

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
 Data File : BF084617.D
 Acq On : 27 Jan 2016 9:16
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/28/2016 2:21:40 PM

Quant Time: Jan 27 17:34:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	274904	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1164885	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	547335	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1118756	20.00	ng	0.00
75) Chrysene-d12	13.89	240	818866	20.00	ng	0.00
86) Perylene-d12	15.28	264	810216	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1384821	81.48	ng	0.00
7) Phenol-d6	6.40	99	1661363	77.83	ng	0.00
23) Nitrobenzene-d5	7.31	82	1608401	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	448539	81.17	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2559956	82.06	ng	0.00
78) Terphenyl-d14	12.85	244	2978140	81.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	285865	35.51	ng	# 74
3) Pyridine	2.92	79	559350	24.92	ng	# 69
4) n-Nitrosodimethylamine	2.89	42	360588	31.29	ng	# 70
6) Aniline	6.41	93	1080903	34.62	ng	# 51
8) 2-Chlorophenol	6.52	128	735441	38.14	ng	84
9) Benzaldehyde	6.28	77	468432	33.70	ng	98
10) Phenol	6.41	94	998713	41.15	ng	78
11) bis(2-Chloroethyl)ether	6.49	93	779803	41.48	ng	90
12) 1,3-Dichlorobenzene	6.68	146	810383	40.74	ng	98
13) 1,4-Dichlorobenzene	6.76	146	800607m	40.14	ng	
14) 1,2-Dichlorobenzene	6.91	146	726615	38.04	ng	99
15) Benzyl Alcohol	6.90	79	699505	38.96	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1163650	33.99	ng	95
17) 2-Methylphenol	7.01	107	597734	36.99	ng	# 93
18) Hexachloroethane	7.25	117	324464	40.68	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	522405	36.15	ng	# 76
20) 3+4-Methylphenols	7.17	107	762706	40.15	ng	# 87
22) Acetophenone	7.16	105	1067450	38.11	ng	# 97
24) Nitrobenzene	7.33	77	824099	38.82	ng	97
25) Isophorone	7.57	82	1550075	38.72	ng	99
26) 2-Nitrophenol	7.65	139	417695	43.23	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	731950	37.43	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	960405	39.28	ng	98
29) 2,4-Dichlorophenol	7.89	162	605815	37.19	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	679079	40.38	ng	96
31) Naphthalene	8.05	128	2226369	42.13	ng	98
32) Benzoic acid	7.85	122	498173	40.69	ng	94
33) 4-Chloroaniline	8.11	127	1057166	43.63	ng	# 92
34) Hexachlorobutadiene	8.17	225	363217	37.57	ng	98
35) Caprolactam	8.51	113	248647	45.28	ng	# 84
36) 4-Chloro-3-methylphenol	8.60	107	775092	42.48	ng	97
37) 2-Methylnaphthalene	8.74	142	1328229	35.01	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	676381	42.99	ng	99
40) Hexachlorocyclopentadiene	8.90	237	357690	37.66	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	455022	38.65	ng	97
43) 2,4,5-Trichlorophenol	9.07	196	481156	42.64	ng #	92
45) 1,1'-Biphenyl	9.21	154	1675436	38.52	ng	99
46) 2-Chloronaphthalene	9.23	162	1314297	38.46	ng	95
47) 2-Nitroaniline	9.33	65	537249	47.64	ng	93
48) Acenaphthylene	9.64	152	1825994	36.17	ng	96
49) Dimethylphthalate	9.52	163	1642463	41.98	ng #	90
50) 2,6-Dinitrotoluene	9.57	165	360753	42.04	ng #	43
51) Acenaphthene	9.81	154	1300185	38.40	ng	97
52) 3-Nitroaniline	9.74	138	390221	36.70	ng	98
53) 2,4-Dinitrophenol	9.85	184	189793	53.16	ng #	76
54) Dibenzofuran	9.98	168	1606496	36.04	ng #	89
55) 4-Nitrophenol	9.92	139	302378	39.17	ng #	76
56) 2,4-Dinitrotoluene	9.98	165	517833	47.68	ng	88
57) Fluorene	10.33	166	1333777	39.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	422578	43.86	ng	92
59) Diethylphthalate	10.21	149	1516107	39.30	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	685634	48.54	ng #	86
61) 4-Nitroaniline	10.36	138	440391	46.46	ng	94
62) Azobenzene	10.49	77	1730966	40.91	ng	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	268950	39.35	ng #	60
65) n-Nitrosodiphenylamine	10.44	169	1280603	35.80	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	429791	35.69	ng #	73
67) Hexachlorobenzene	10.88	284	534743	39.46	ng	99
68) Atrazine	10.98	200	412810	35.27	ng	98
69) Pentachlorophenol	11.07	266	284979	40.55	ng	98
70) Phenanthrene	11.29	178	2280534	38.97	ng	95
71) Anthracene	11.33	178	2267445	39.53	ng	98
72) Carbazole	11.49	167	1882637	33.57	ng	97
73) Di-n-butylphthalate	11.84	149	2628424	43.79	ng #	96
74) Fluoranthene	12.47	202	2342133	38.31	ng	98
76) Benzidine	12.60	184	1091030	37.16	ng	99
77) Pyrene	12.69	202	2343921	36.48	ng	97
79) Butylbenzylphthalate	13.32	149	1022648	36.78	ng	87
80) Benzo(a)anthracene	13.88	228	1992660	41.44	ng	97
81) 3,3'-Dichlorobenzidine	13.86	252	851037	50.71	ng	99
82) Chrysene	13.93	228	2085018	45.13	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1380012	39.28	ng	99
84) Di-n-octyl phthalate	14.50	149	2485662	41.91	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.61	276	1651729	45.10	ng	99
87) Benzo(b)fluoranthene	14.90	252	2069229m	39.04	ng	
88) Benzo(k)fluoranthene	14.92	252	1579476m	36.44	ng	
89) Benzo(a)pyrene	15.23	252	1740707	38.72	ng #	96
90) Dibenzo(a,h)anthracene	16.63	278	1338160	34.59	ng	96
91) Benzo(g,h,i)perylene	17.01	276	1343110	33.53	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084617.D

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Instrument :

BNA_F

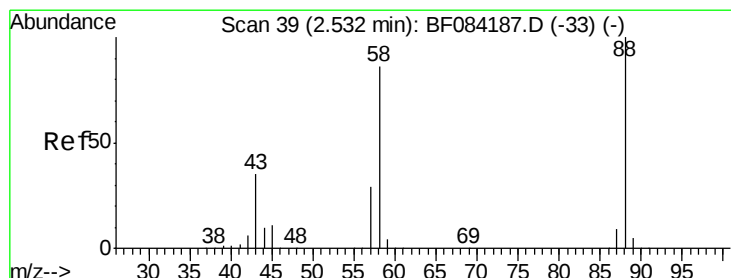
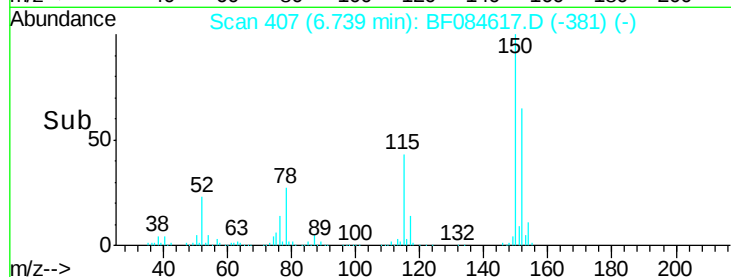
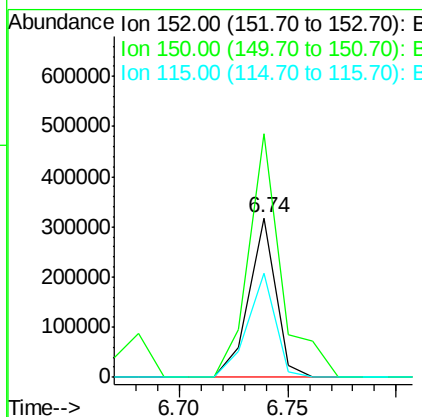
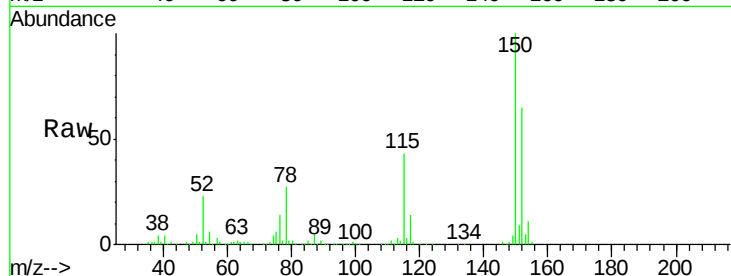
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	274904
Ion Ratio	Lower	Upper	
152	100		
150	152.9	123.0	184.4
115	65.2	51.4	77.2

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#2

1,4-Dioxane

Concen: 35.51 ng

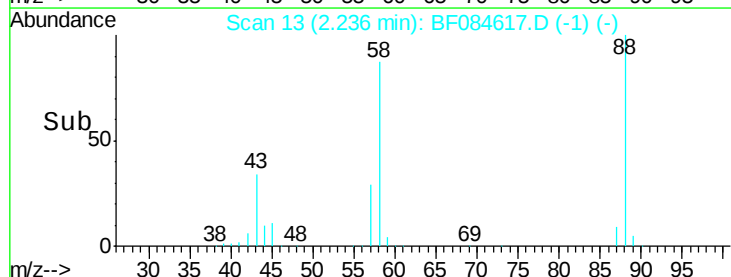
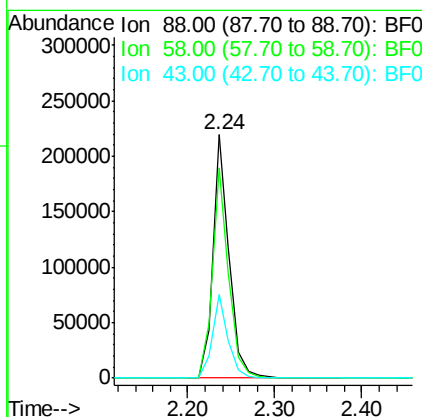
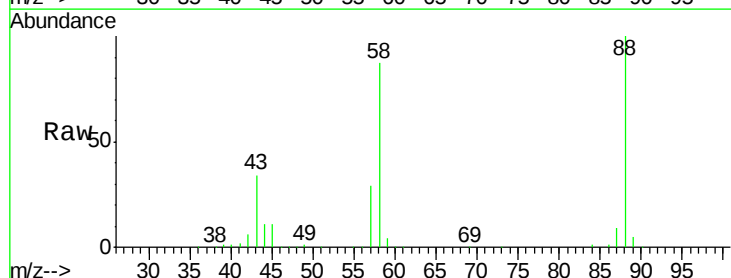
RT: 2.24 min Scan# 13

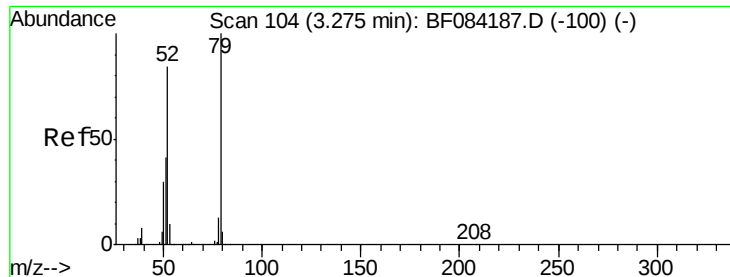
Delta R.T. -0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	88	Resp:	285865
Ion Ratio	Lower	Upper	
88	100		
58	86.8	51.2	76.8#
43	33.2	19.5	29.3#





#3

Pyridine

Concen: 24.92 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

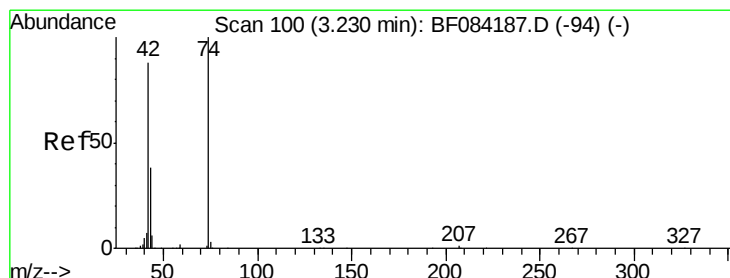
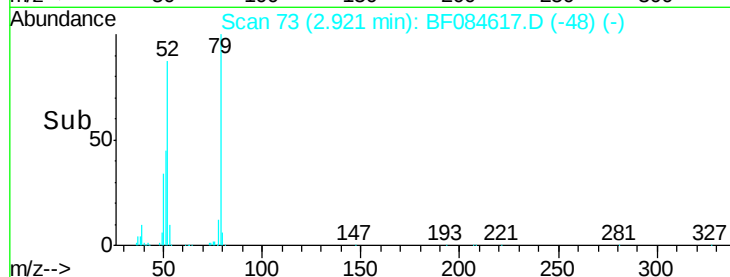
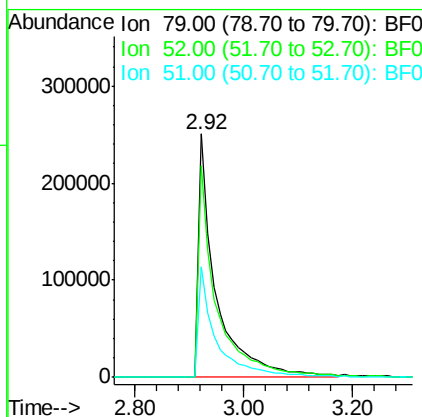
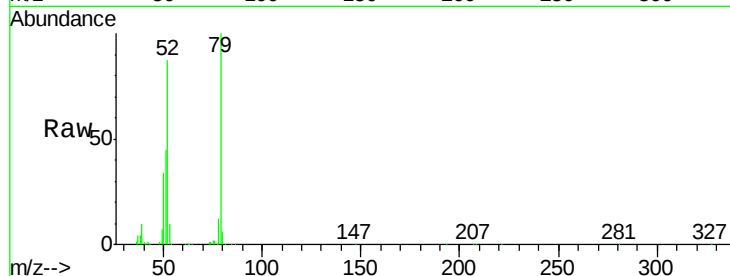
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	559350
Ion Ratio	Lower	Upper	
79	100		
52	87.1	49.0	73.4#
51	45.5	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 31.29 ng

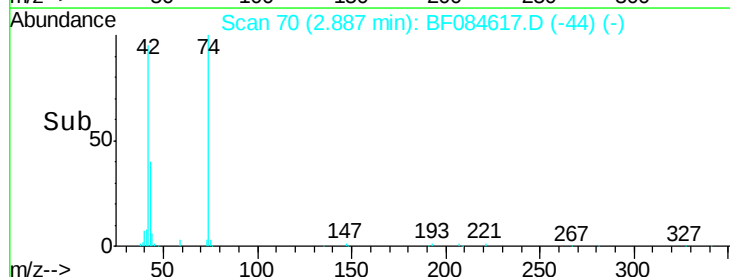
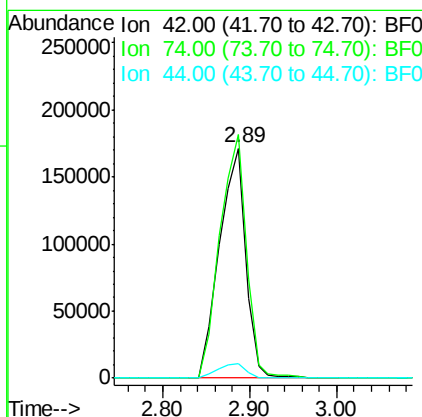
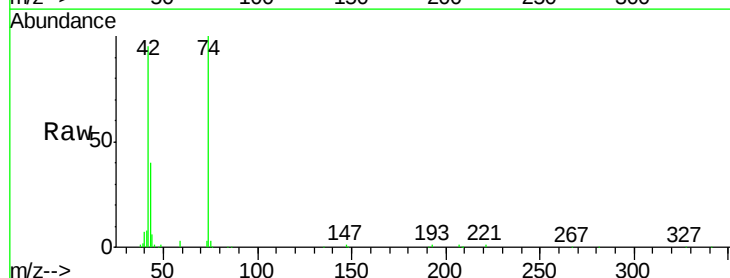
RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	42	Resp:	360588
Ion Ratio	Lower	Upper	
42	100		
74	105.8	115.7	173.5#
44	6.5	5.1	7.7





#5

2-Fluorophenol

Concen: 81.48 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1384821

Ion Ratio Lower Upper

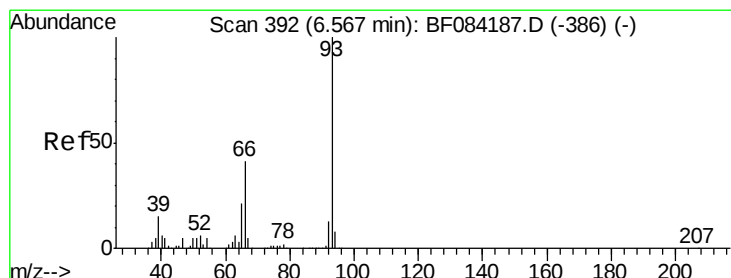
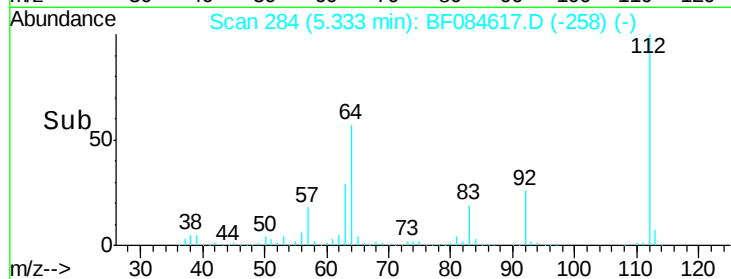
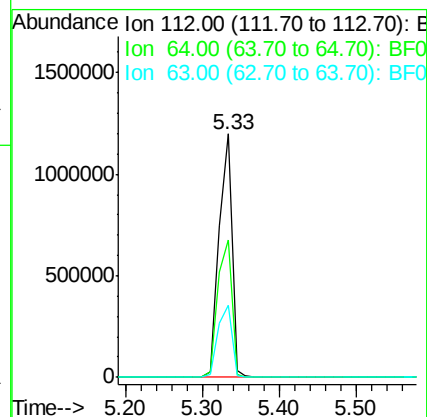
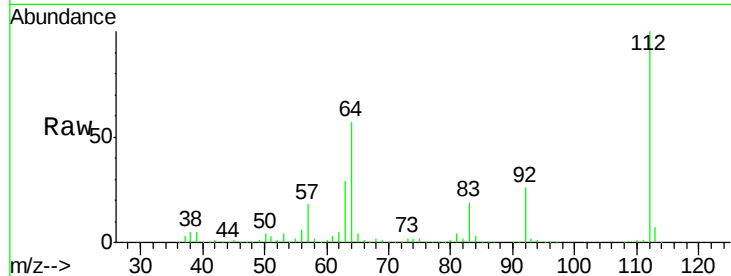
112 100

64 56.5 36.6 55.0#

63 29.5 19.4 29.0#

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#6

Aniline

Concen: 34.62 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

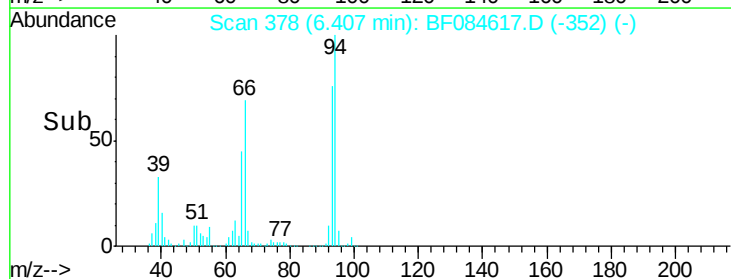
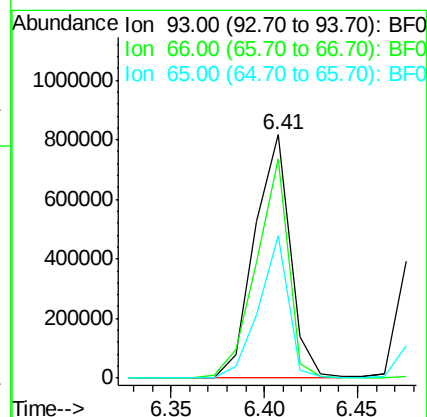
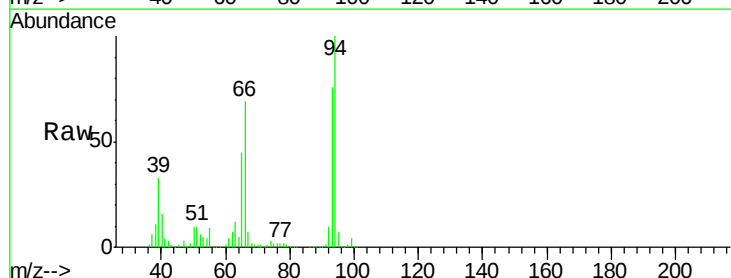
Tgt Ion: 93 Resp: 1080903

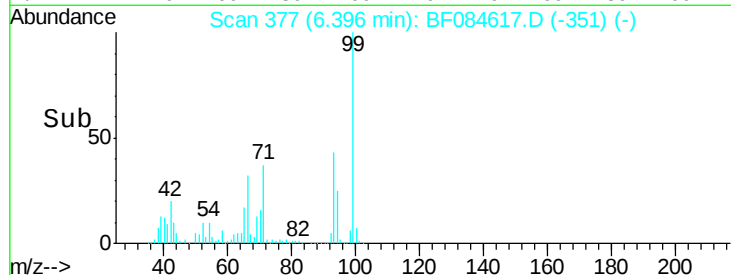
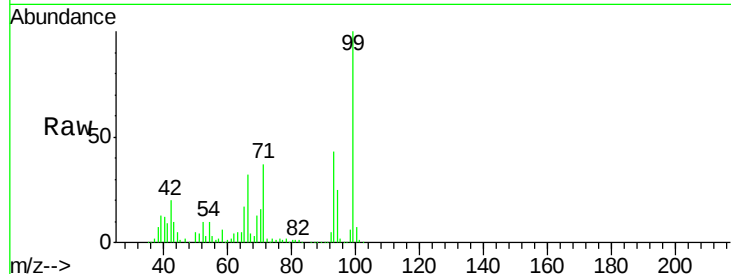
Ion Ratio Lower Upper

93 100

66 89.8 44.9 67.3#

65 58.5 23.7 35.5#





#7

Phenol-d6

Concen: 77.83 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion: 99 Resp: 1661363

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 36.8 30.9 46.3

Instrument :

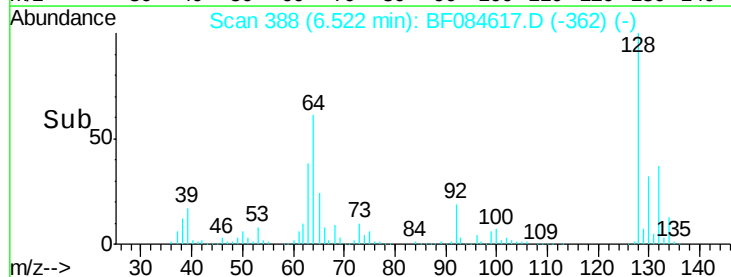
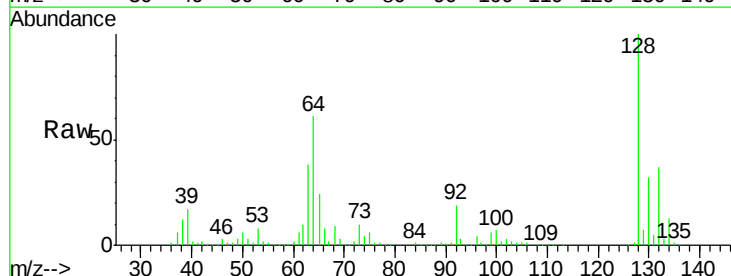
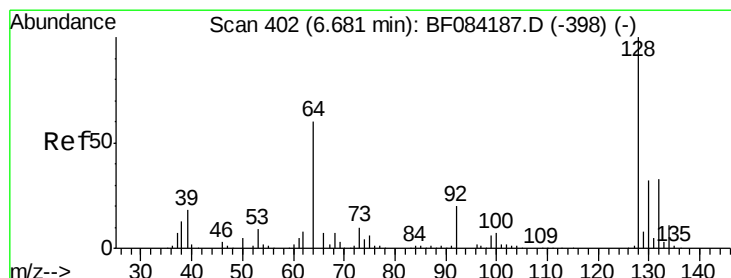
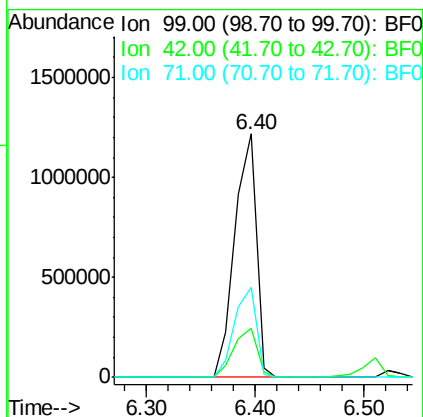
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#8

2-Chlorophenol

Concen: 38.14 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

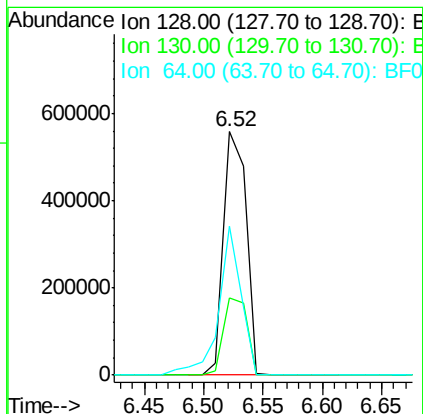
Tgt Ion: 128 Resp: 735441

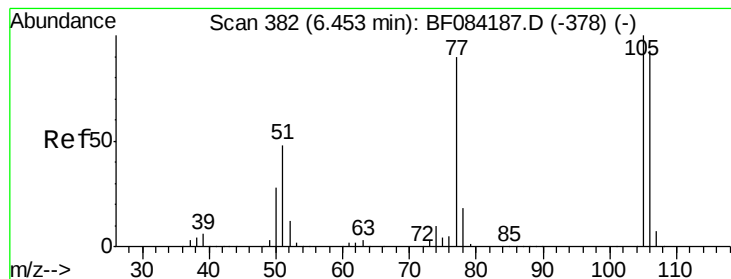
Ion Ratio Lower Upper

128 100

130 31.6 11.6 51.6

64 61.2 23.8 63.8





#9

Benzaldehyde

Concen: 33.70 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

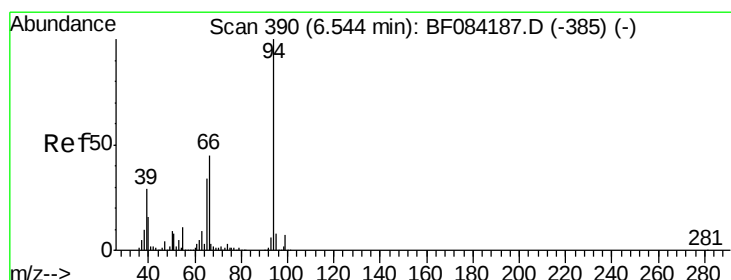
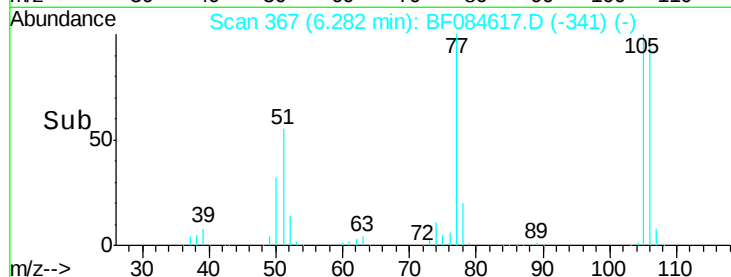
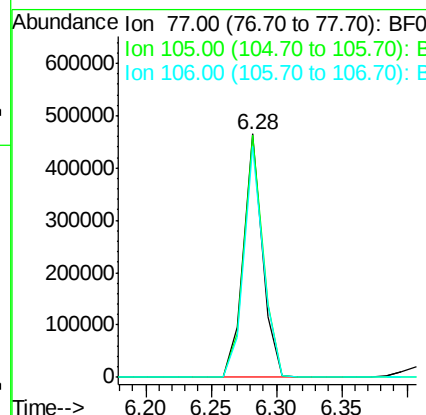
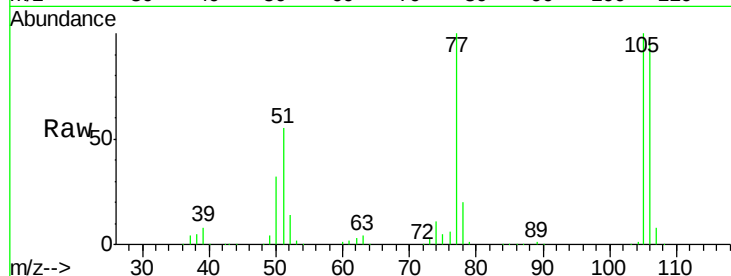
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	468432
Ion Ratio	Lower	Upper	
77	100		
105	99.8	83.0	123.0
106	94.6	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 41.15 ng

