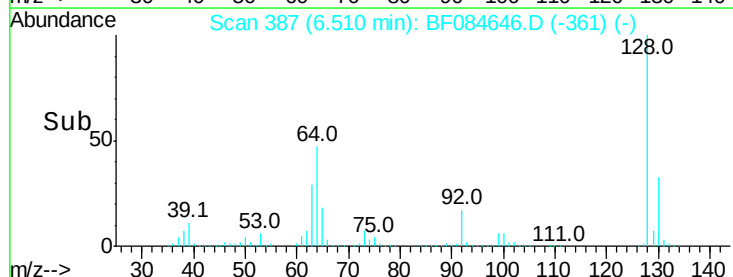
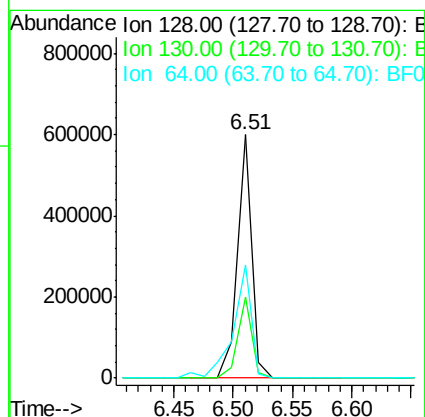
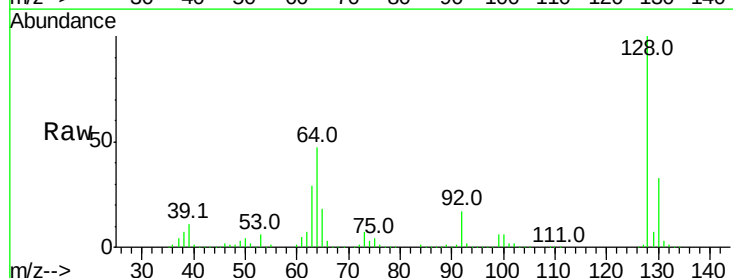
Tgt Ion: 128 Resp: 501650

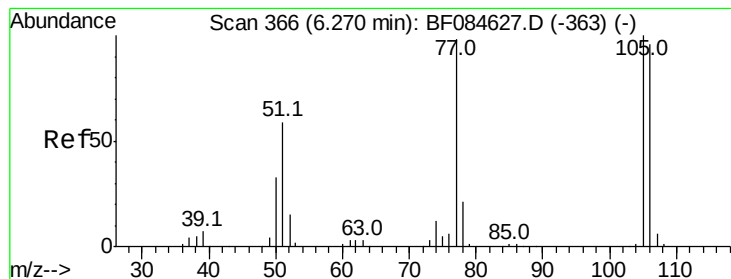
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 46.7 23.8 63.8





#9

Benzaldehyde

Concen: 41.31 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

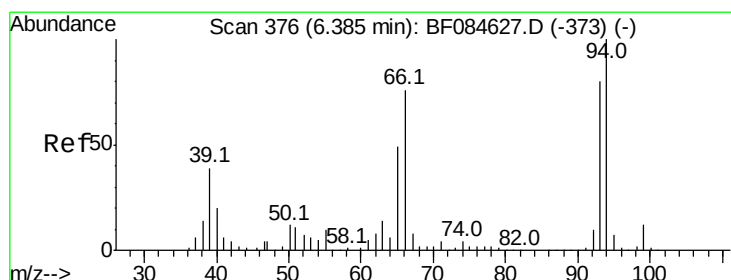
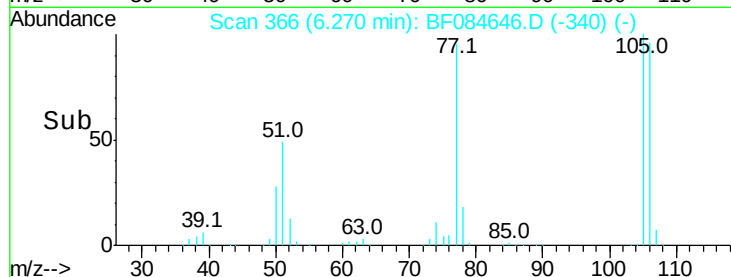
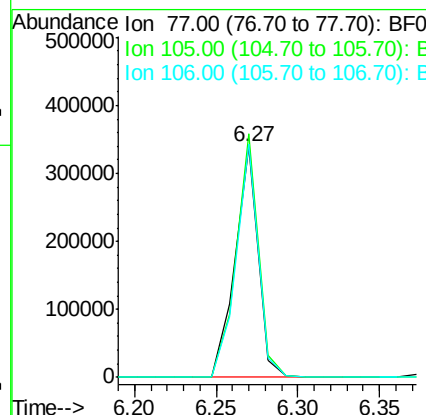
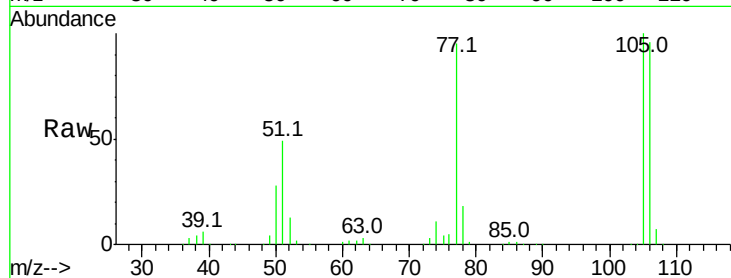
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	326058
Ion	Ratio	Lower	Upper
77	100		
105	105.5	83.0	123.0
106	101.2	74.6	114.6

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#10

Phenol

Concen: 40.79 ng

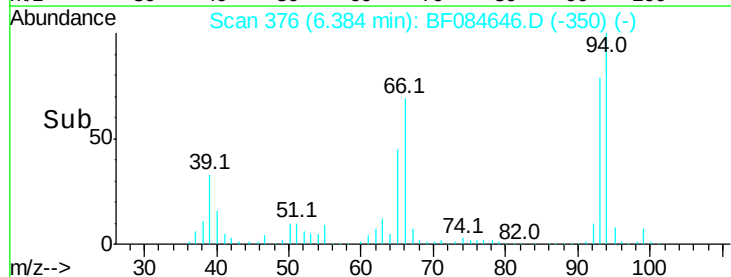
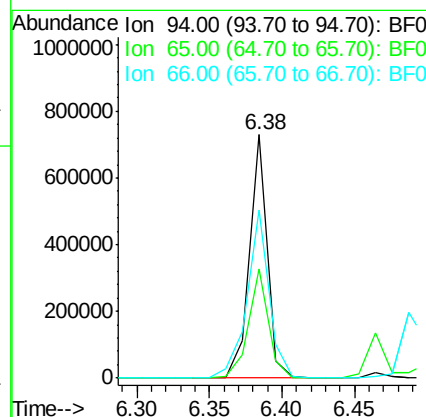
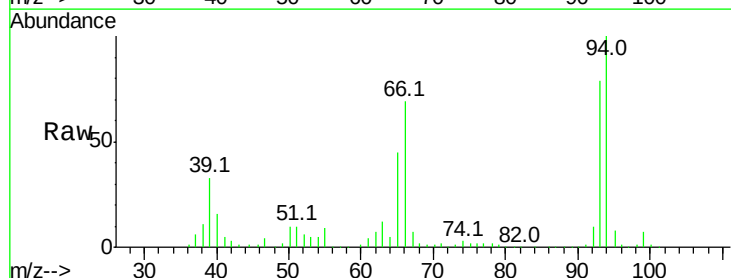
RT: 6.38 min Scan# 376

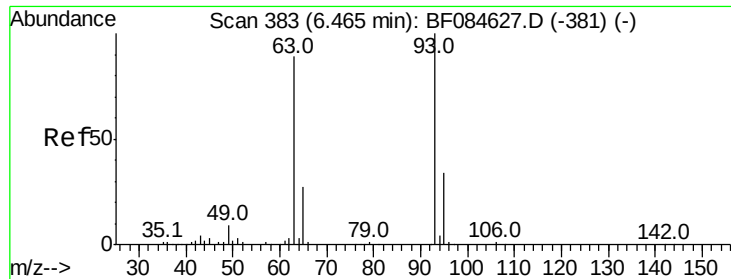
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	94	Resp:	619663
Ion	Ratio	Lower	Upper
94	100		
65	45.0	12.9	52.9
66	69.2	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.14 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

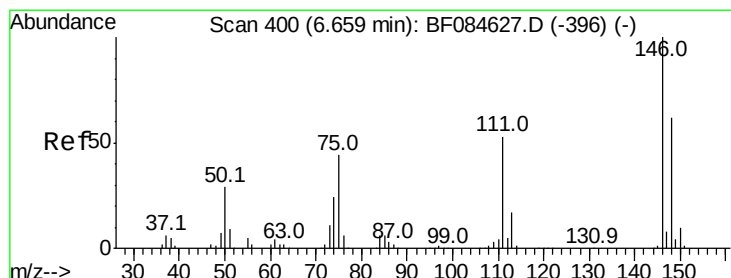
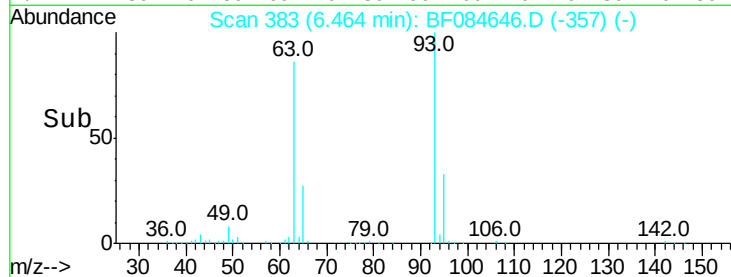
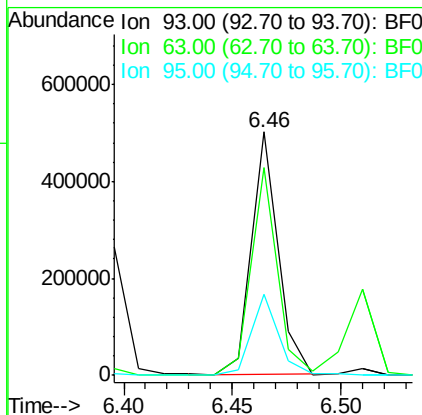
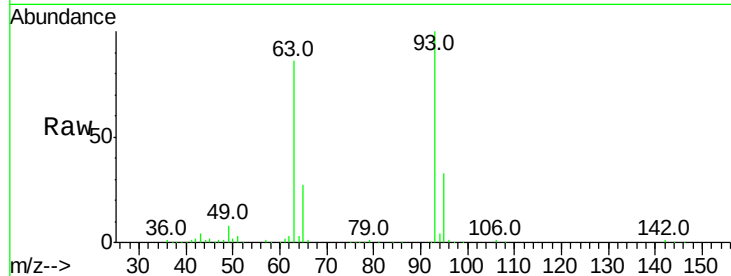
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	427037
Ion Ratio	Lower	Upper	
93	100		
63	85.5	45.9	85.9
95	33.4	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.00 ng m

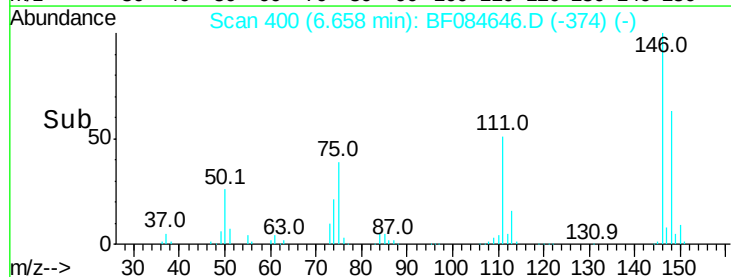
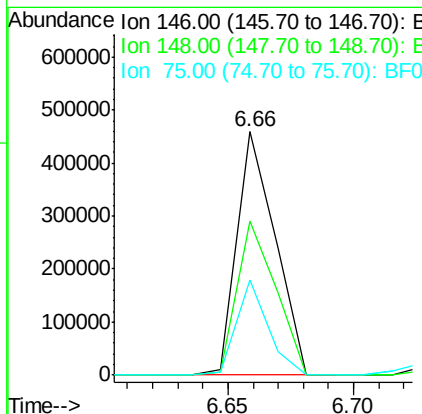
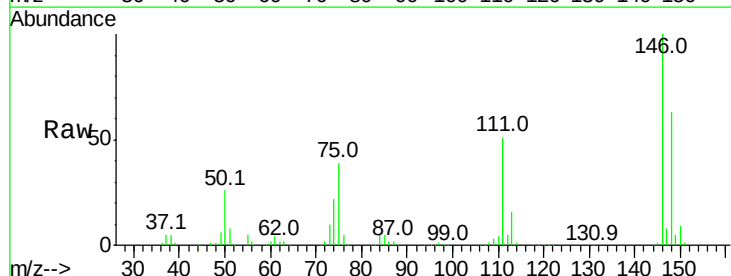
RT: 6.66 min Scan# 400

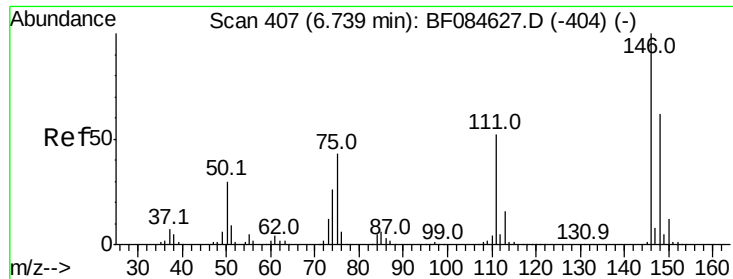
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	146	Resp:	486533
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.9	77.9
75	39.2	20.5	30.7#





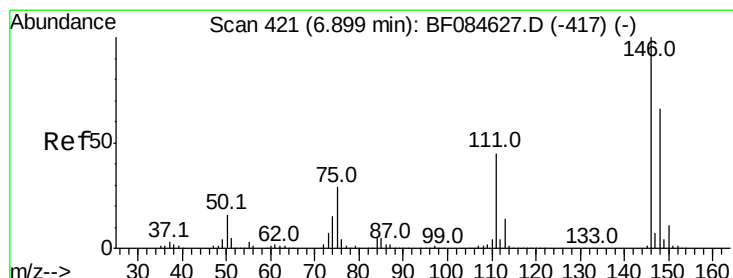
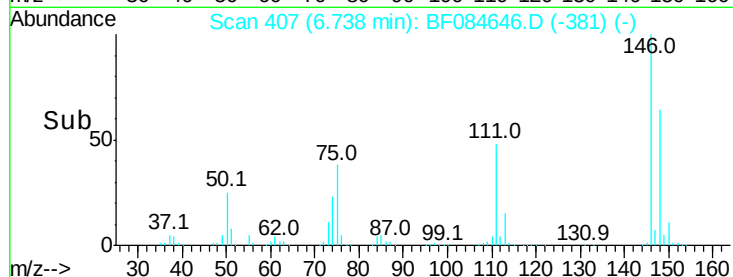
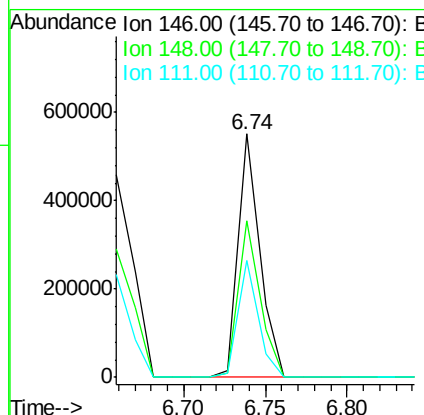
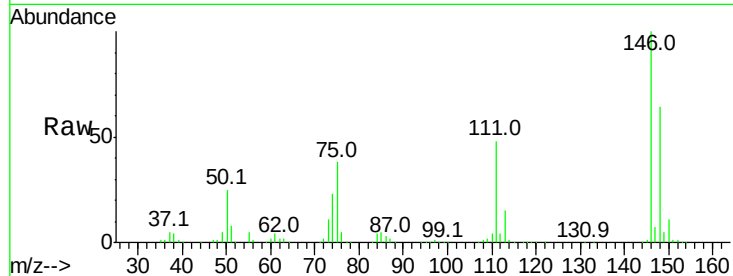
#13
 1,4-Dichlorobenzene
 Concen: 37.74 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	47.8	41.6	62.4

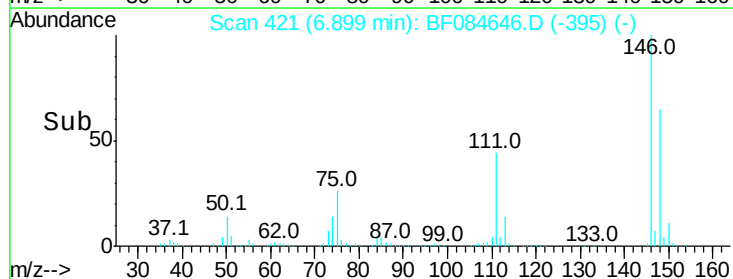
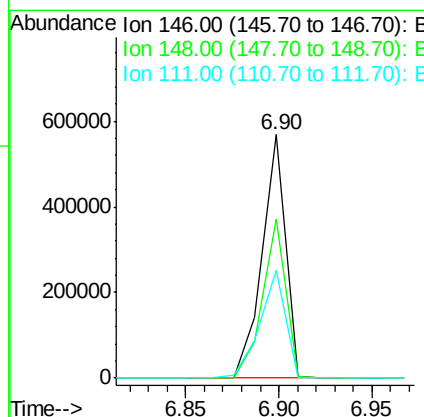
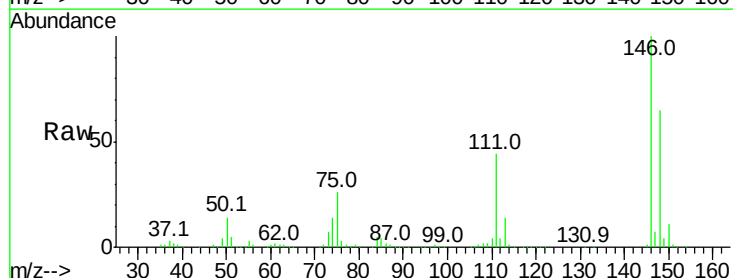
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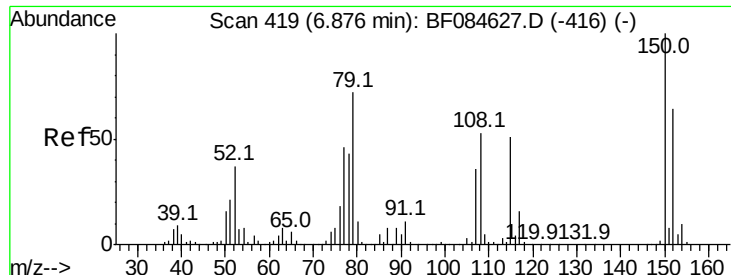
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#14
 1,2-Dichlorobenzene
 Concen: 40.19 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
111	44.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 40.80 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 378551

Ion Ratio Lower Upper

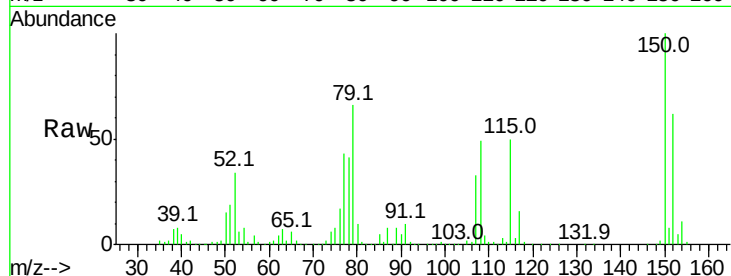
79 100

108 74.7 69.0 103.4

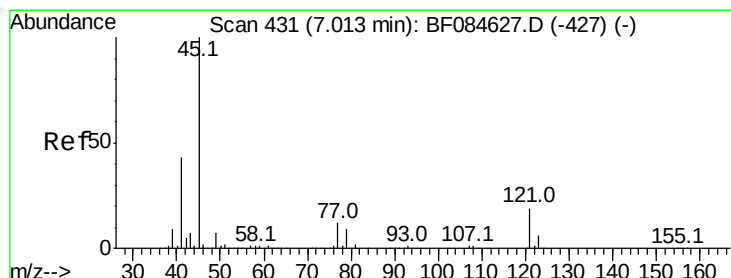
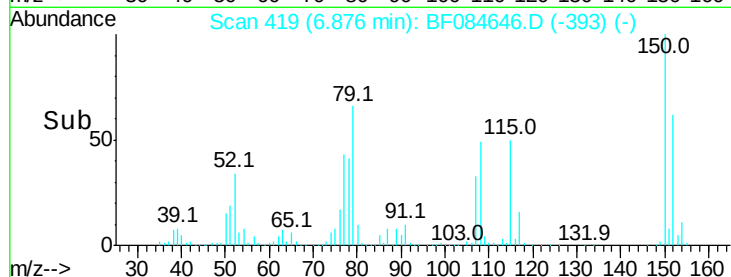
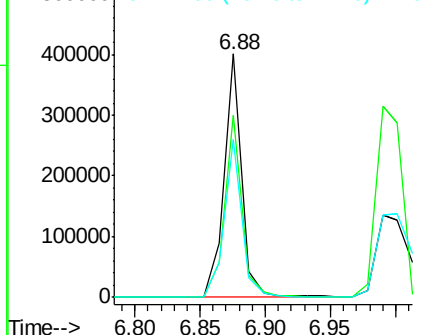
77 64.9 50.0 75.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.39 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

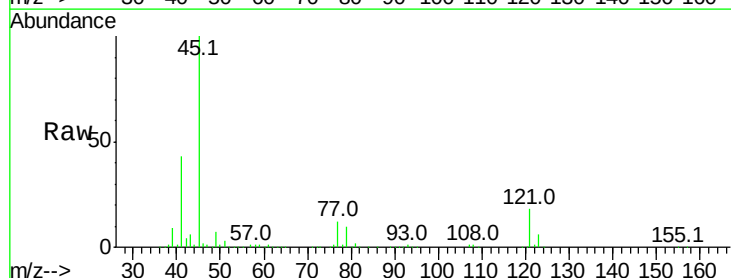
Tgt Ion: 45 Resp: 756084

Ion Ratio Lower Upper

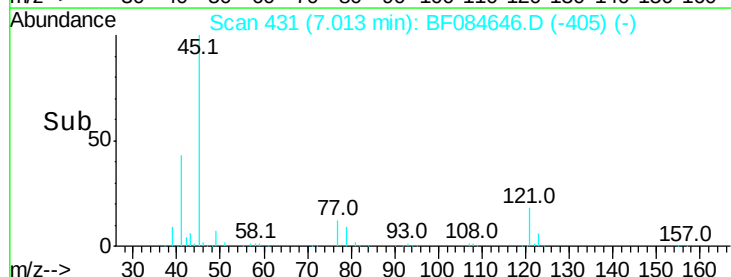
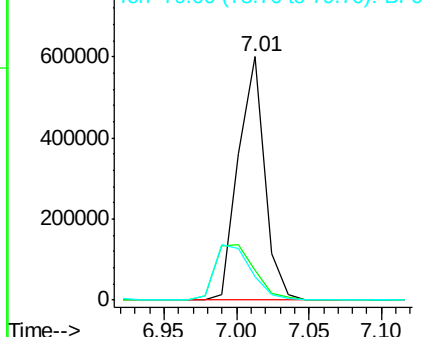
45 100

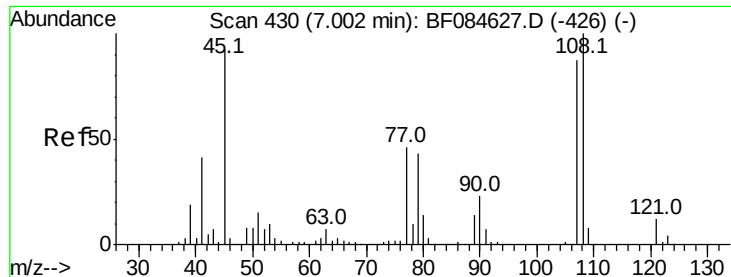
77 12.1 0.0 39.6

79 9.6 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





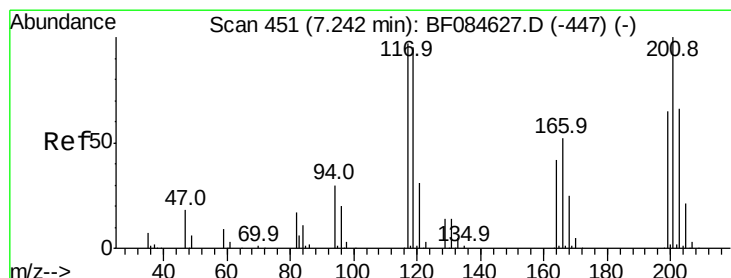
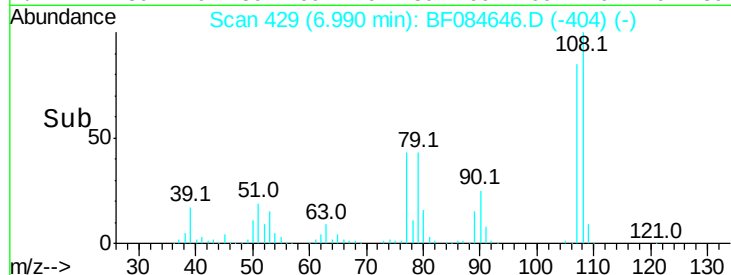
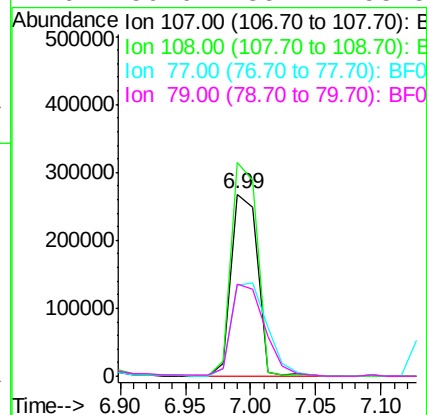
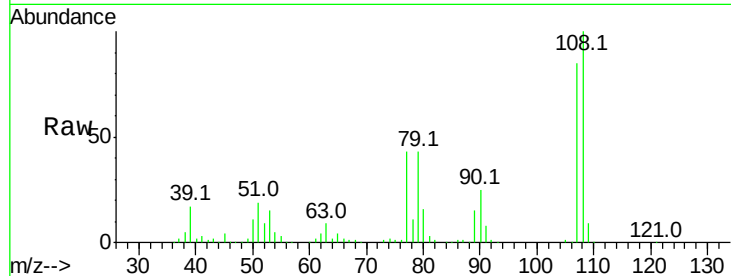
#17
2-Methylphenol
Concen: 38.36 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.5	89.8	134.6	
77	50.3	35.7	53.5	
79	50.6	35.7	53.5	