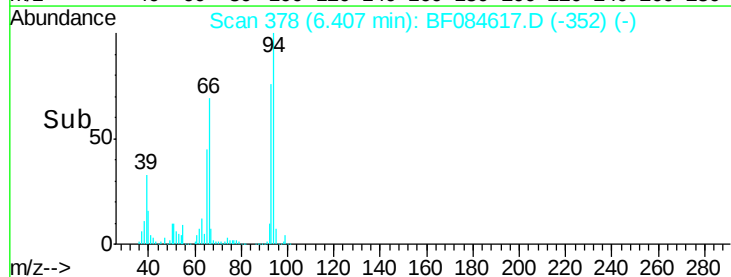
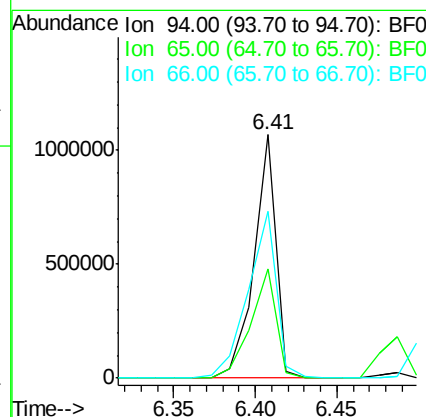
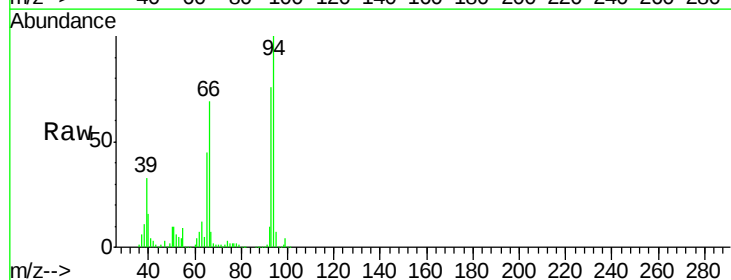
RT: 6.41 min Scan# 378

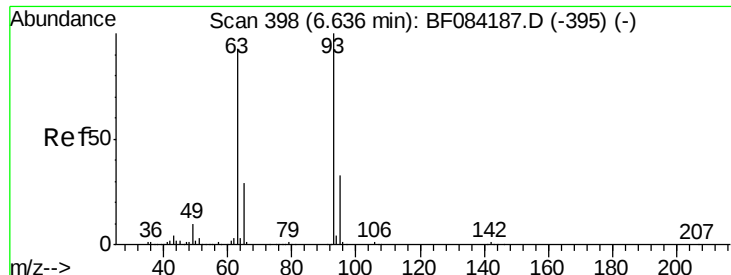
Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	94	Resp:	998713
Ion Ratio	Lower	Upper	
94	100		
65	44.7	12.9	52.9
66	68.6	32.7	72.7





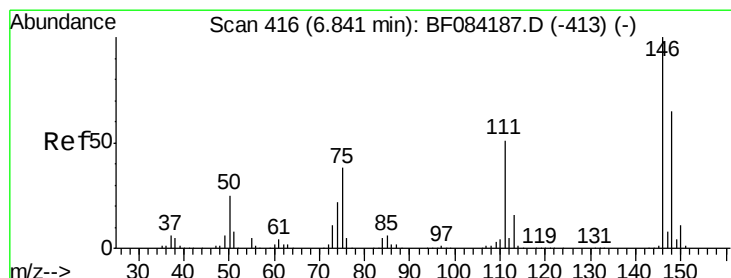
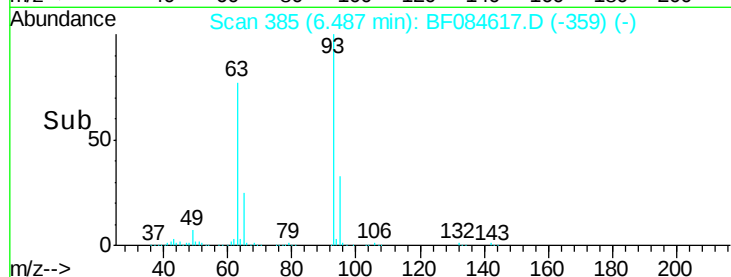
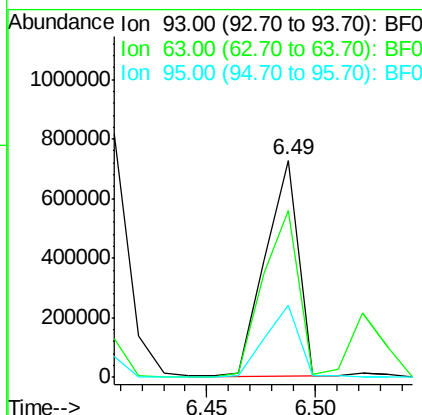
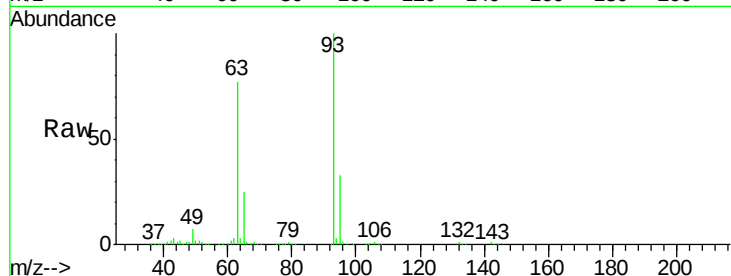
#11
bis(2-Chloroethyl)ether
Concen: 41.48 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:	93	Resp:	779803
Ion	Ratio	Lower	Upper
93	100		
63	76.6	45.9	85.9
95	33.4	12.3	52.3

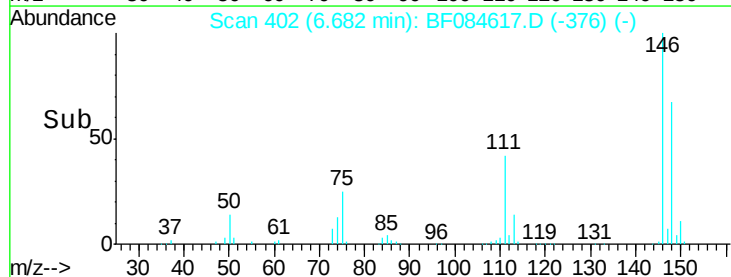
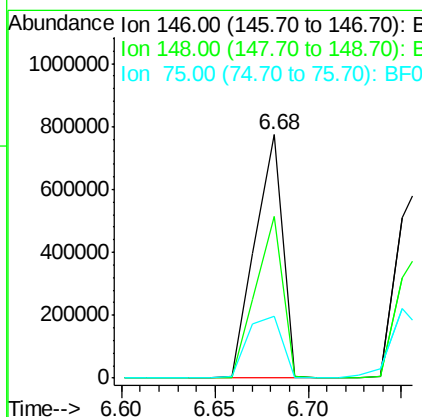
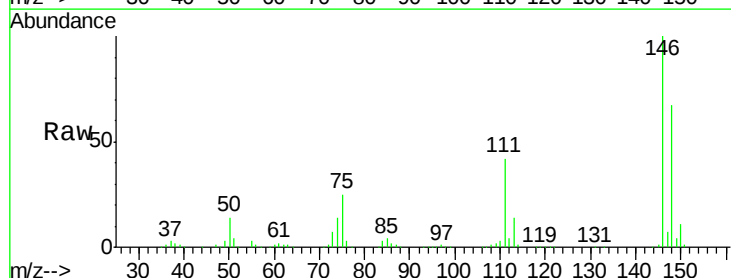
Manual Integrations
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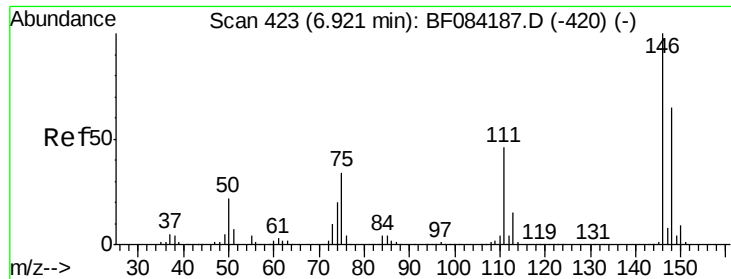
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.74 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:	146	Resp:	810383
Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.9	77.9
75	25.5	20.5	30.7





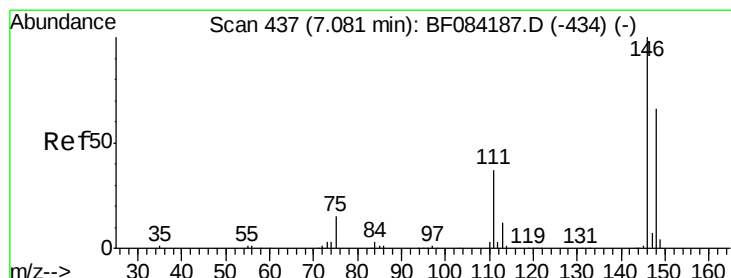
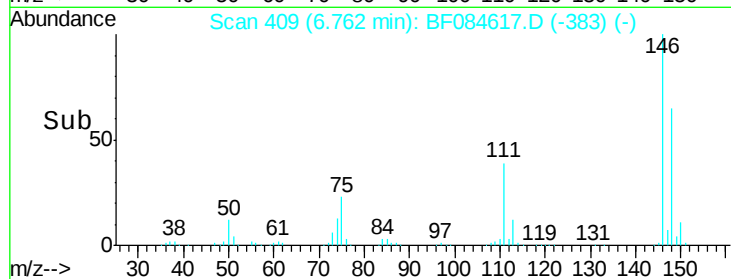
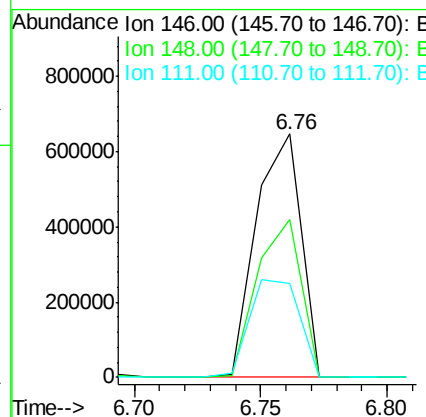
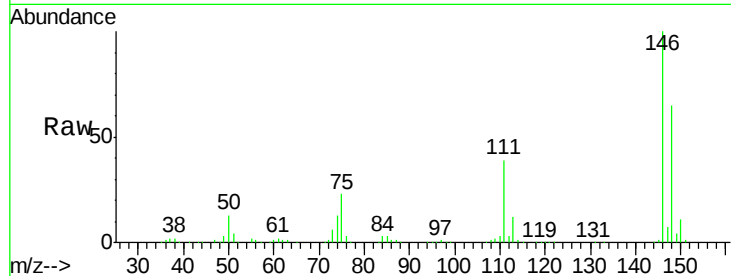
#13
 1,4-Dichlorobenzene
 Concen: 40.14 ng m
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	38.5	41.6	62.4#

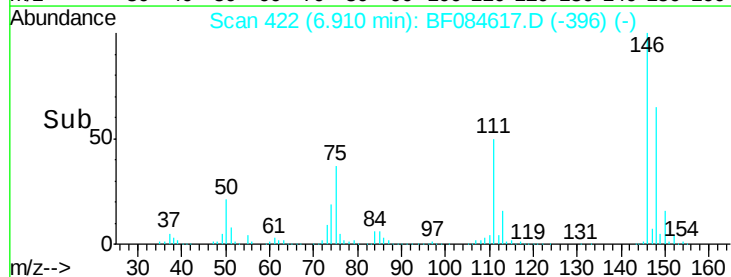
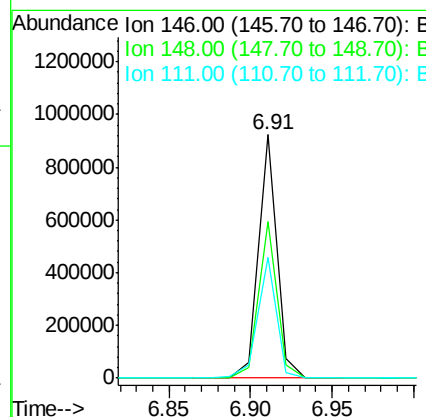
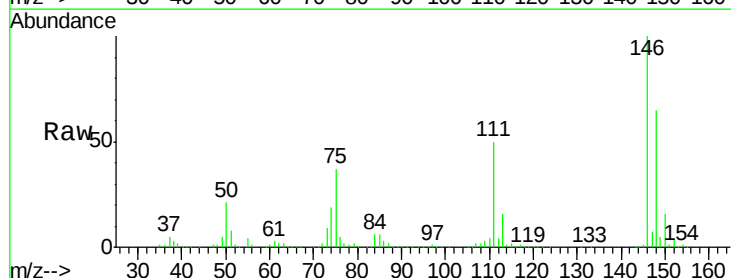
Manual Integrations
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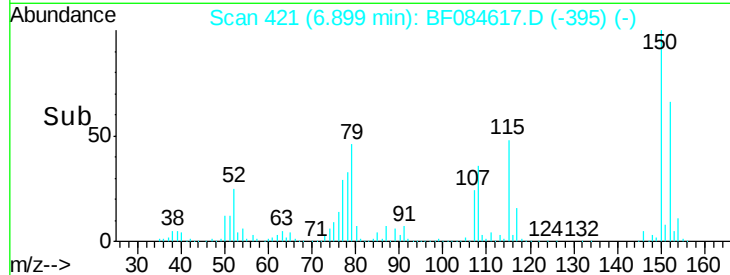
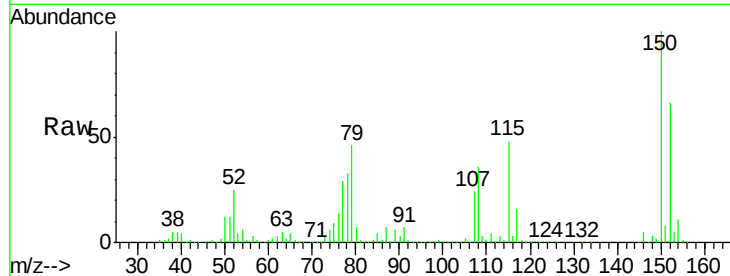
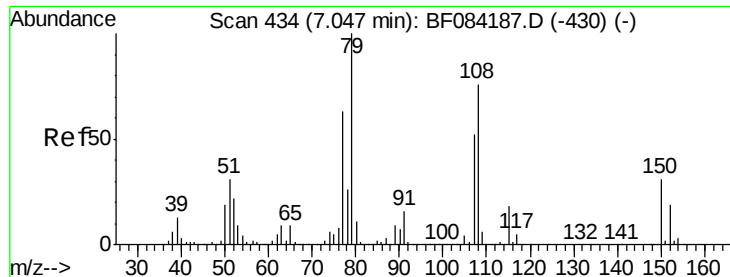
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	49.8	38.0	57.0





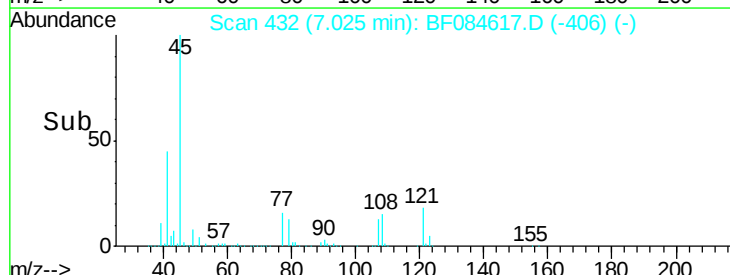
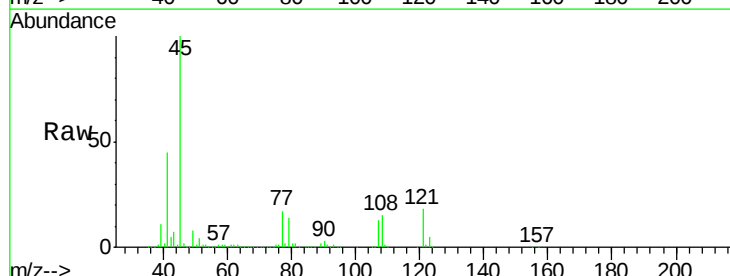
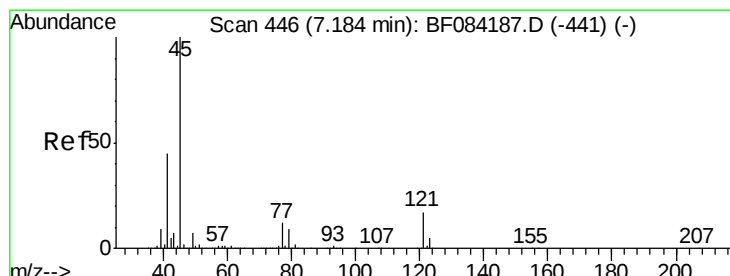
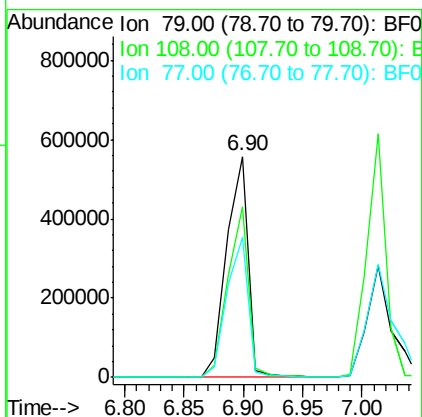
#15
Benzyl Alcohol
Concen: 38.96 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:	79	Resp:	699505
Ion Ratio	100	Lower	Upper
79	100		
108	77.6	69.0	103.4
77	63.2	50.0	75.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

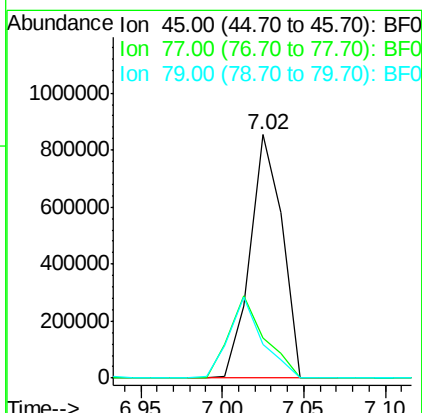
Manual Integrations
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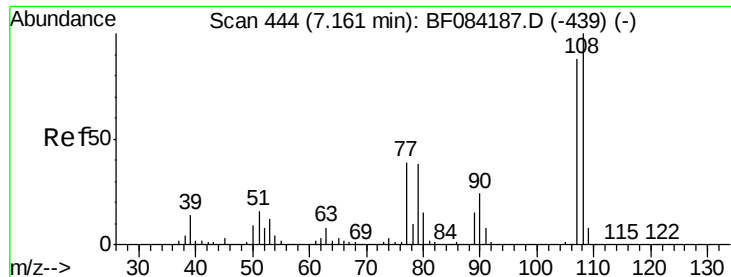
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.99 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:	45	Resp:	1163650
Ion Ratio	100	Lower	Upper
45	100		
77	16.7	0.0	39.6
79	13.7	0.0	35.0





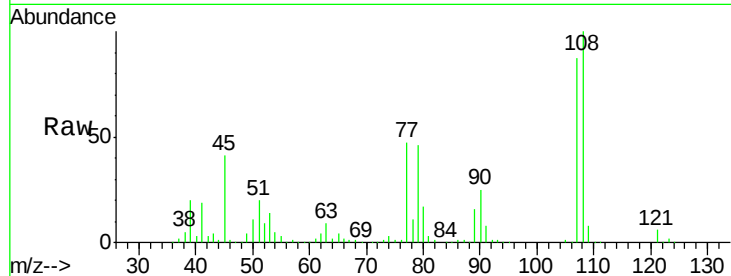
#17
2-Methylphenol
Concen: 36.99 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	597734		
108	114.8	89.8	134.6	
77	53.6	35.7	53.5	
79	52.8	35.7	53.5	

Manual Integrations
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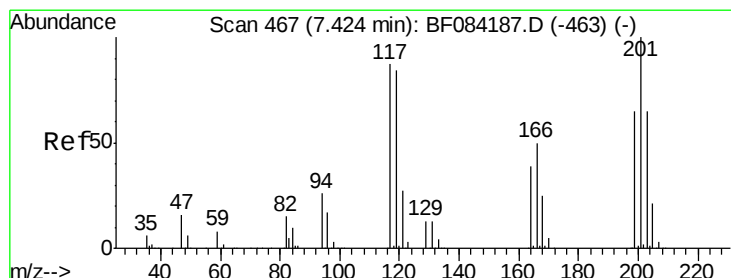
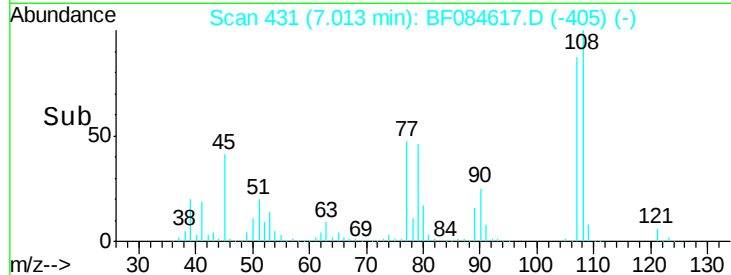
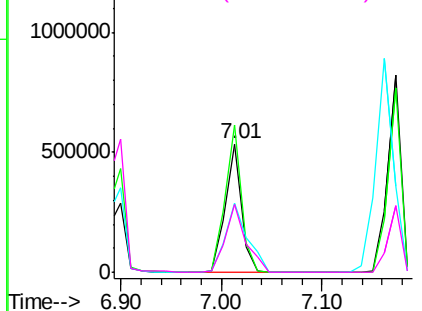
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

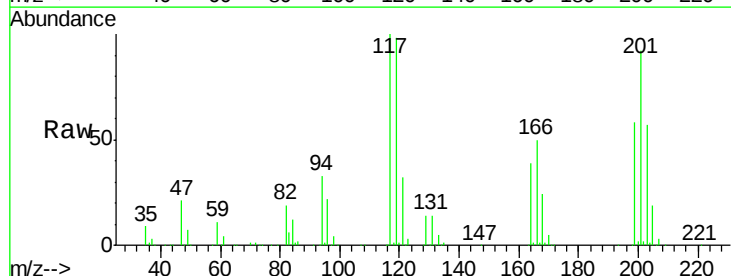
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.68 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	324464		
119	98.3	77.4	116.0	
201	91.7	68.6	103.0	

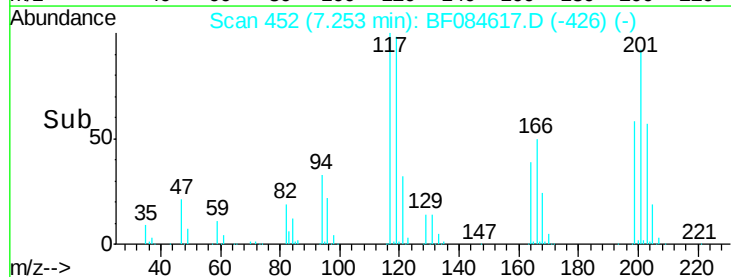
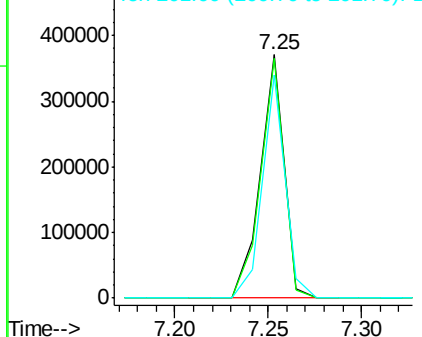


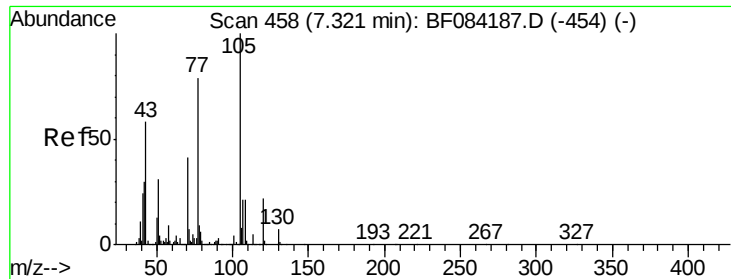
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





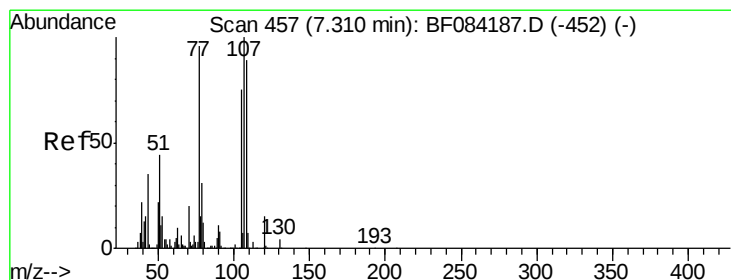
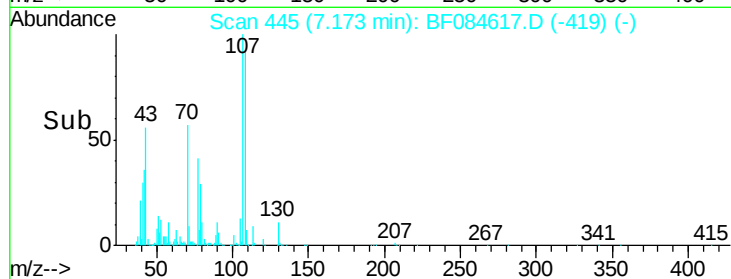
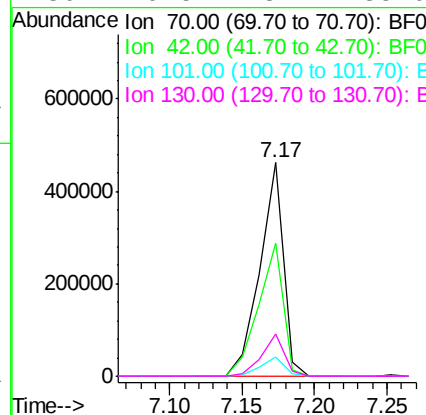
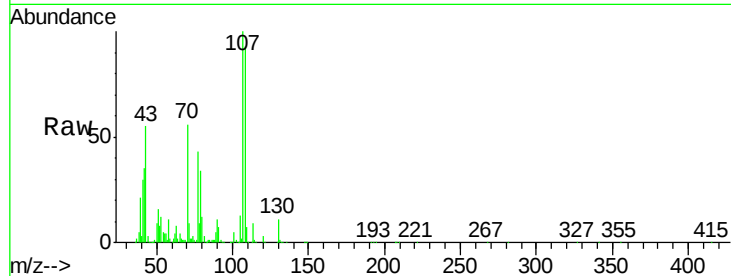
#19
n-Nitroso-di-n-propylamine
Concen: 36.15 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	62.2	33.3	49.9#
101	9.3	9.3	13.9#
130	19.5	23.4	35.0#

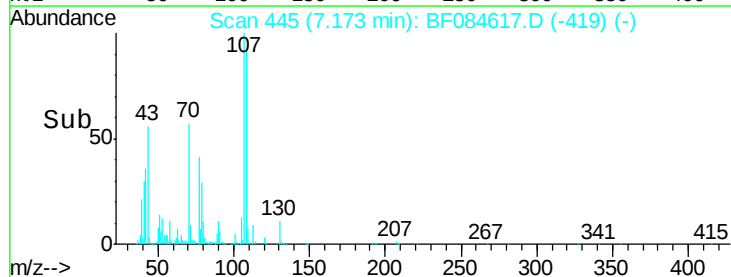
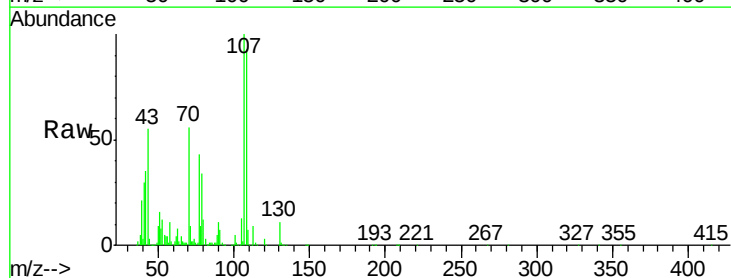
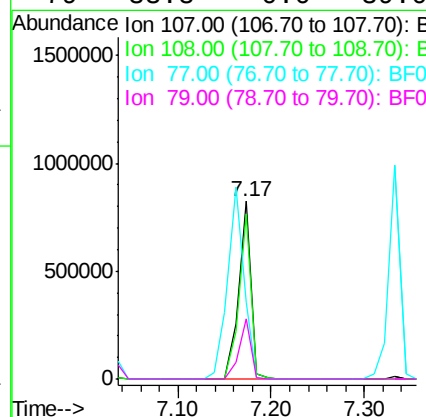
Manual Integrations
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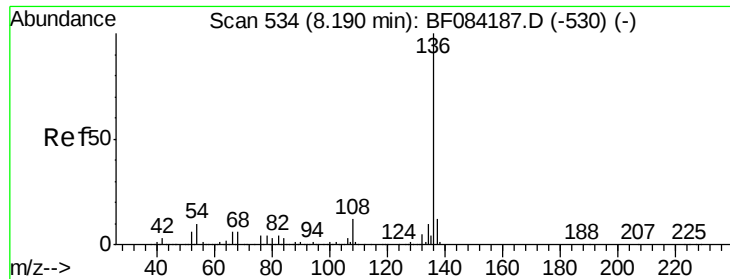
mohammad
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#20
3+4-Methylphenols
Concen: 40.15 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	93.1	74.6	114.6
77	43.3	0.7	40.7#
79	33.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1164885

Ion Ratio Lower Upper

136 100

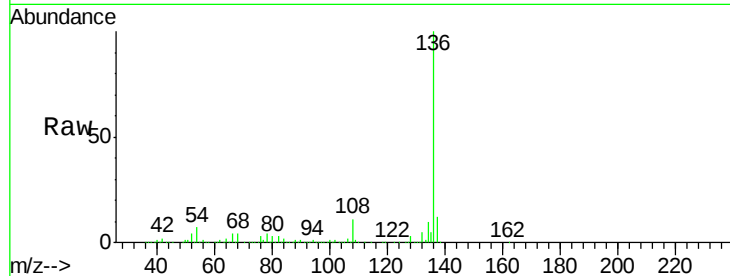
137 11.5 8.7 13.1

54 7.5 5.8 8.8

68 4.2 4.2 6.2

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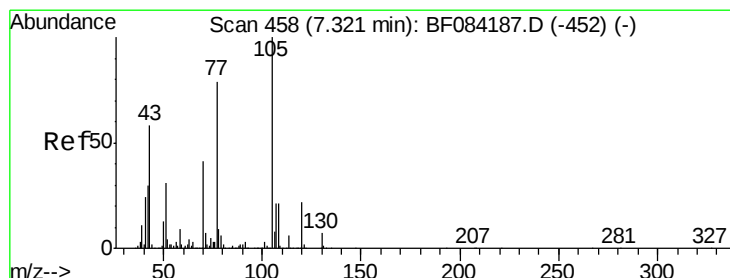
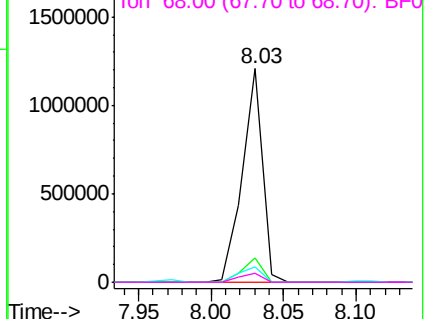
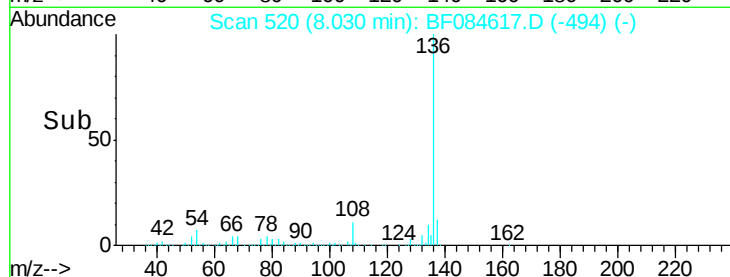


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.11 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:105 Resp: 1067450

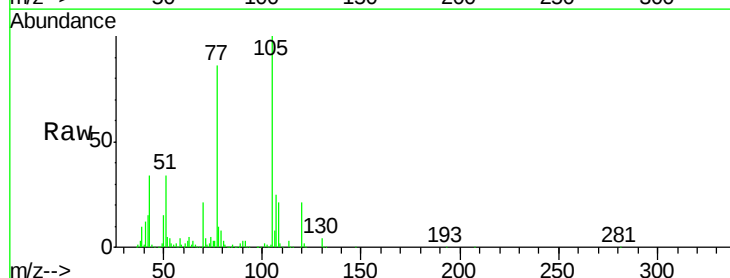
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 34.3 25.1 37.7

120 21.1 16.6 25.0

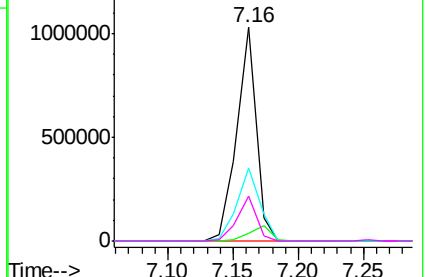
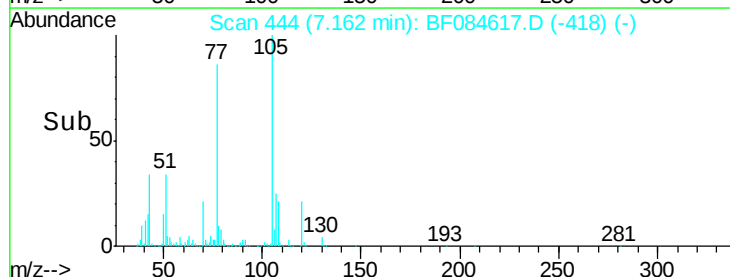


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





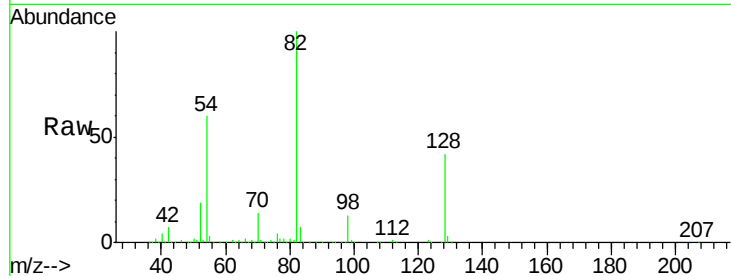
#23
 Nitrobenzene-d5
 Concen: 76.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

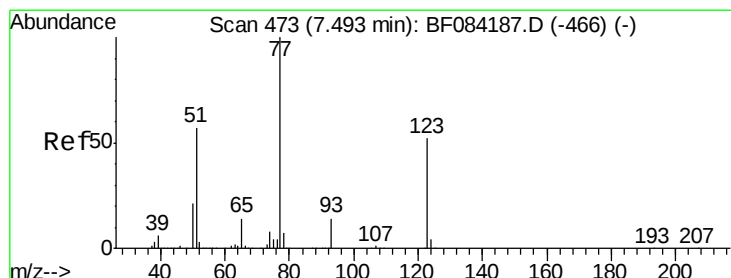
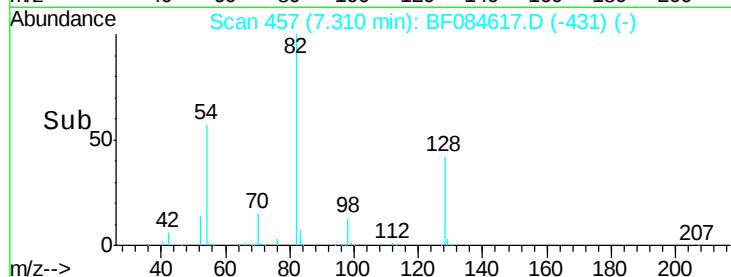
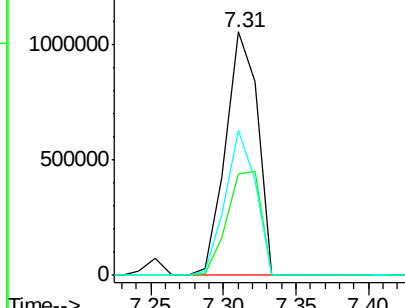
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	59.6	38.4	57.6

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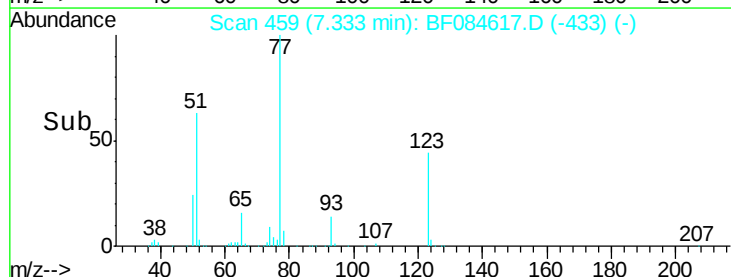
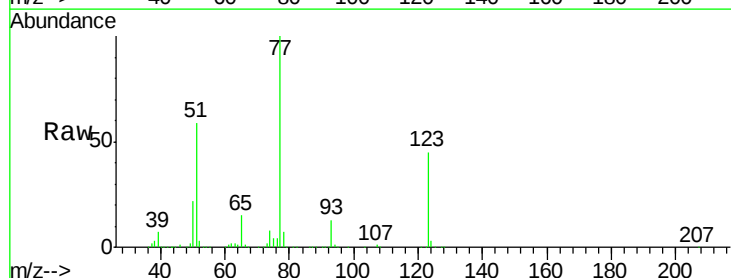
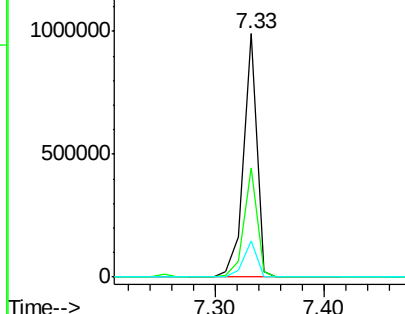
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

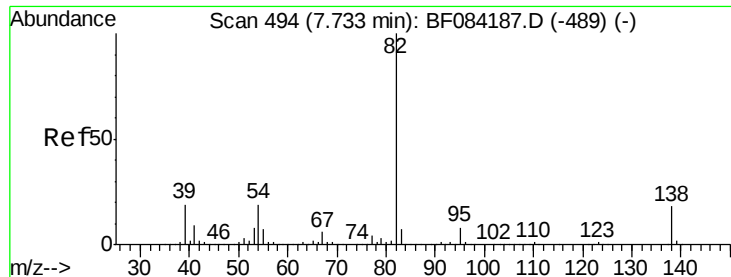


#24
 Nitrobenzene
 Concen: 38.82 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.4	56.2
65	15.0	10.9	16.3

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





#25

Isophorone

Concen: 38.72 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1550075

Ion Ratio Lower Upper

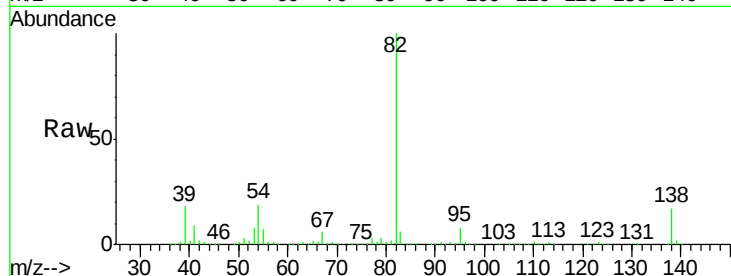
82 100

95 7.6 6.6 10.0

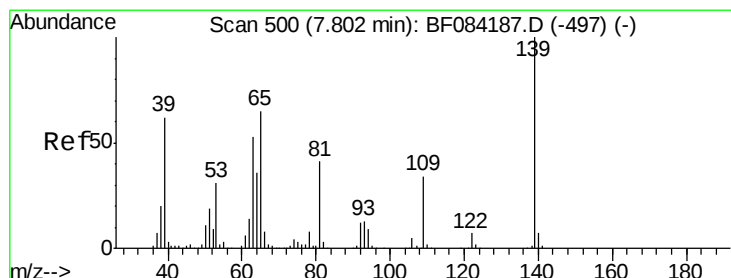
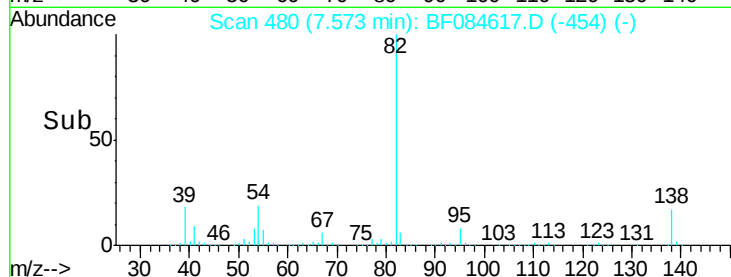
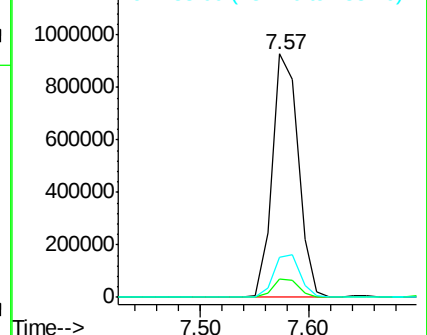
138 16.6 13.6 20.4

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



#26

2-Nitrophenol

Concen: 43.23 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

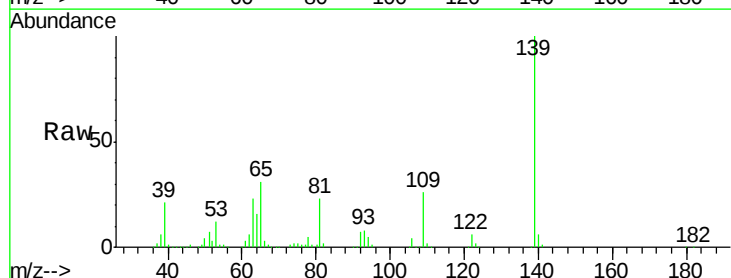
Tgt Ion: 139 Resp: 417695

Ion Ratio Lower Upper

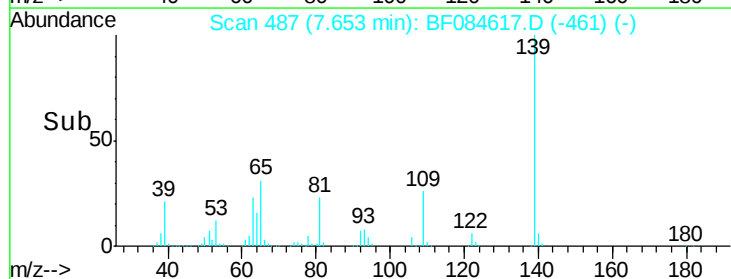
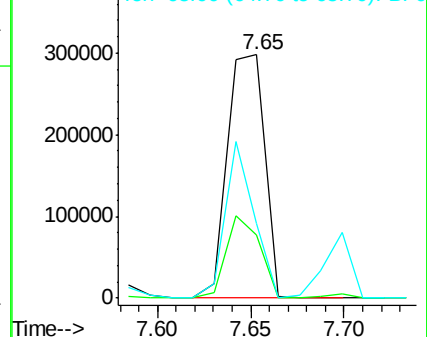
139 100

109 25.7 25.4 38.2

65 30.8 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 37.43 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

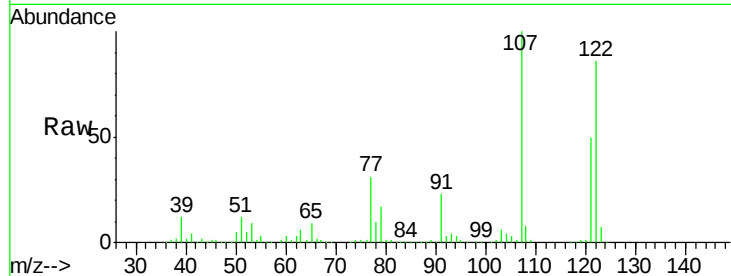
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	731950
Ion Ratio	Lower	Upper	
122	100		
107	116.9	99.1	148.7
121	58.7	47.9	71.9

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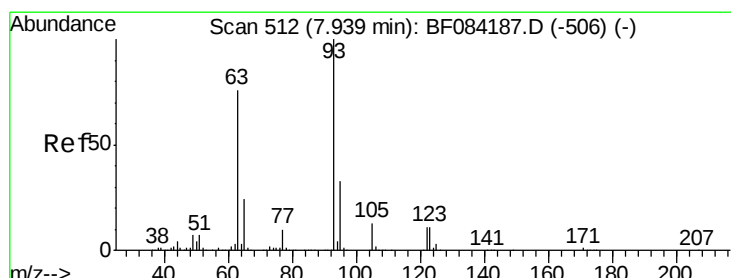
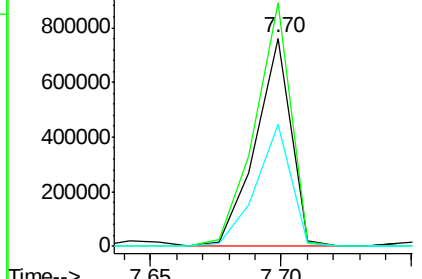
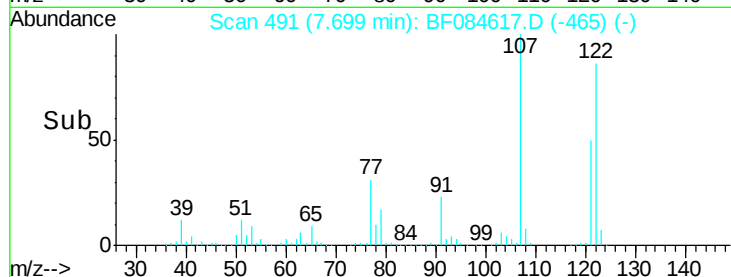
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.28 ng

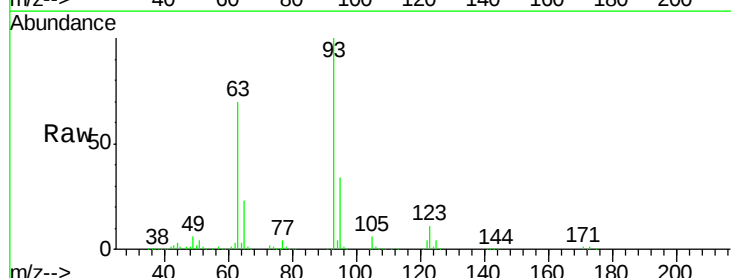
RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

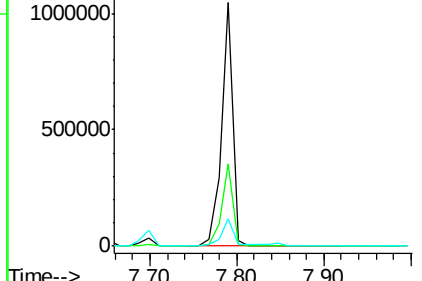
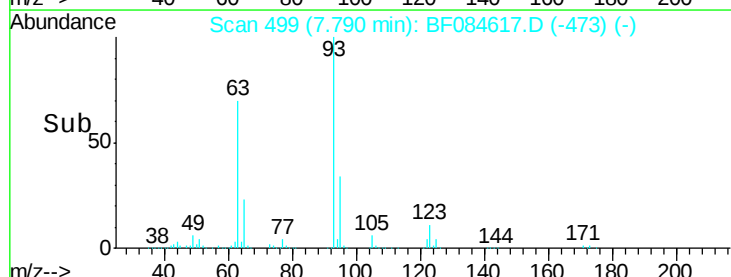
Tgt Ion:	93	Resp:	960405
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.8	38.6
123	11.0	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





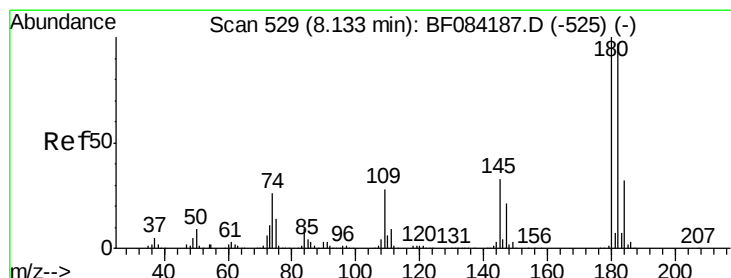
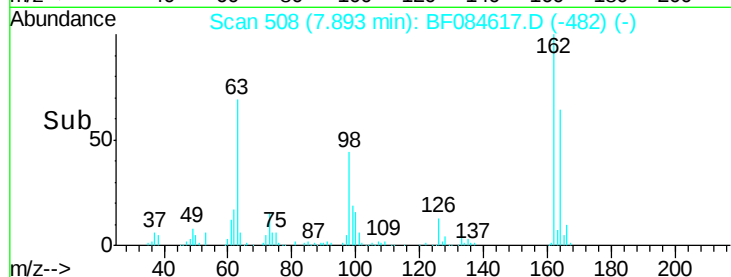
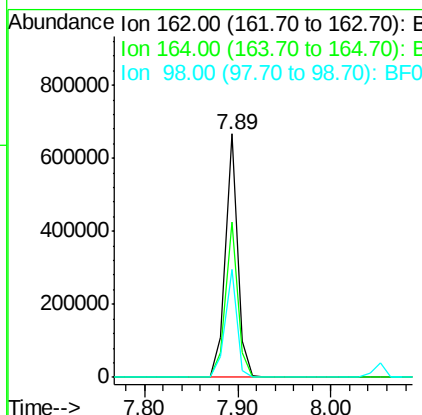
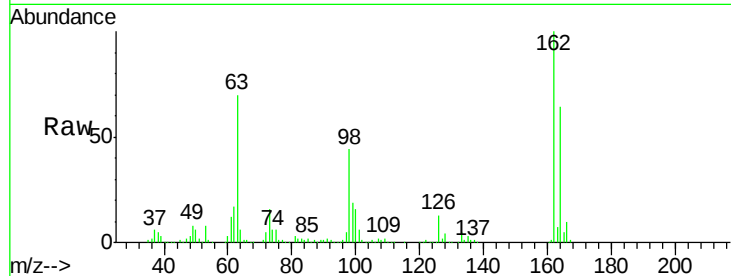
#29
2,4-Dichlorophenol
Concen: 37.19 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	44.1	84.1
98	44.2	20.2	60.2

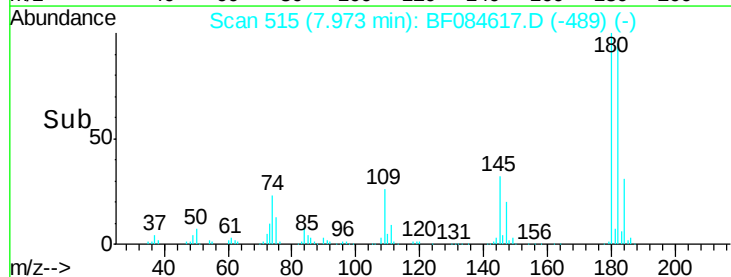
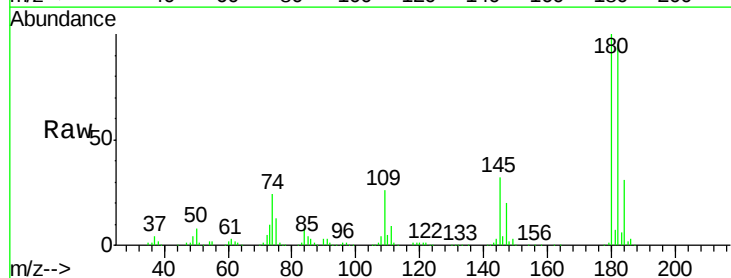
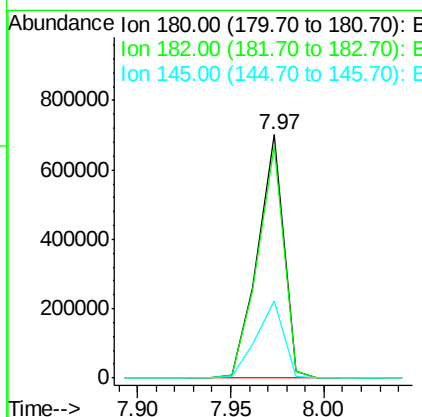
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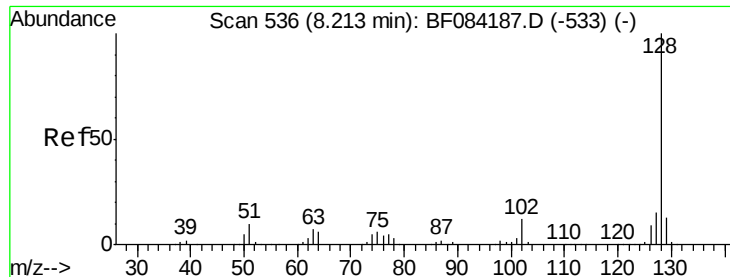
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#30
1,2,4-Trichlorobenzene
Concen: 40.38 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	76.4	114.6
145	31.9	31.6	47.4





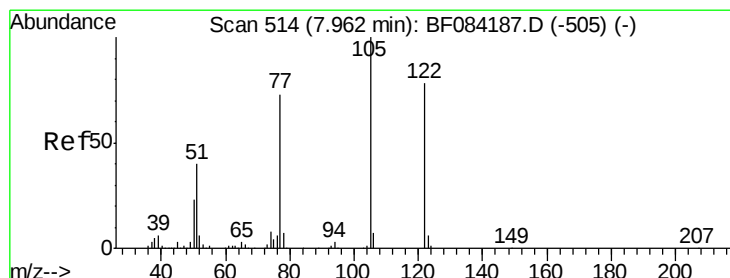
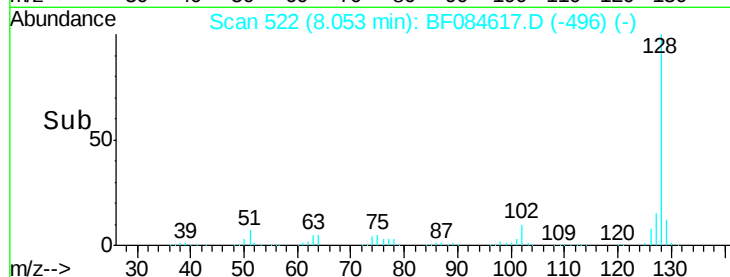
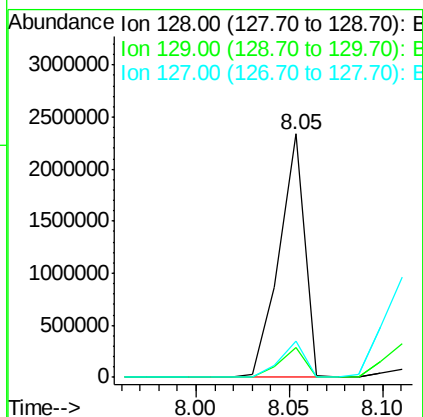
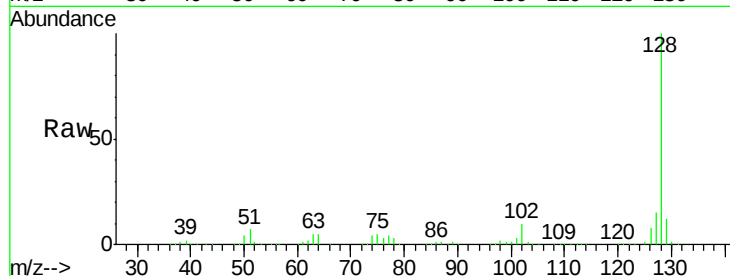
#31
Naphthalene
Concen: 42.13 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.7	11.1	16.7

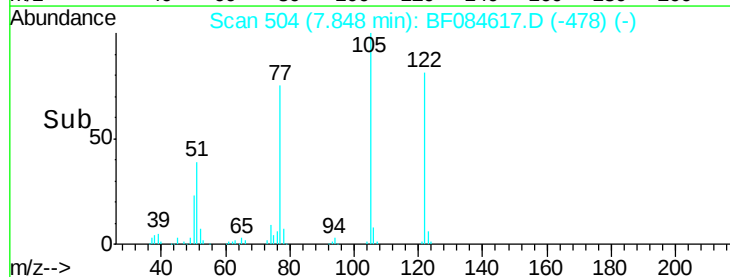
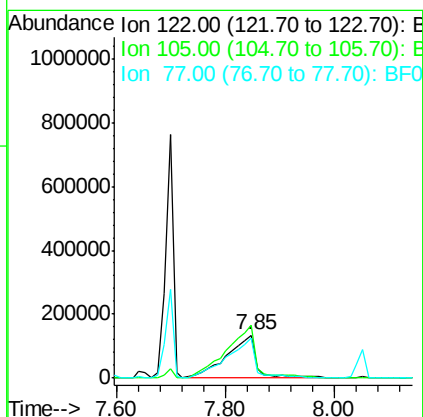
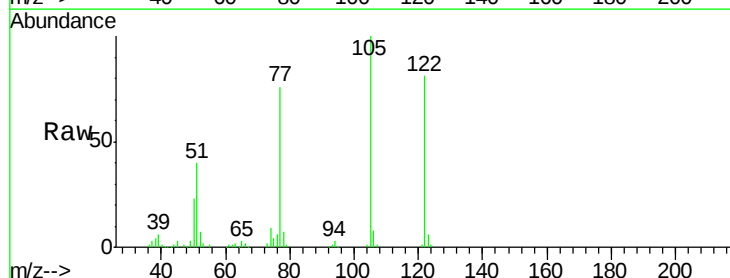
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#32
Benzoic acid
Concen: 40.69 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	100.3	140.3
77	92.8	63.5	103.5