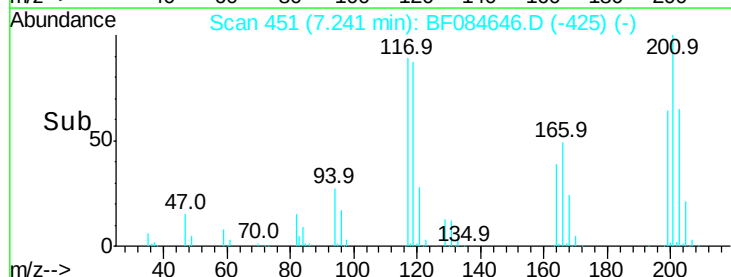
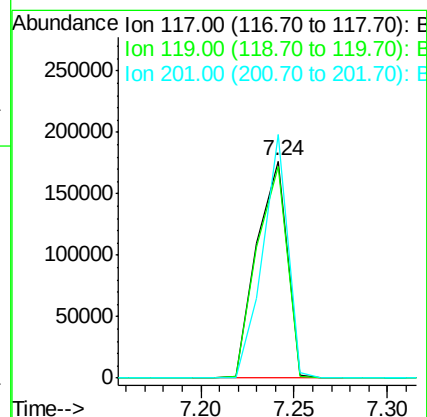
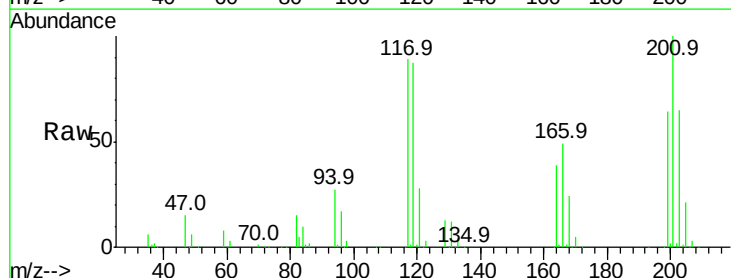
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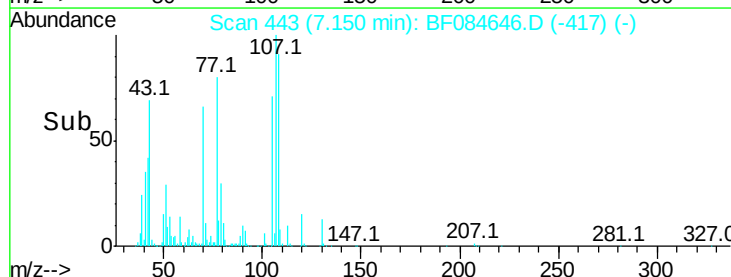
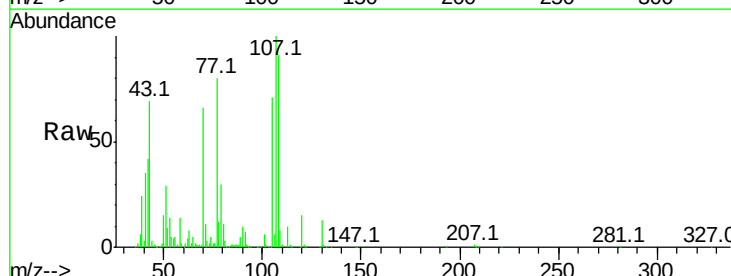
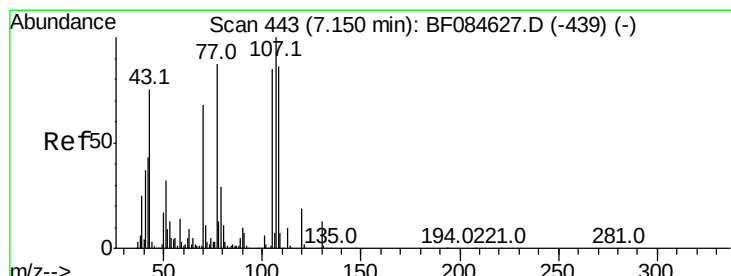
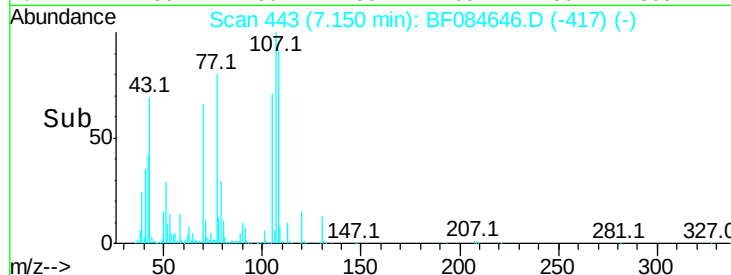
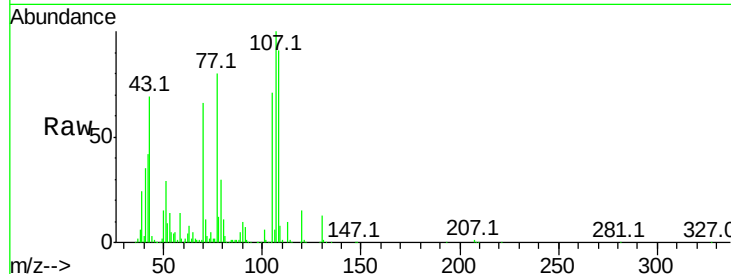
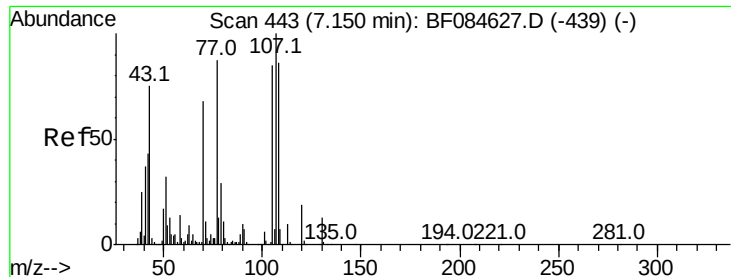
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#18
Hexachloroethane
Concen: 38.28 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	77.4	116.0	
201	112.2	68.6	103.0	





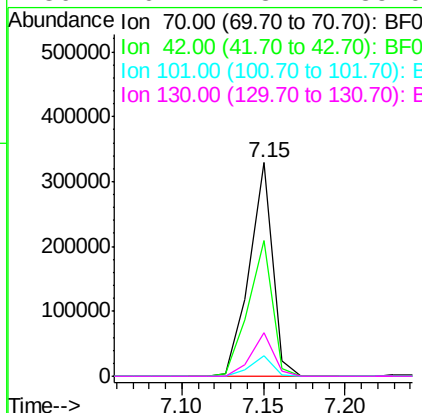
#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	33.3	49.9#
101	9.3	9.3	13.9
130	20.2	23.4	35.0#

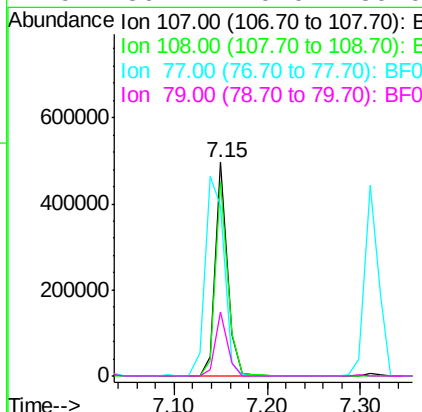
Manual Integrations
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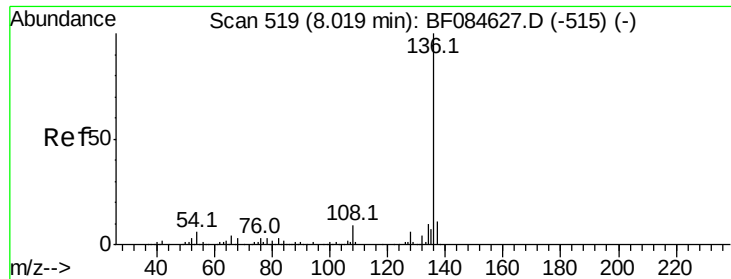
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#20
3+4-Methylphenols
Concen: 37.27 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	74.6	114.6
77	79.7	0.7	40.7#
79	30.2	0.0	39.0





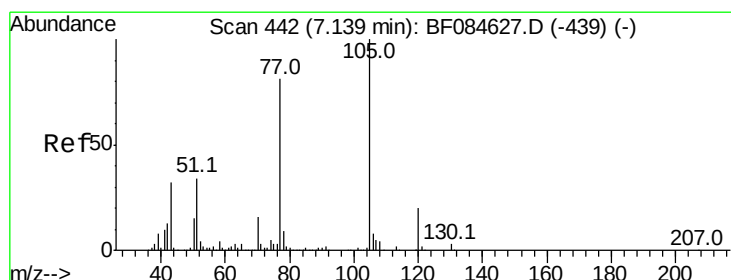
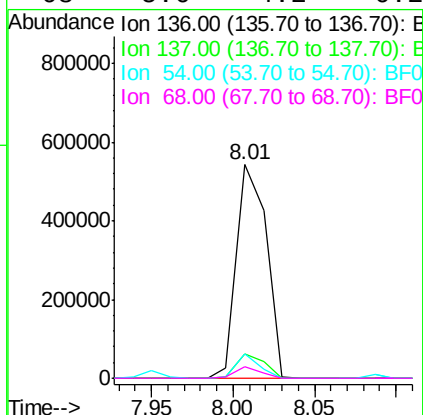
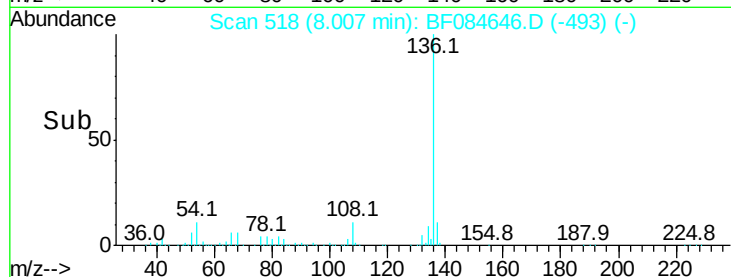
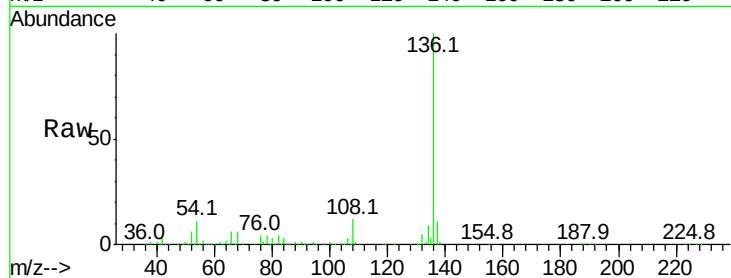
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	683618		
137	11.2	8.7	13.1	
54	11.1	5.8	8.8#	
68	5.6	4.2	6.2	

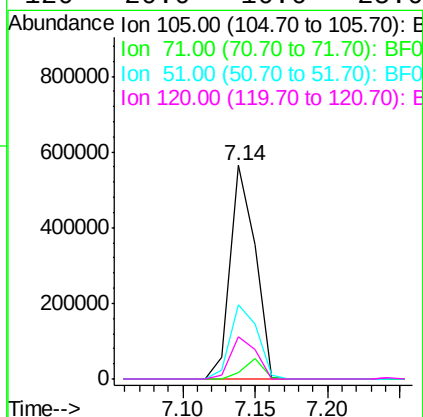
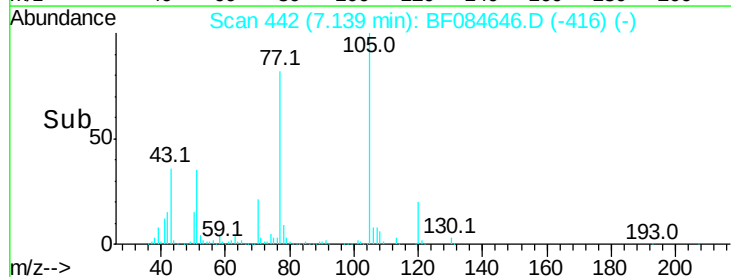
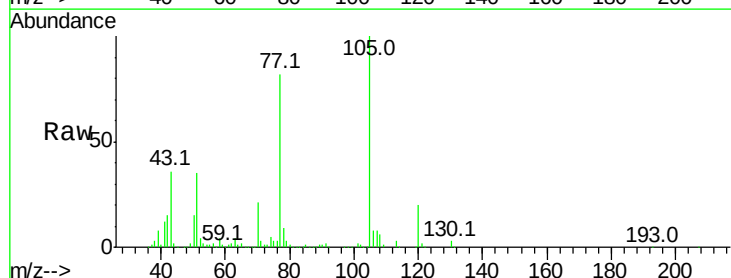
Manual Integrations
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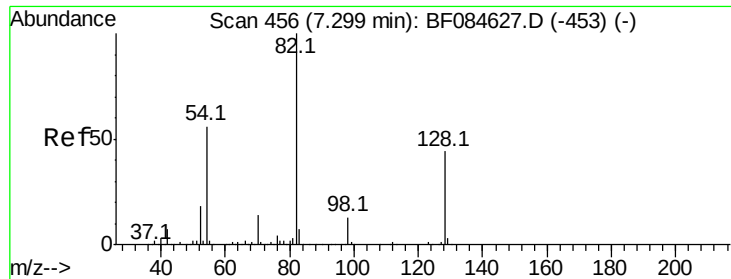
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#22
Acetophenone
Concen: 37.68 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	672670		
71	3.2	3.7	5.5#	
51	34.7	25.1	37.7	
120	20.0	16.6	25.0	





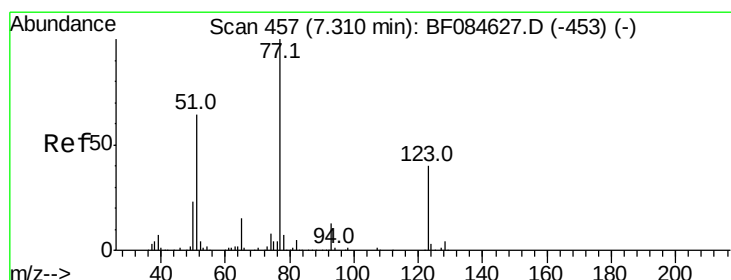
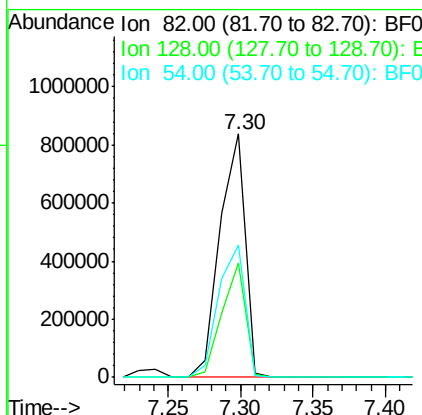
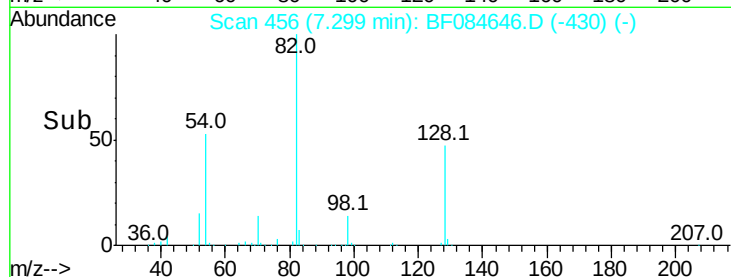
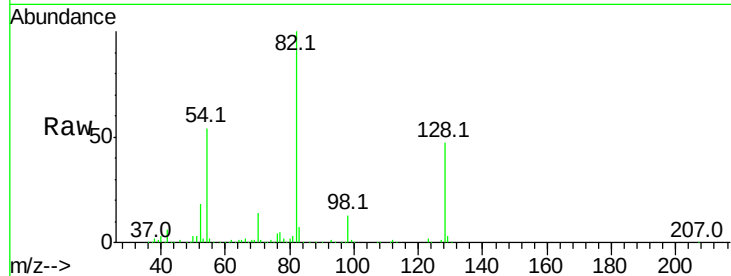
#23
Nitrobenzene-d5
Concen: 82.75 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	51.8
54	54.5	38.4	57.6

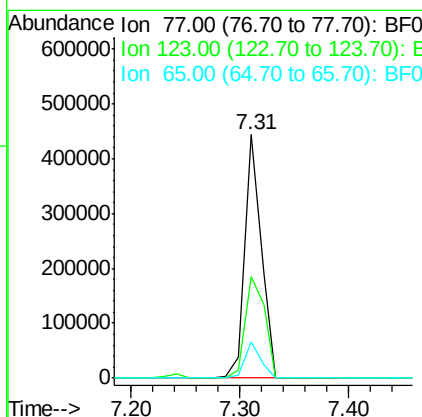
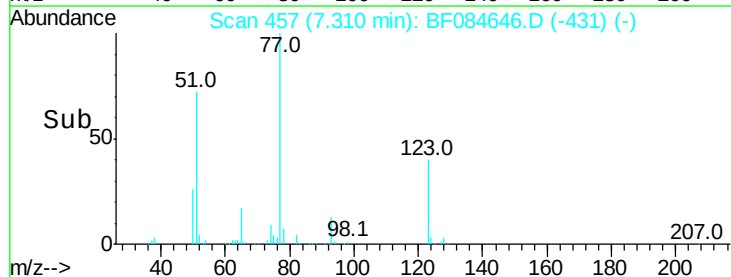
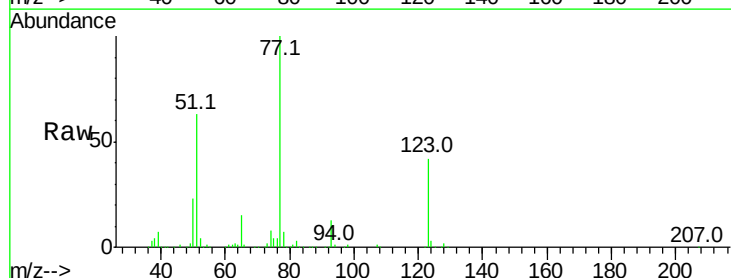
Manual Integrations
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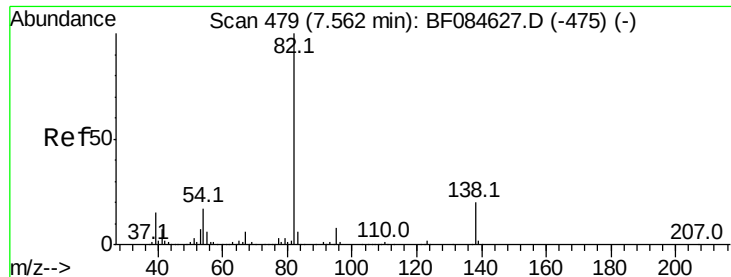
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#24
Nitrobenzene
Concen: 35.78 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 40.91 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

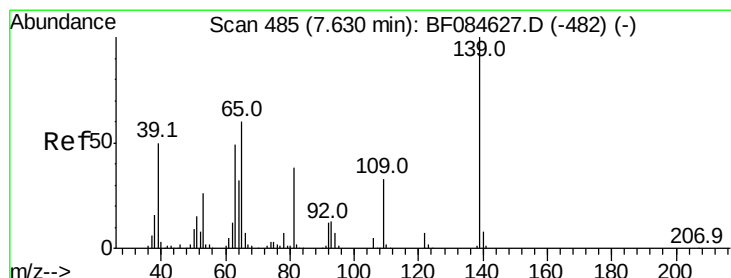
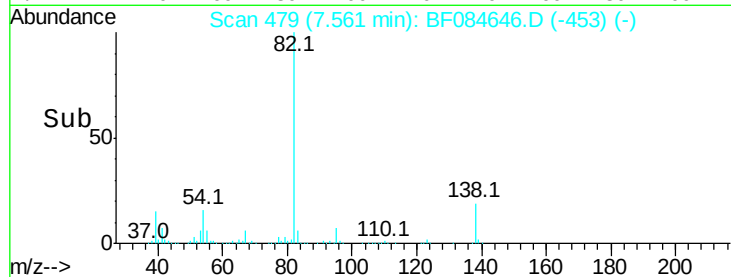
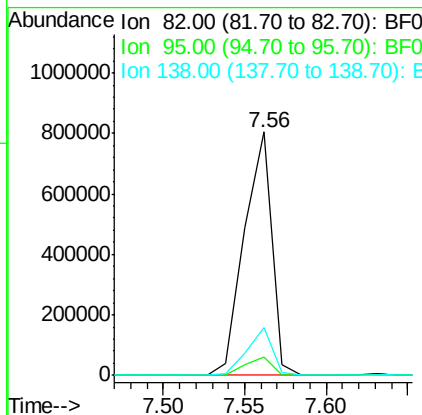
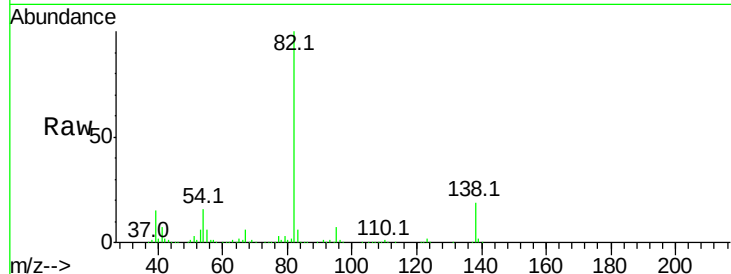
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	937648
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.6	10.0
138	19.4	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.44 ng

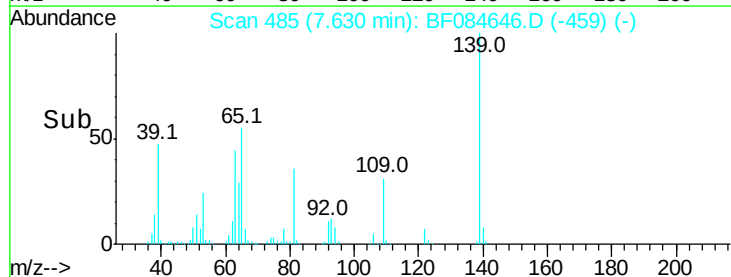
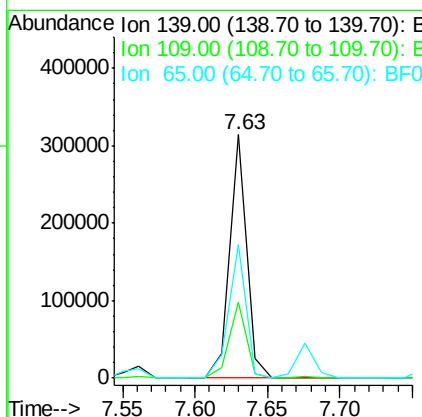
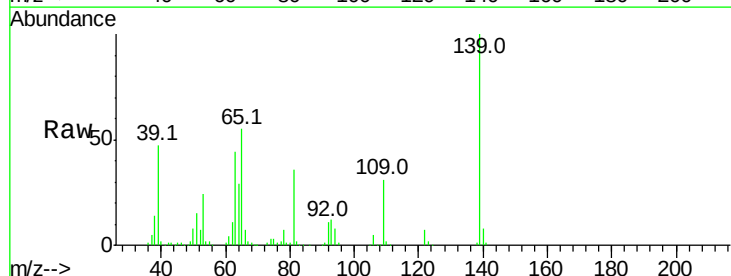
RT: 7.63 min Scan# 485

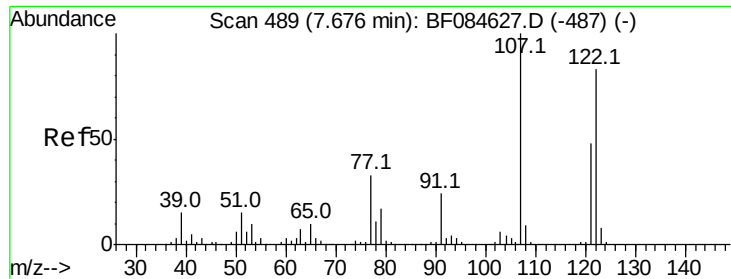
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	139	Resp:	256189
Ion Ratio	Lower	Upper	
139	100		
109	31.2	25.4	38.2
65	55.0	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 36.56 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

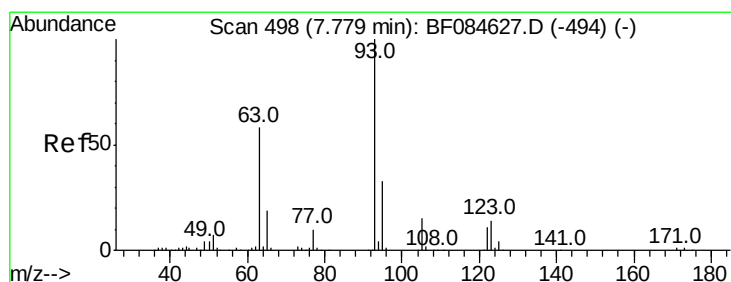
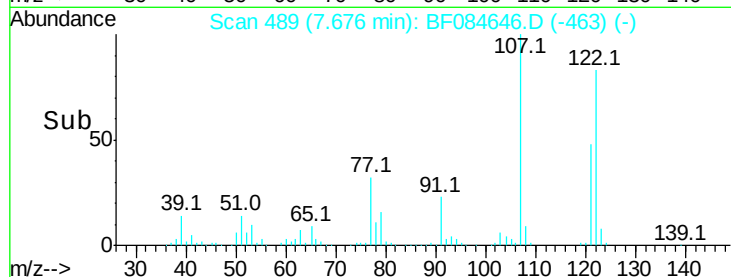
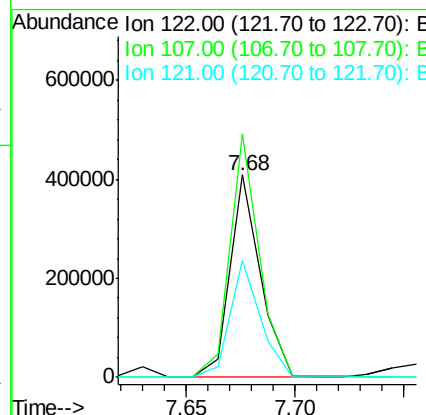
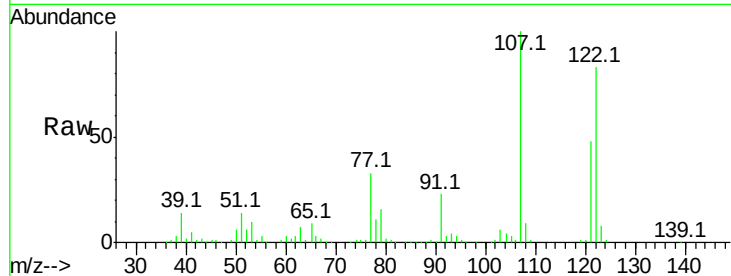
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	396090
Ion Ratio	Lower	Upper	
122	100		
107	120.3	99.1	148.7
121	57.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 36.75 ng

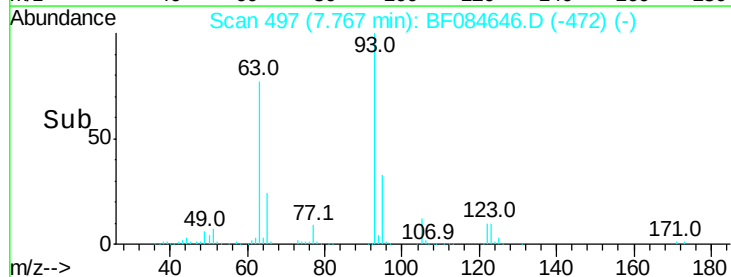
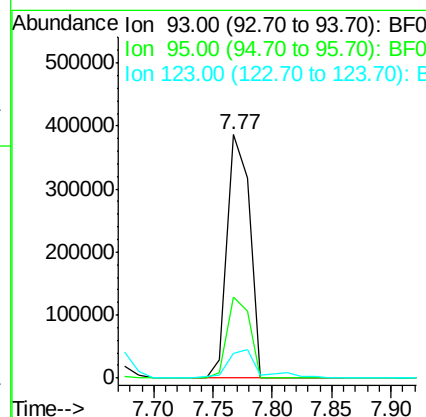
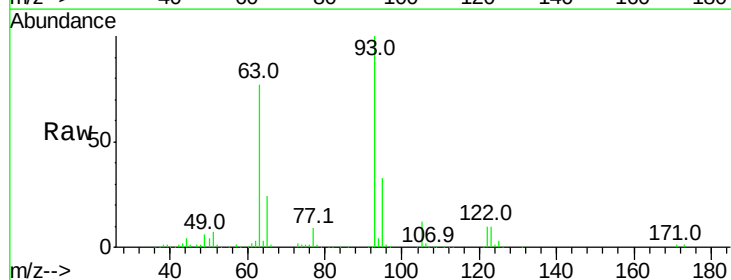
RT: 7.77 min Scan# 497