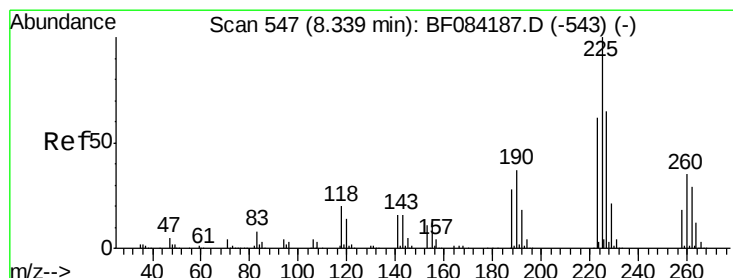
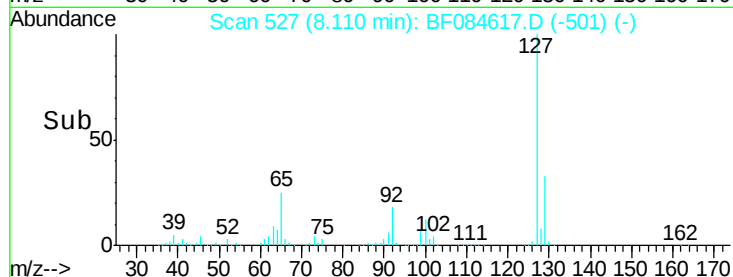
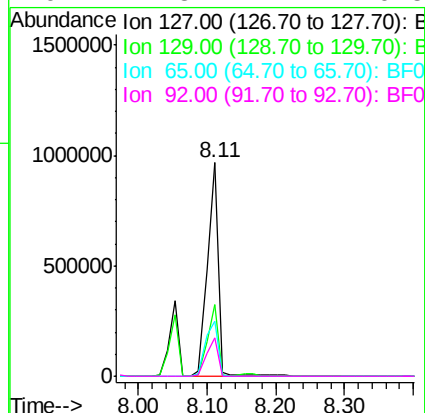
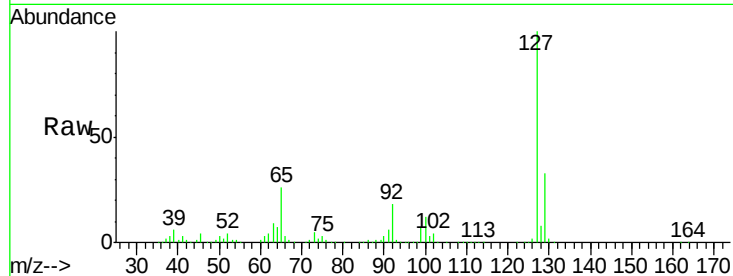
#33
4-Chloroaniline
Concen: 43.63 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.5	39.7
65	25.5	27.2	40.8
92	17.8	17.7	26.5

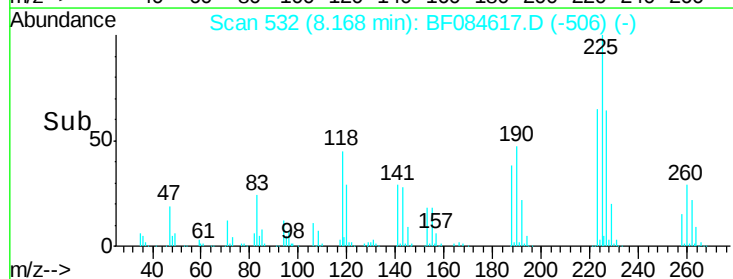
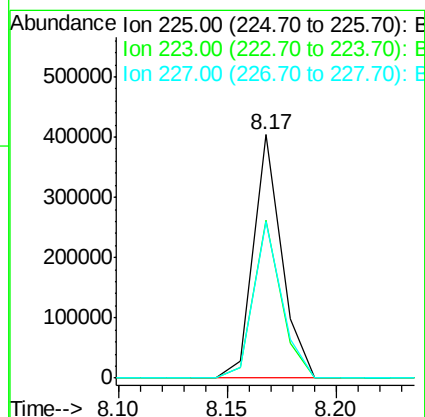
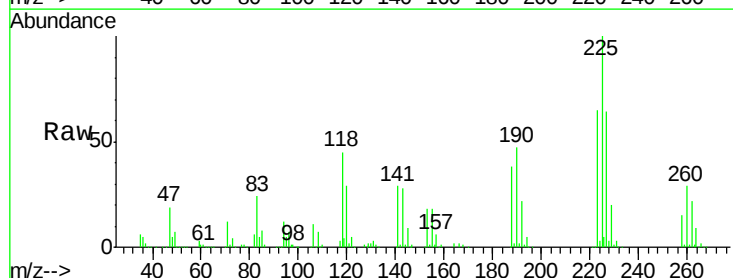
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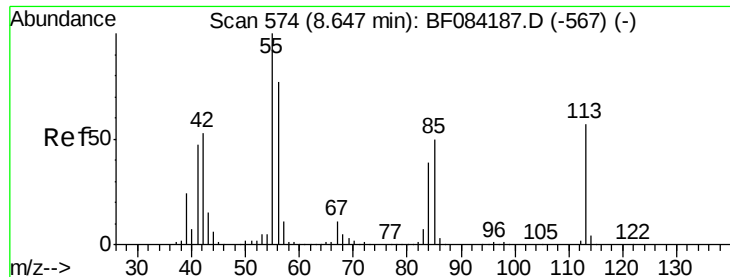
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#34
Hexachlorobutadiene
Concen: 37.57 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.0
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 45.28 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 248647
Ion Ratio Lower Upper

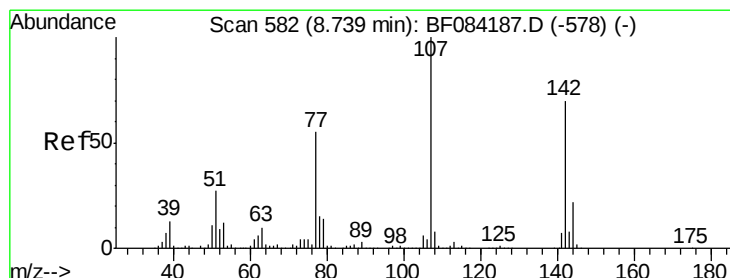
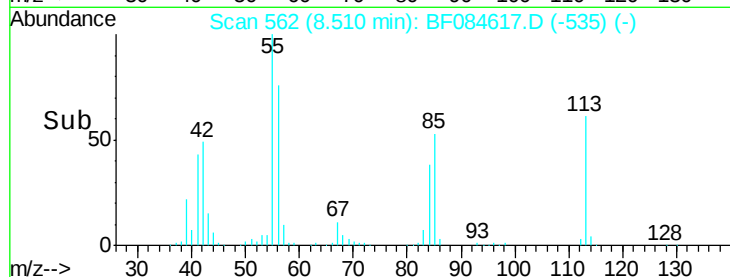
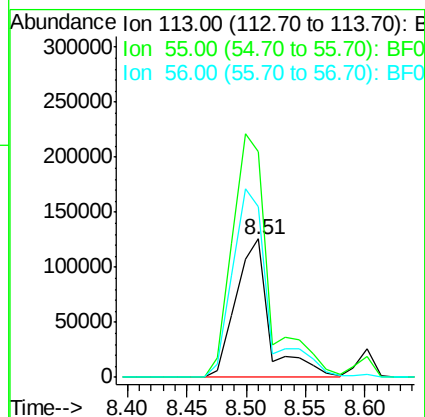
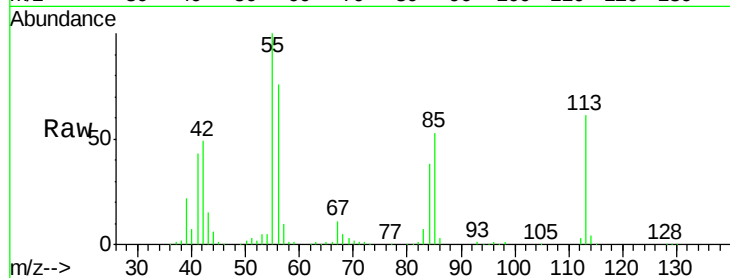
113 100

55 163.5 116.9 156.9#

56 124.0 93.8 133.8

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#36

4-Chloro-3-methylphenol

Concen: 42.48 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF084617.D

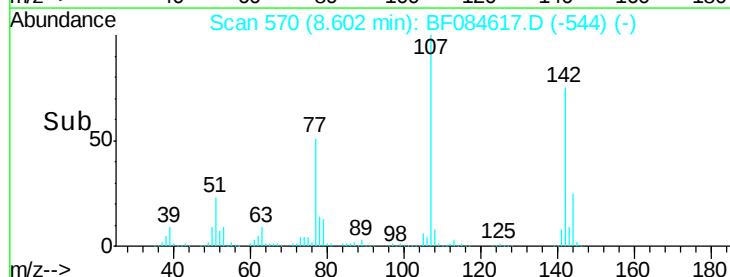
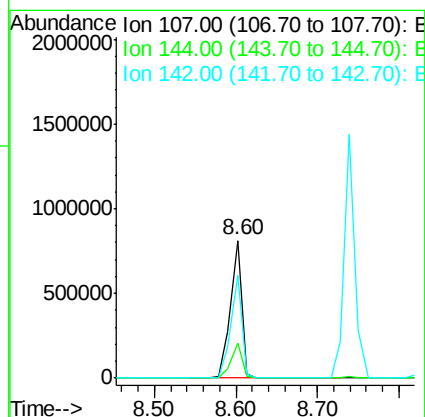
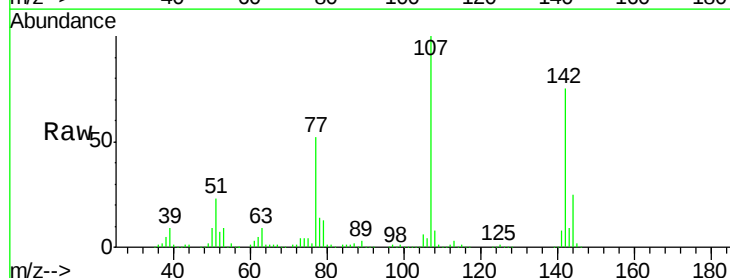
Acq: 27 Jan 2016 9:16

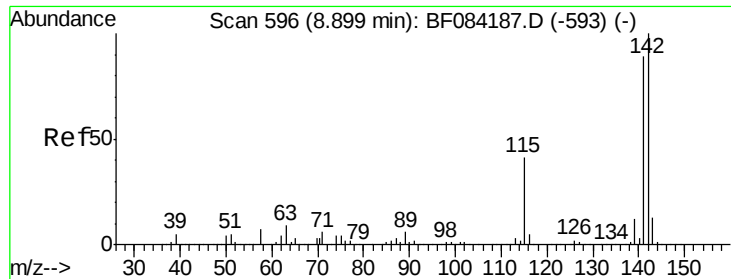
Tgt Ion:107 Resp: 775092
Ion Ratio Lower Upper

107 100

144 25.3 19.7 29.5

142 74.7 61.8 92.6





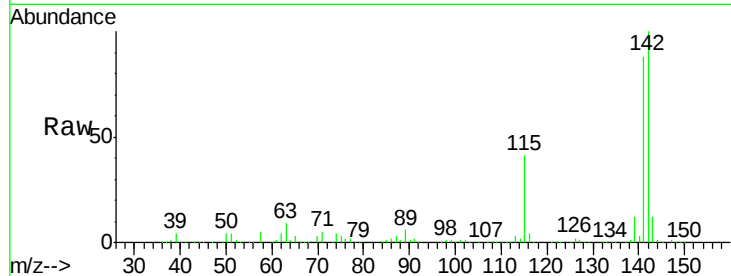
#37
2-Methylnaphthalene
Concen: 35.01 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

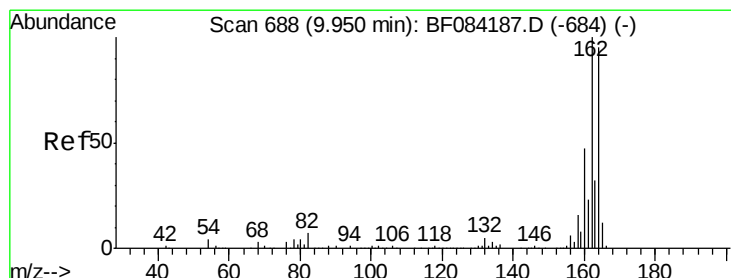
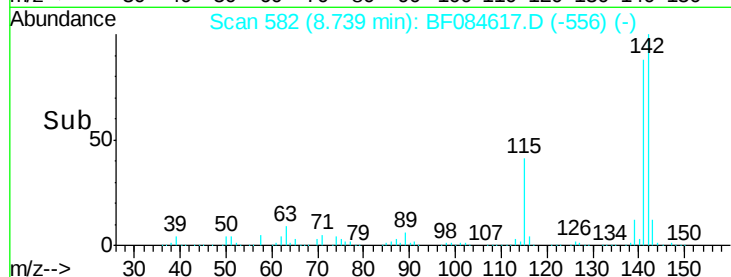
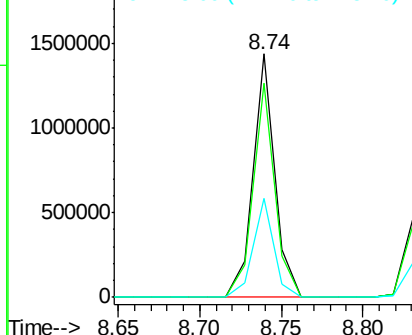
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.4	108.6
115	40.7	27.9	41.9

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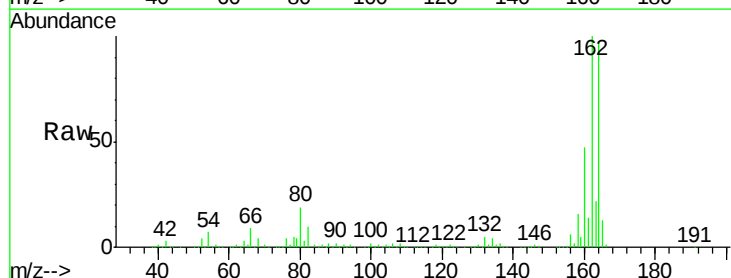


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

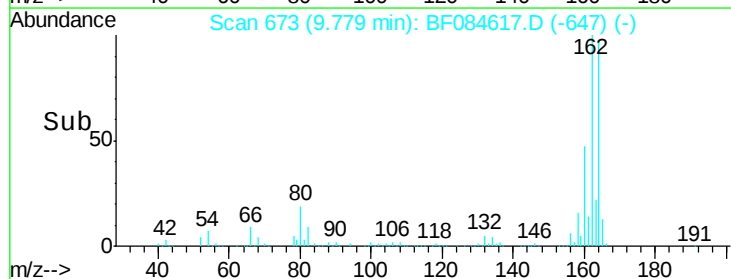
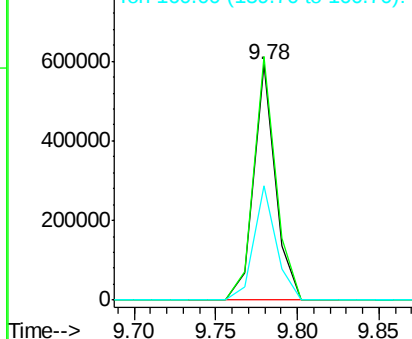


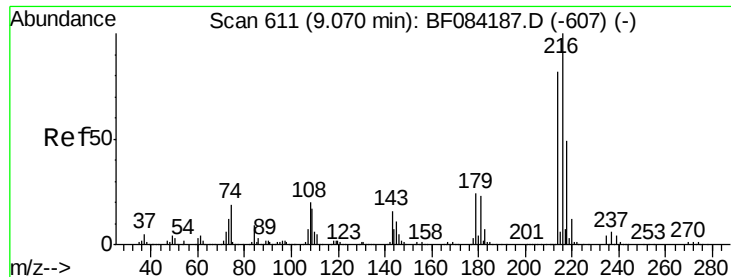
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	48.5	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.99 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

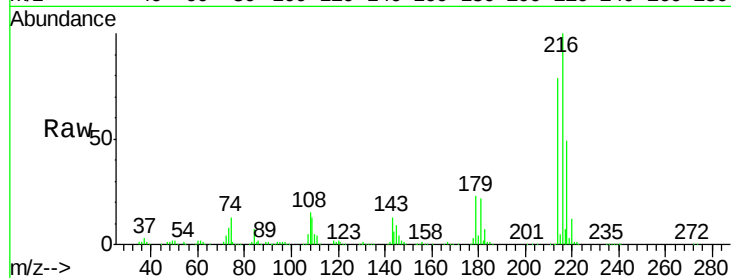
ClientSampleId :

SSTDCCC040

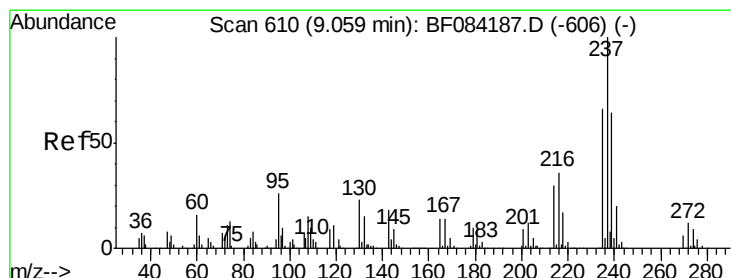
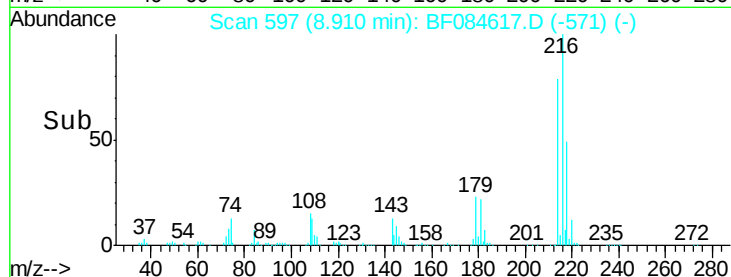
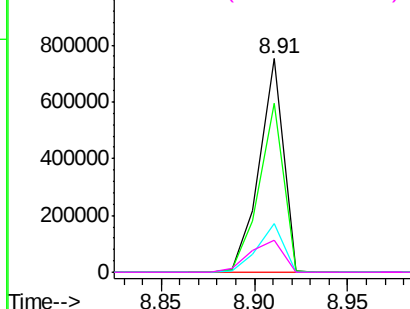
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	676381		
214	79.8	64.2	96.2	
179	24.0	18.7	28.1	
108	20.4	16.8	25.2	

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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: 37.66 ng

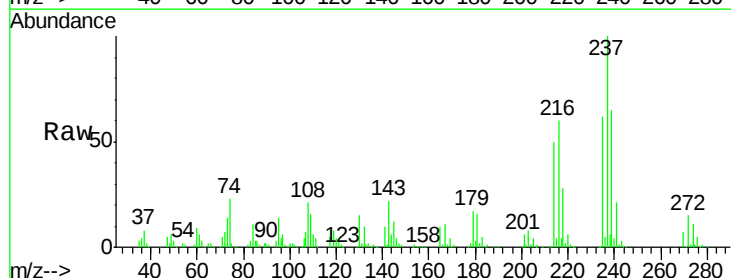
RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

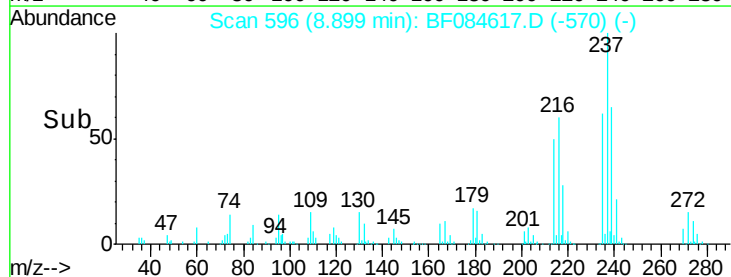
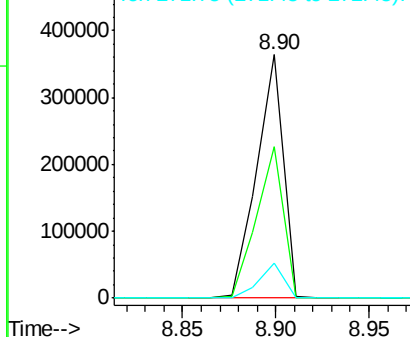
Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	357690		
235	62.3	43.1	83.1	
272	14.5	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





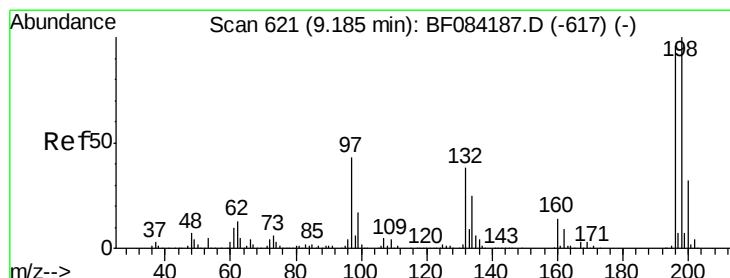
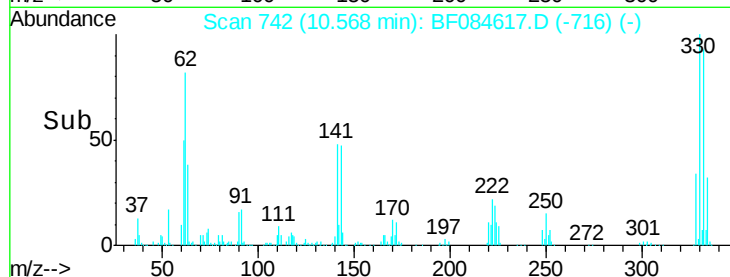
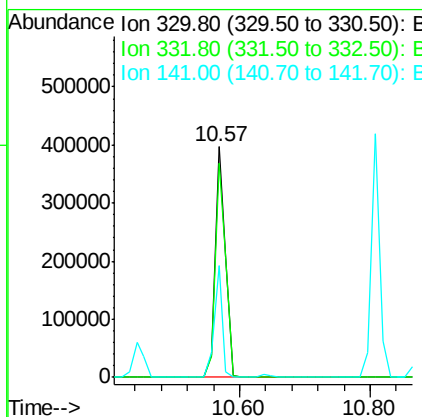
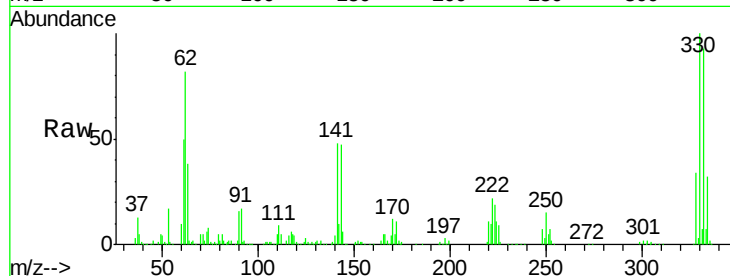
#41
 2,4,6-Tribromophenol
 Concen: 81.17 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	448539		
332	95.6	76.6	114.8	
141	37.8	27.8	41.6	

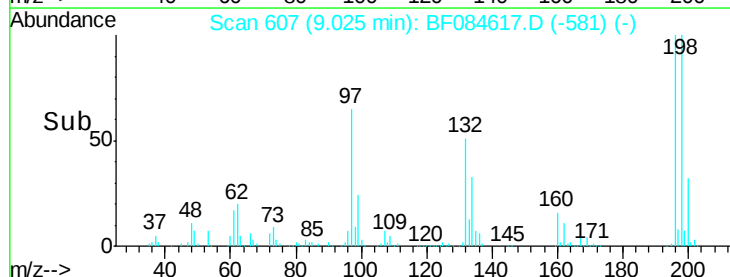
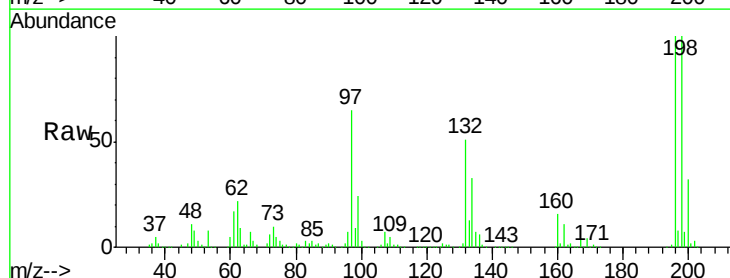
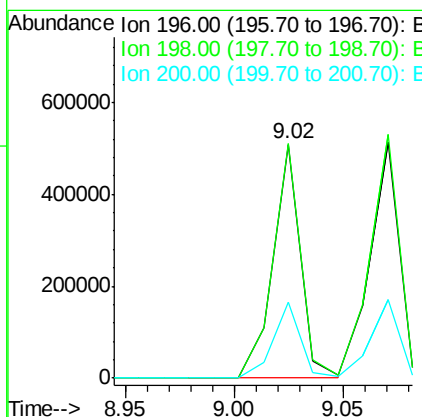
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#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

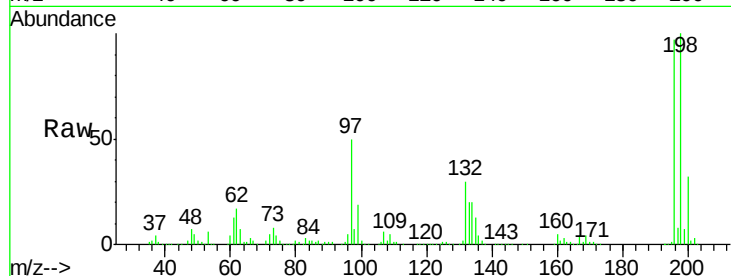
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	455022		
198	100.4	77.7	116.5	
200	32.3	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

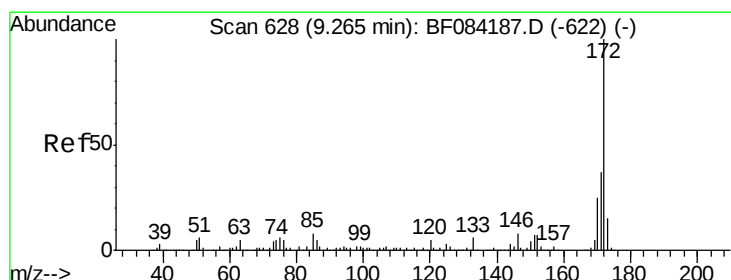
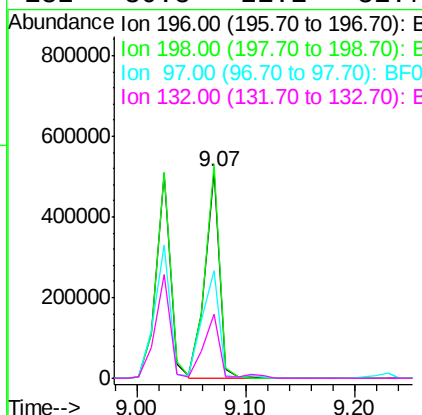
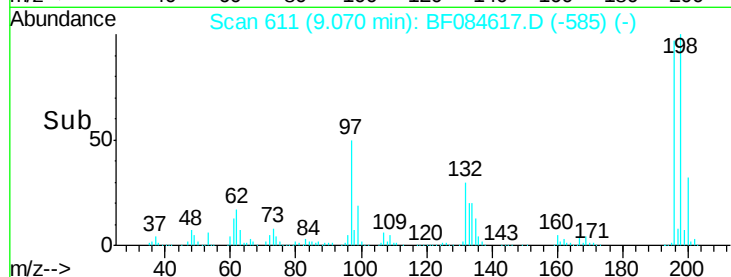
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	481156		
198	103.2	79.0	118.6	
97	52.0	33.0	49.6	
132	30.8	21.1	31.7	

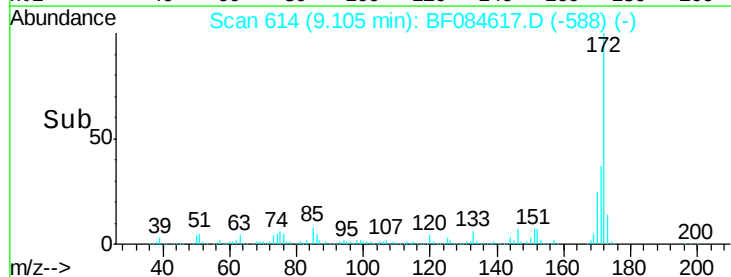
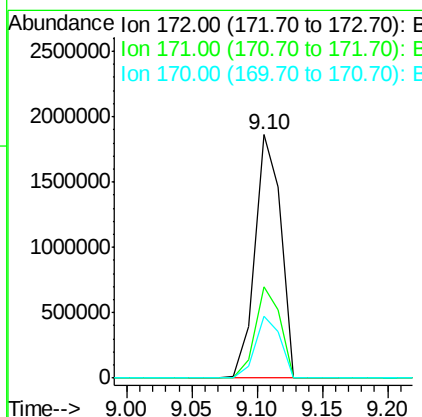
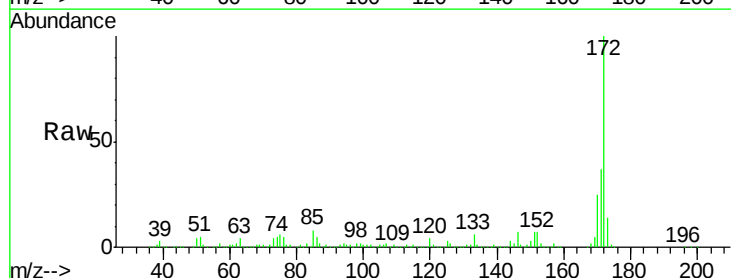
Manual Integrations
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mohammad
 1/28/2016 2:21:40 PM



#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2559956		
171	37.4	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 38.52 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1675436

Ion Ratio Lower Upper

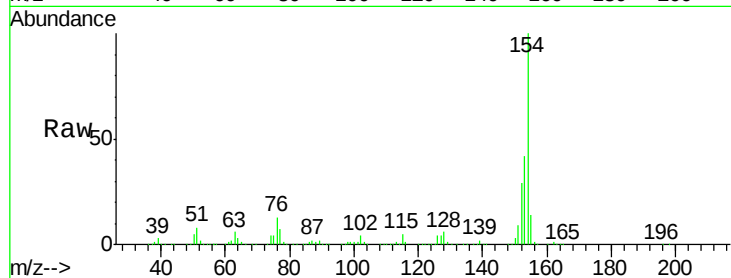
154 100

153 42.5 21.6 61.6

76 12.5 0.0 32.7

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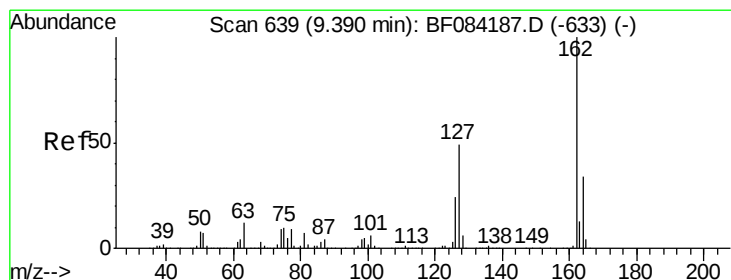
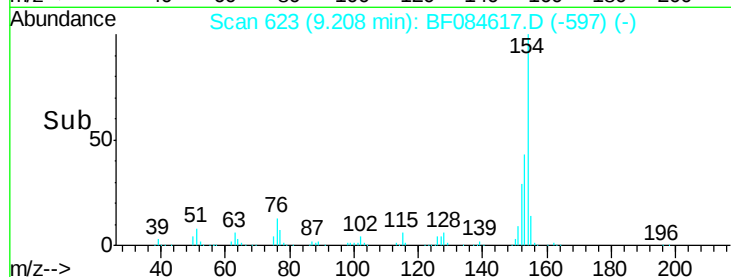
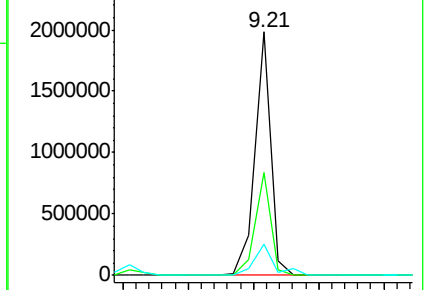
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.46 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

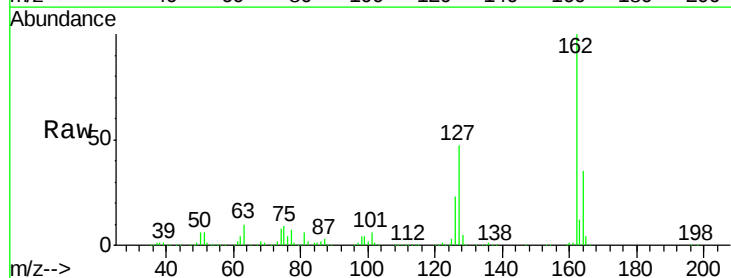
Tgt Ion:162 Resp: 1314297

Ion Ratio Lower Upper

162 100

127 46.7 40.2 60.4

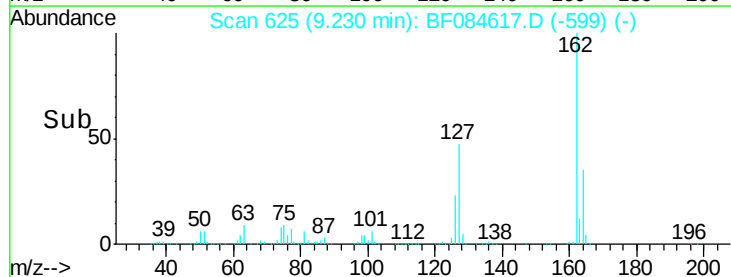
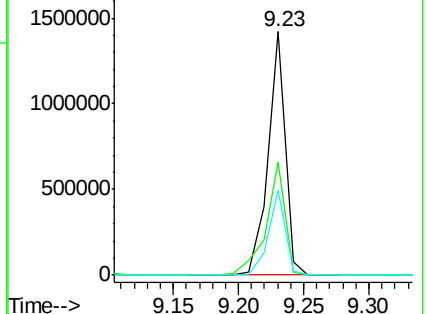
164 34.8 25.7 38.5

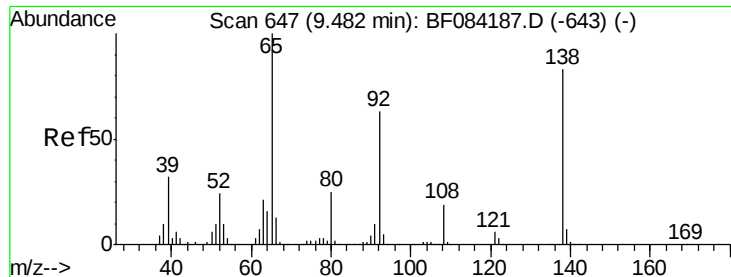


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





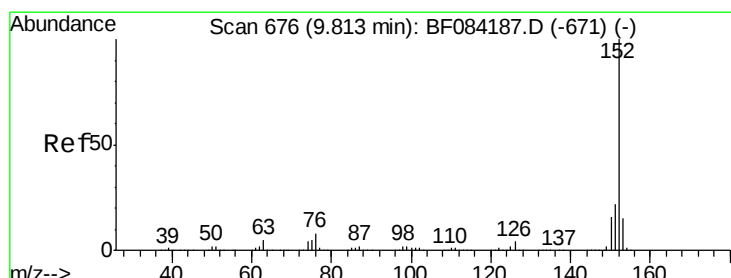
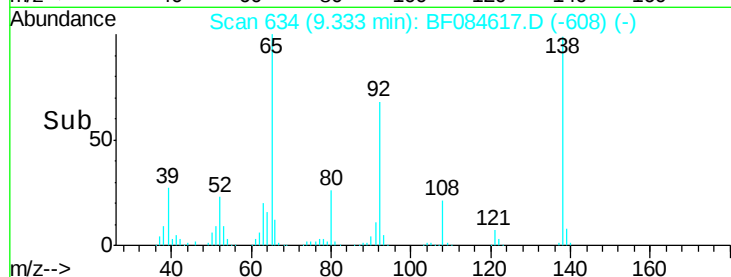
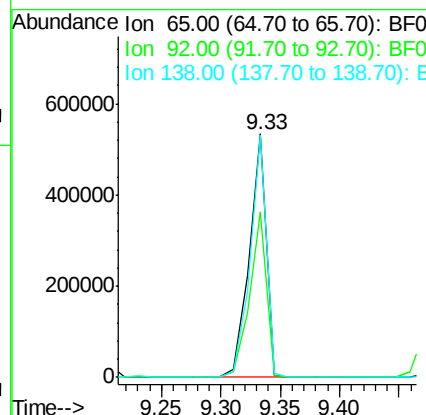
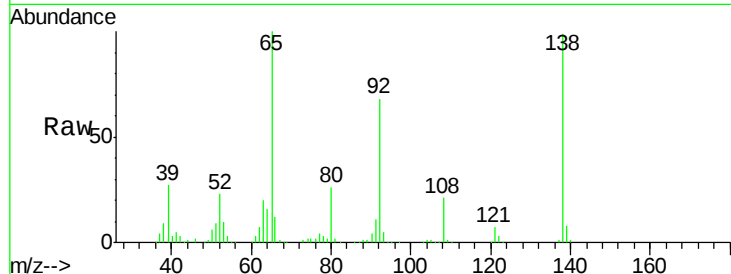
#47
2-Nitroaniline
Concen: 47.64 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.4	80.2
138	99.4	71.1	106.7

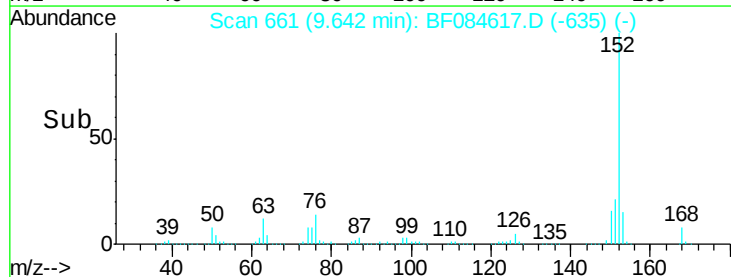
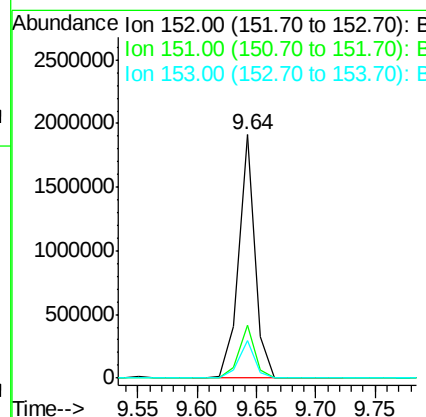
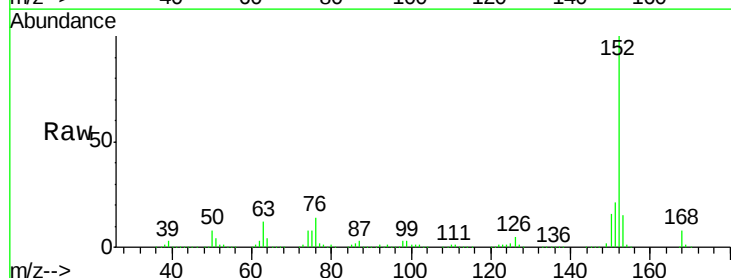
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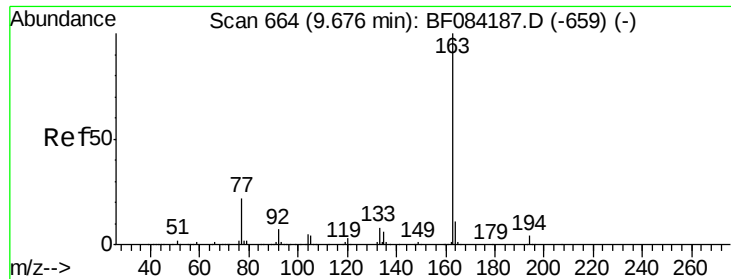
mohammad
1/28/2016 2:21:40 PM



#48
Acenaphthylene
Concen: 36.17 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.4	10.4	15.6





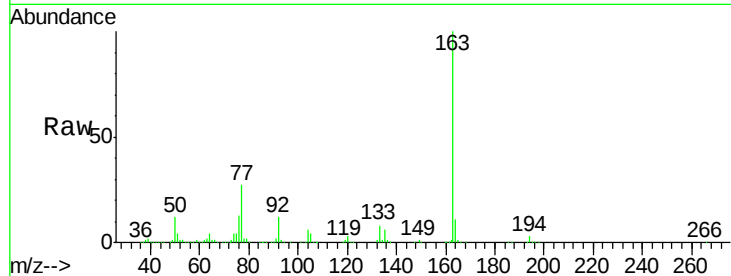
#49
Dimethylphthalate
Concen: 41.98 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

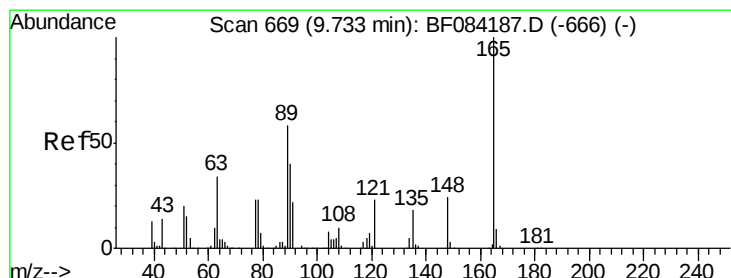
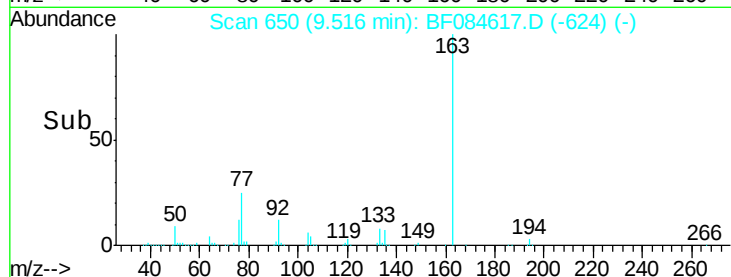
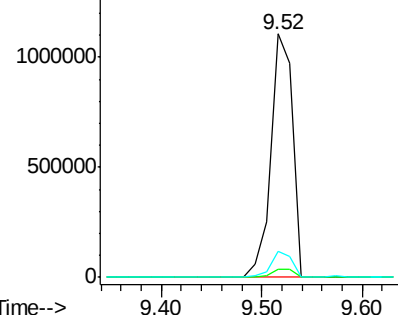
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.7	8.0	12.0

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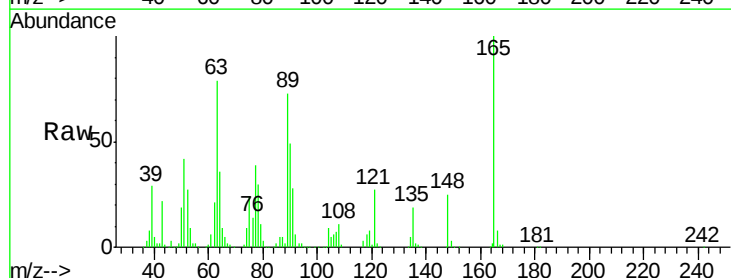


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

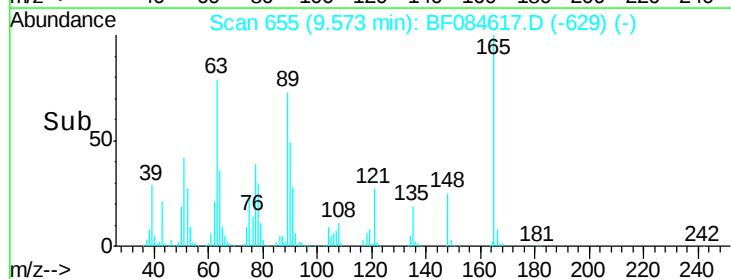
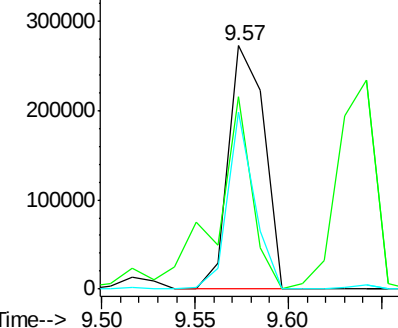


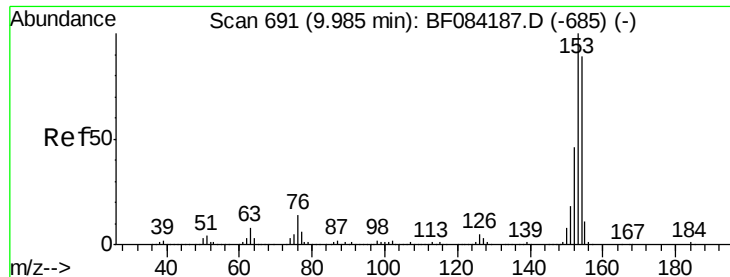
#50
2,6-Dinitrotoluene
Concen: 42.04 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.9	28.8	43.2#
89	72.7	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.40 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1300185

Ion Ratio Lower Upper

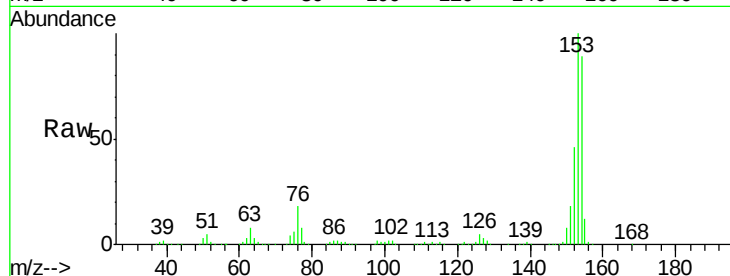
154 100

153 111.8 91.5 137.3

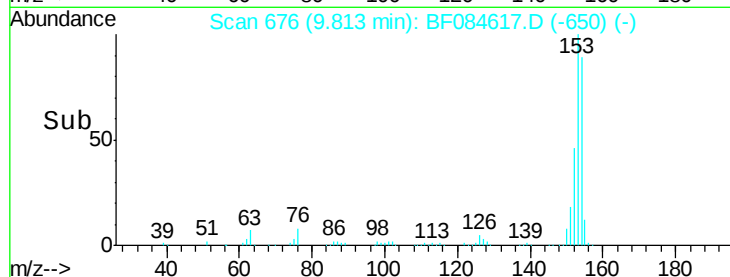
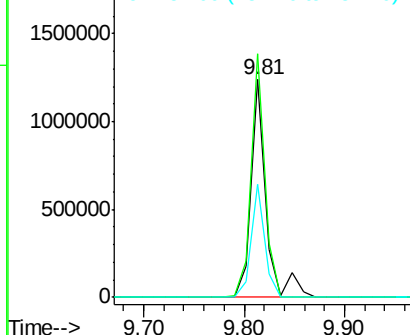
152 51.8 43.0 64.6

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



#52

3-Nitroaniline

Concen: 36.70 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

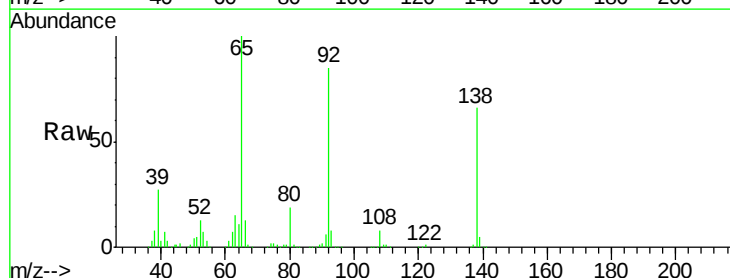
Tgt Ion:138 Resp: 390221

Ion Ratio Lower Upper

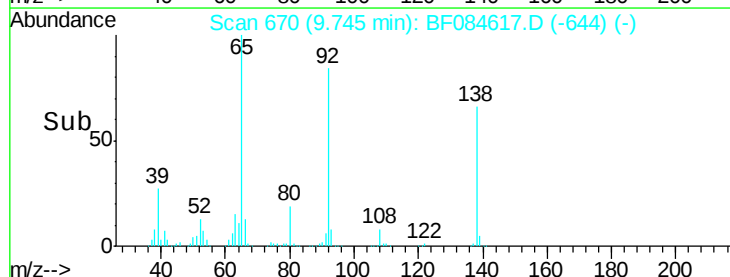
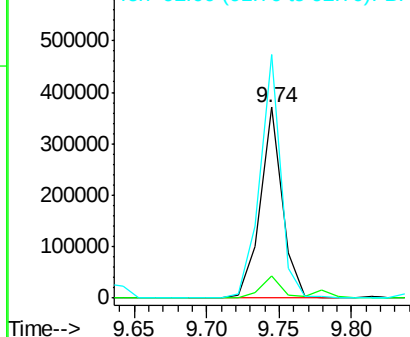
138 100

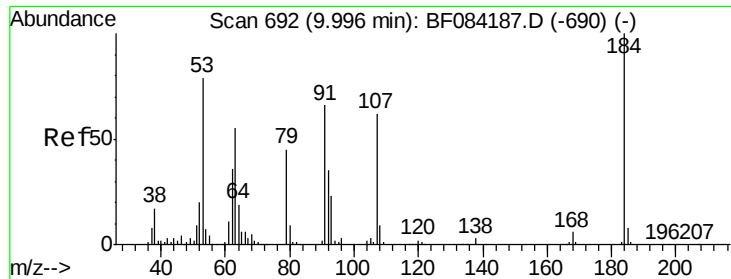
108 11.5 10.5 15.7

92 127.8 103.9 155.9



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





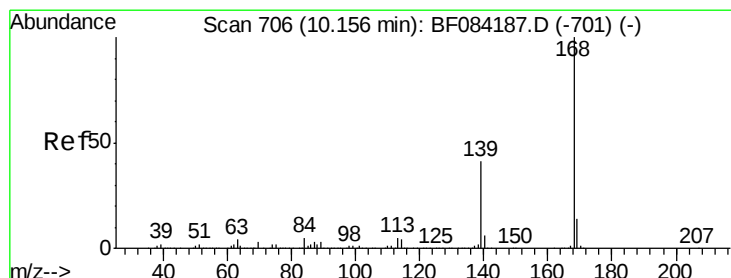
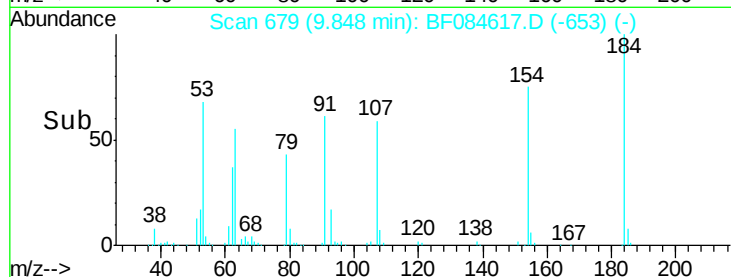
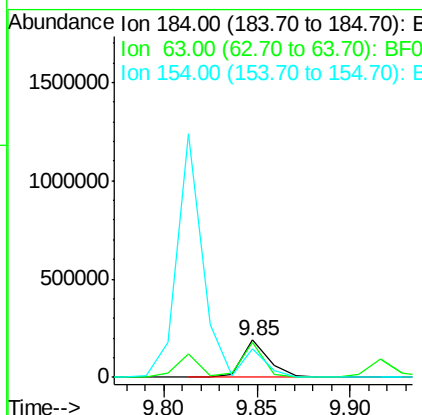
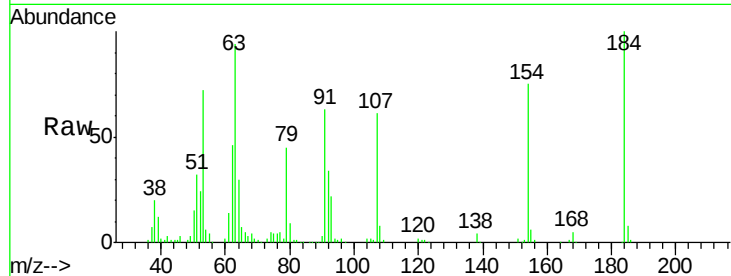
#53
2,4-Dinitrophenol
Concen: 53.16 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	189793		
63	94.0	43.1	64.7#	
154	75.0	60.5	90.7	

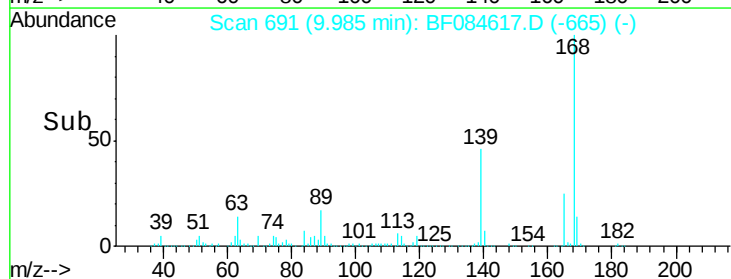
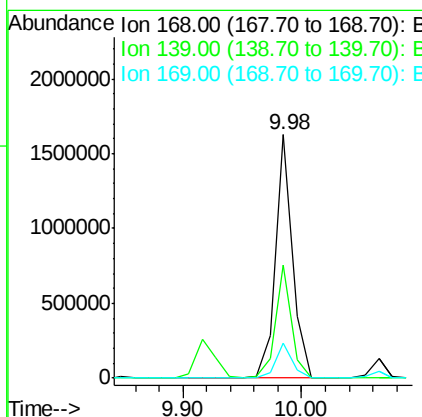
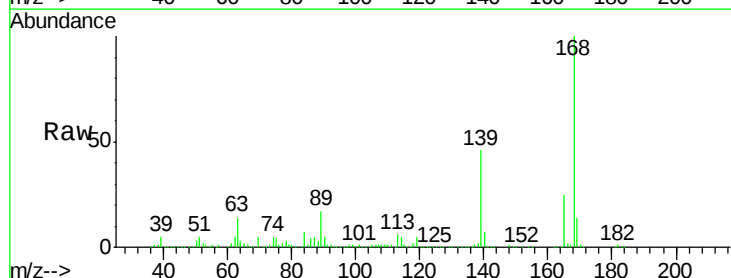
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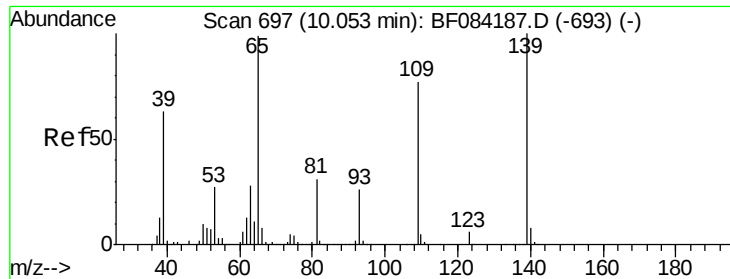
mohammad
1/28/2016 2:21:40 PM



#54
Dibenzofuran
Concen: 36.04 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1606496		
139	46.2	30.5	45.7#	
169	14.3	10.4	15.6	





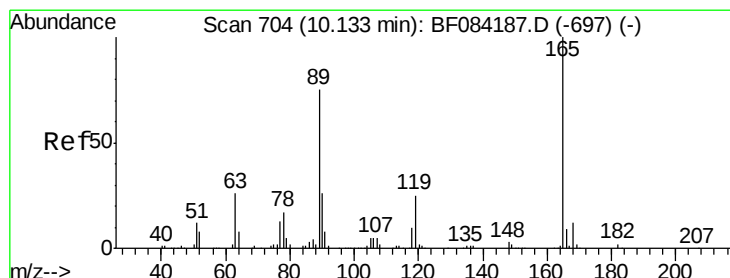
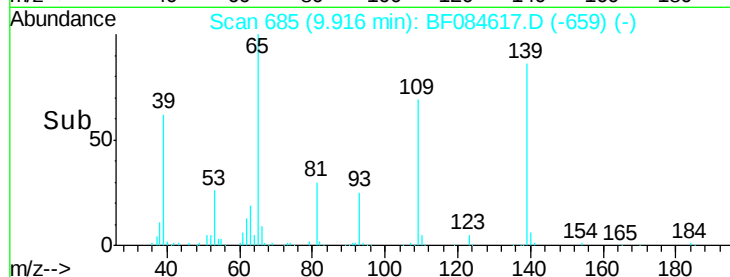
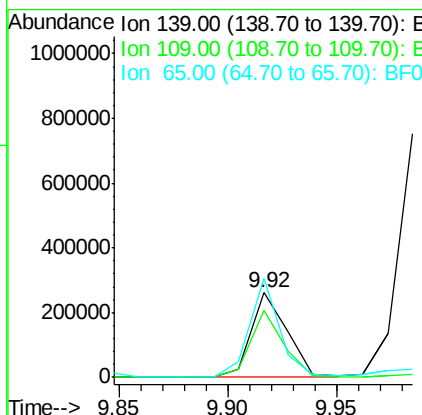
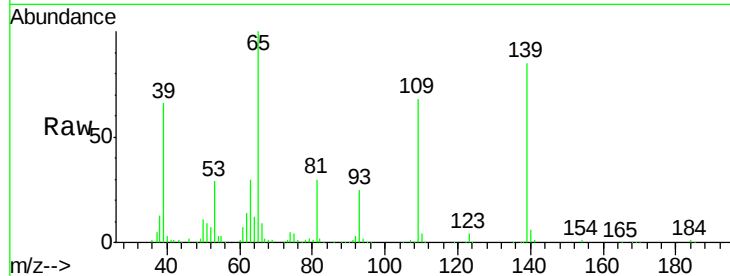
#55
4-Nitrophenol
Concen: 39.17 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	302378		
109	80.1	58.5	98.5	
65	117.2	57.6	97.6	