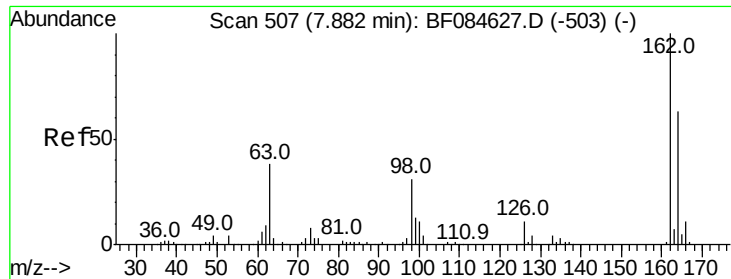
Delta R.T. -0.01 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	93	Resp:	505528
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.8	38.6
123	10.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 39.55 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

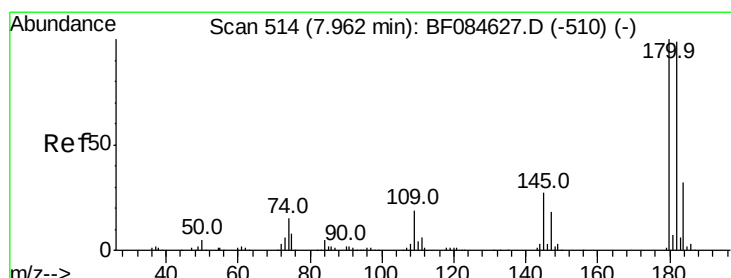
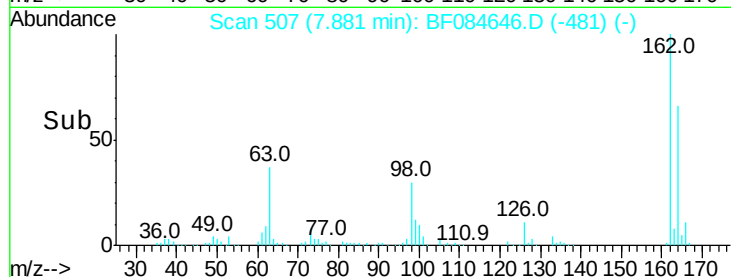
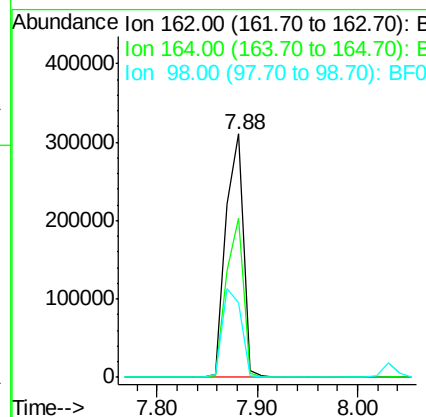
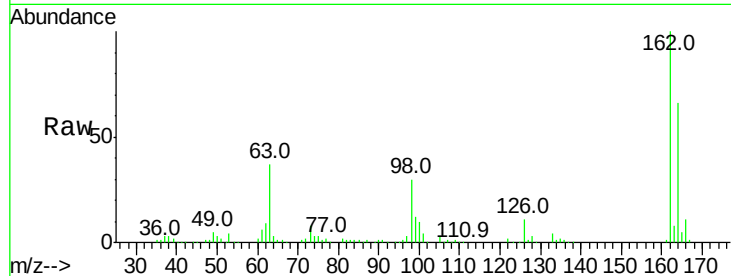
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	374771
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.1	84.1
98	30.5	20.2	60.2

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.60 ng

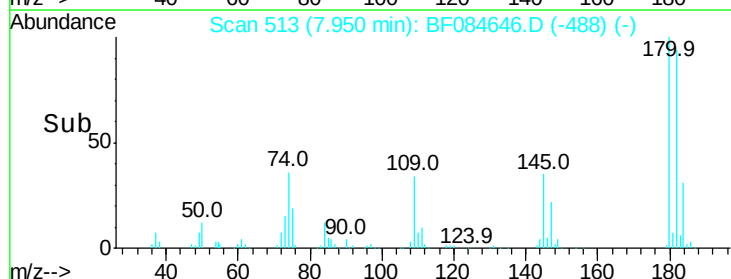
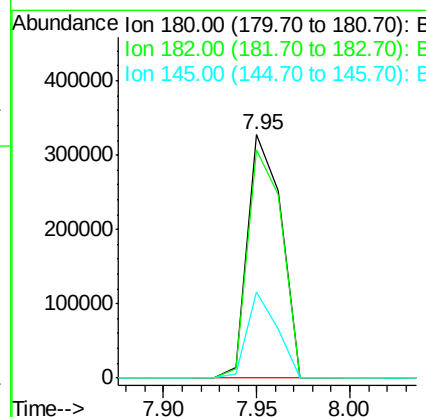
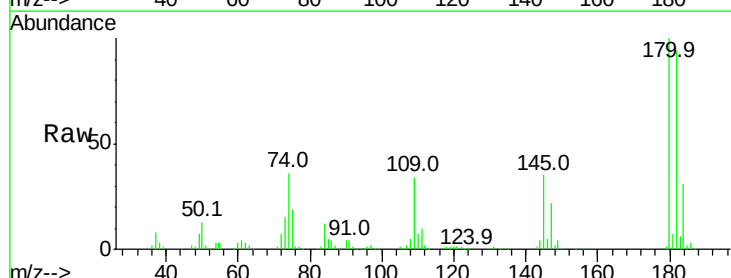
RT: 7.95 min Scan# 513

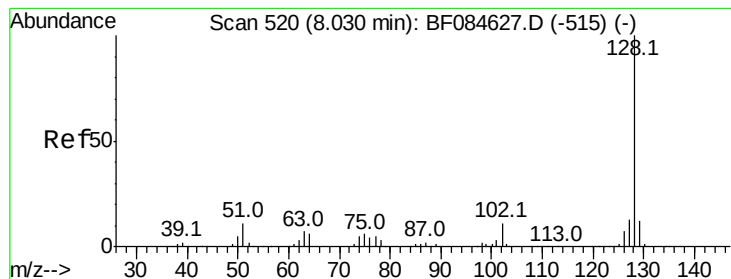
Delta R.T. -0.01 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	180	Resp:	407426
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.4	114.6
145	35.3	31.6	47.4





#31

Naphthalene

Concen: 36.40 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

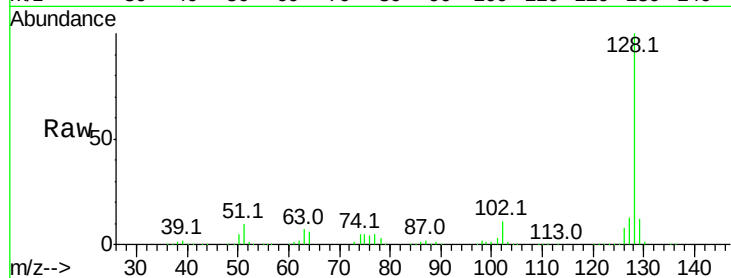
ClientSampleId :

SSTDCCC040

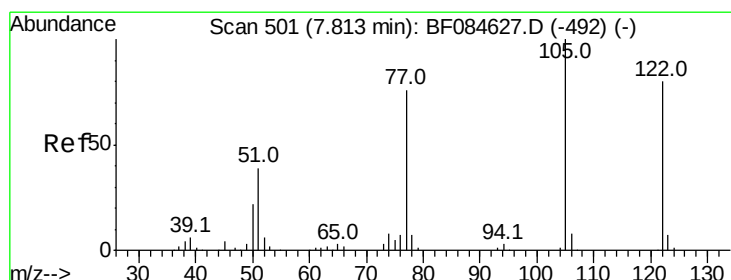
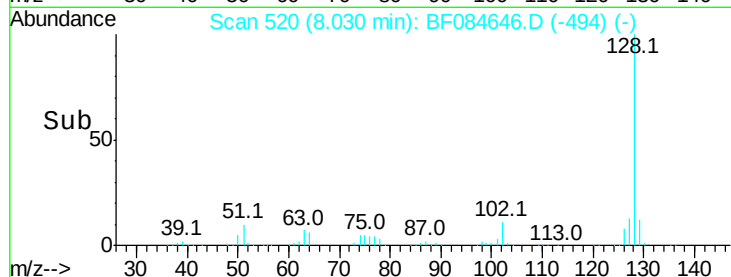
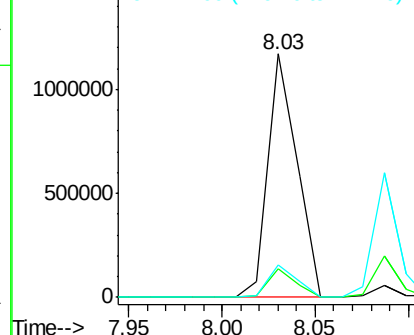
Tot Ion:	128	Resp:	1256263
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	11.1	16.7

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



#32

Benzoic acid

Concen: 39.65 ng

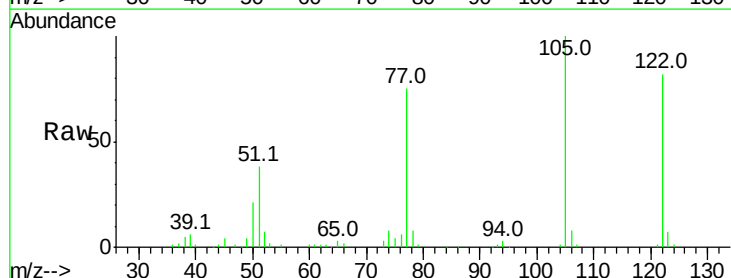
RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

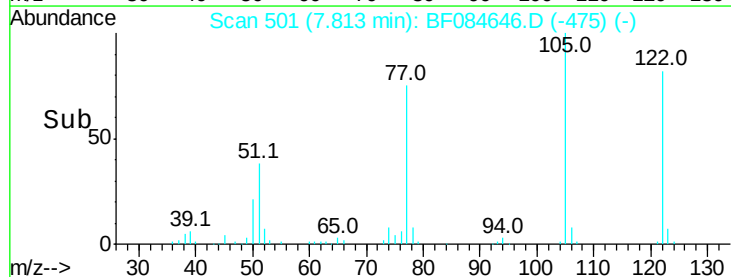
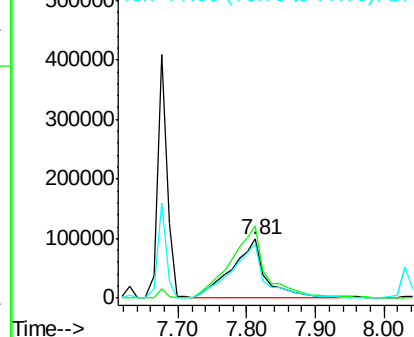
Lab File: BF084646.D

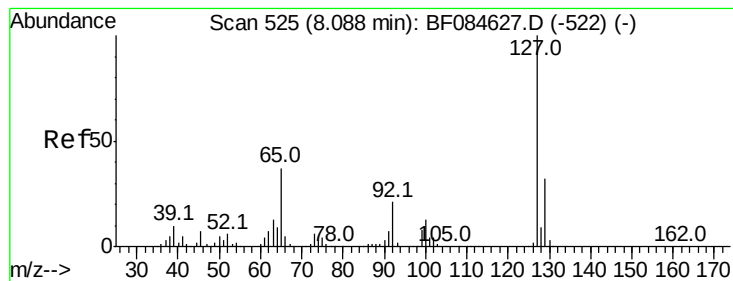
Acq: 29 Jan 2016 20:23

Tgt Ion:	122	Resp:	329766
Ion	Ratio	Lower	Upper
122	100		
105	121.9	100.3	140.3
77	91.0	63.5	103.5



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





#33

4-Chloroaniline

Concen: 38.60 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

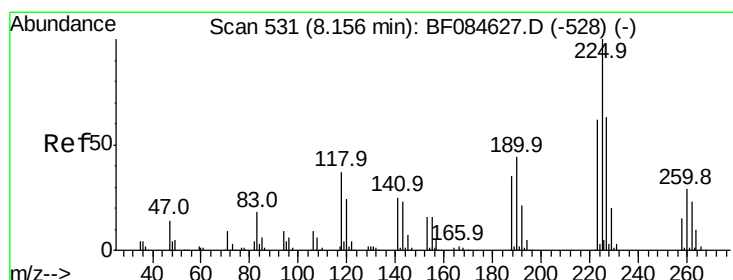
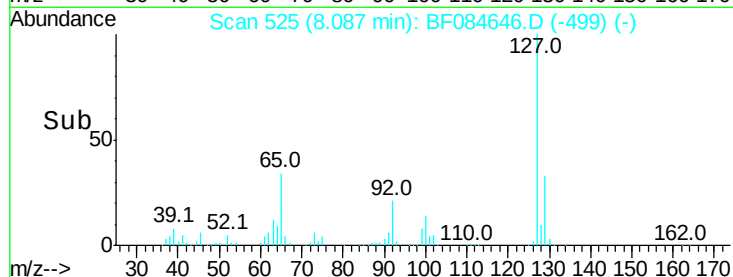
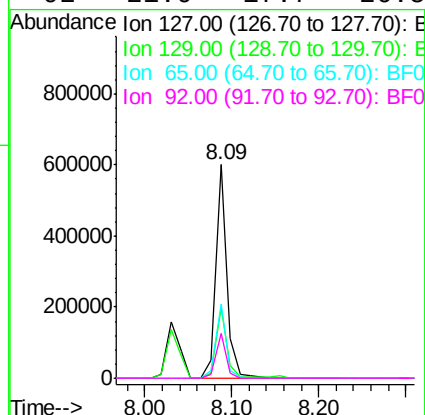
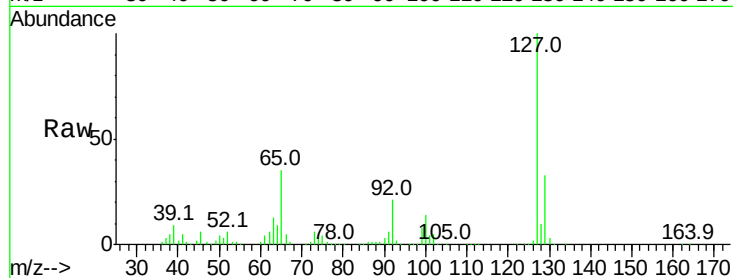
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
541744	127	100			
	129	33.0	26.5	39.7	
	65	34.7	27.2	40.8	
	92	21.0	17.7	26.5	

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#34

Hexachlorobutadiene

Concen: 38.73 ng

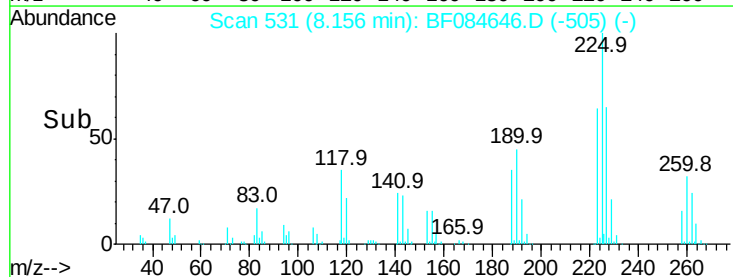
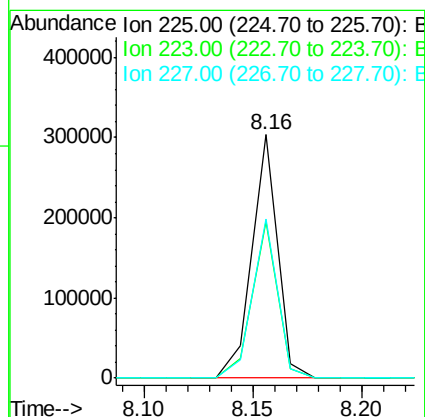
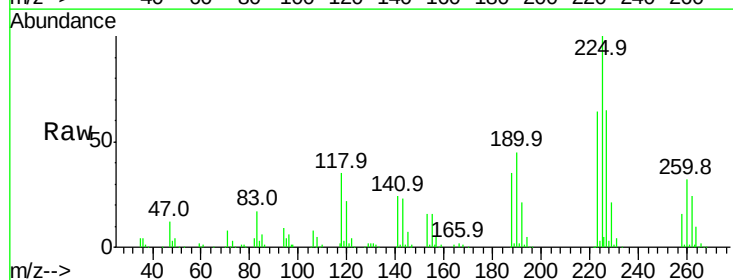
RT: 8.16 min Scan# 531

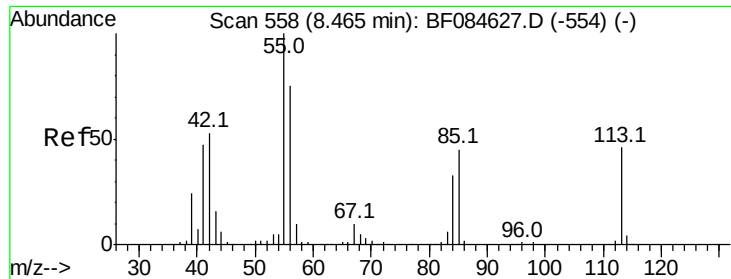
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248036	225	100			
	223	64.1	49.4	74.0	
	227	65.4	50.8	76.2	





#35

Caprolactam

Concen: 45.67 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

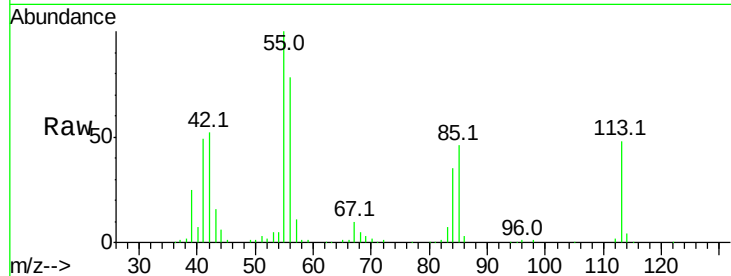
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	124205
Ion Ratio	Lower	Upper	
113	100		
55	209.0	116.9	156.9#
56	163.2	93.8	133.8#

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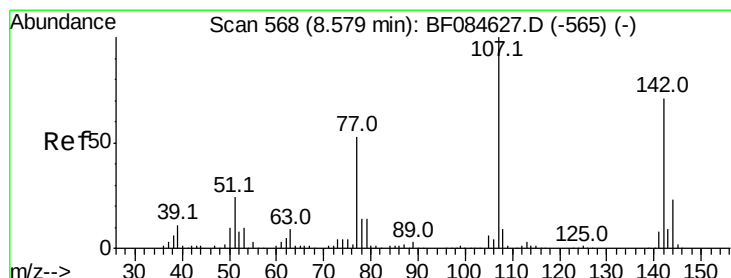
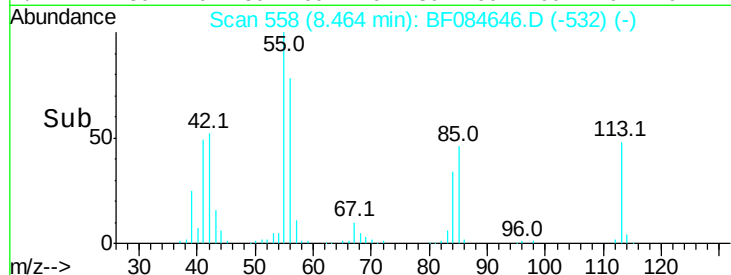
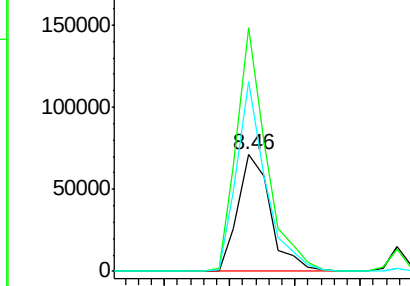
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.81 ng

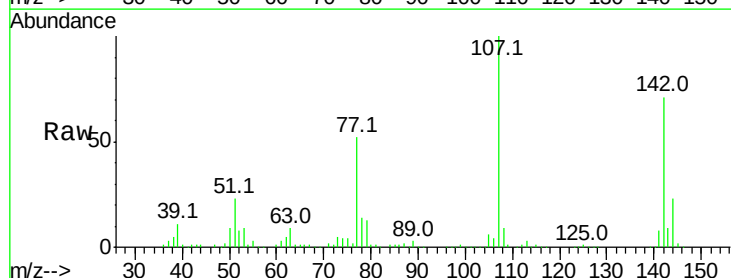
RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

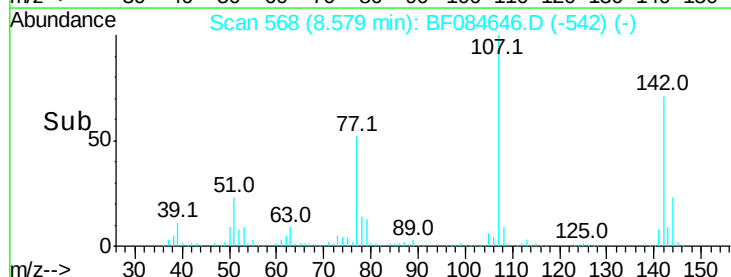
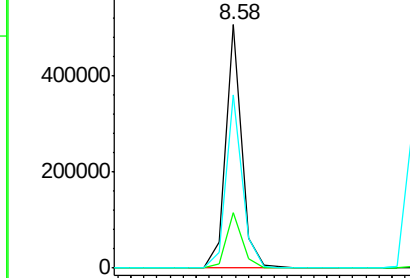
Tgt Ion:	107	Resp:	436244
Ion Ratio	Lower	Upper	
107	100		
144	22.9	19.7	29.5
142	71.2	61.8	92.6

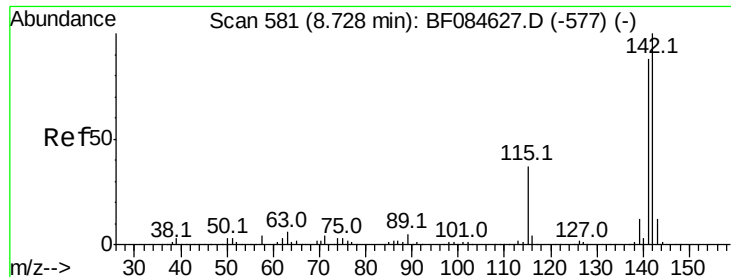


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





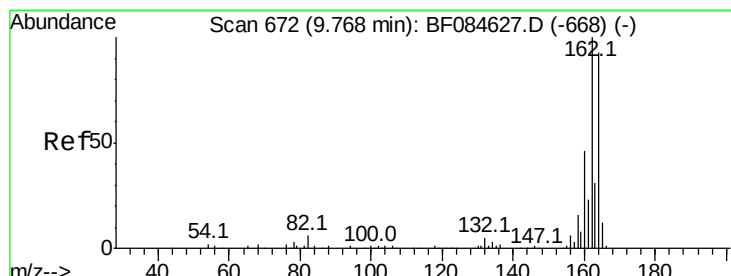
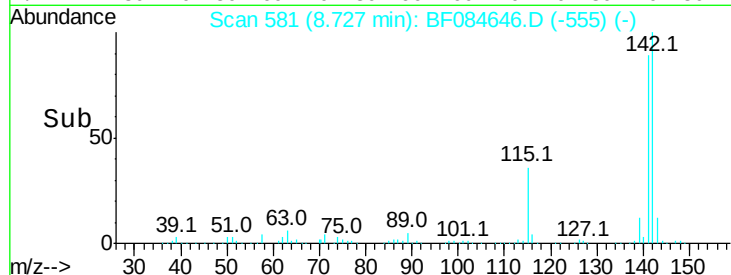
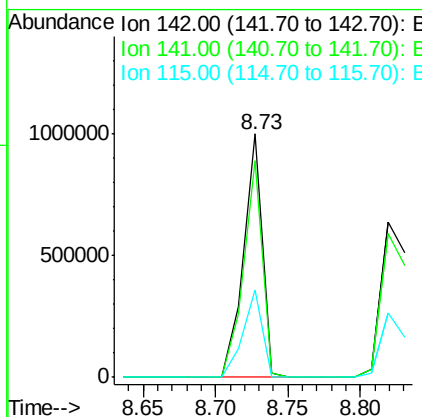
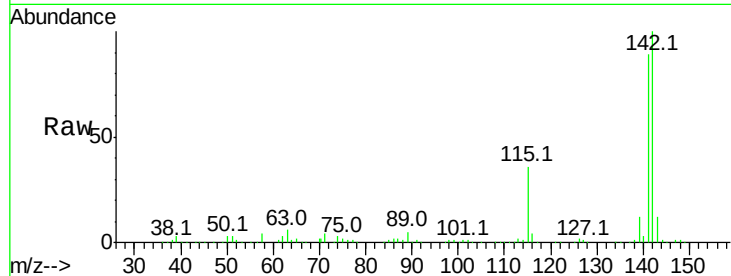
#37
2-Methylnaphthalene
Concen: 42.51 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	900594		
141	88.9	72.4	108.6	
115	36.0	27.9	41.9	

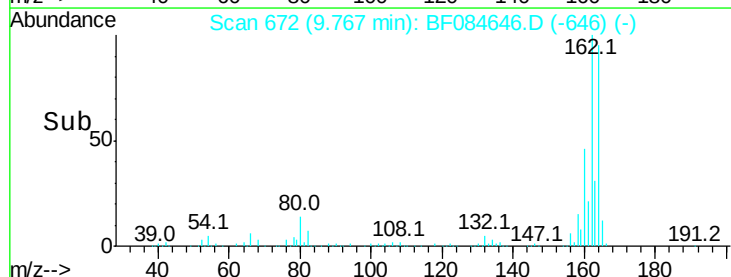
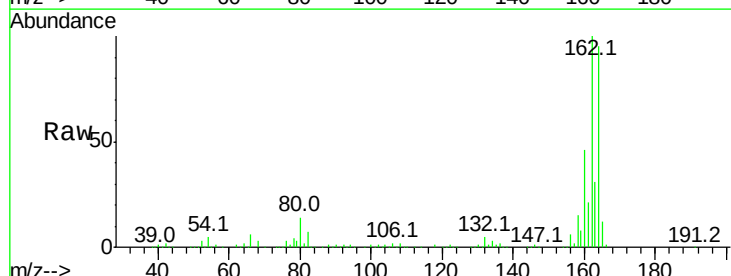
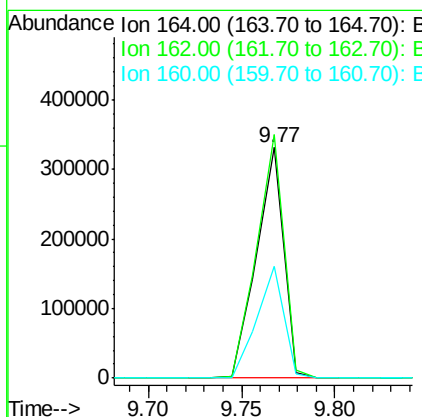
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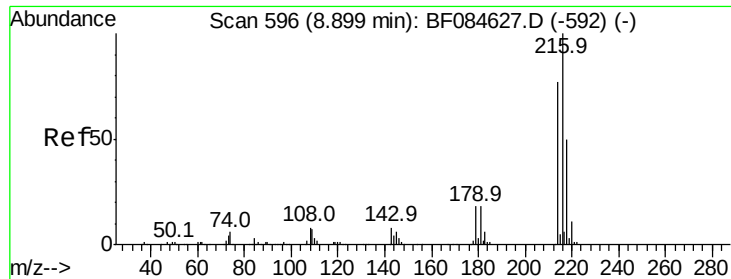
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	331846		
162	105.5	85.1	127.7	
160	48.4	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.82 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