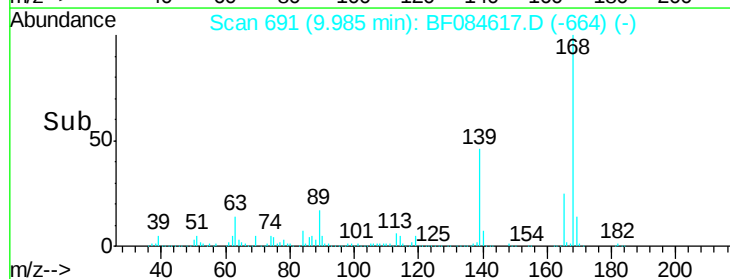
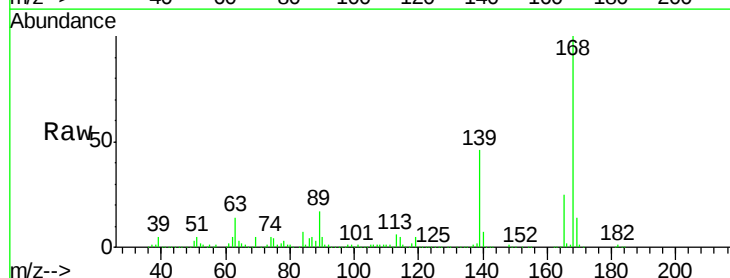
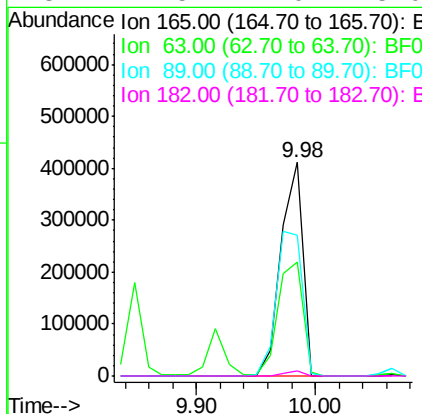
Manual Integrations
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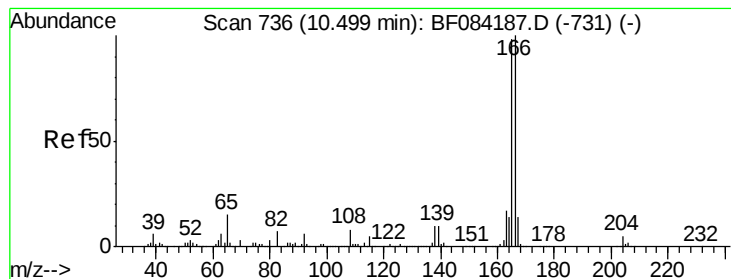
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.68 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	517833		
63	53.6	36.7	55.1	
89	66.0	61.9	92.9	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 39.01 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1333777

Ion Ratio Lower Upper

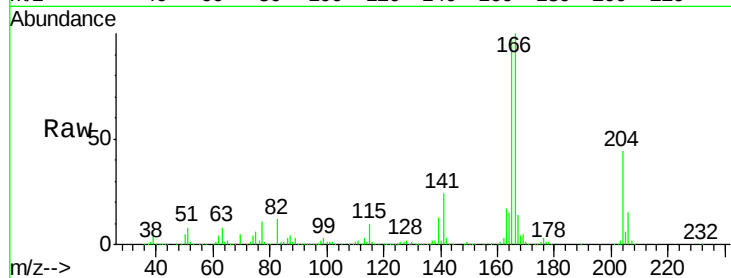
166 100

165 97.2 79.1 118.7

167 14.1 10.4 15.6

Manual Integrations
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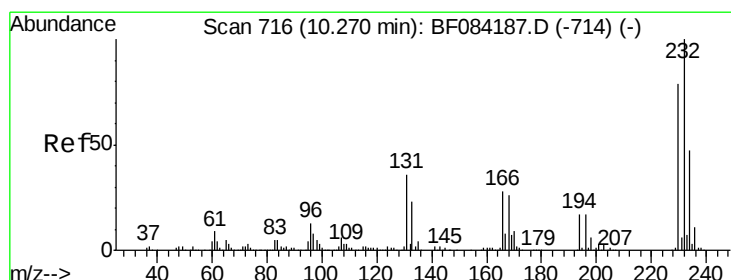
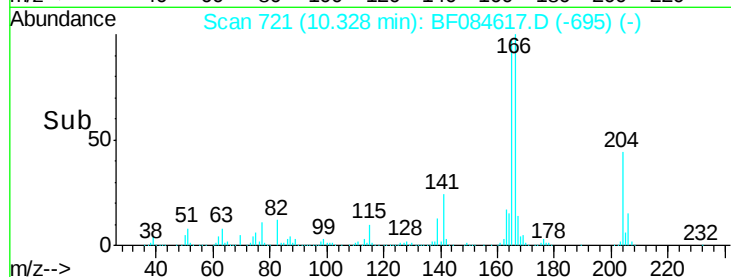
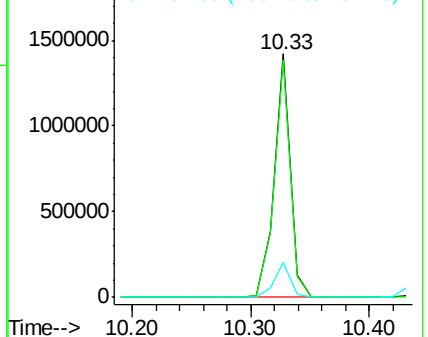
mohammad
1/28/2016 2:21:40 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.86 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:232 Resp: 422578

Ion Ratio Lower Upper

232 100

131 52.2 47.0 70.6

130 2.5 2.0 3.0

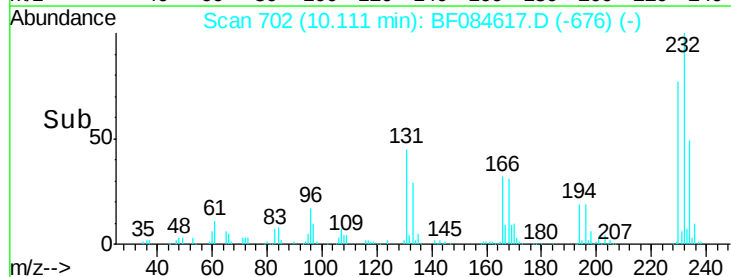
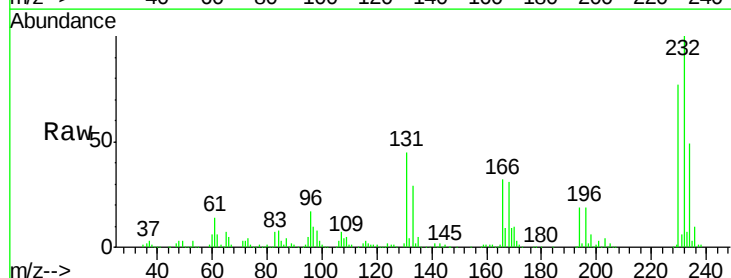
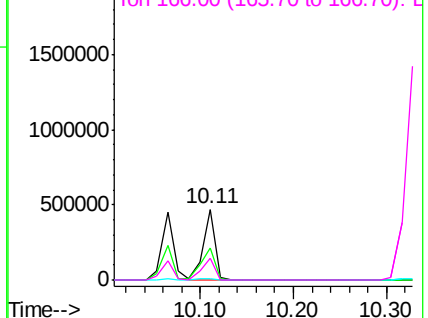
166 33.8 30.5 45.7

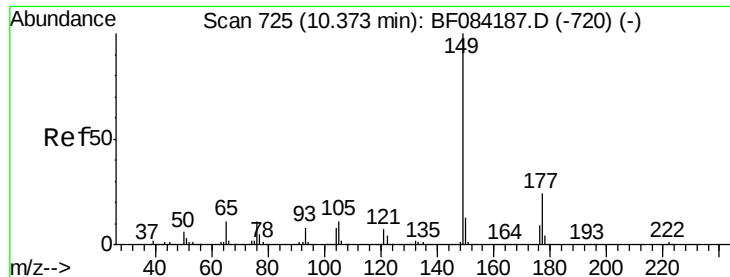
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





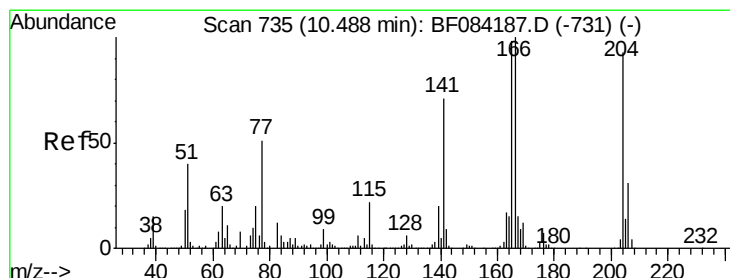
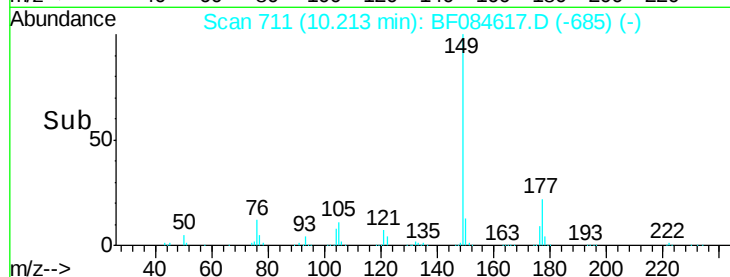
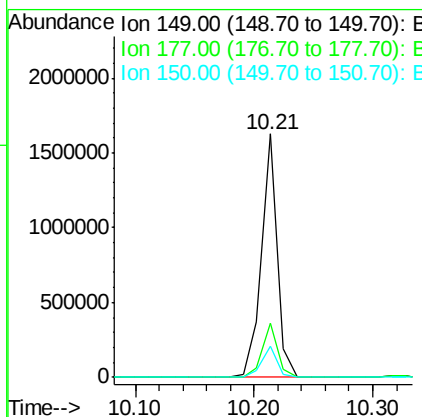
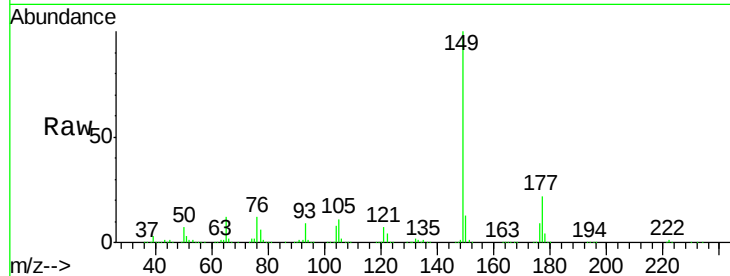
#59
Diethylphthalate
Concen: 39.30 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1516107
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 13.0 9.8 14.8

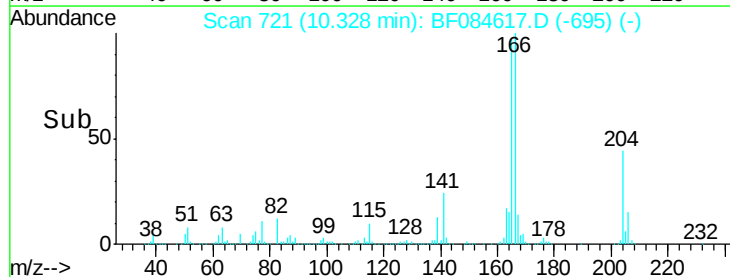
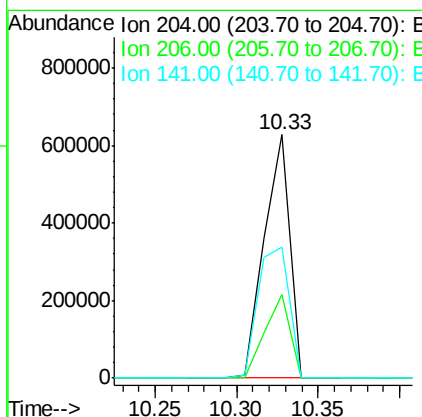
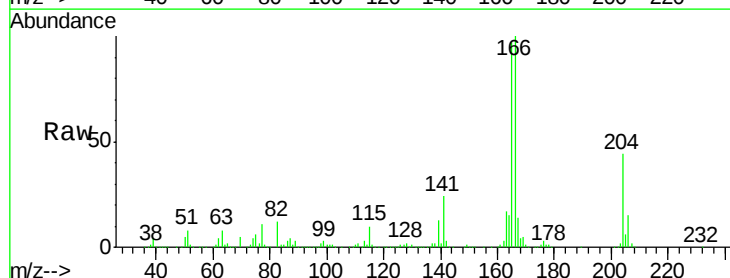
Manual Integrations
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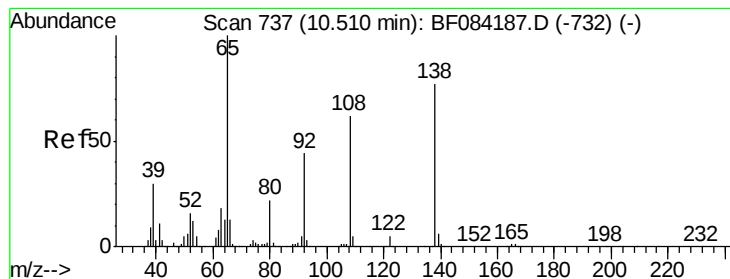
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 48.54 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion:204 Resp: 685634
Ion Ratio Lower Upper
204 100
206 34.3 25.7 38.5
141 53.9 55.1 82.7#





#61

4-Nitroaniline

Concen: 46.46 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

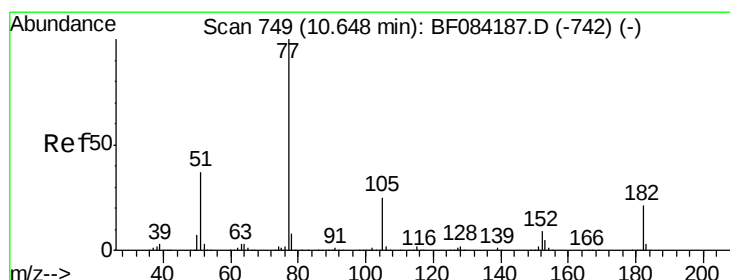
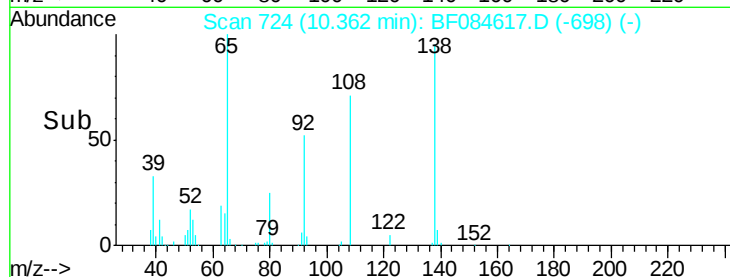
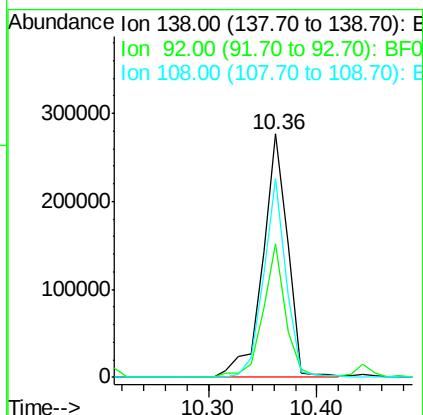
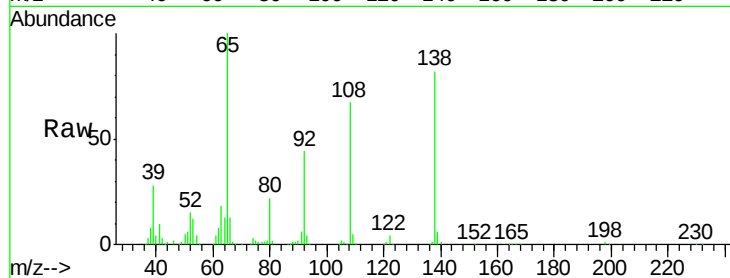
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	440391
Ion Ratio	Lower	Upper	
138	100		
92	54.6	32.6	72.6
108	81.8	68.6	108.6

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#62

Azobenzene

Concen: 40.91 ng

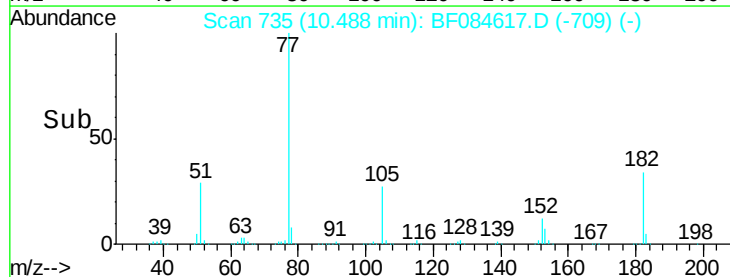
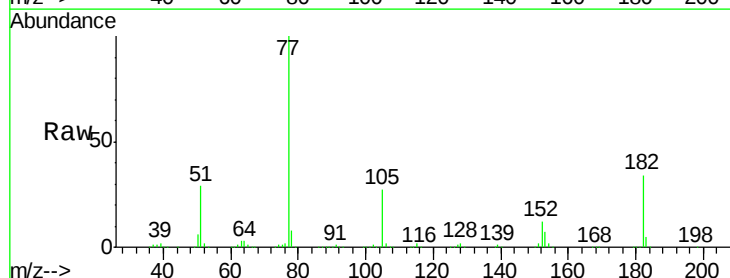
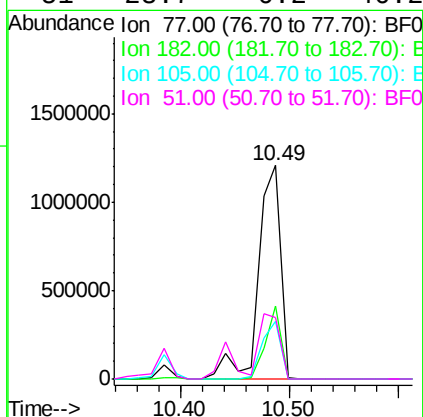
RT: 10.49 min Scan# 735

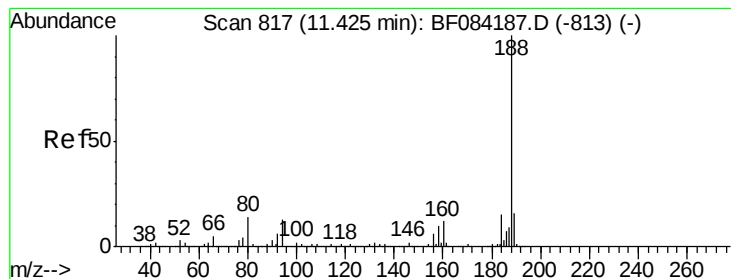
Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	77	Resp:	1730966
Ion Ratio	Lower	Upper	
77	100		
182	34.4	8.3	48.3
105	27.0	4.6	44.6
51	28.7	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:188 Resp: 1118756

Ion Ratio Lower Upper

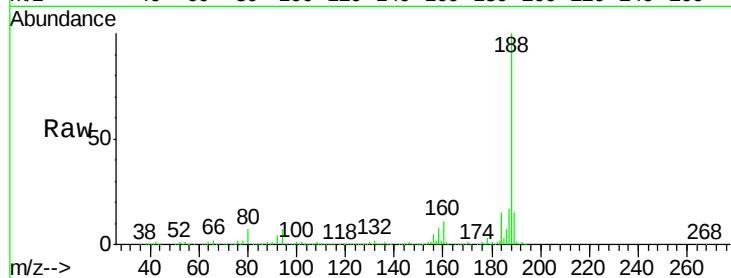
188 100

94 6.8 9.0 13.4#

80 6.6 9.6 14.4#

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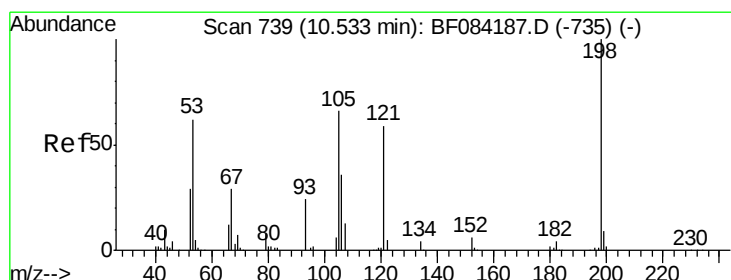
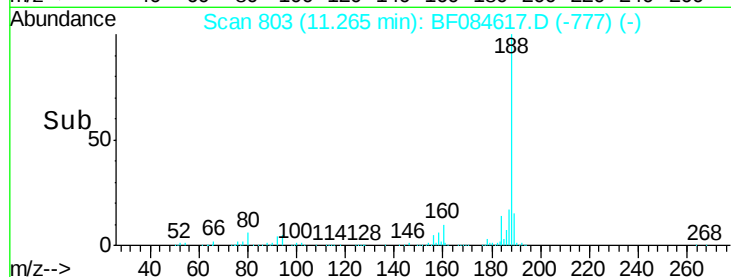
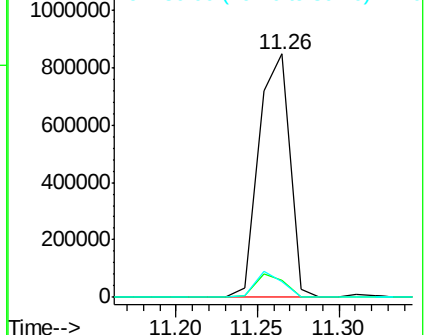
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.35 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

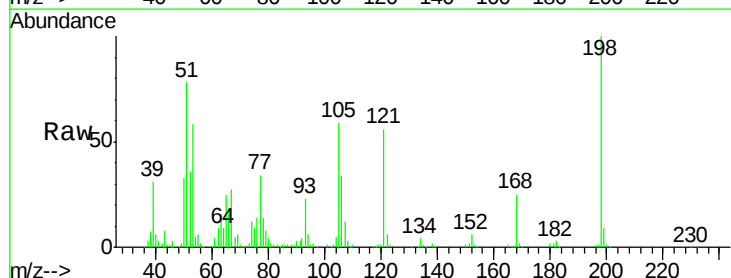
Tgt Ion:198 Resp: 268950

Ion Ratio Lower Upper

198 100

51 77.5 18.9 58.9#

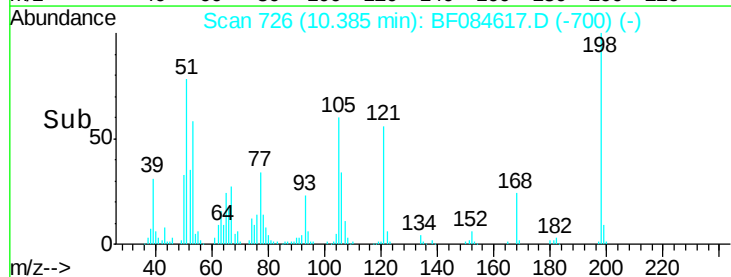
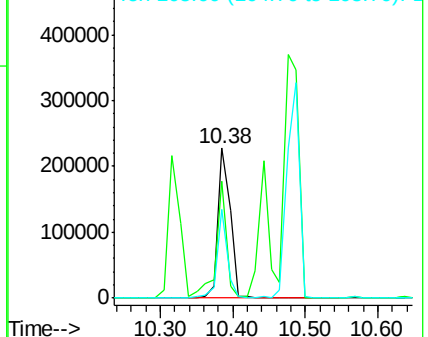
105 59.4 26.4 66.4

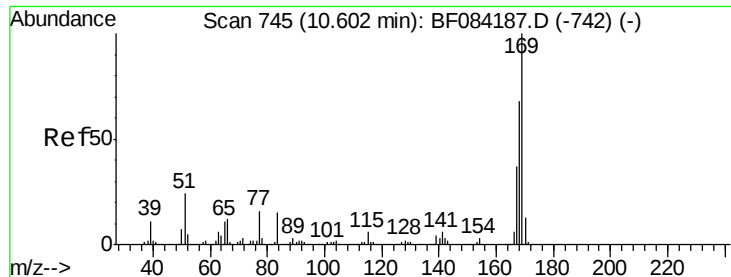


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.80 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1280603

Ion Ratio Lower Upper

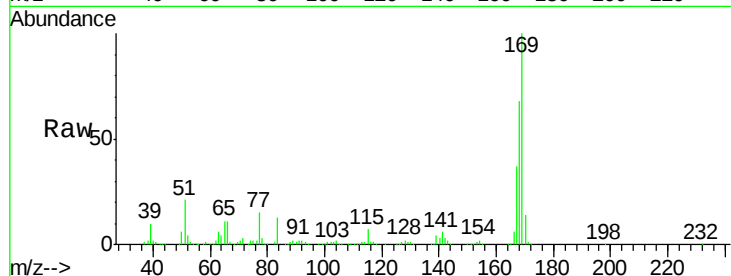
169 100

168 67.7 55.1 82.7

167 37.3 30.0 45.0

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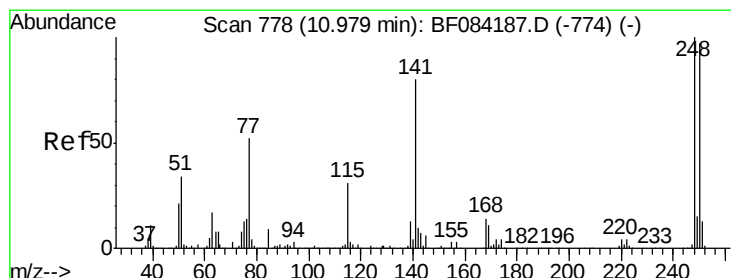
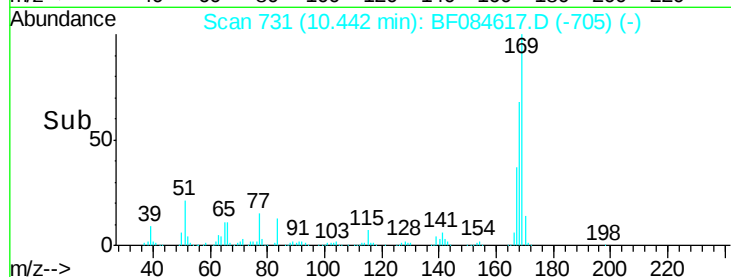
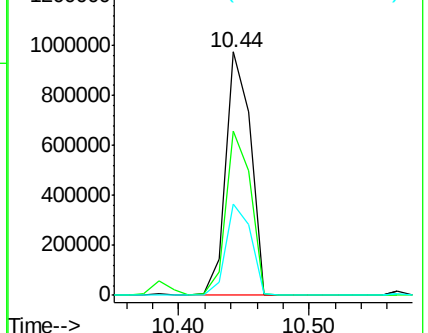
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.69 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

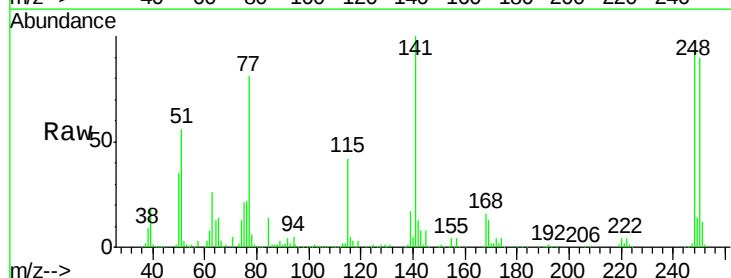
Tgt Ion:248 Resp: 429791

Ion Ratio Lower Upper

248 100

250 96.5 78.4 117.6

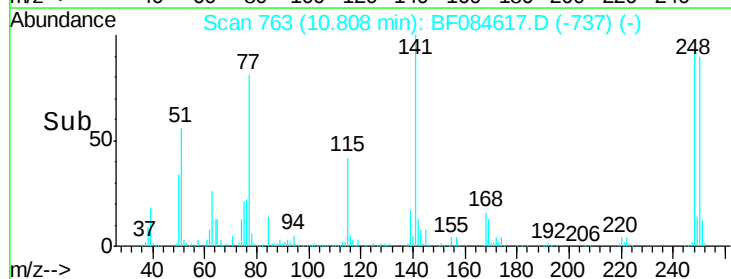
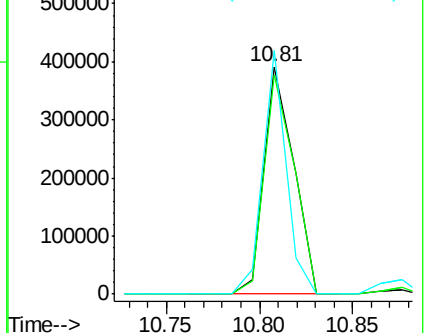
141 107.0 44.0 66.0#

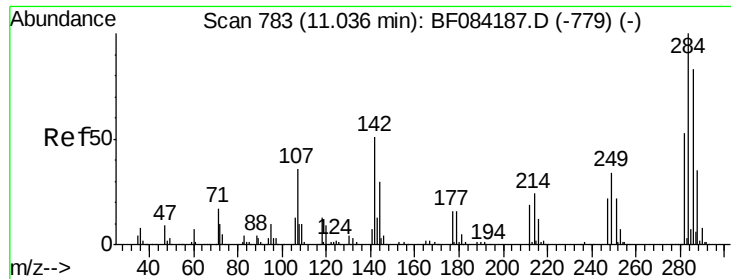


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





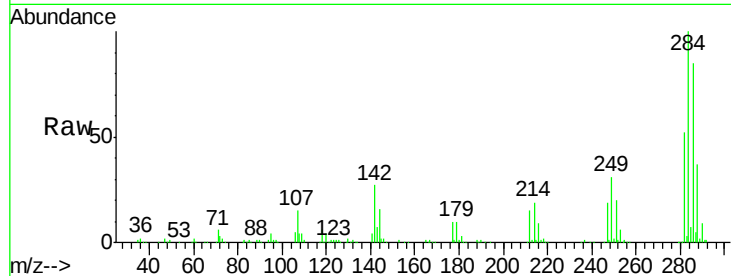
#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