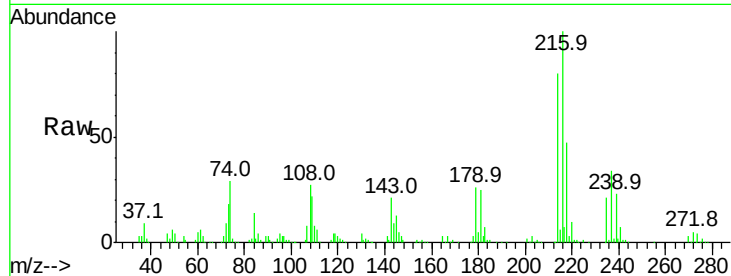
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	385496		
214	79.6	64.2	96.2	
179	22.9	18.7	28.1	
108	20.8	16.8	25.2	

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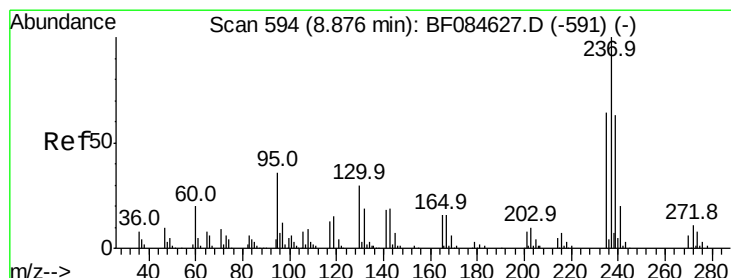
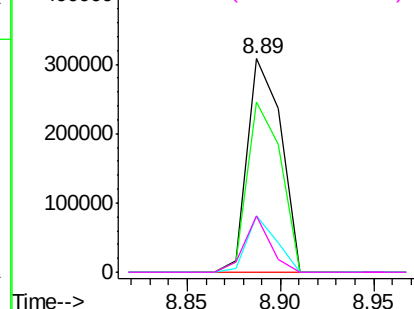
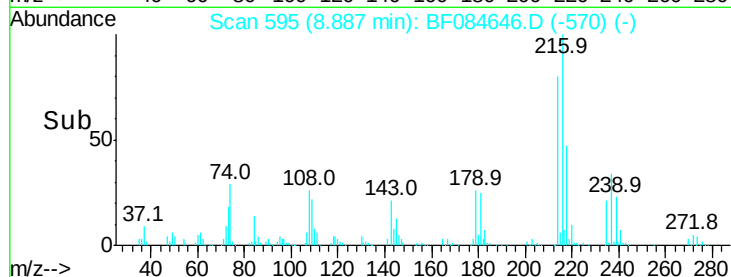


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.02 ng

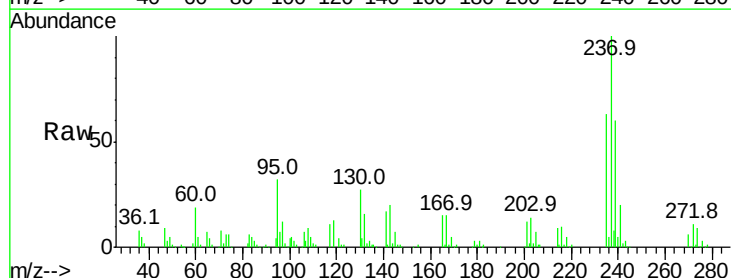
RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

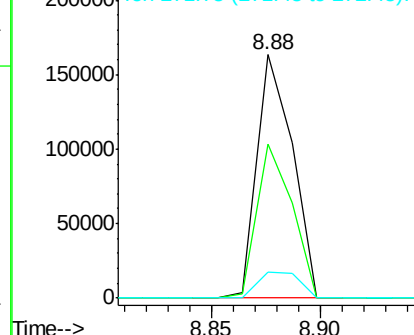
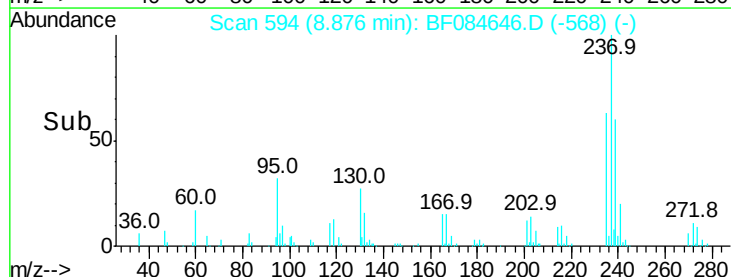
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186056		
235	63.0	43.1	83.1	
272	10.8	0.0	35.1	

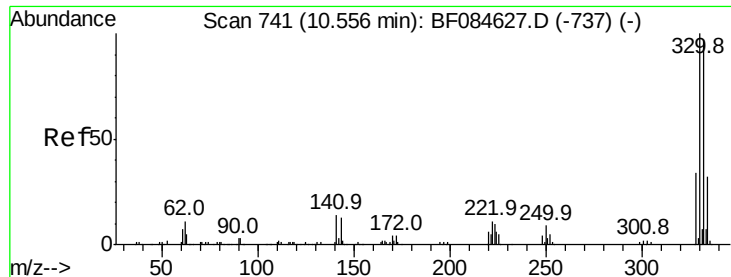


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





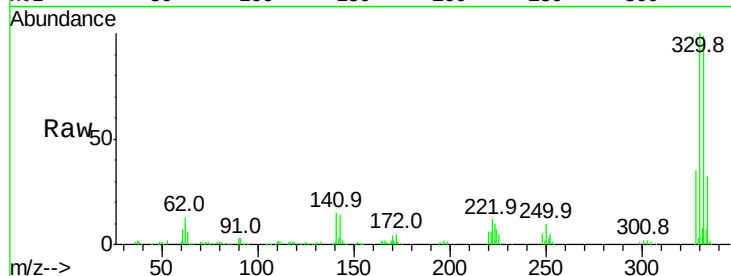
#41
 2,4,6-Tribromophenol
 Concen: 85.07 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

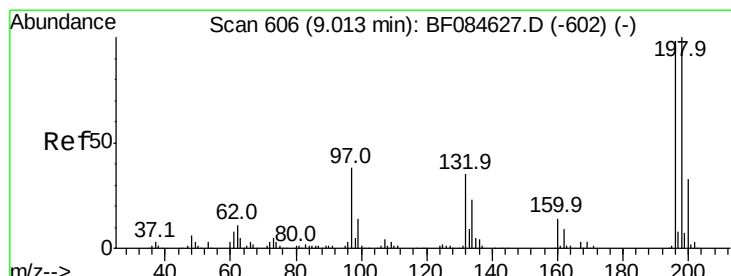
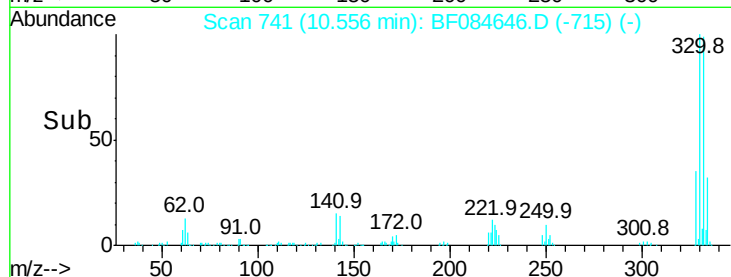
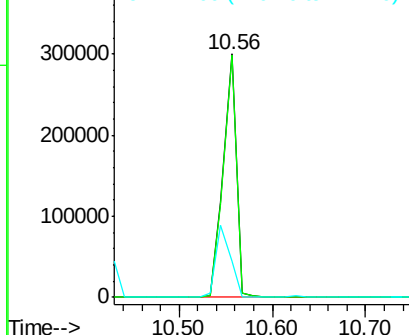
Tot Ion	Ratio	Resp	Lower	Upper
330	100	295879		
332	99.2	76.6	114.8	
141	32.6	27.8	41.6	

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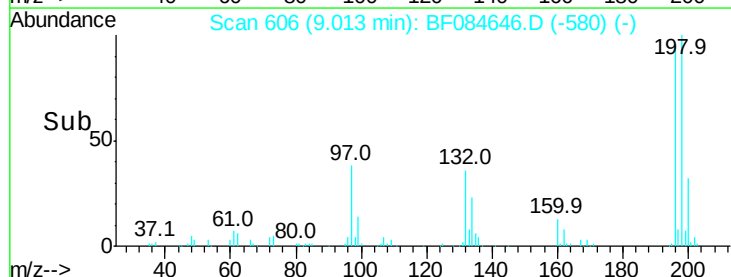
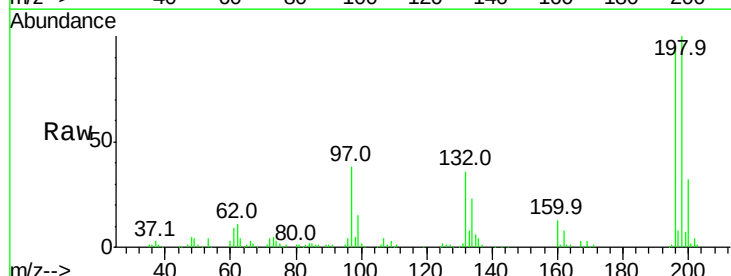
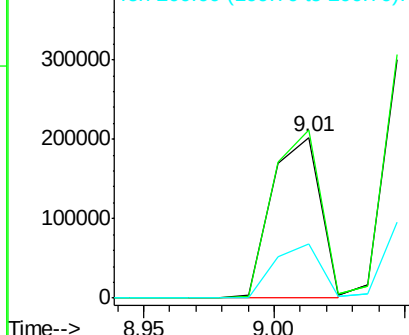
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

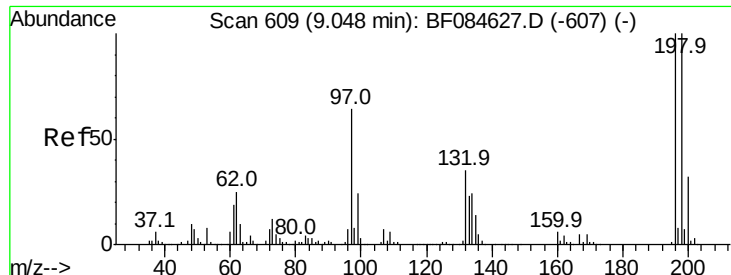


#42
 2,4,6-Trichlorophenol
 Concen: 39.07 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261191		
198	104.7	77.7	116.5	
200	34.0	24.6	37.0	

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





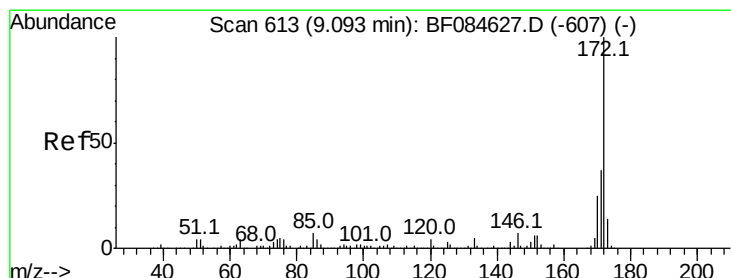
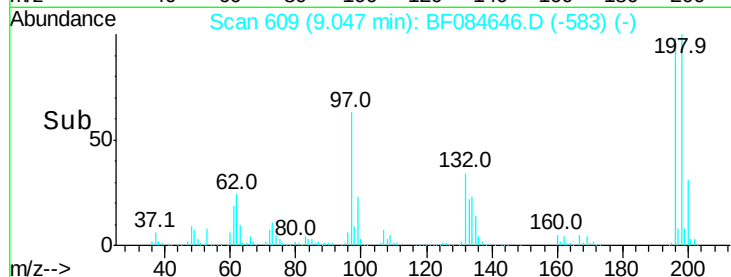
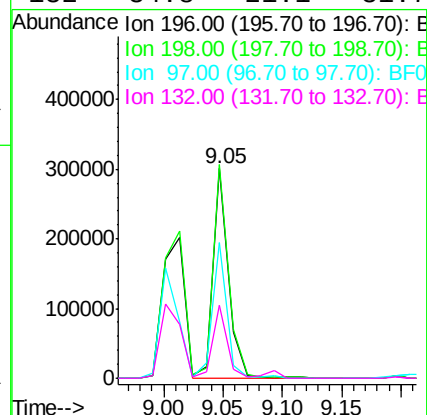
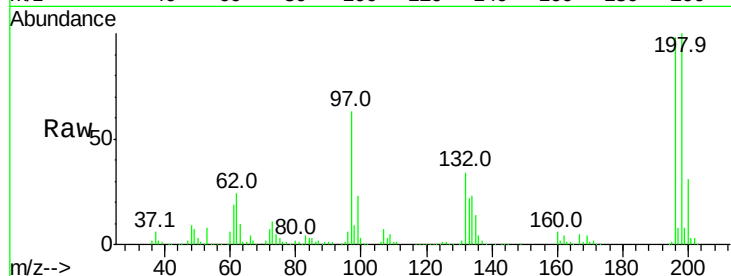
#43
 2,4,5-Trichlorophenol
 Concen: 38.94 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	268791
Ion Ratio	Lower	Upper	
196	100		
198	101.9	79.0	118.6
97	64.6	33.0	49.6#
132	34.8	21.1	31.7#

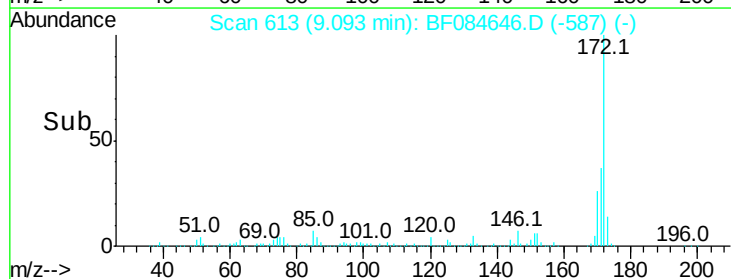
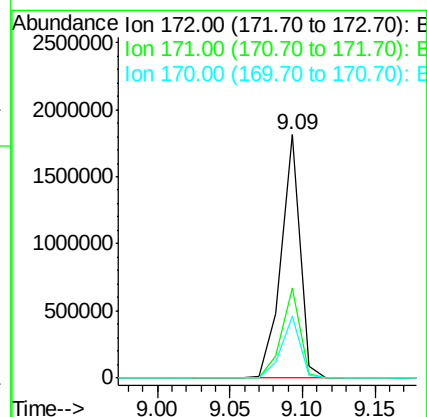
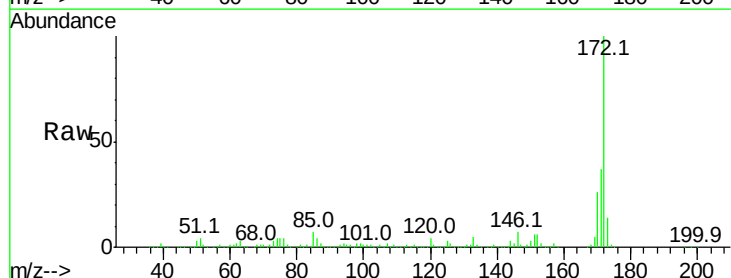
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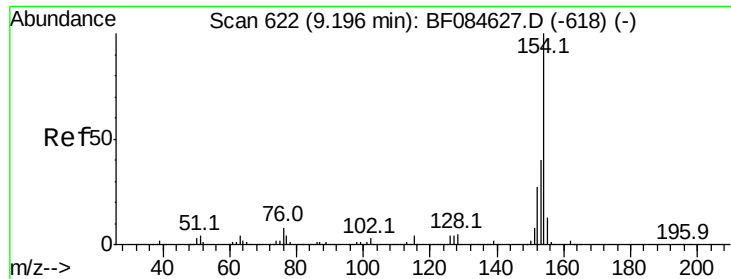
mohammad
 2/1/2016 2:24:26 PM



#44
 2-Fluorobiphenyl
 Concen: 73.50 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	172	Resp	1640923
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.9	43.3
170	25.5	18.6	27.8





#45

1,1'-Biphenyl

Concen: 38.44 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1169264

Ion Ratio Lower Upper

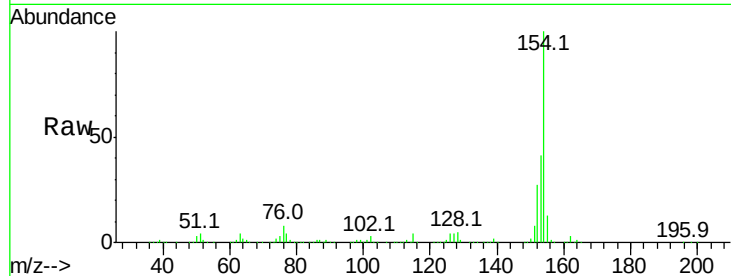
154 100

153 40.6 21.6 61.6

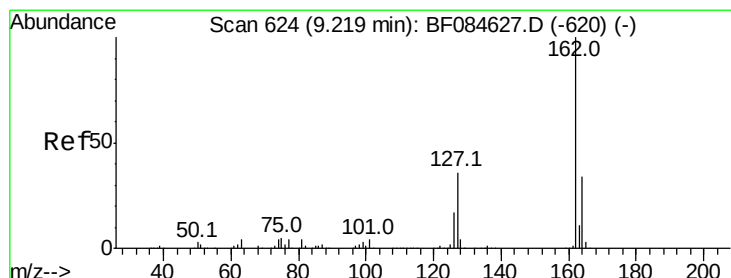
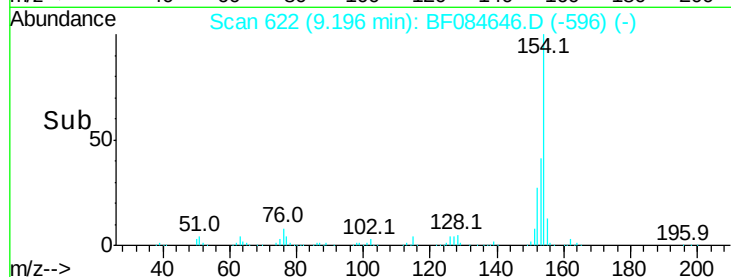
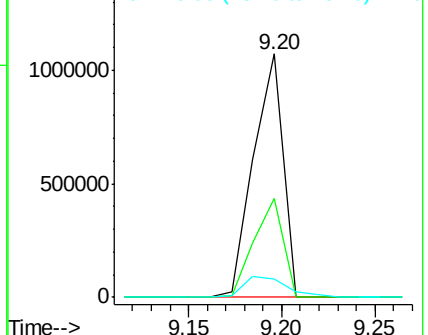
76 7.7 0.0 32.7

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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: 36.85 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

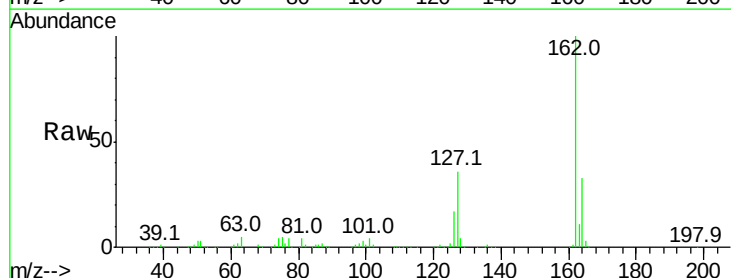
Tgt Ion:162 Resp: 817609

Ion Ratio Lower Upper

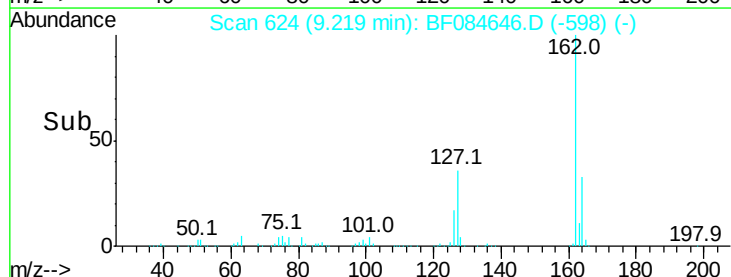
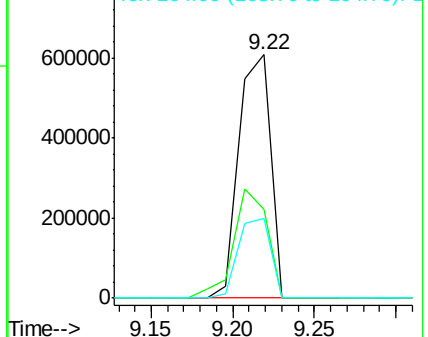
162 100

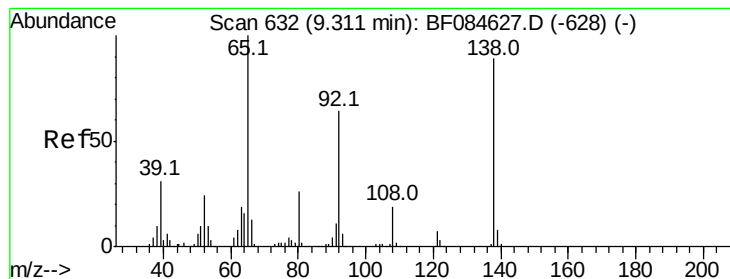
127 36.4 40.2 60.4#

164 33.0 25.7 38.5



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





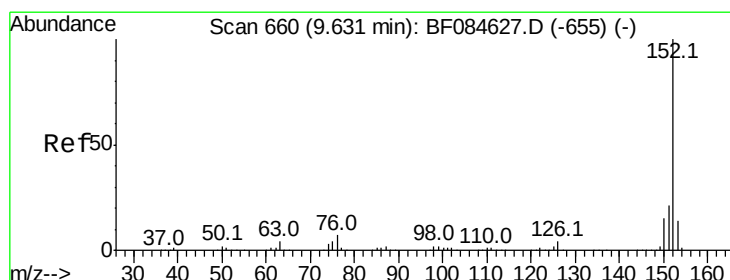
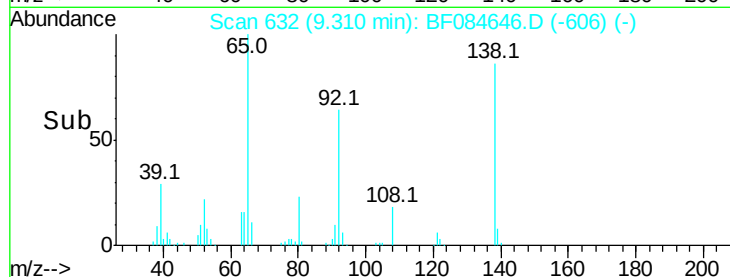
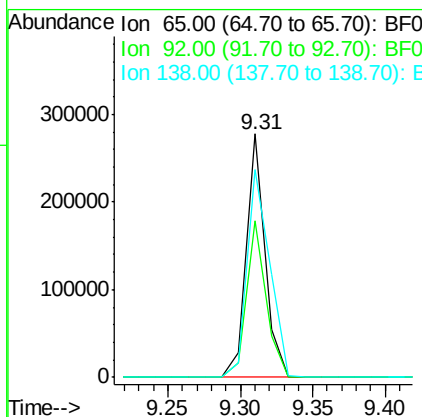
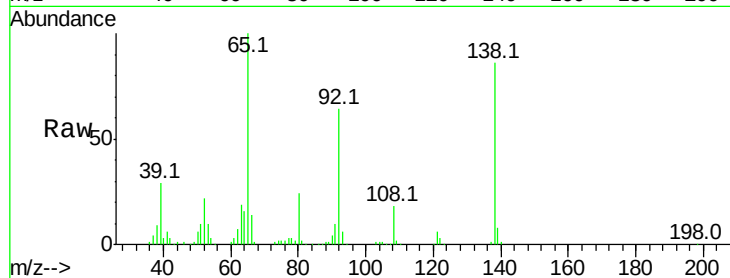
#47
2-Nitroaniline
Concen: 37.37 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.4	80.2
138	85.6	71.1	106.7

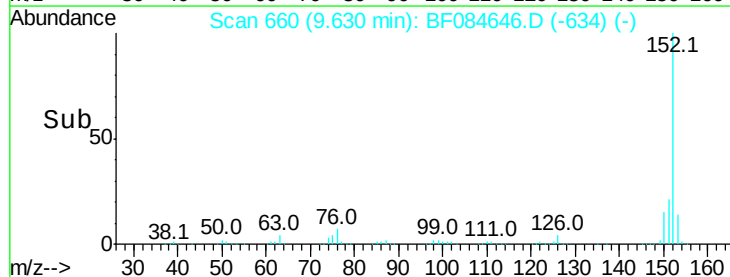
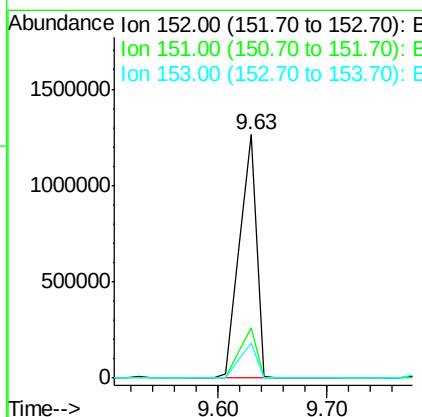
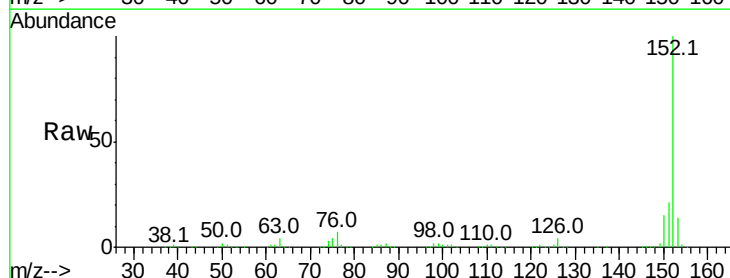
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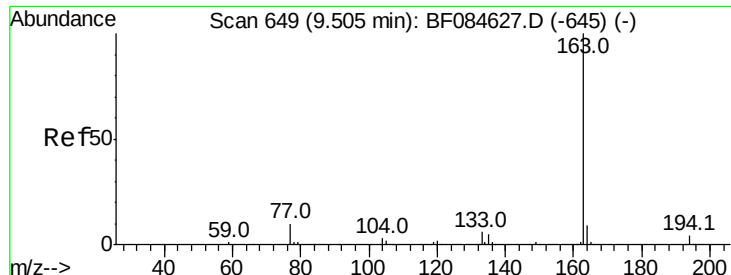
mohammad
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#48
Acenaphthylene
Concen: 39.73 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.3	10.4	15.6





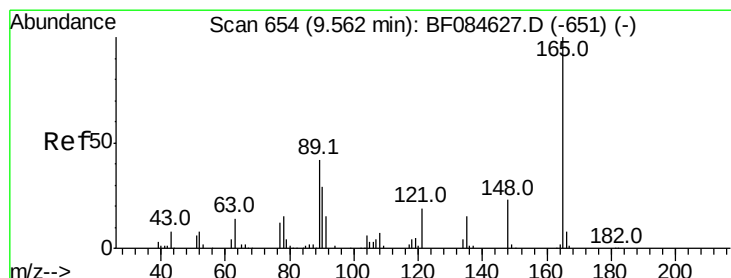
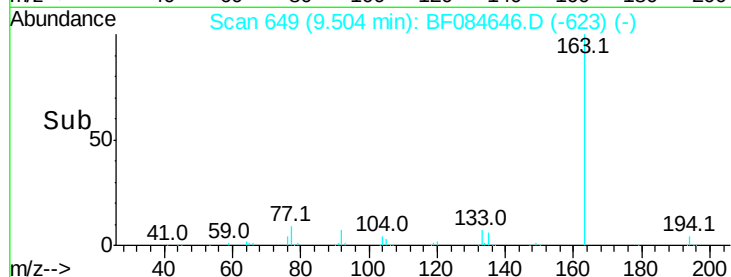
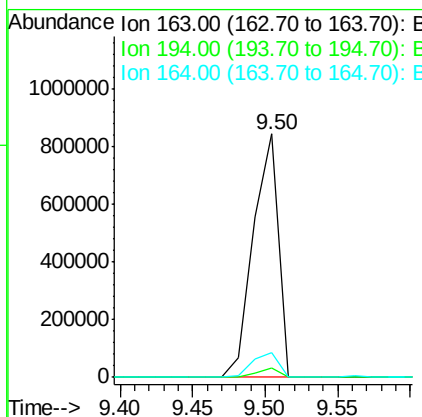
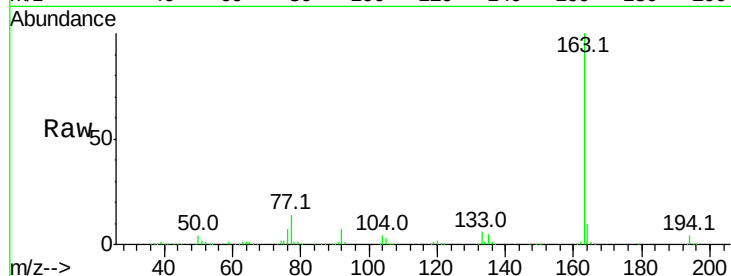
#49
Dimethylphthalate
Concen: 40.65 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1012538
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 10.0 8.0 12.0

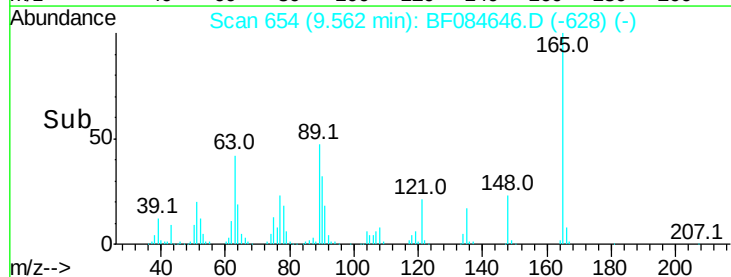
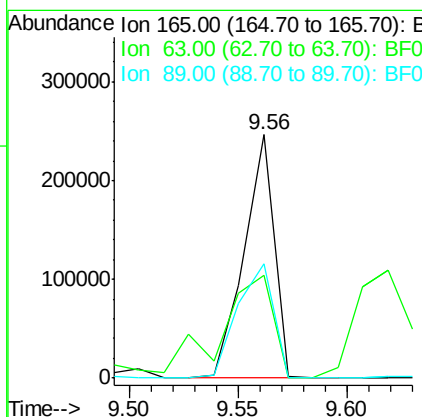
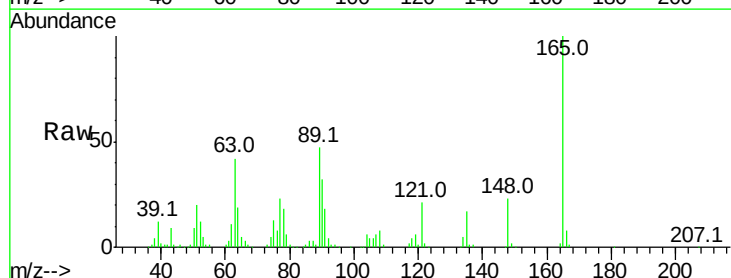
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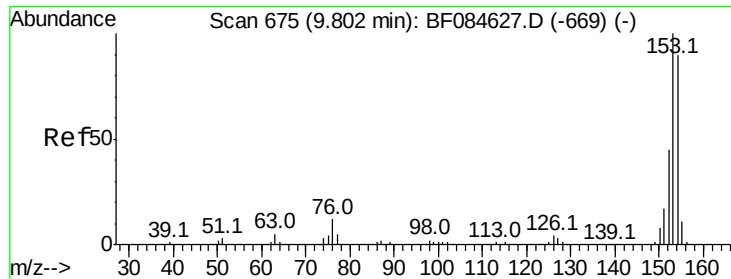
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.11 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion:165 Resp: 236229
Ion Ratio Lower Upper
165 100
63 42.0 28.8 43.2
89 46.9 35.1 52.7





#51

Acenaphthene

Concen: 40.69 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

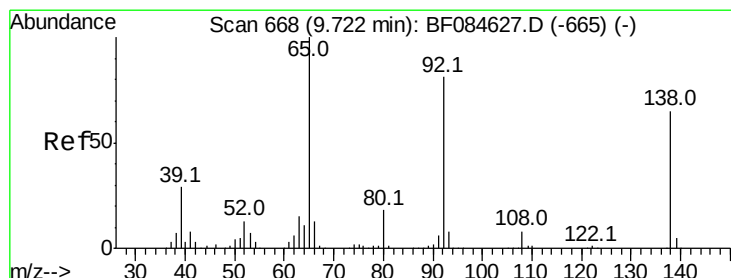
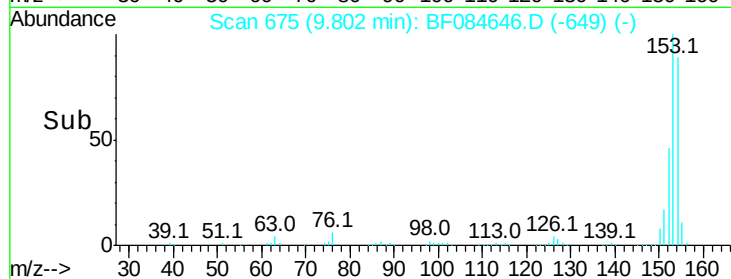
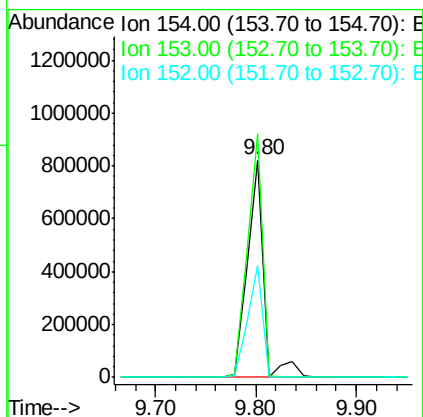
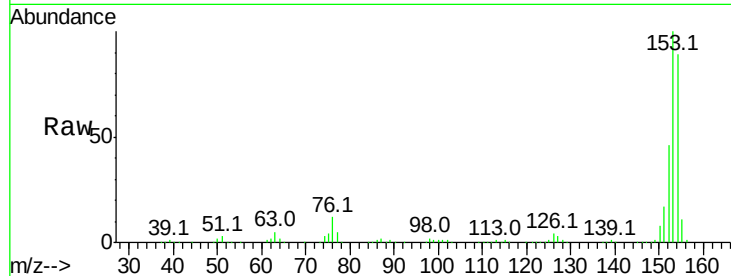
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	916077
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.5	137.3
152	51.3	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 37.62 ng

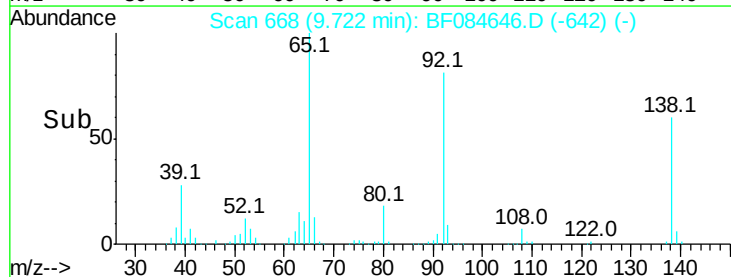
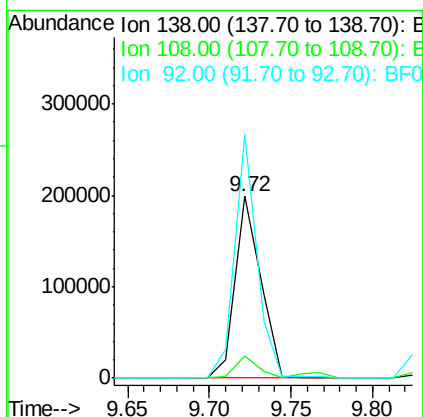
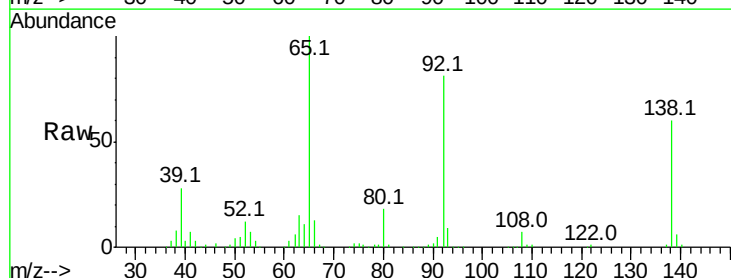
RT: 9.72 min Scan# 668

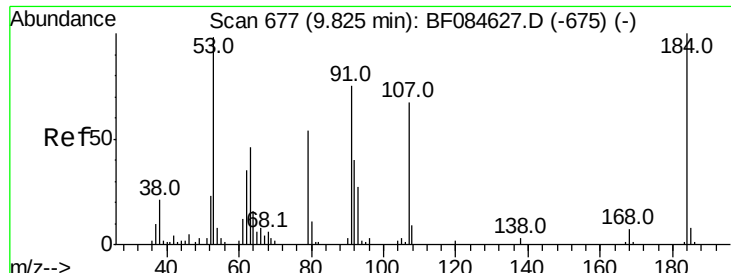
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	138	Resp:	215407
Ion Ratio	Lower	Upper	
138	100		
108	12.4	10.5	15.7
92	133.8	103.9	155.9





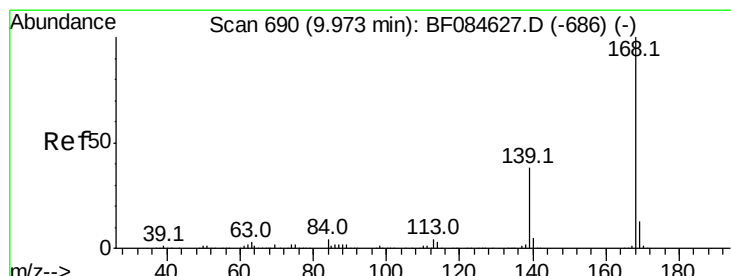
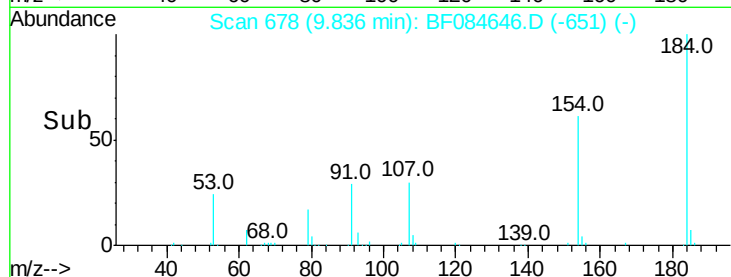
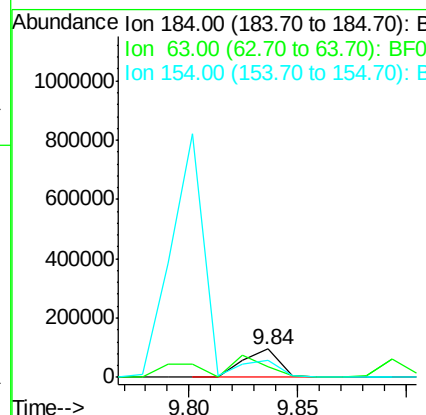
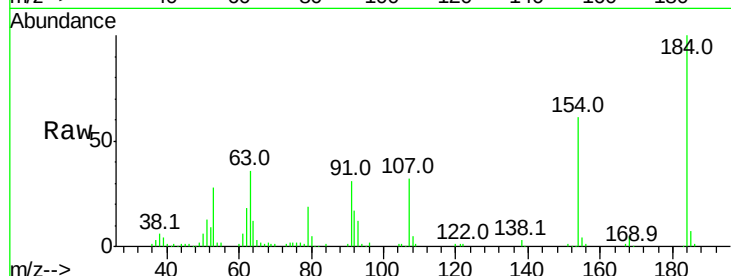
#53
 2,4-Dinitrophenol
 Concen: 41.73 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112837		
63	35.8	43.1	64.7#	
154	61.0	60.5	90.7	

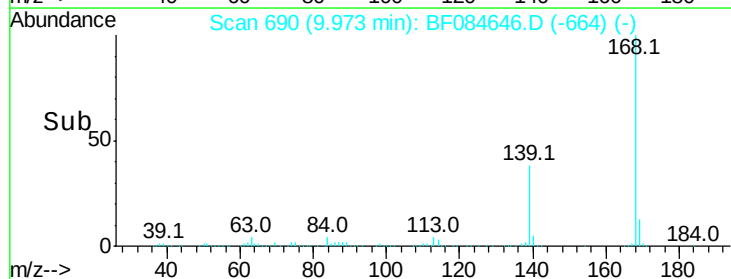
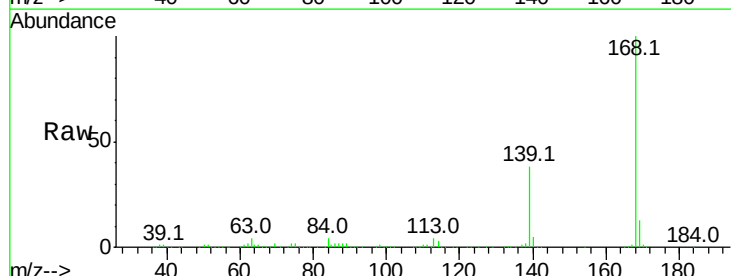
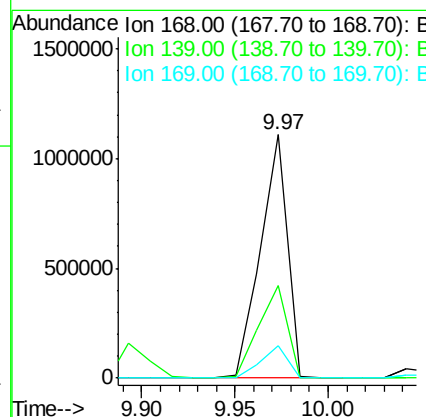
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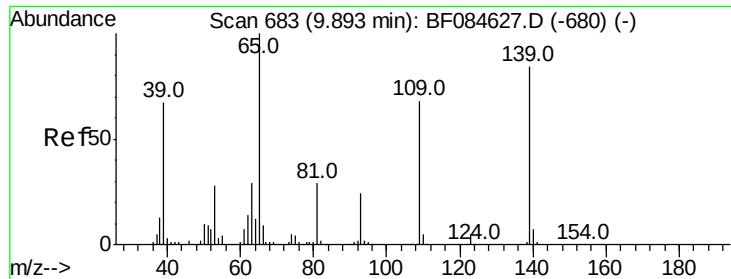
mohammad
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#54
 Dibenzofuran
 Concen: 40.88 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1098322		
139	38.2	30.5	45.7	
169	13.5	10.4	15.6	





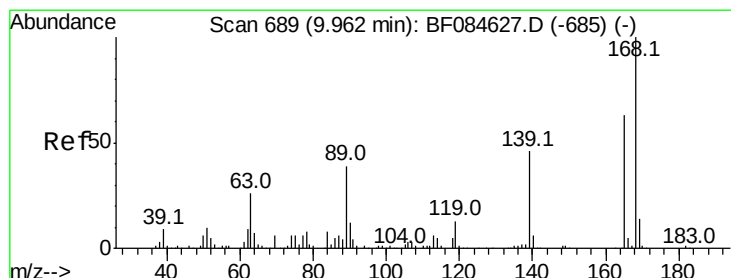
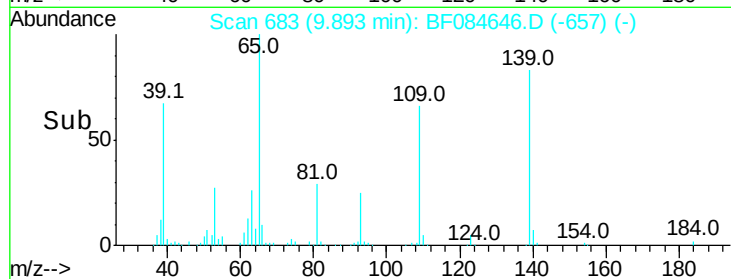
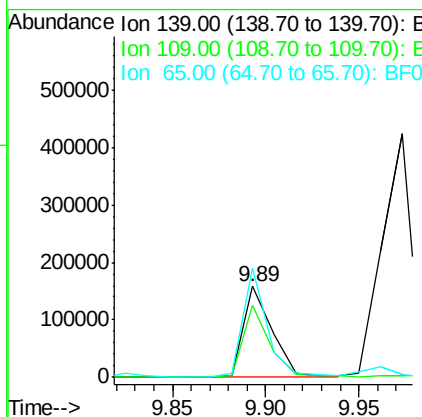
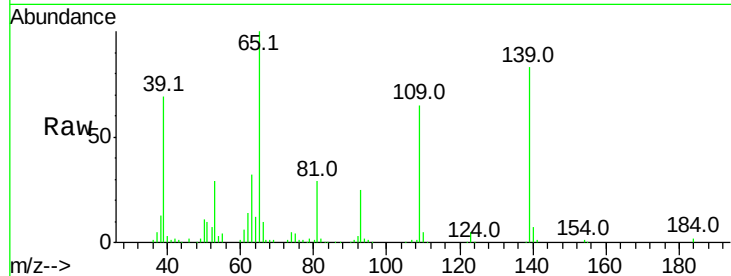
#55
4-Nitrophenol
Concen: 40.68 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.9	58.5	98.5	
65	120.4	57.6	97.6	

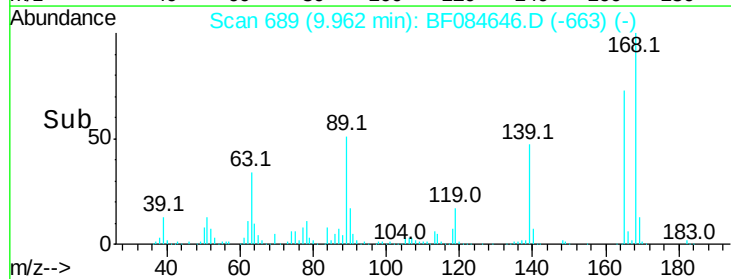
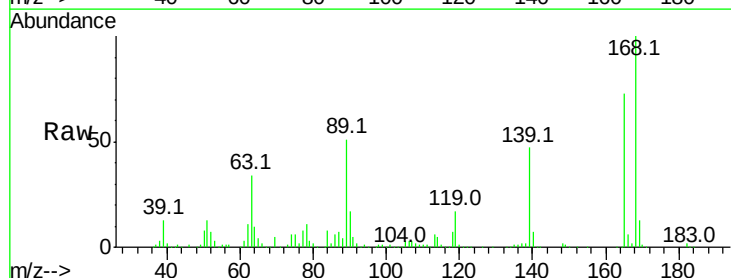
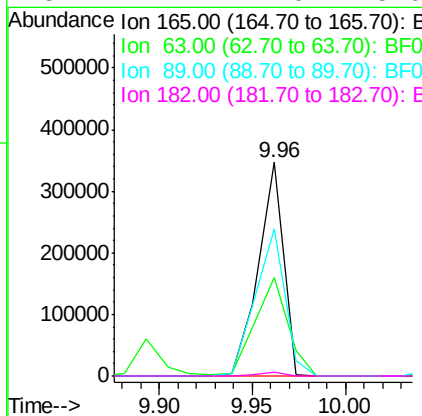
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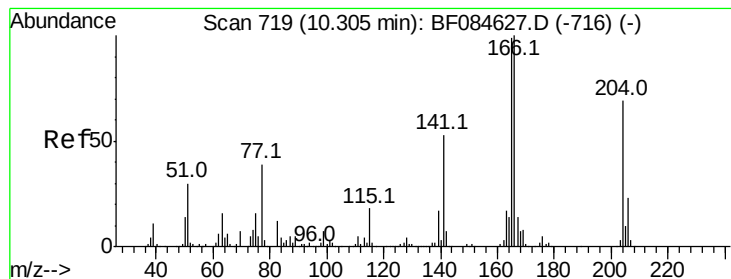
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.28 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.2	36.7	55.1	
89	69.0	61.9	92.9	
182	2.1	2.0	3.0	





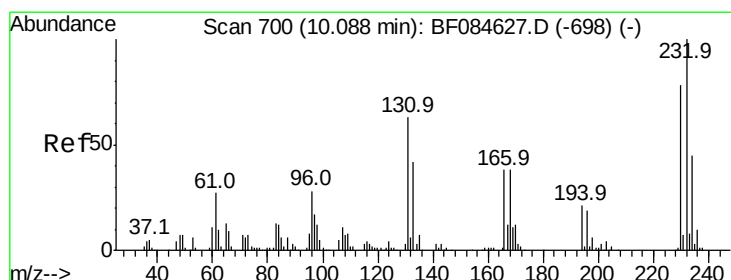
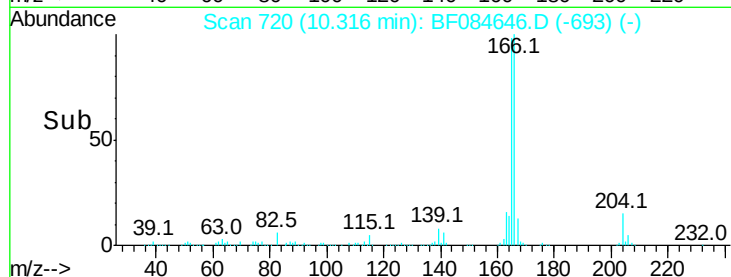
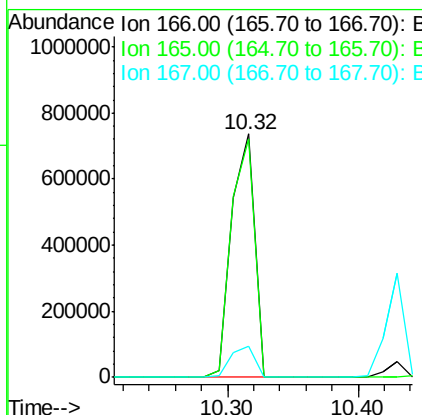
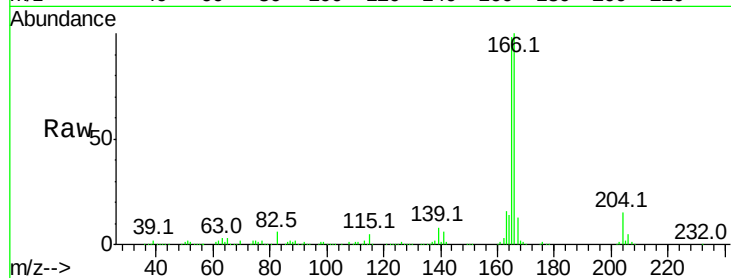
#57
Fluorene
 Concen: 39.39 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	897212		
165	98.1		79.1	118.7
167	12.6		10.4	15.6

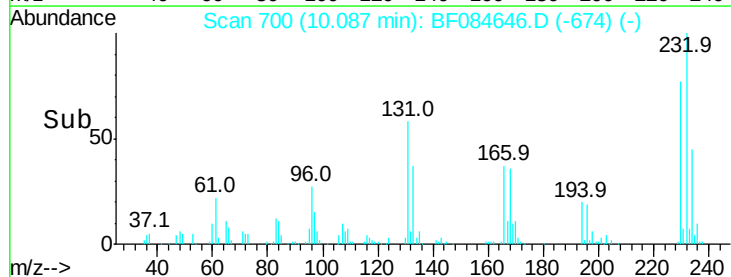
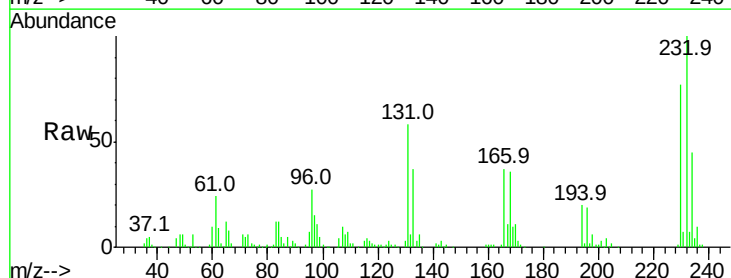
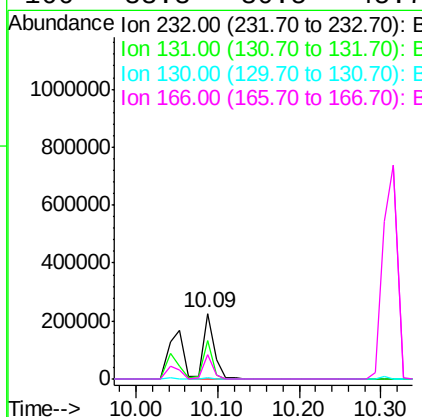
Manual Integrations
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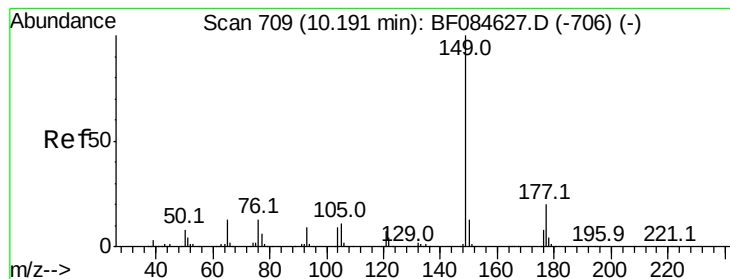
mohammad
 2/1/2016 2:24:26 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.61 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	217169		
131	50.3		47.0	70.6
130	2.5		2.0	3.0
166	33.3		30.5	45.7





#59

Diethylphthalate

Concen: 40.51 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

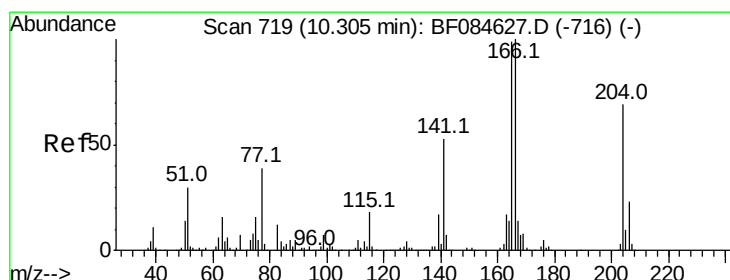
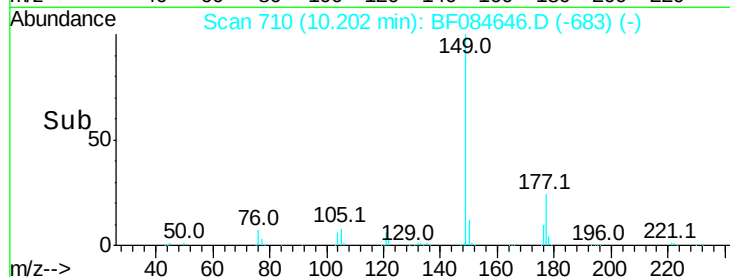
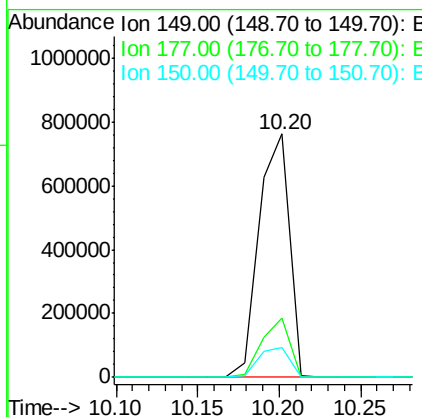
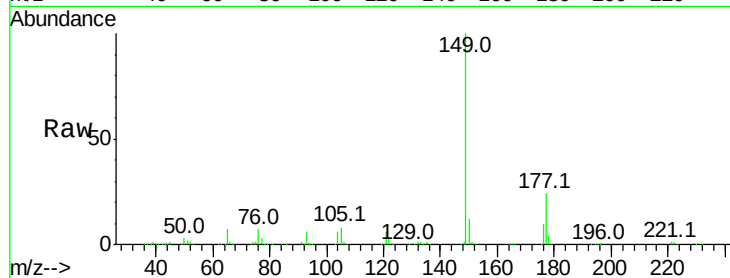
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	987681
Ion Ratio	Lower	Upper	
149	100		
177	24.2	17.3	25.9
150	12.1	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 37.92 ng