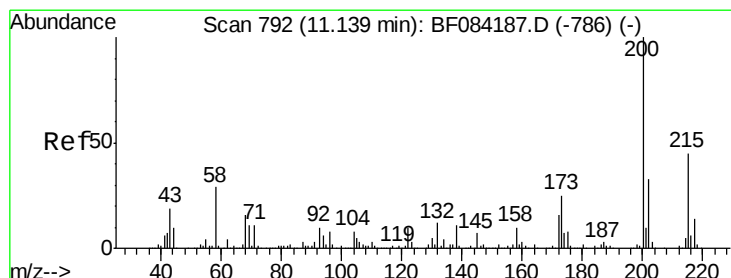
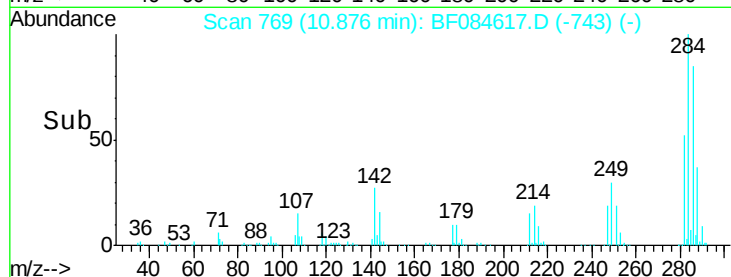
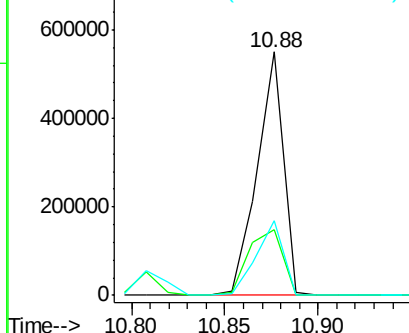
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	534743		
142	27.2	22.2	33.4	
249	30.6	24.6	37.0	

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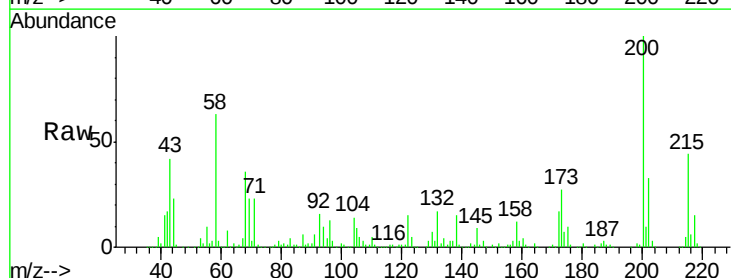


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

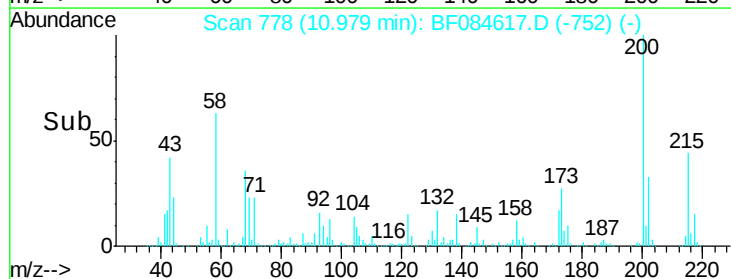
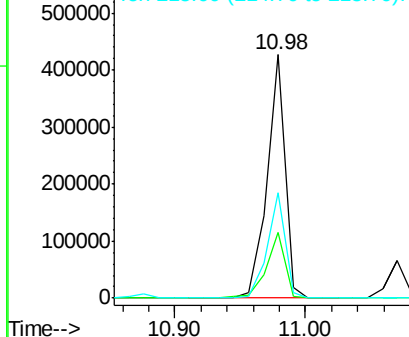


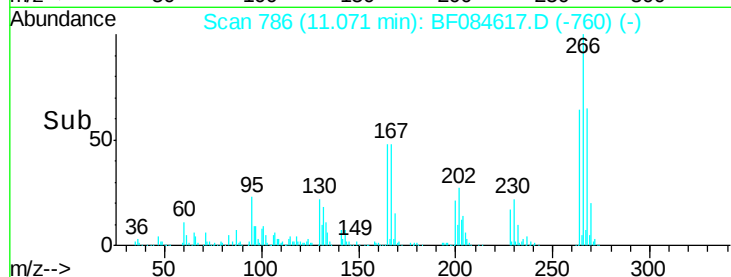
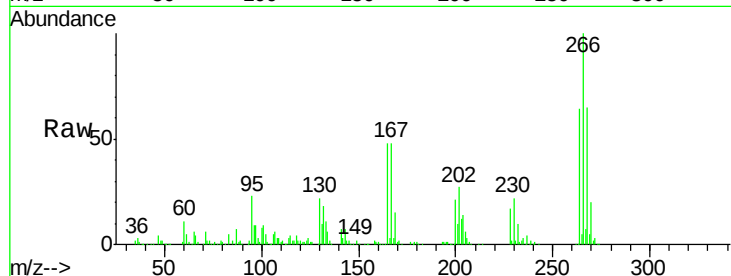
#68
Atrazine
Concen: 35.27 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	412810		
173	26.9	9.5	49.5	
215	43.5	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: 40.55 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	266	Resp:	284979
Ion Ratio	Lower	Upper	
266	100		
268	64.5	52.4	78.6
264	64.1	50.2	75.2

Instrument :

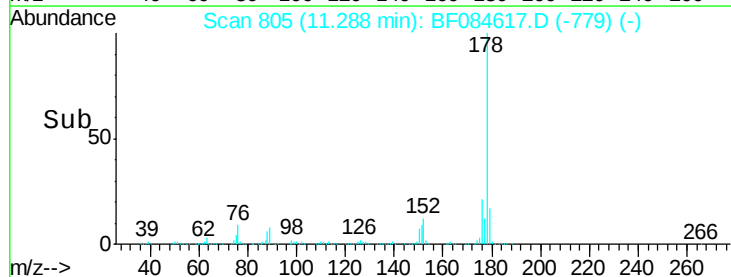
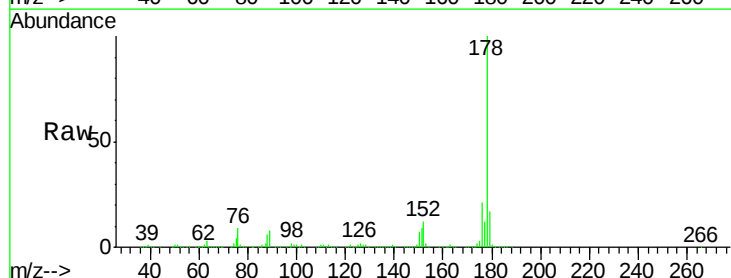
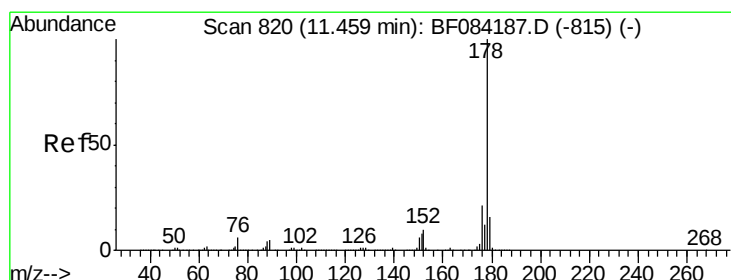
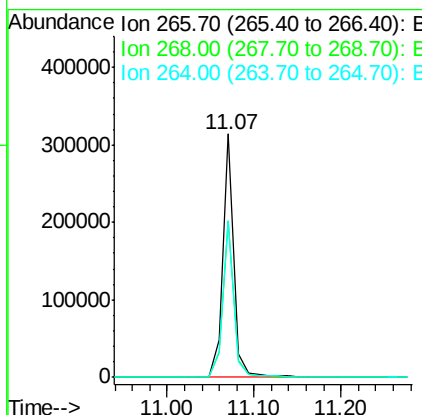
BNA_F

ClientSampleId :

SSTDCCC040

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#70

Phenanthrene

Concen: 38.97 ng

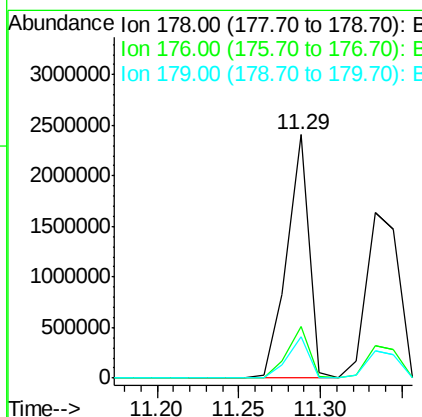
RT: 11.29 min Scan# 805

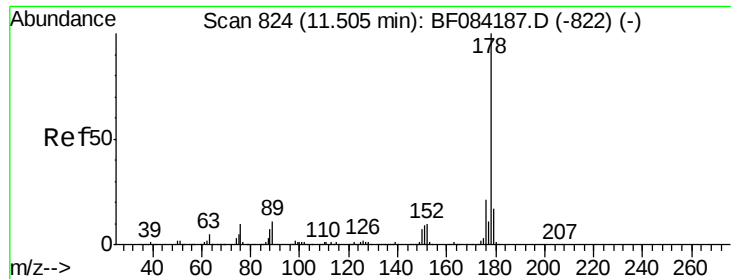
Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	178	Resp:	2280534
Ion Ratio	Lower	Upper	
178	100		
176	21.4	15.3	22.9
179	16.9	12.0	18.0





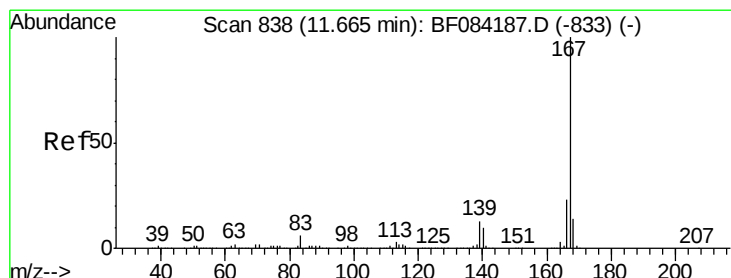
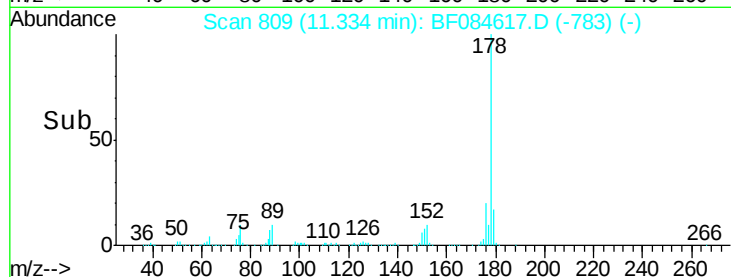
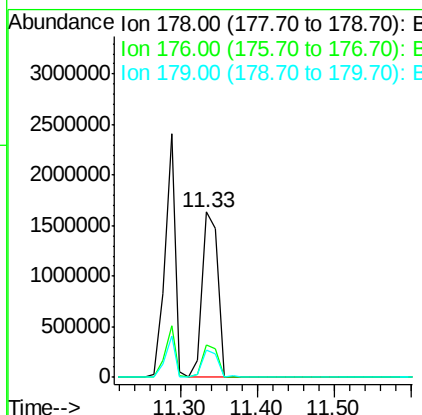
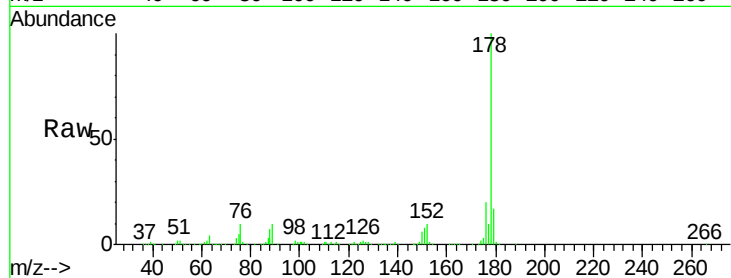
#71
 Anthracene
 Concen: 39.53 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 2267445
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.6 12.5 18.7

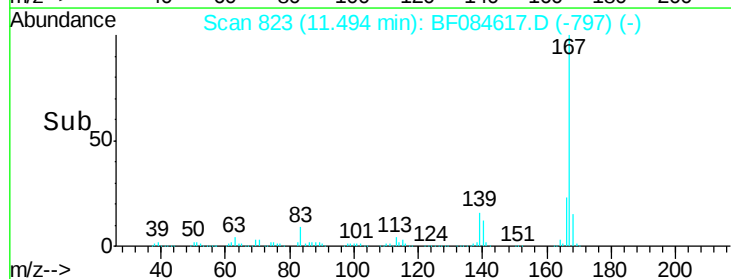
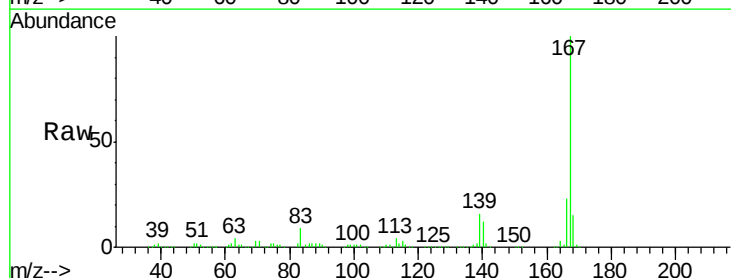
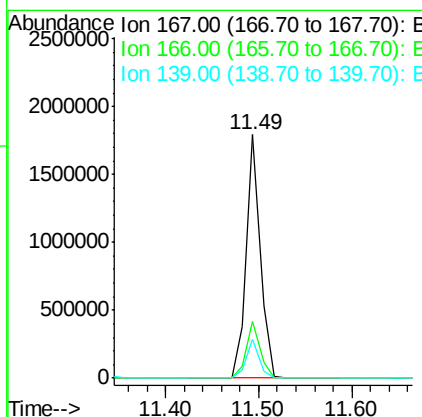
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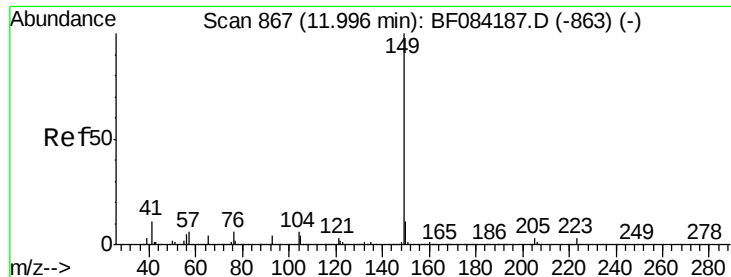
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#72
 Carbazole
 Concen: 33.57 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:167 Resp: 1882637
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 15.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 43.79 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 2628424

Ion Ratio Lower Upper

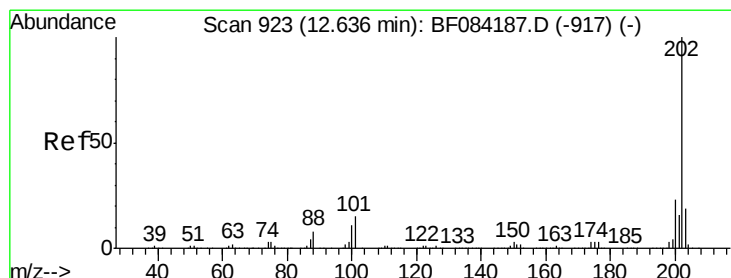
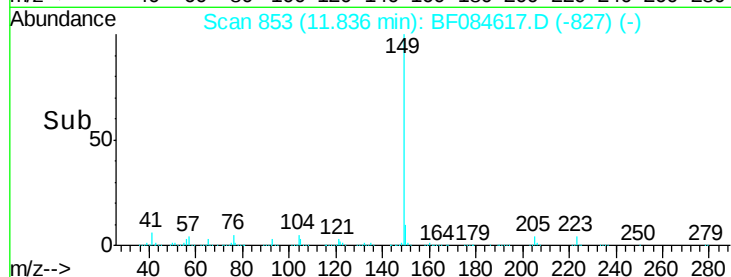
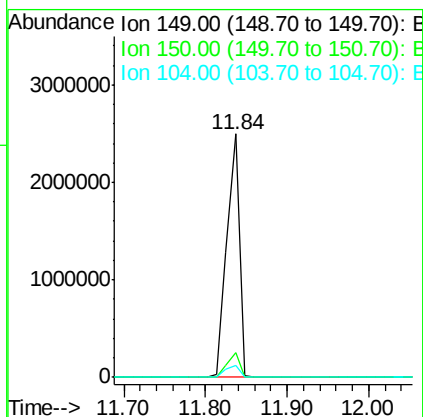
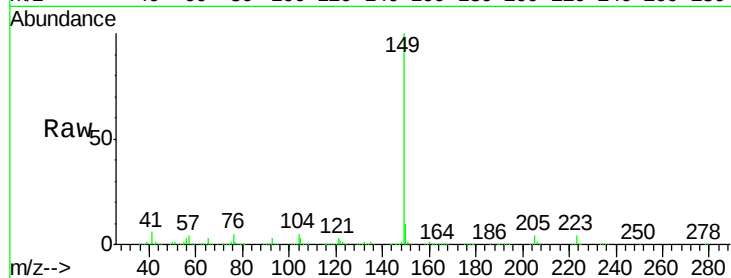
149 100

150 10.2 7.1 10.7

104 5.1 3.2 4.8#

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#74

Fluoranthene

Concen: 38.31 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

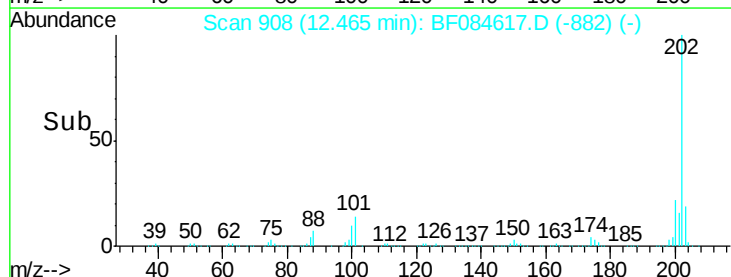
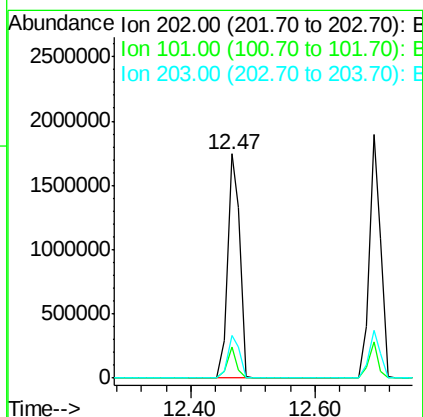
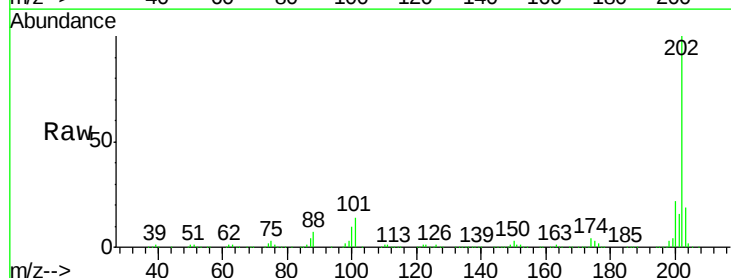
Tgt Ion:202 Resp: 2342133

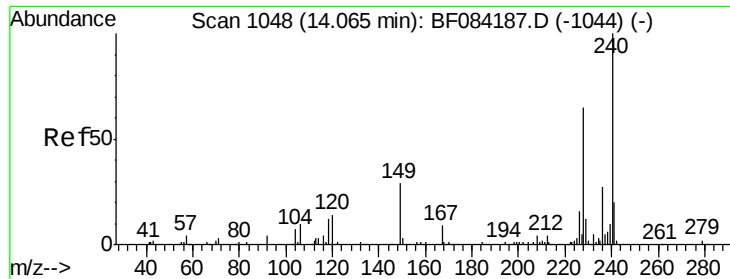
Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

203 19.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

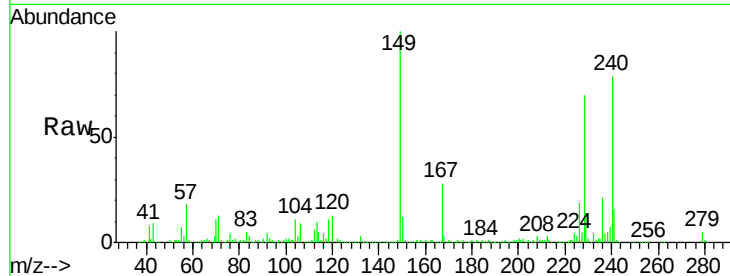
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	26.6	20.6	31.0

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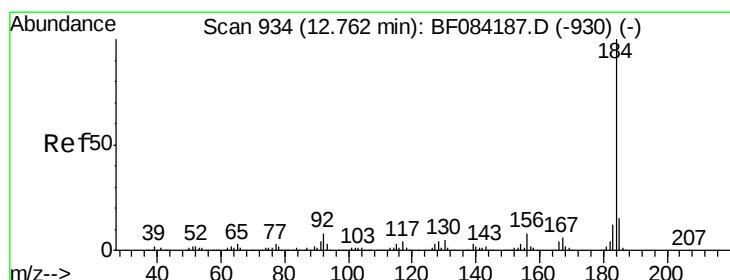
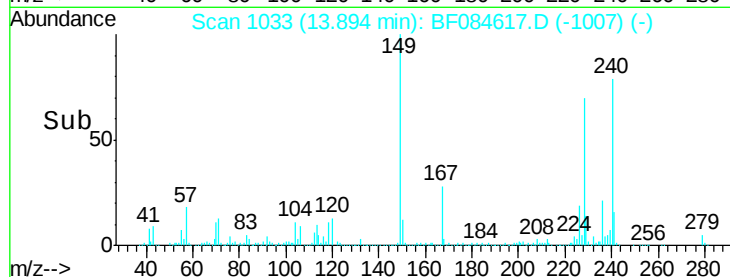
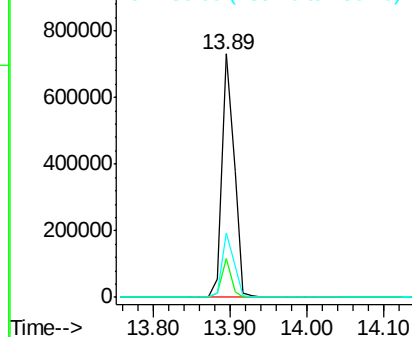
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.16 ng

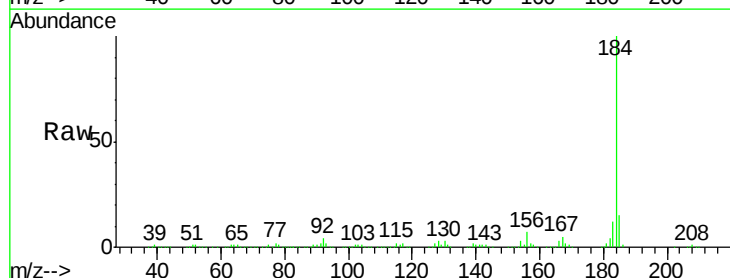
RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

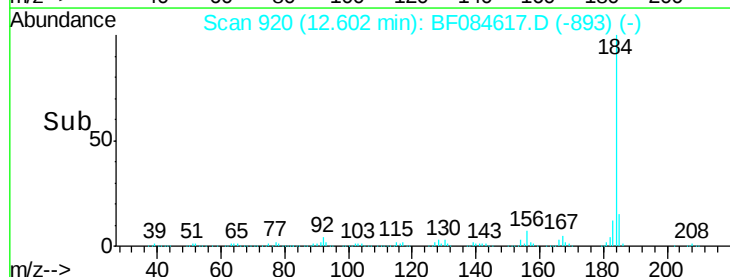
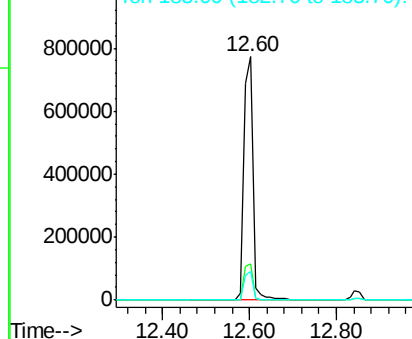
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.5	9.8	14.8

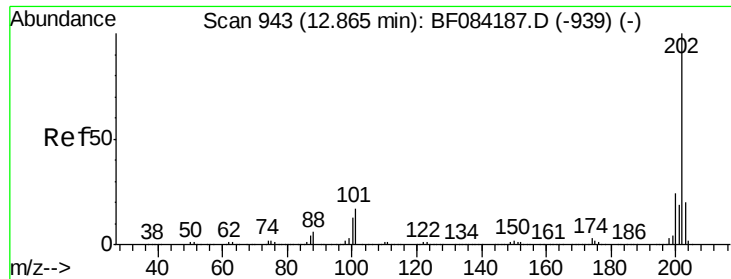


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





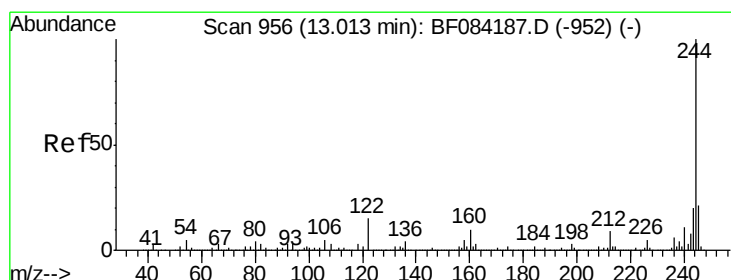
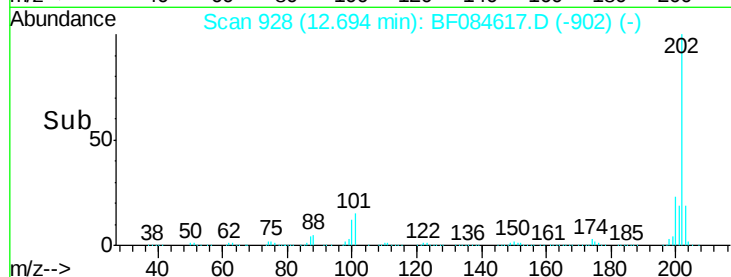
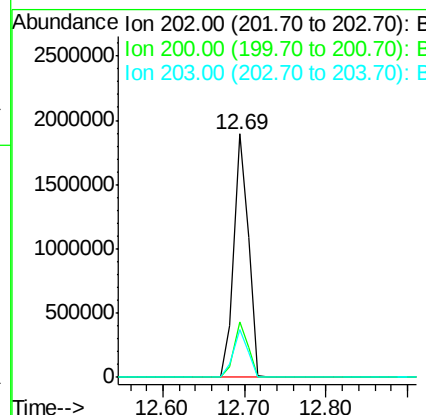
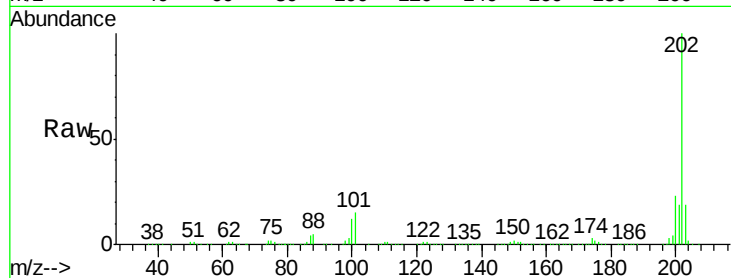
#77
 Pyrene
 Concen: 36.48 ng
 RT: 12.69 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	19.5	14.3	21.5

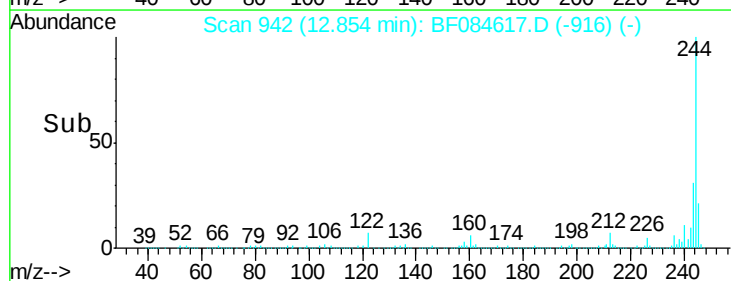
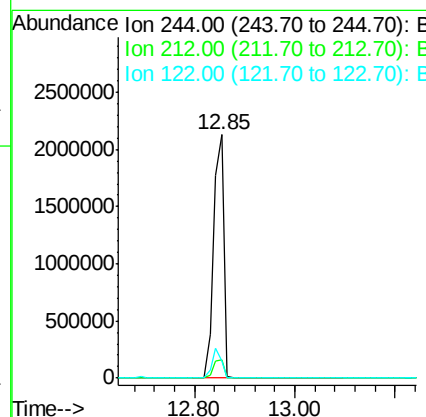
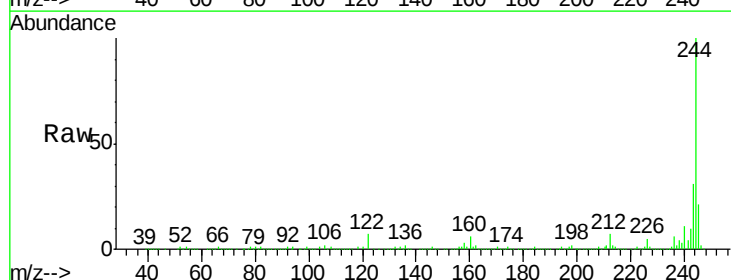
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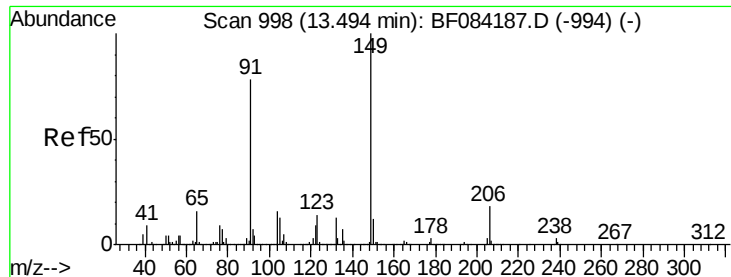
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#78
 Terphenyl-d14
 Concen: 81.18 ng
 RT: 12.85 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	6.8	7.4	11.0