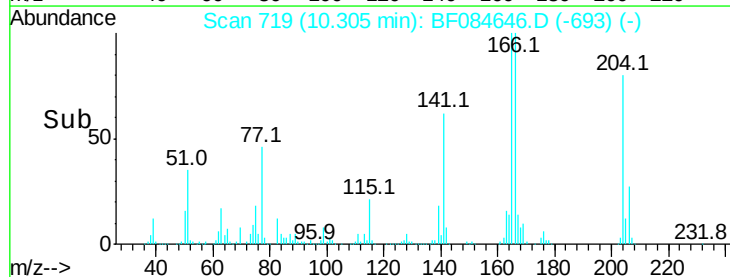
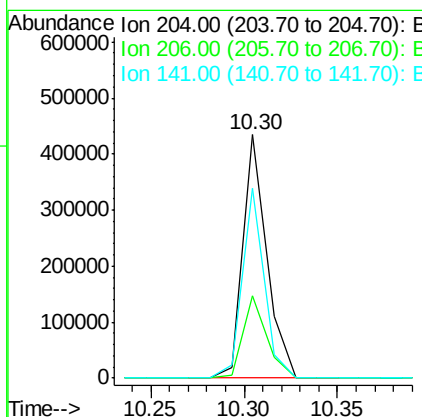
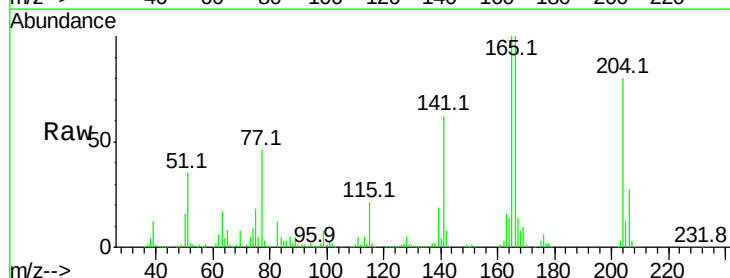
RT: 10.30 min Scan# 719

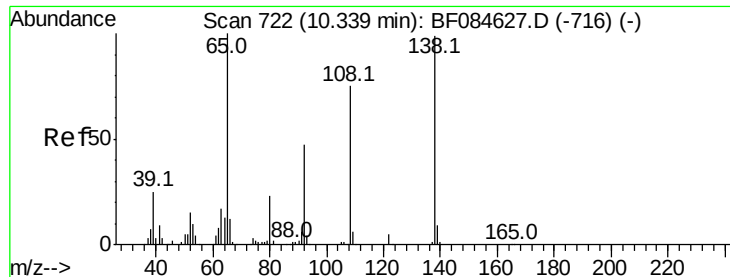
Delta R.T. 0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	204	Resp:	387768
Ion Ratio	Lower	Upper	
204	100		
206	33.6	25.7	38.5
141	77.8	55.1	82.7





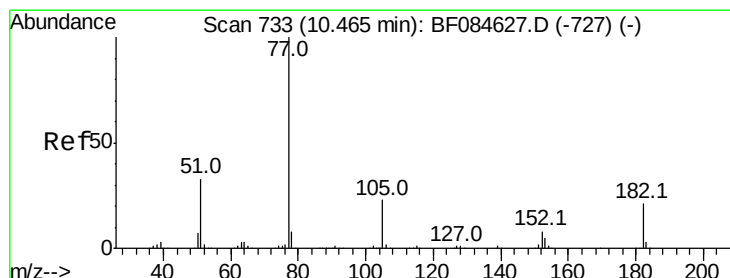
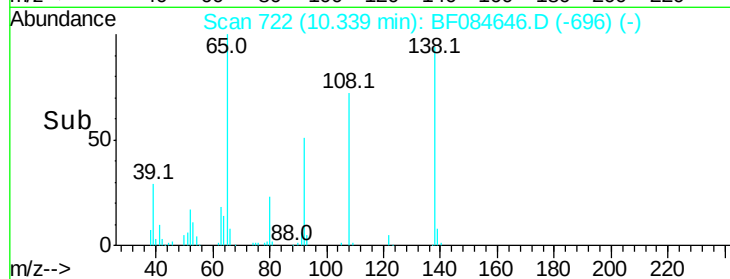
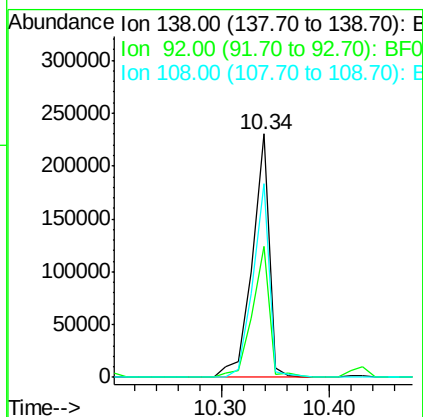
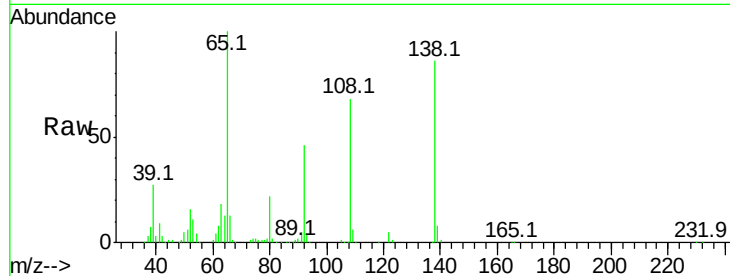
#61
4-Nitroaniline
Concen: 46.60 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.6	72.6
108	79.7	68.6	108.6

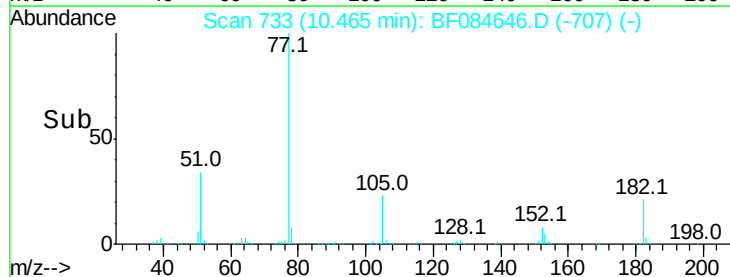
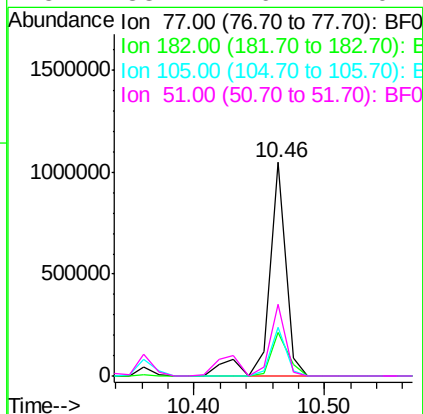
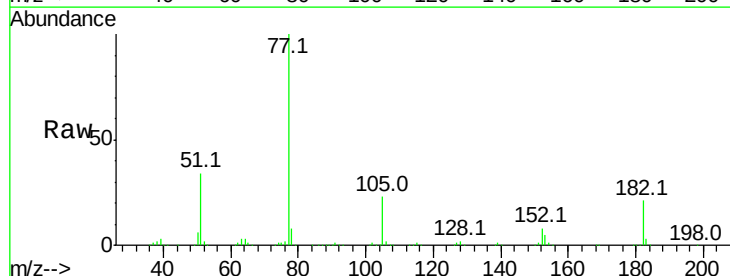
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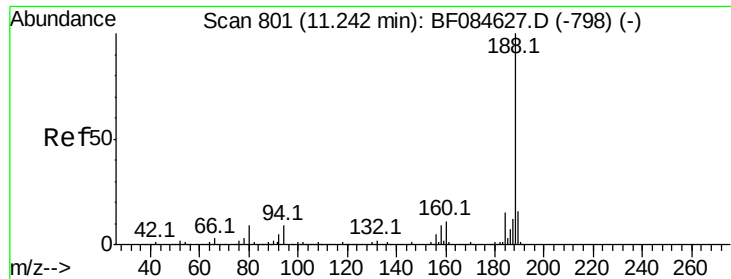
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#62
Azobenzene
Concen: 41.09 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	8.3	48.3
105	23.1	4.6	44.6
51	33.7	6.2	46.2





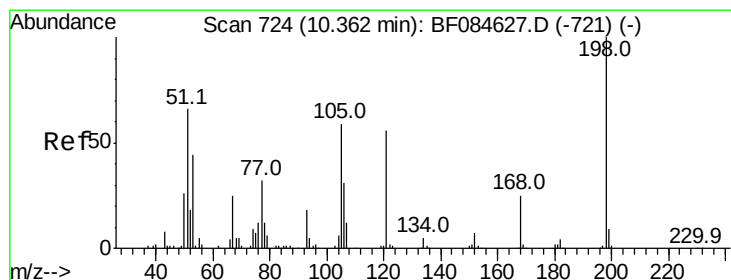
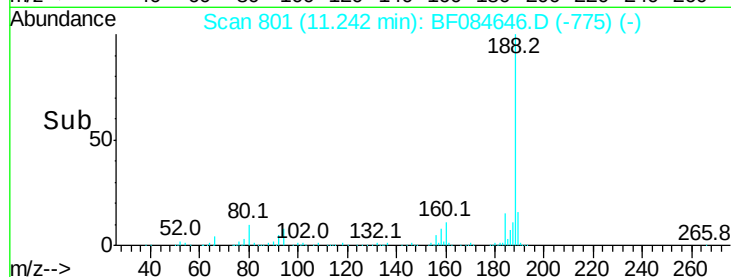
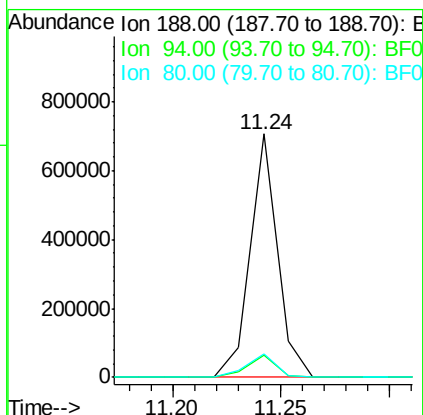
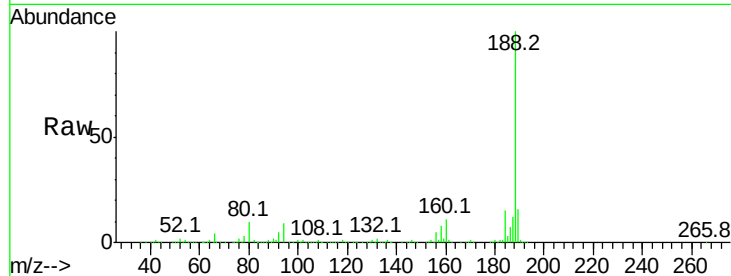
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.6	9.6	14.4#

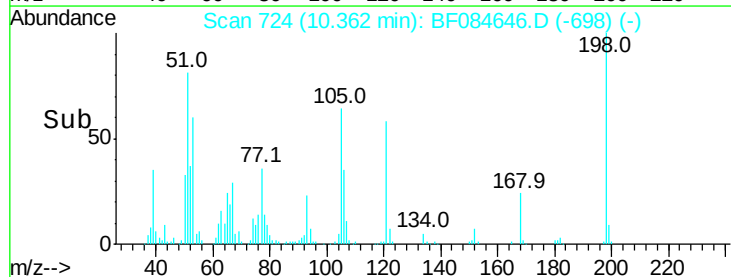
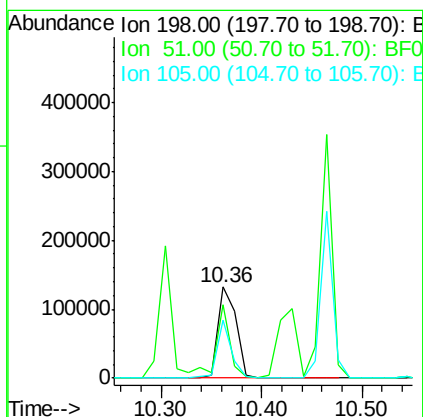
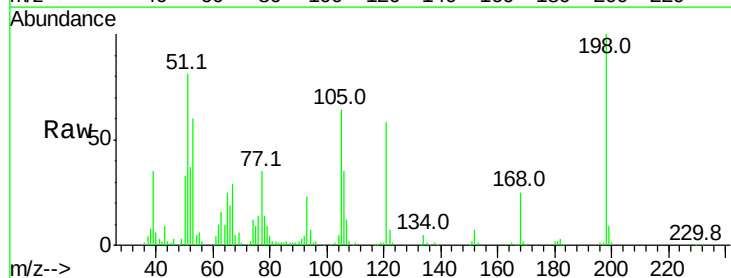
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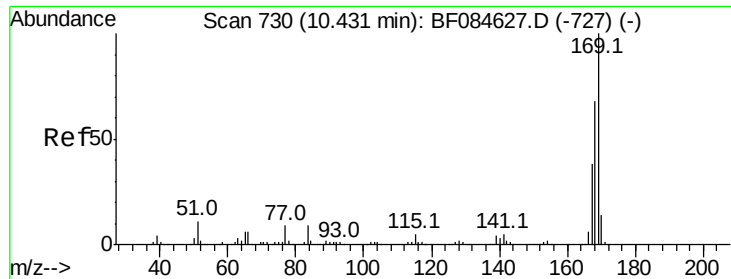
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.11 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	80.6	18.9	58.9#
105	64.3	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 40.40 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

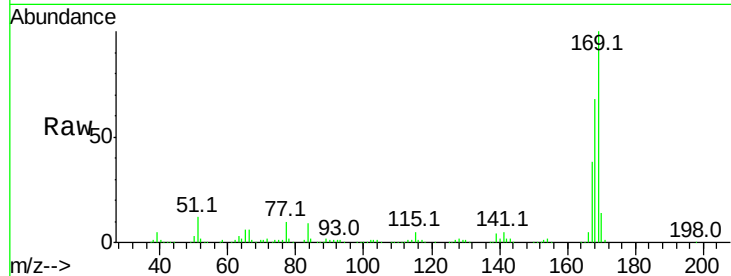
ClientSampleId :

SSTDCCC040

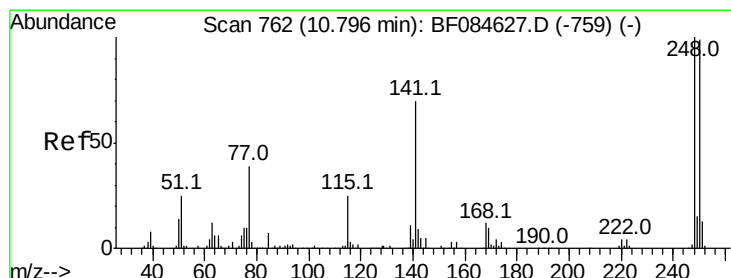
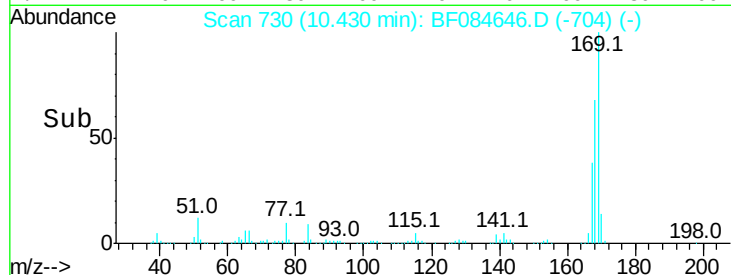
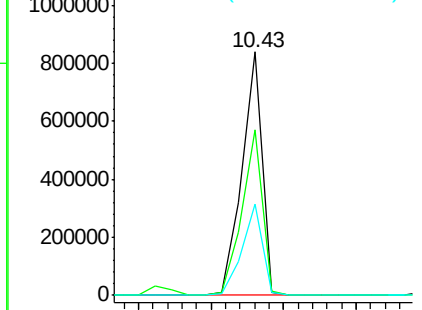
Tot Ion:	169	Resp:	810826
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.1	82.7
167	37.5	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 41.19 ng

RT: 10.80 min Scan# 762

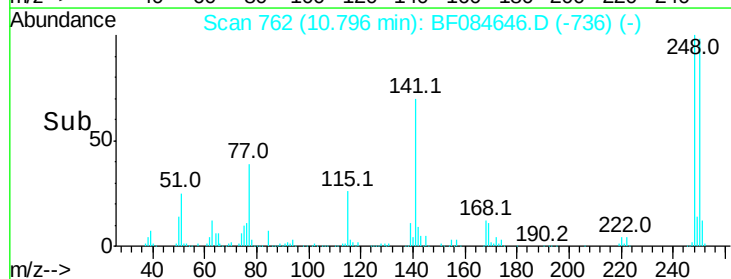
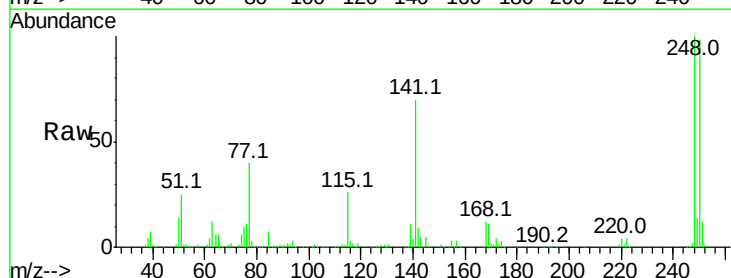
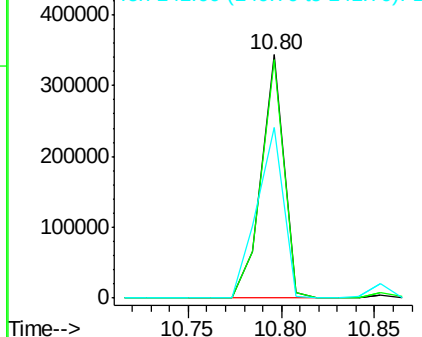
Delta R.T. -0.00 min

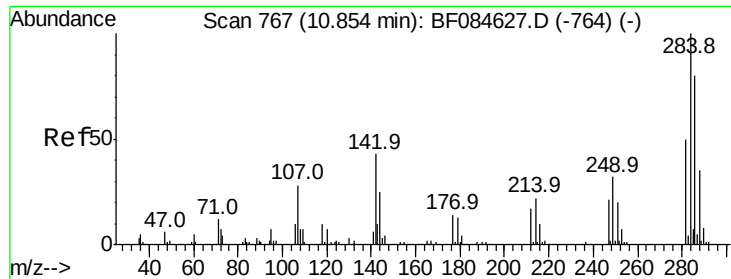
Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:	248	Resp:	287189
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.4	117.6
141	70.2	44.0	66.0#

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





#67

Hexachlorobenzene

Concen: 35.63 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

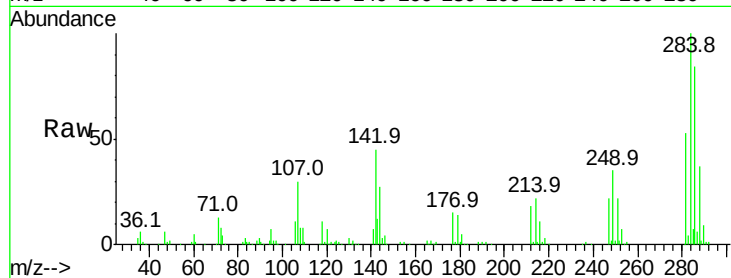
ClientSampleId :

SSTDCCC040

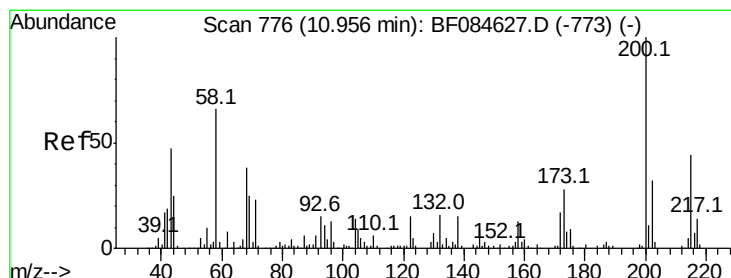
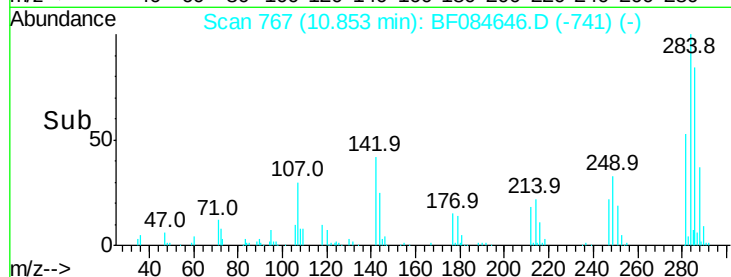
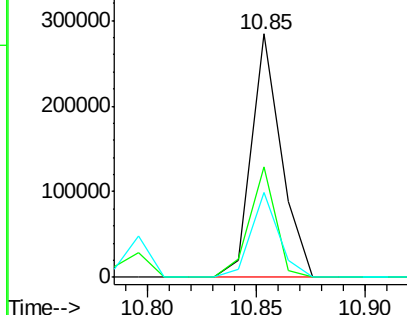
Tot Ion	Ratio	Resp	Lower	Upper
284	100	270202		
142	45.4	22.2	33.4#	
249	34.8	24.6	37.0	

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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: 37.50 ng

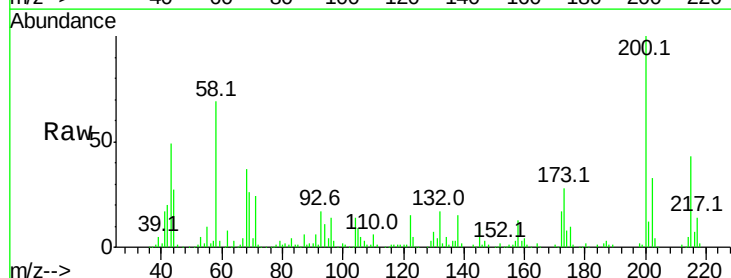
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

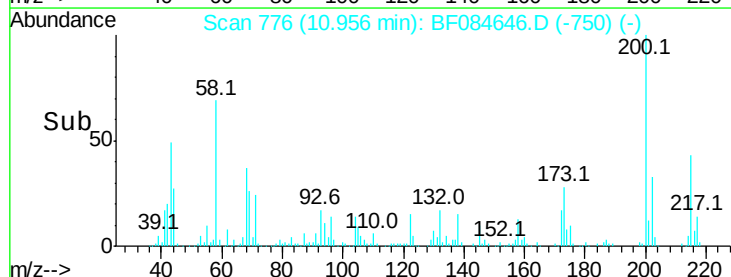
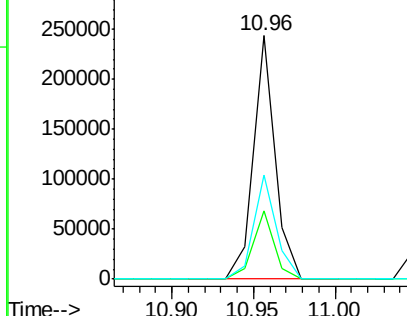
Lab File: BF084646.D

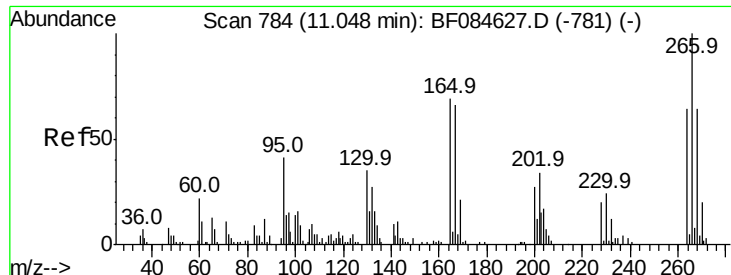
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	225521		
173	27.9	9.5	49.5	
215	42.8	23.8	63.8	



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





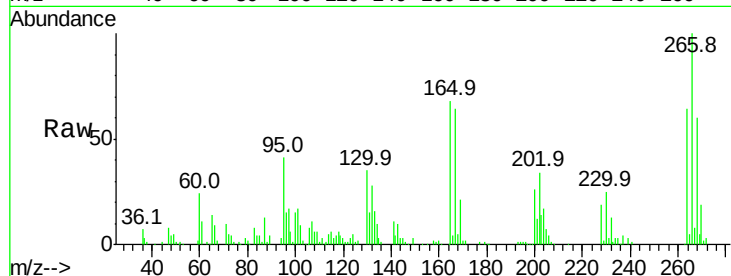
#69
 Pentachlorophenol
 Concen: 40.99 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

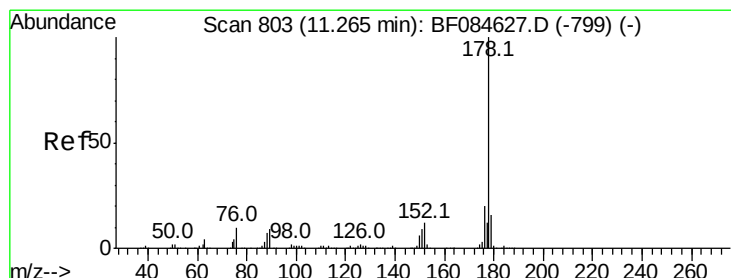
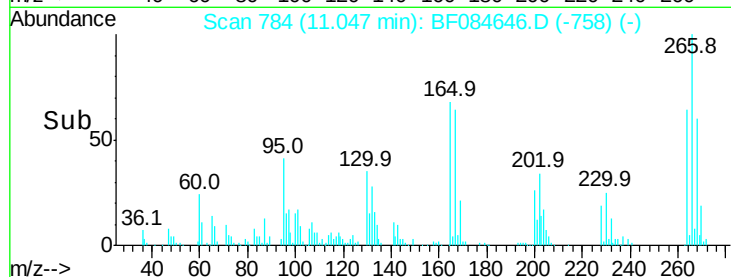
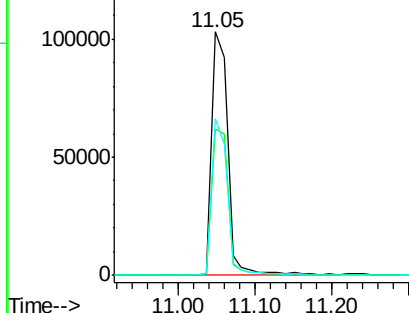
Tot Ion	Ratio	Resp	Lower	Upper
266	100	150180		
268	60.1	52.4	78.6	
264	64.5	50.2	75.2	

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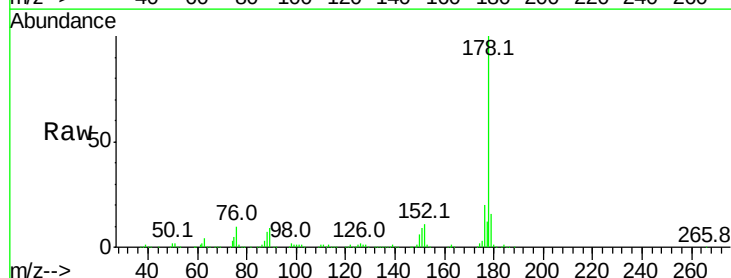


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

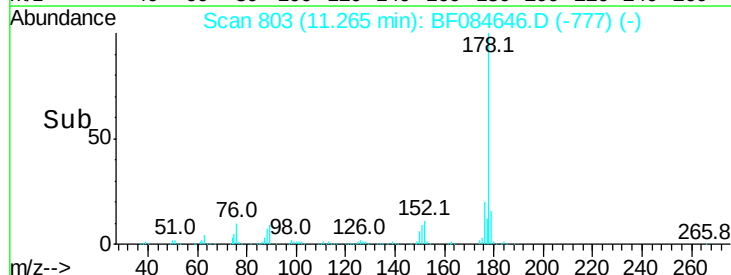
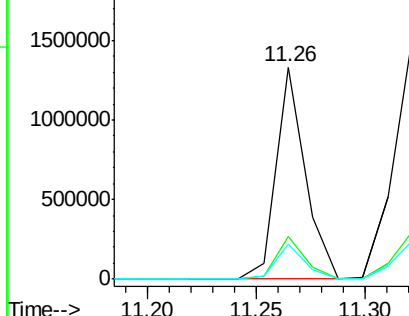


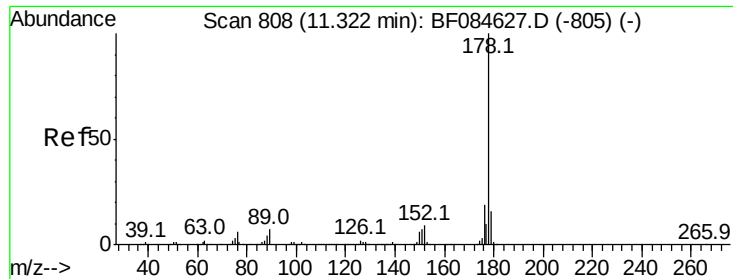
#70
 Phenanthrene
 Concen: 36.51 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1249611		
176	20.0	15.3	22.9	
179	16.2	12.0	18.0	



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





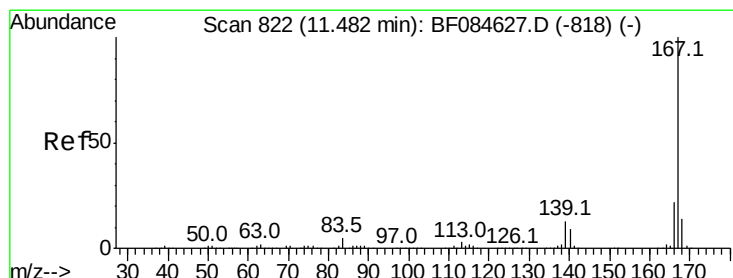
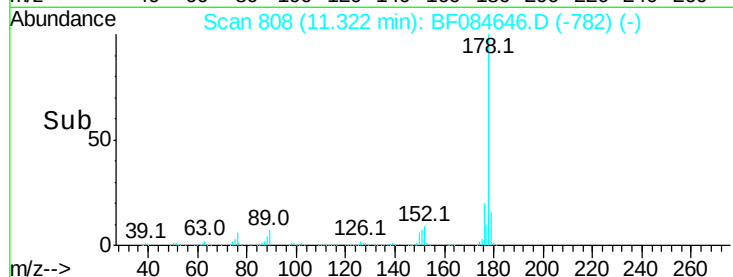
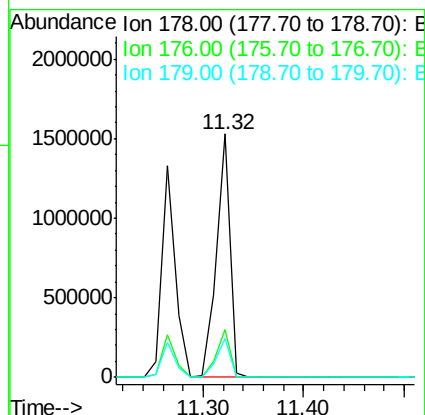
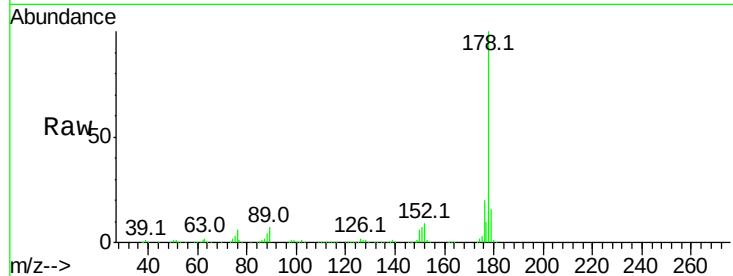
#71
 Anthracene
 Concen: 41.13 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1431424
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.2 12.5 18.7

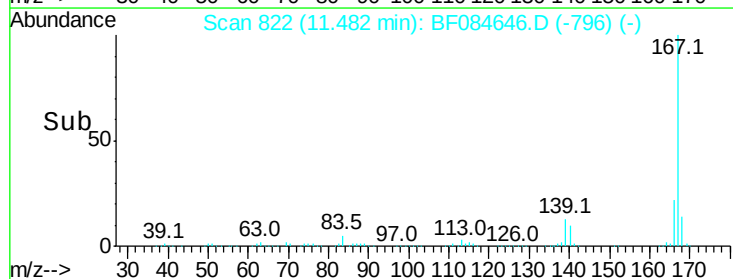
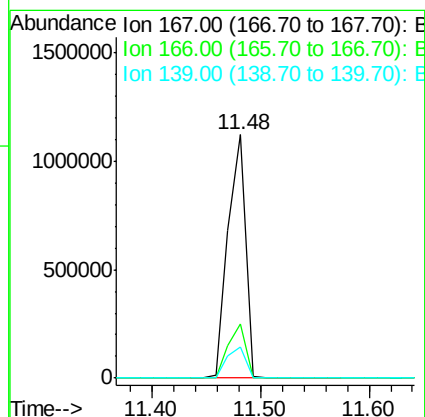
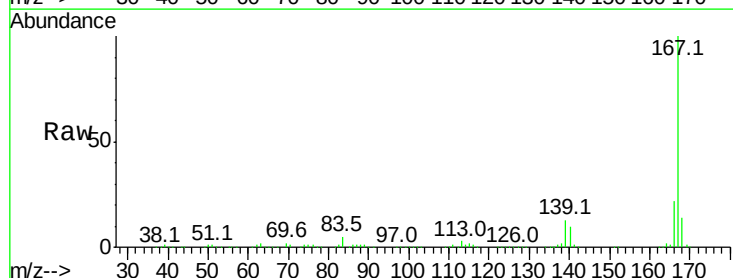
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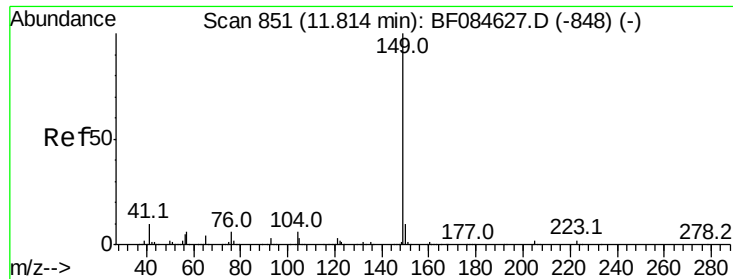
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#72
 Carbazole
 Concen: 41.95 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion:167 Resp: 1258100
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.46 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1402858

Ion Ratio Lower Upper

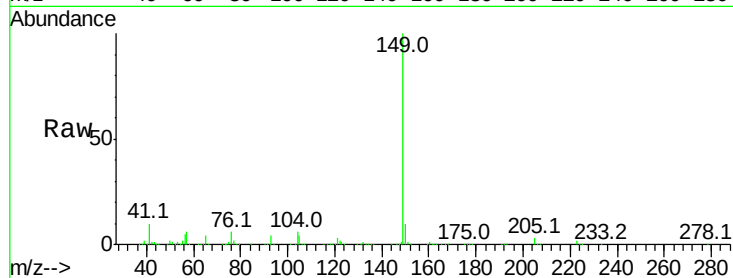
149 100

150 10.0 7.1 10.7

104 6.1 3.2 4.8#

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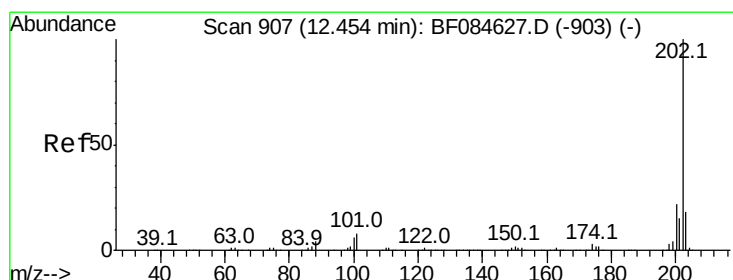
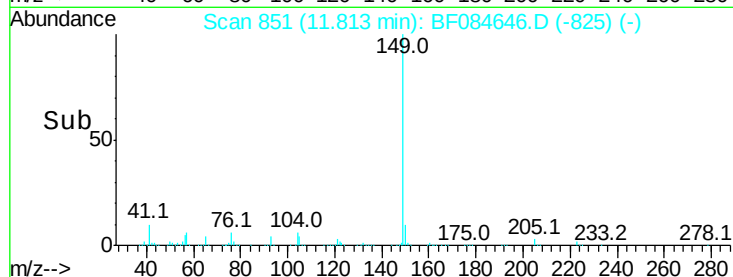
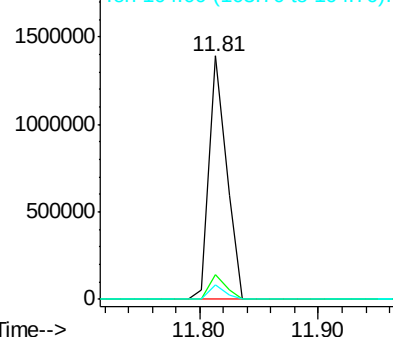
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.57 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

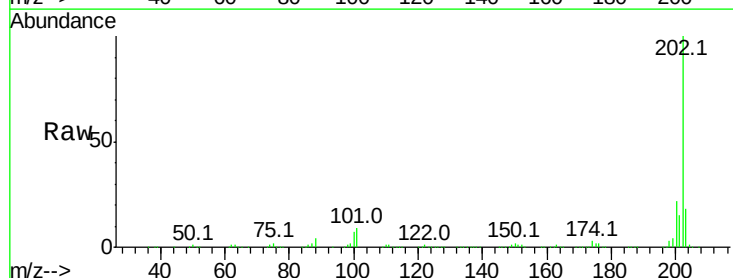
Tgt Ion:202 Resp: 1474454

Ion Ratio Lower Upper

202 100

101 9.2 0.0 32.8

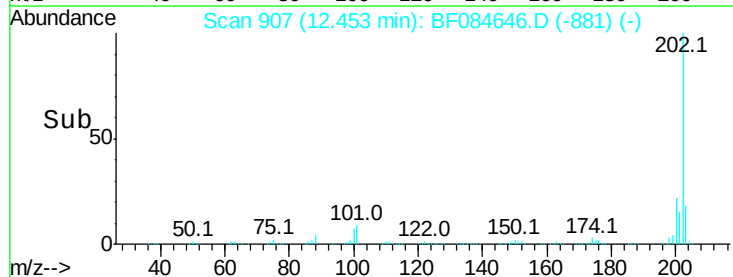
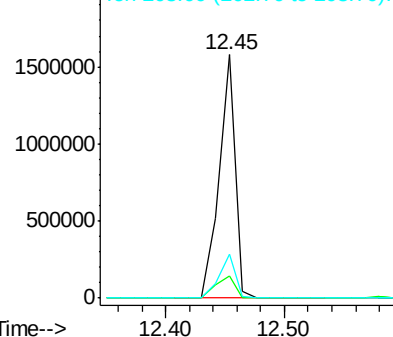
203 18.0 0.0 37.9

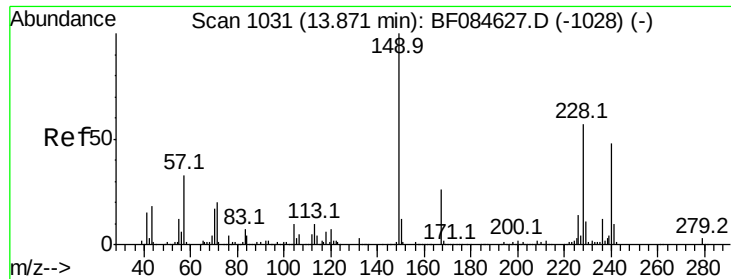


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

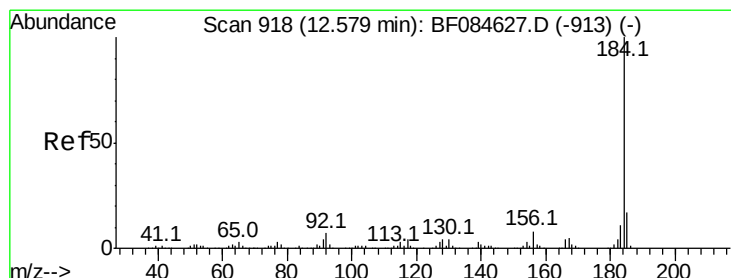
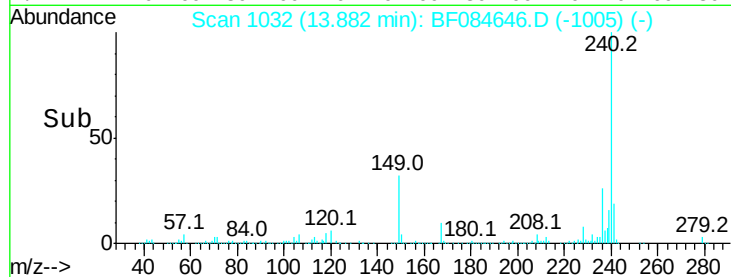
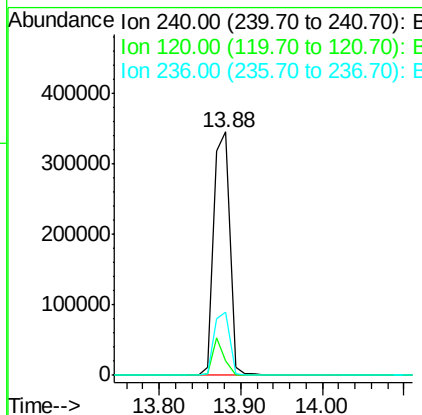
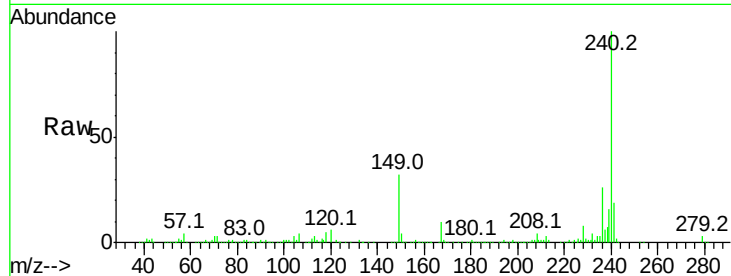
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	26.2	20.6	31.0

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#76

Benzidine

Concen: 42.93 ng

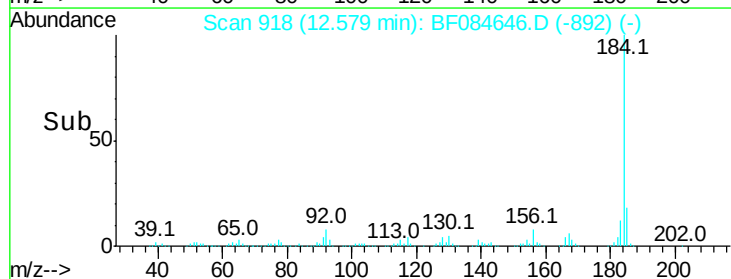
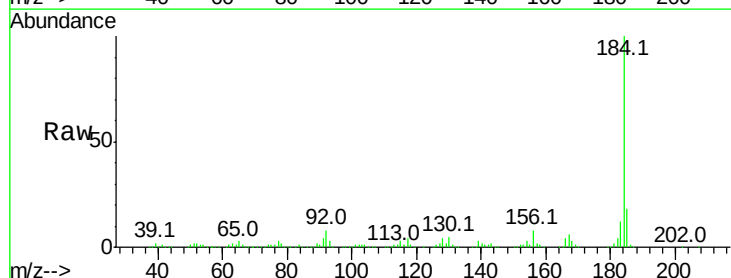
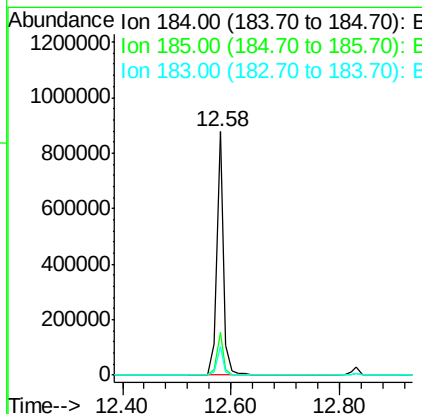
RT: 12.58 min Scan# 918

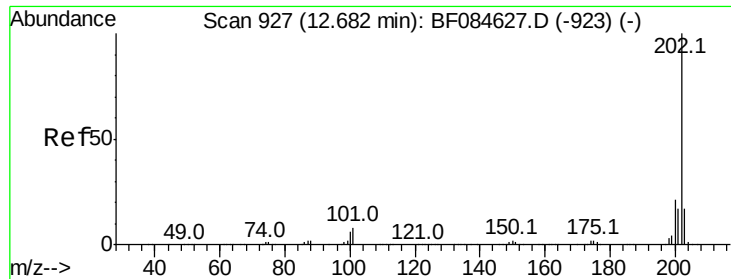
Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.2	18.2
183	11.9	9.8	14.8





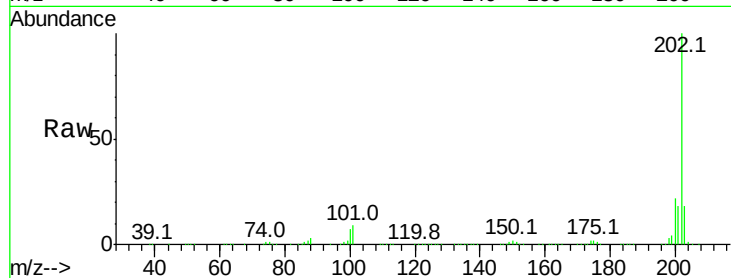
#77
 Pvrene
 Concen: 41.54 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

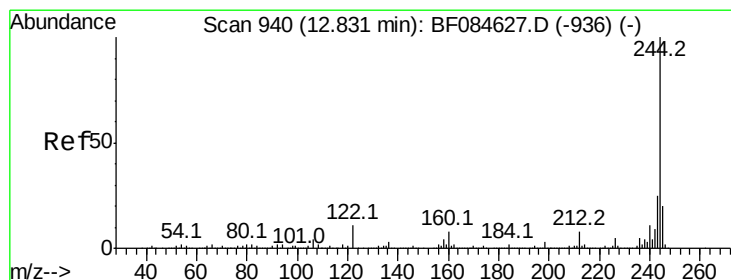
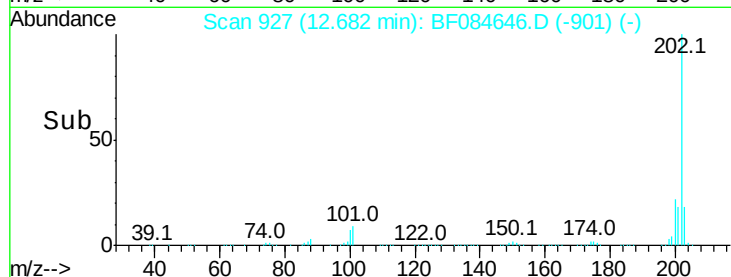
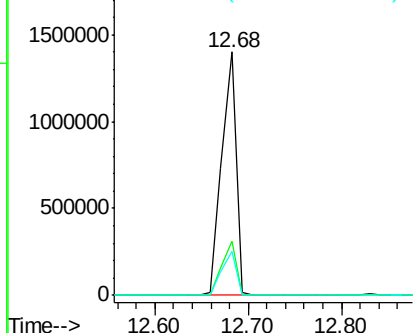
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	18.0	14.3	21.5

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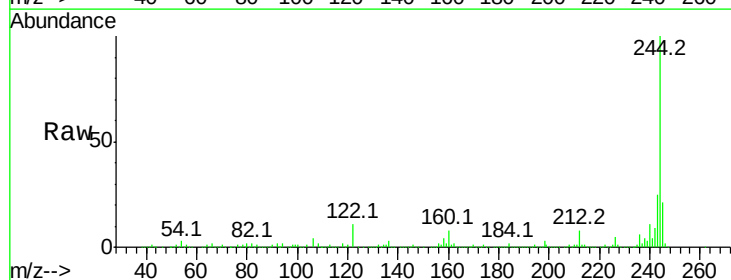


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

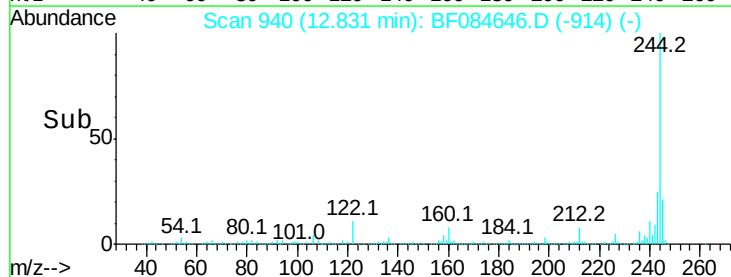
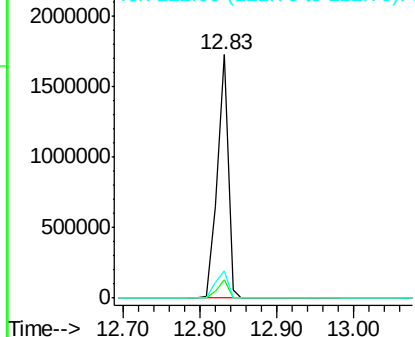


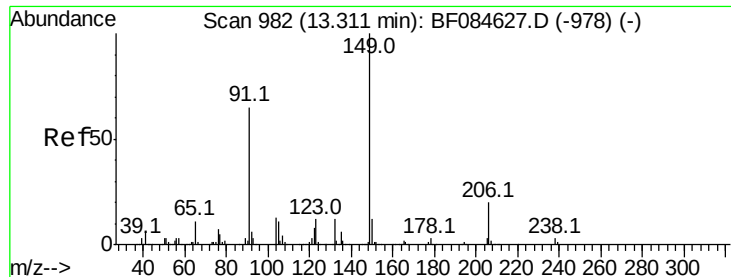
#78
 Terphenyl-d14
 Concen: 79.52 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	11.3	7.4	11.0



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





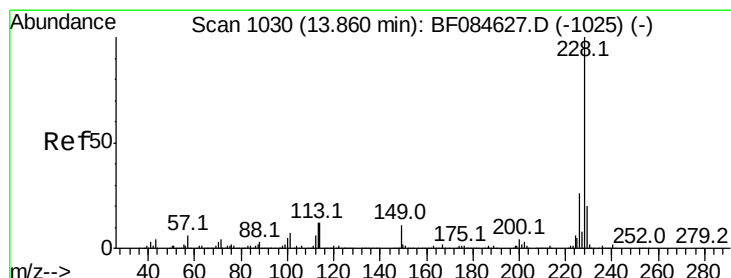
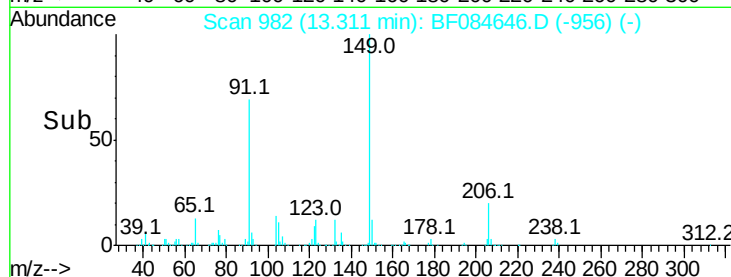
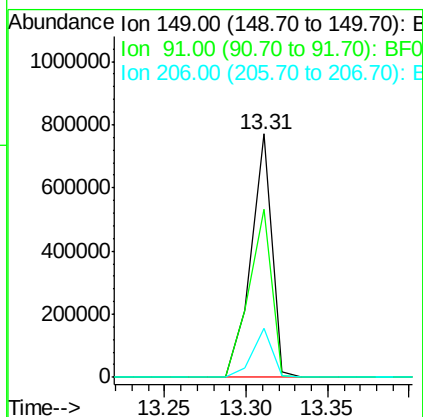
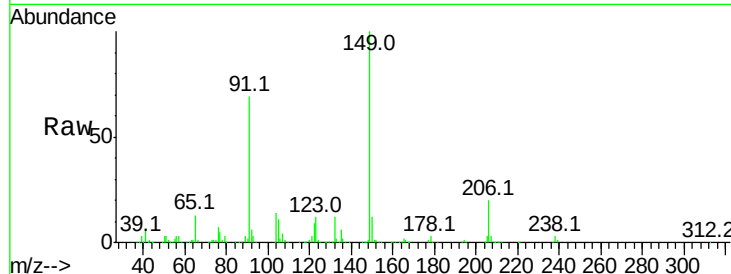
#79
Butylbenzylphthalate
Concen: 44.79 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	689477		
91	68.9	57.6	86.4	
206	20.0	13.2	19.8	

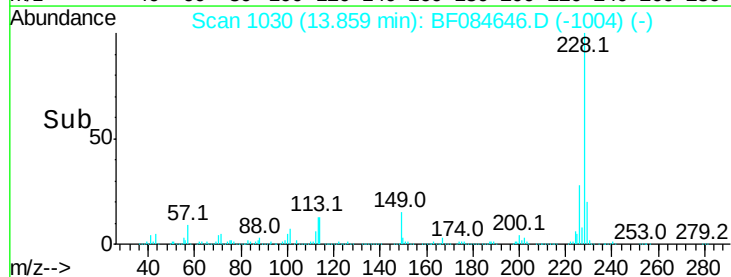
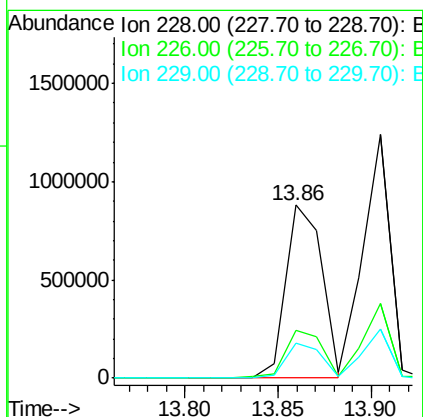
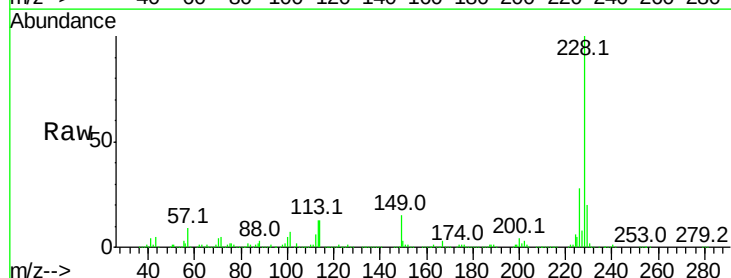
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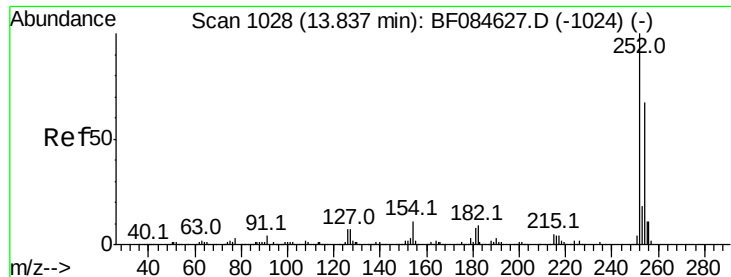
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#80
Benzo(a)anthracene
Concen: 40.14 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1195581		
226	27.6	21.8	32.6	
229	20.3	15.8	23.8	





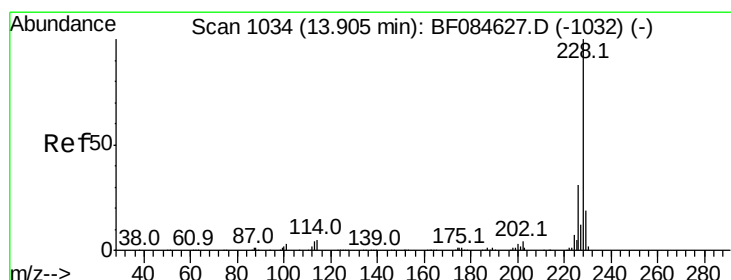
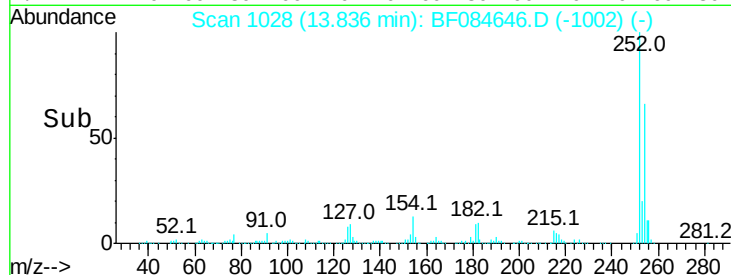
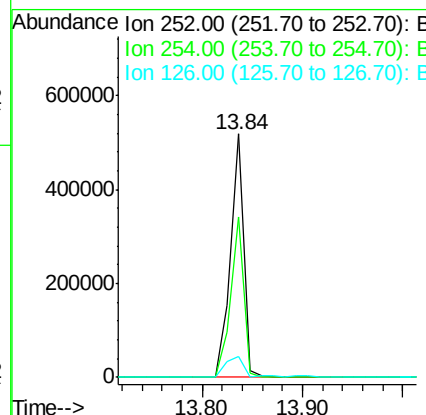
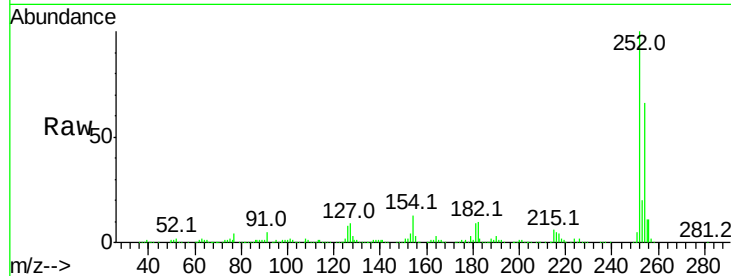
#81
 3,3'-Dichlorobenzidine
 Concen: 45.62 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	478033		
254	66.0	53.5	80.3	
126	8.4	4.9	7.3	

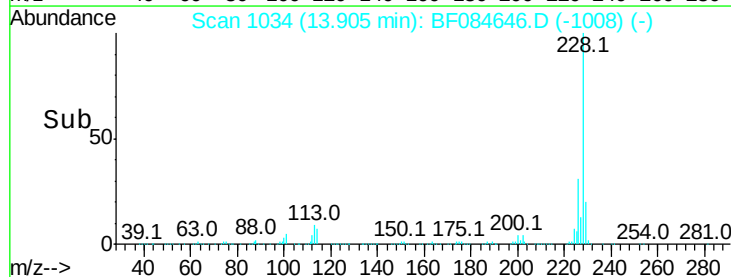
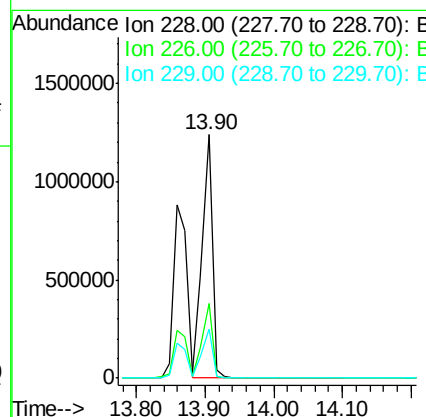
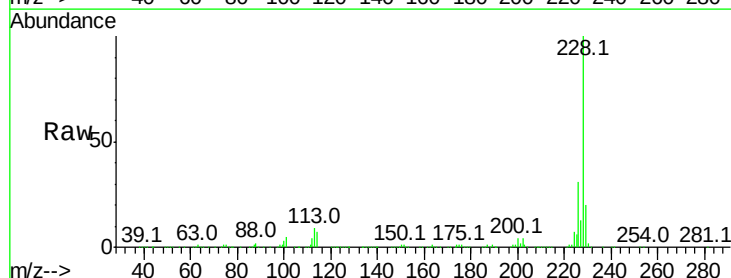
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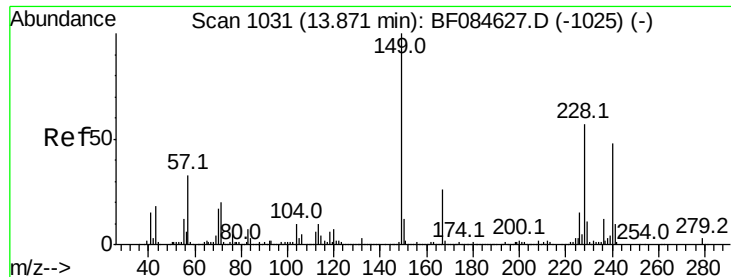
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#82
 Chrysene
 Concen: 42.48 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1247238		
226	30.5	24.3	36.5	
229	20.3	16.1	24.1	





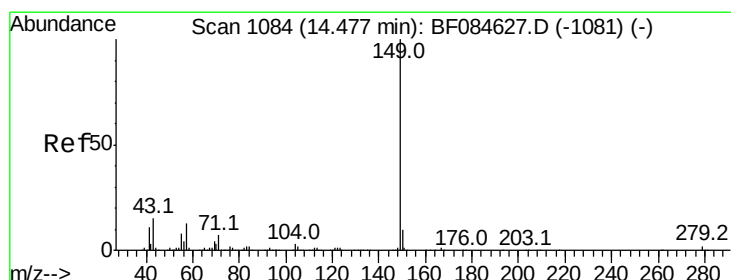
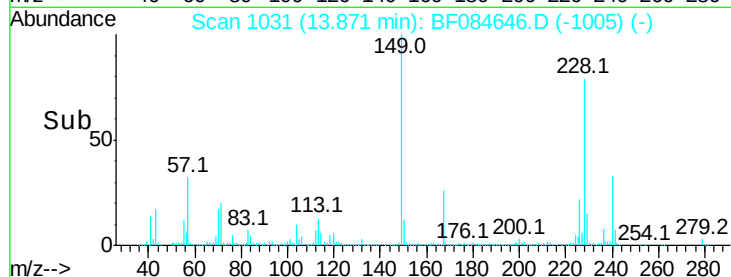
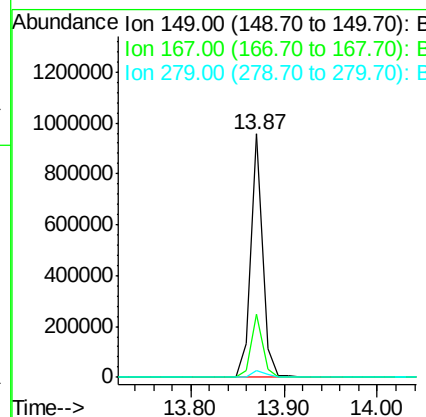
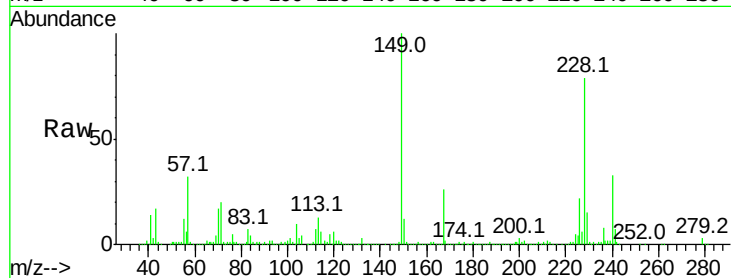
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.70 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	832722		
167	26.1	19.7	29.5	
279	2.6	1.8	2.6	

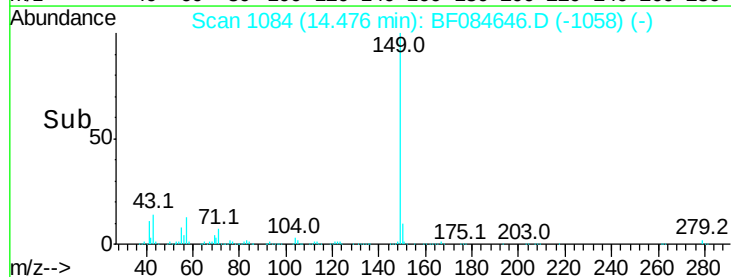
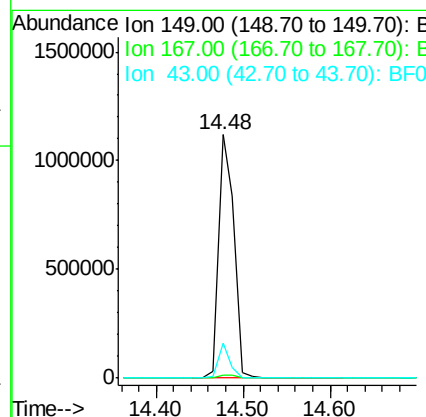
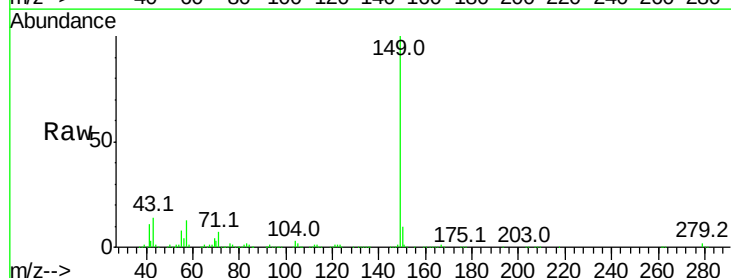
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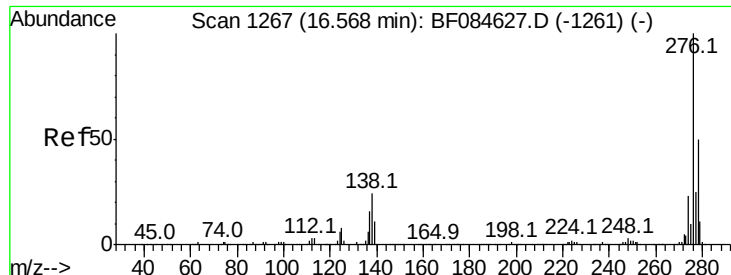
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#84
 Di-n-octyl phthalate
 Concen: 44.09 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1391312		
167	1.6	1.2	1.8	
43	11.4	5.6	8.4#	





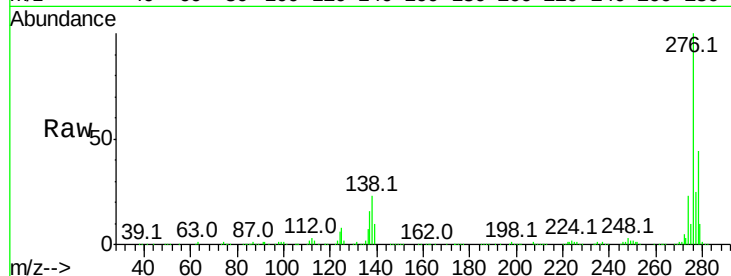
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.03 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

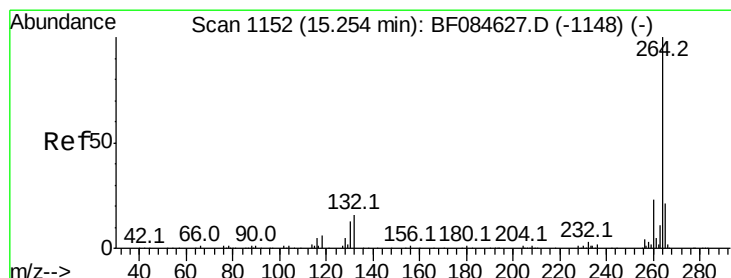
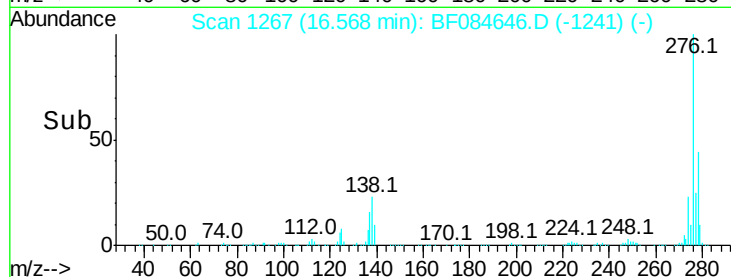
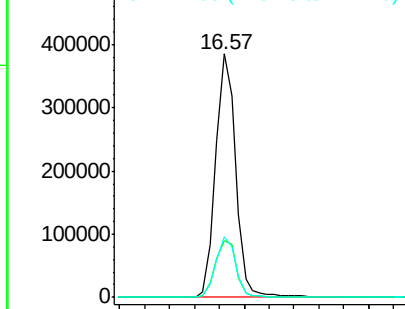
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	24.9	20.1	30.1

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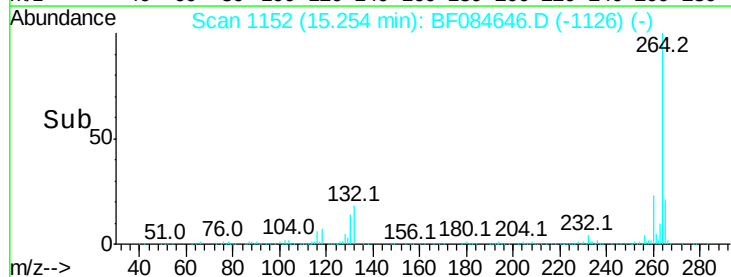
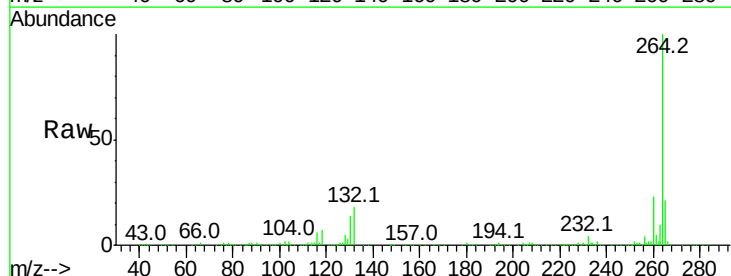
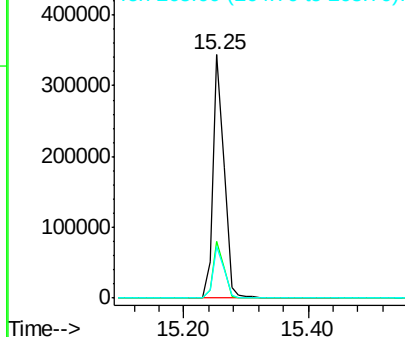
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

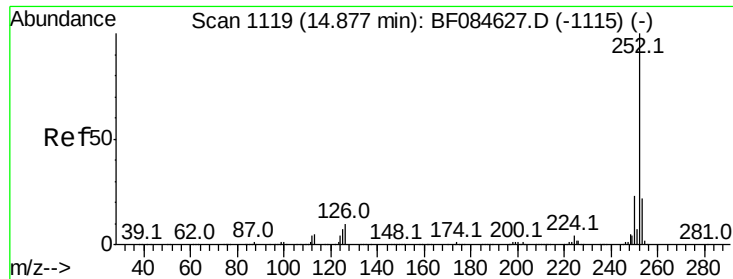


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.3	17.8	26.6

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





#87

Benzo(b)fluoranthene

Concen: 41.94 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1138365

Ion Ratio Lower Upper

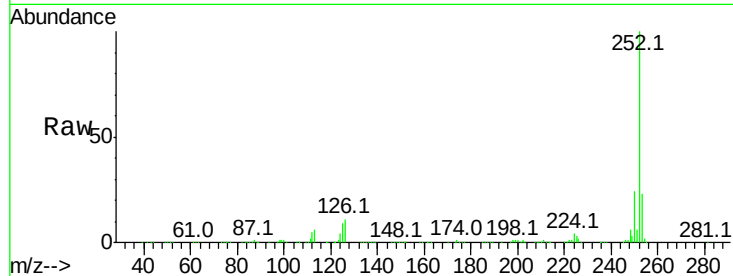
252 100

253 22.8 17.3 25.9

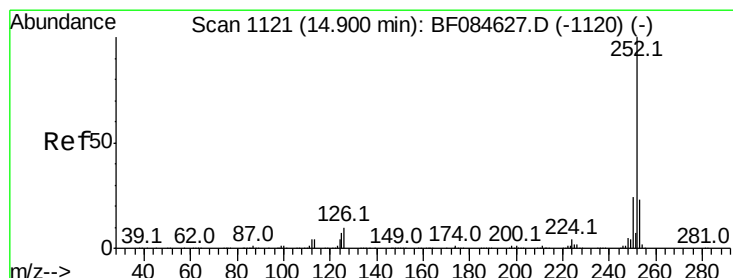
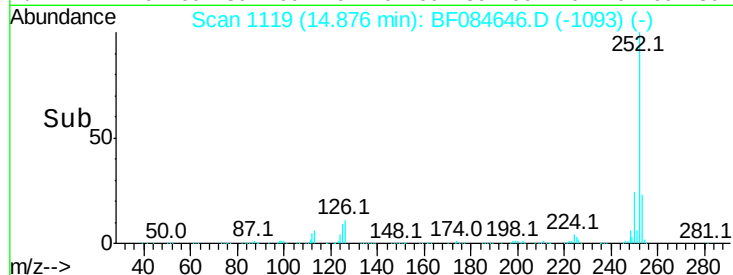
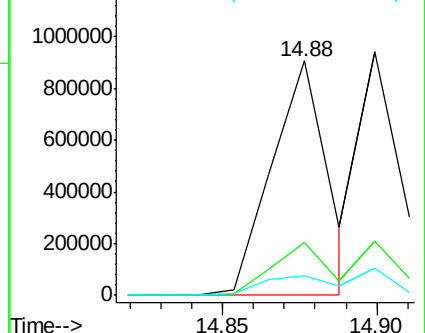
125 8.6 6.5 9.7

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



#88

Benzo(k)fluoranthene

Concen: 40.26 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF084646.D

Acq: 29 Jan 2016 20:23

Tgt Ion:252 Resp: 902469

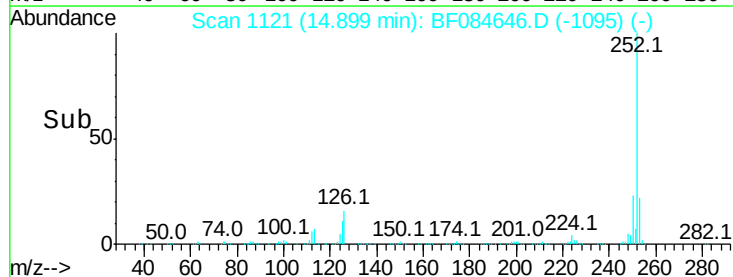
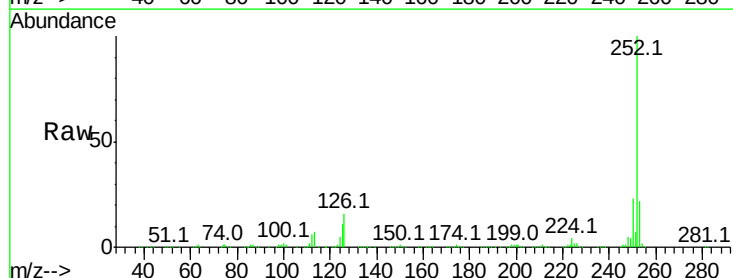
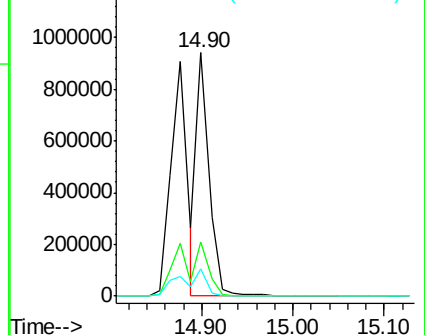
Ion Ratio Lower Upper

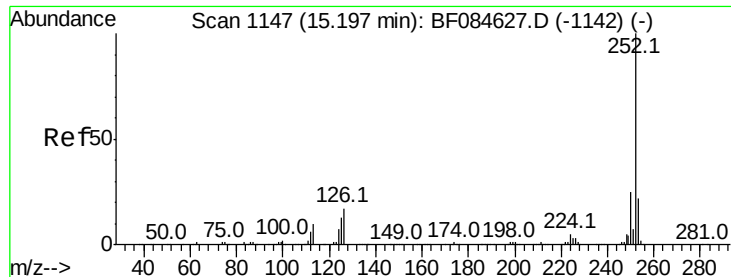
252 100

253 22.4 18.1 27.1

125 11.0 9.0 13.6

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





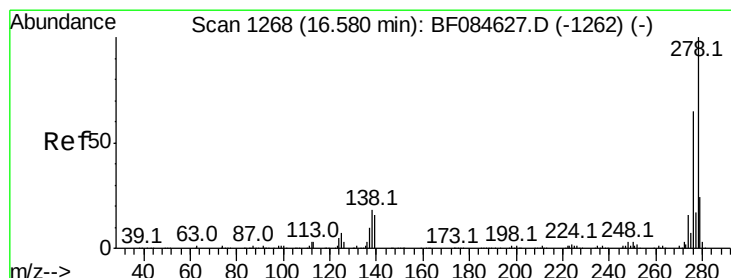
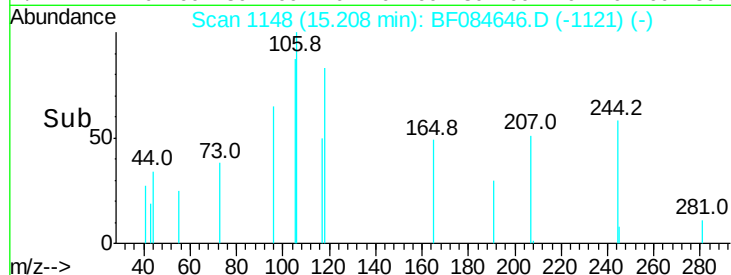
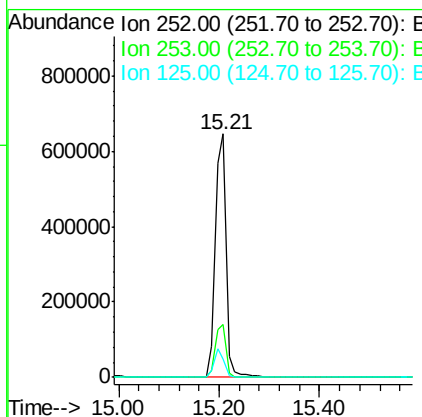
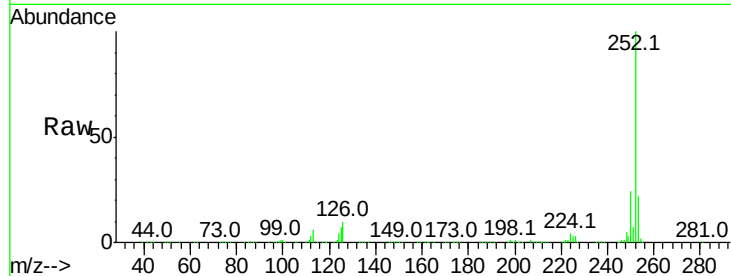
#89
Benzo(a)pyrene
Concen: 40.93 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	7.4	7.0	10.4

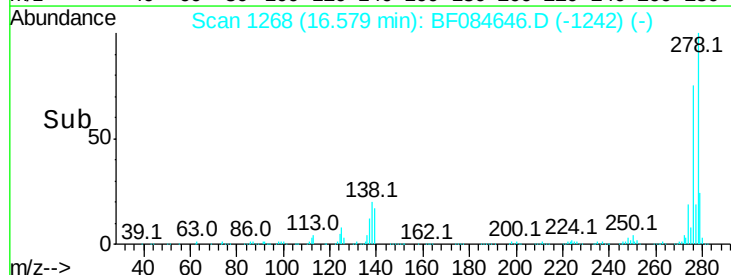
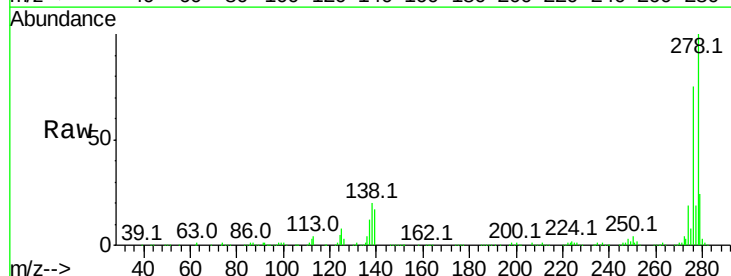
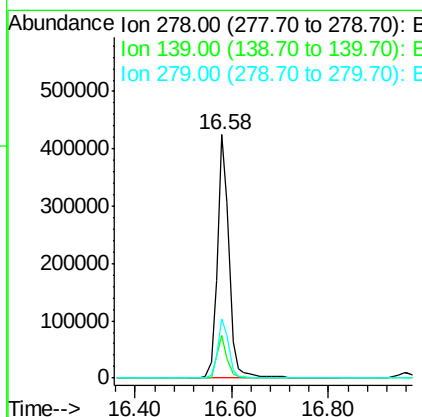
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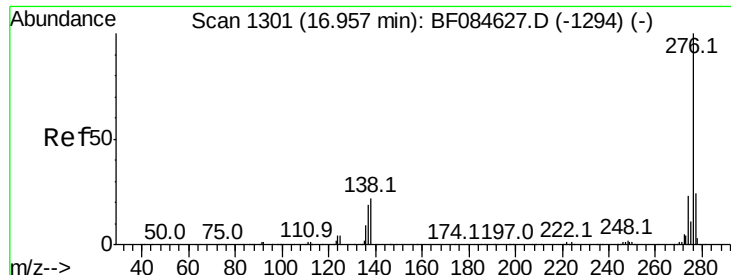
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#90
Dibenzo(a,h)anthracene
Concen: 34.30 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084646.D
Acq: 29 Jan 2016 20:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.0	22.4
279	24.2	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 32.76 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF084646.D
 Acq: 29 Jan 2016 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.0	17.8	26.6

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