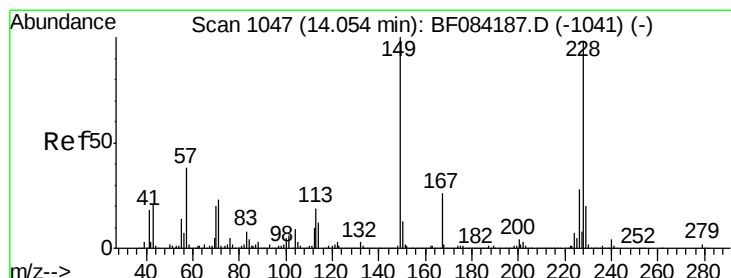
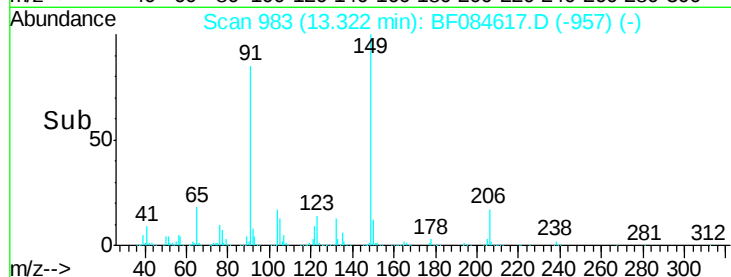
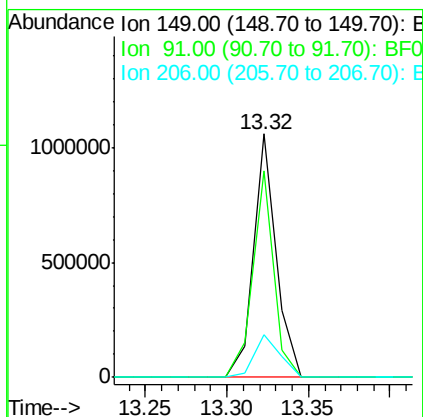
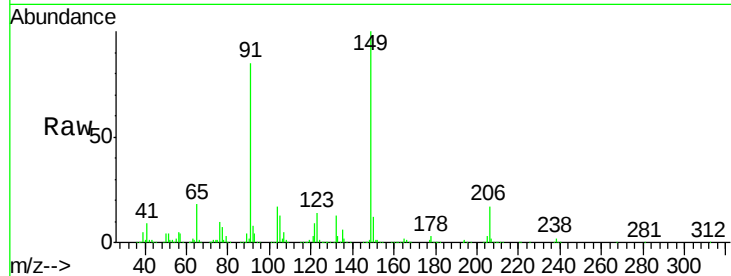
#79
Butylbenzylphthalate
Concen: 36.78 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.0	57.6	86.4
206	17.3	13.2	19.8

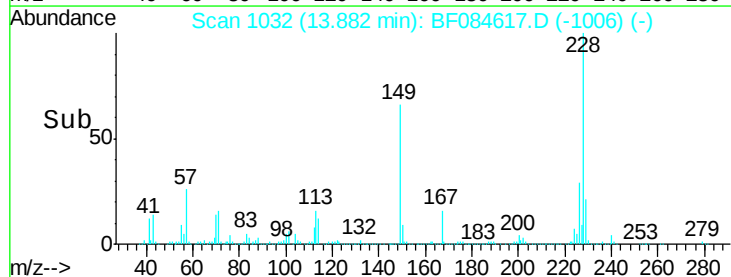
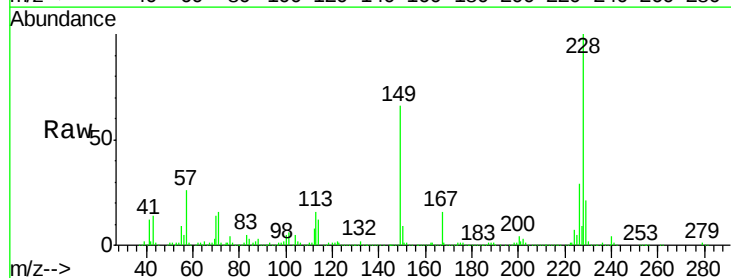
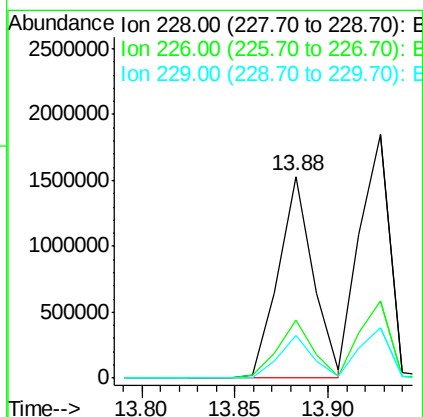
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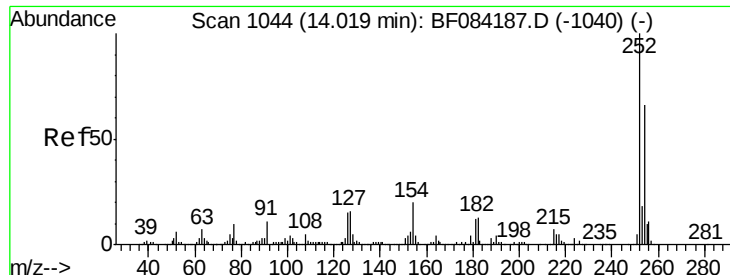
mohammad
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#80
Benzo(a)anthracene
Concen: 41.44 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	20.9	15.8	23.8





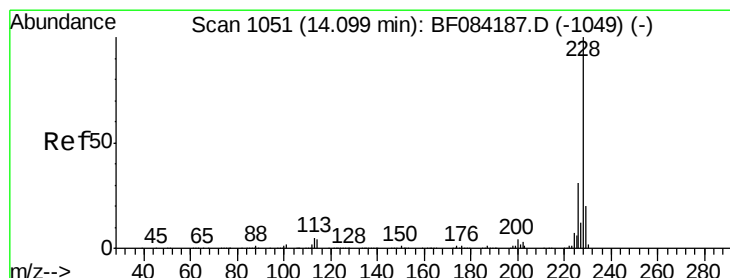
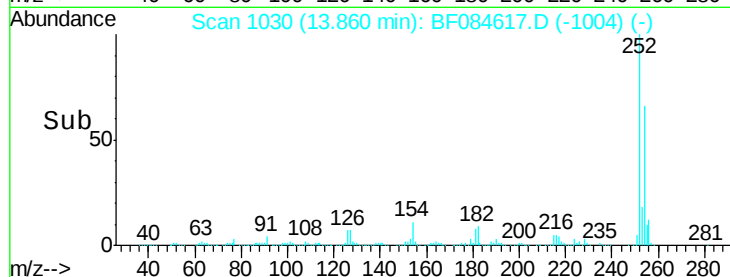
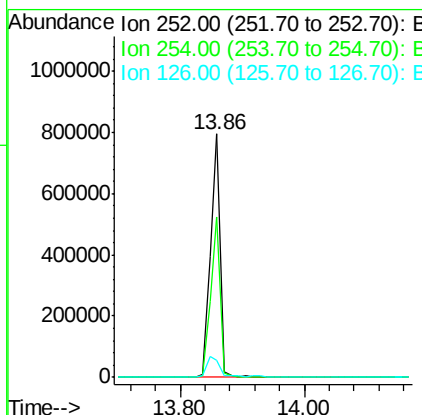
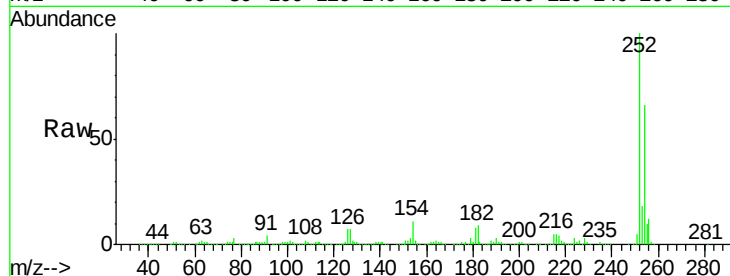
#81
 3,3'-Dichlorobenzidine
 Concen: 50.71 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.5	80.3
126	7.1	4.9	7.3

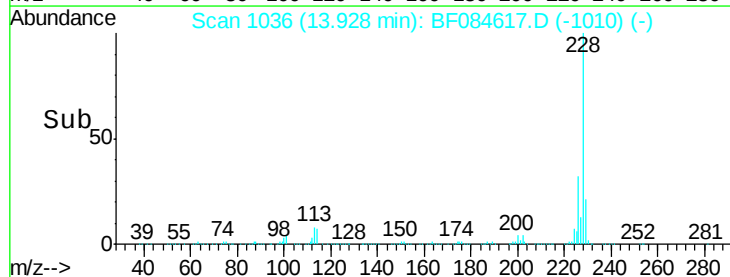
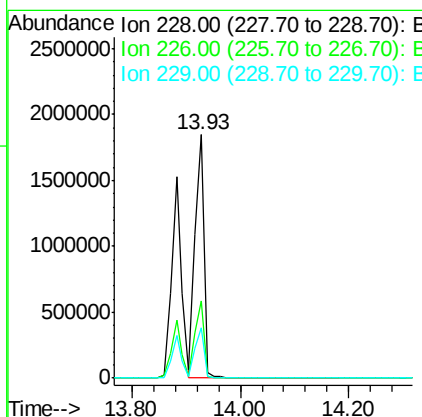
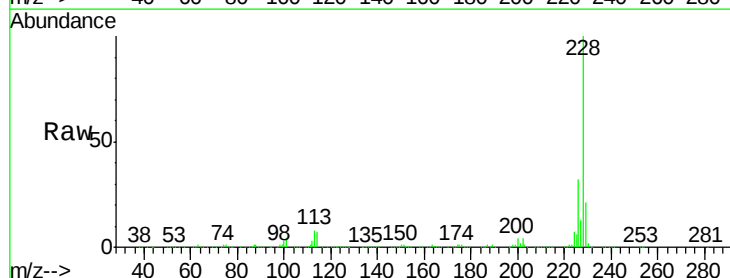
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#82
 Chrysene
 Concen: 45.13 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.9	16.1	24.1





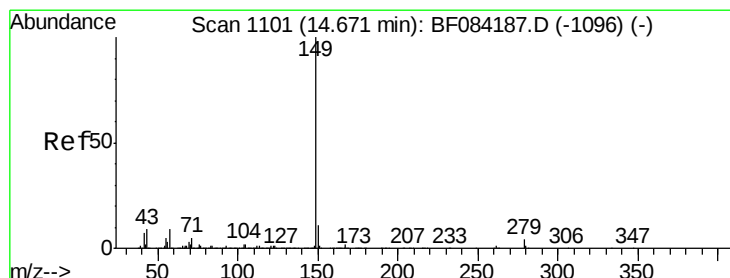
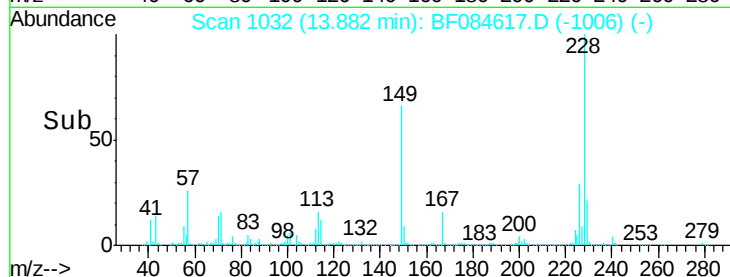
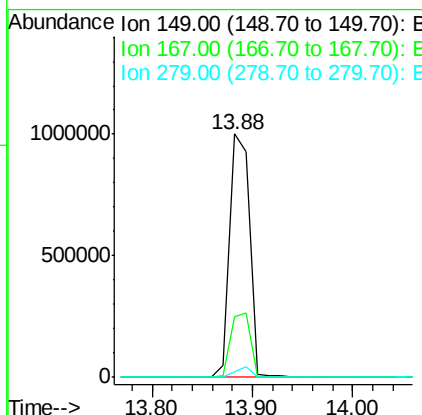
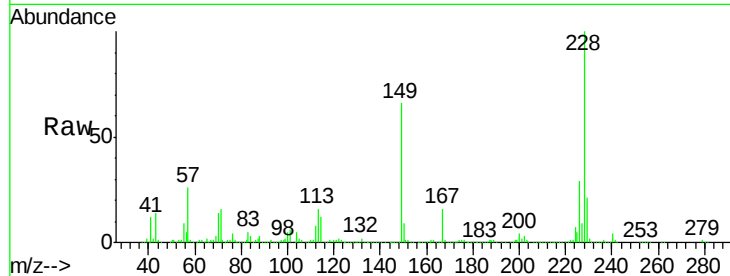
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.28 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1380012
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.7 29.5
 279 2.1 1.8 2.6

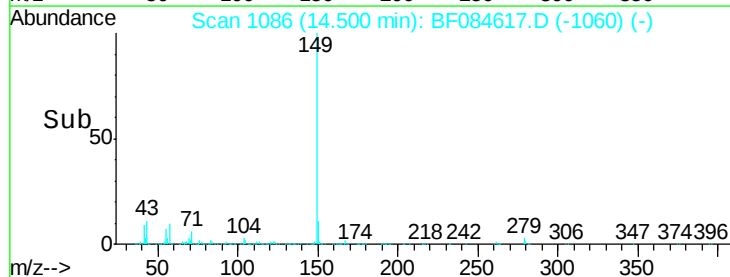
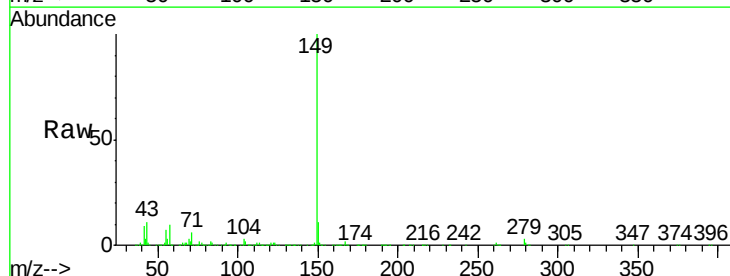
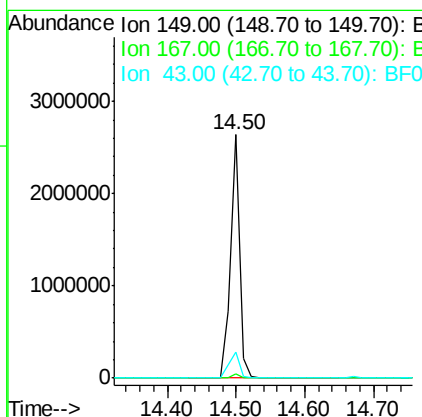
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 41.91 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF084617.D
 Acq: 27 Jan 2016 9:16

Tgt Ion:149 Resp: 2485662
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.3 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.10 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1651729

Ion Ratio Lower Upper

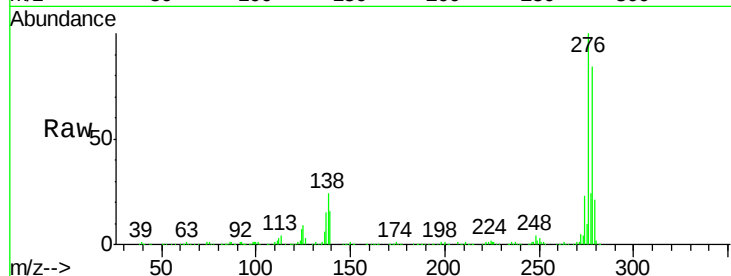
276 100

138 24.6 20.6 30.8

277 24.8 20.1 30.1

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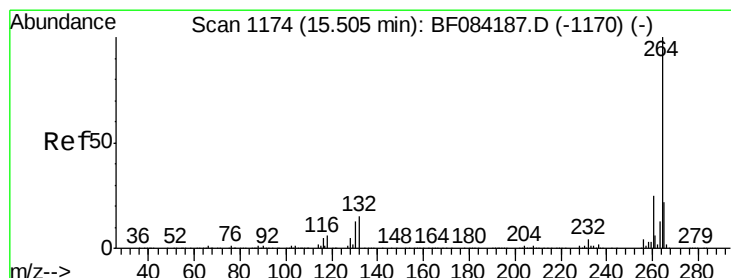
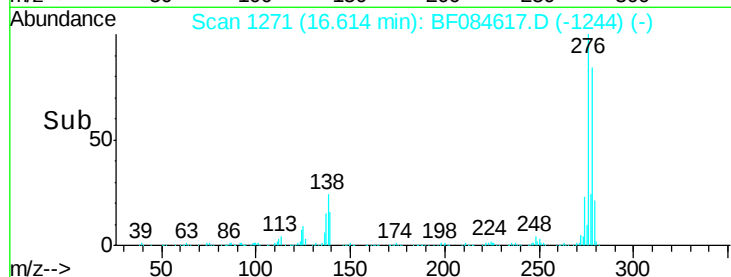
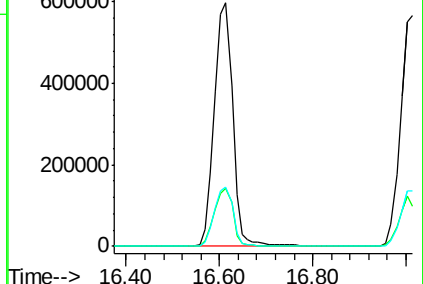
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

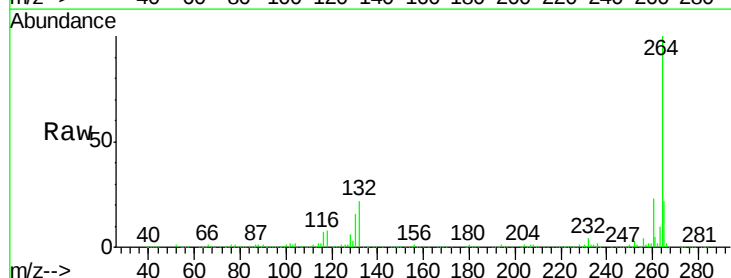
Tgt Ion:264 Resp: 810216

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

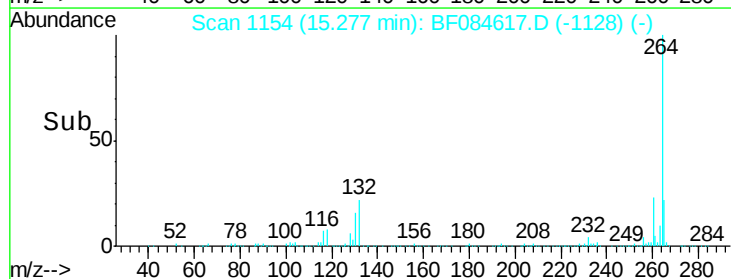
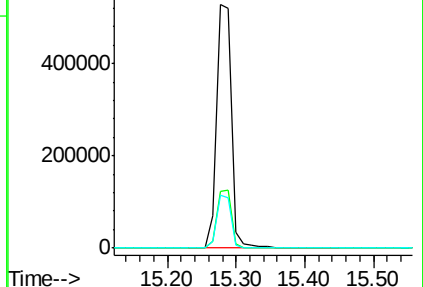
265 21.9 17.8 26.6

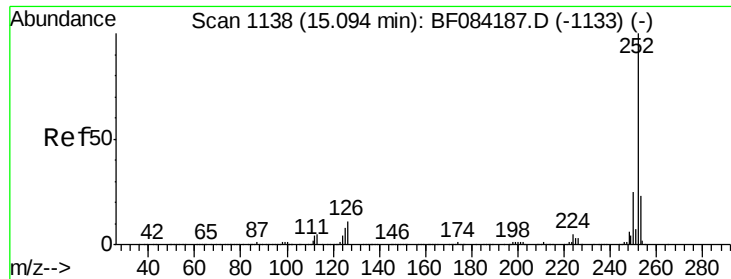


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.04 ng m

RT: 14.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

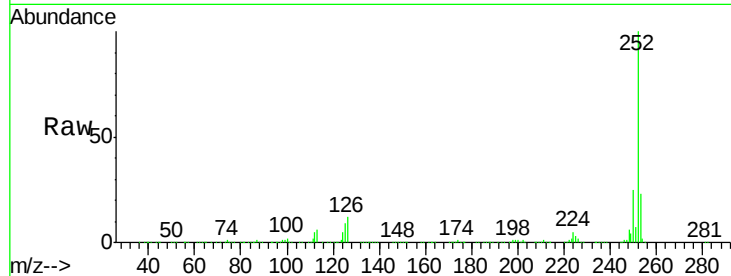
ClientSampleId :

SSTDCCC040

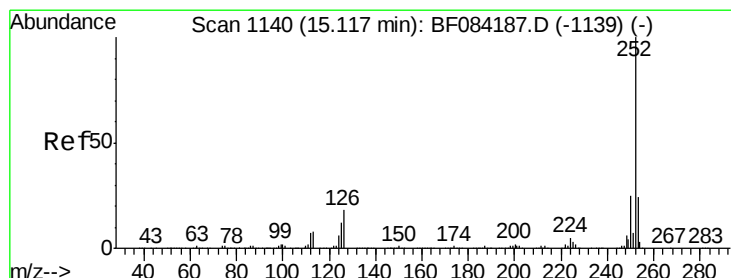
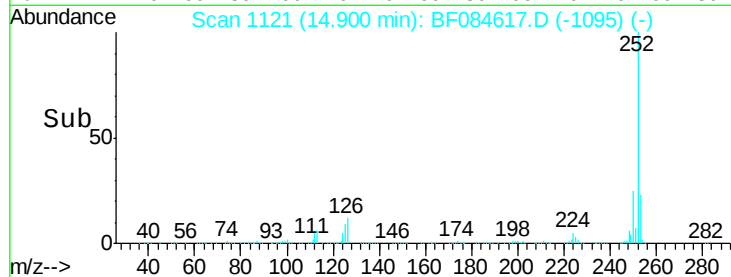
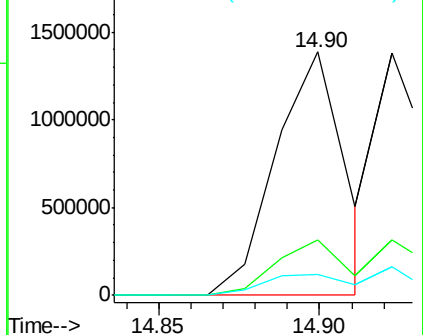
Tgt Ion:	252	Resp:	2069229
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	8.7	6.5	9.7

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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: 36.44 ng m

RT: 14.92 min Scan# 1123

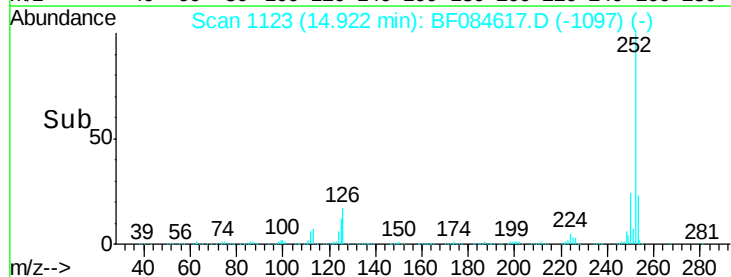
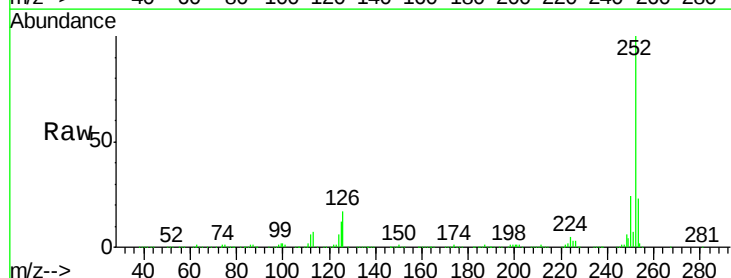
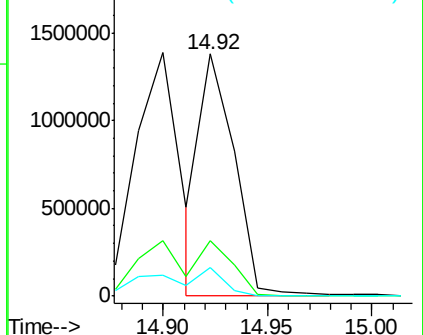
Delta R.T. 0.00 min

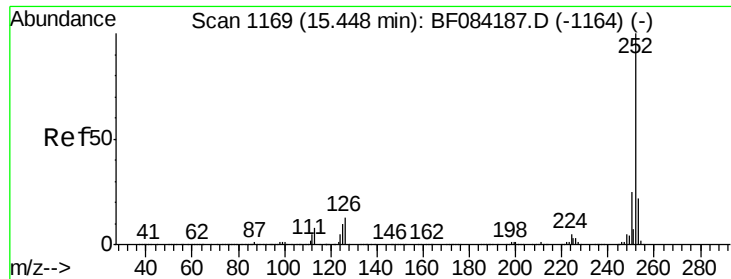
Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Tgt Ion:	252	Resp:	1579476
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	11.7	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





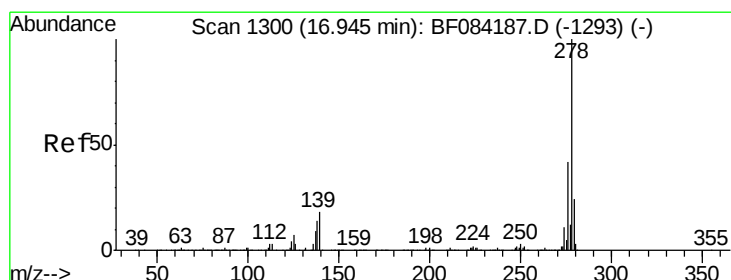
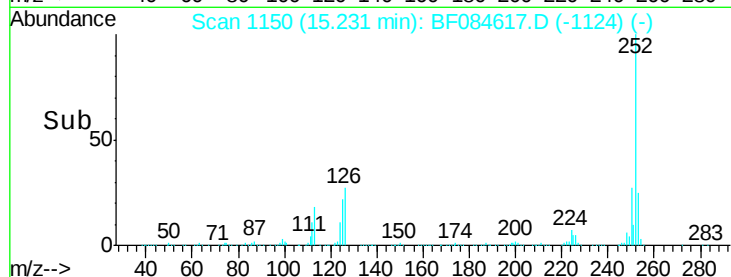
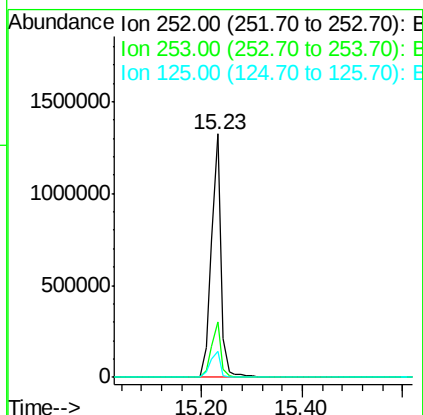
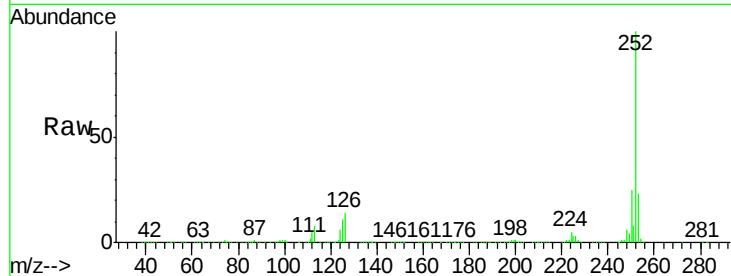
#89
Benzo(a)pyrene
Concen: 38.72 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	10.6	7.0	10.4

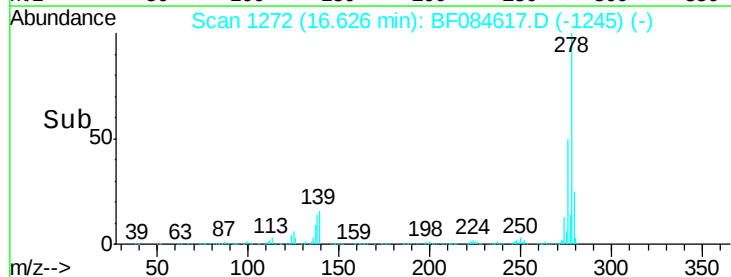
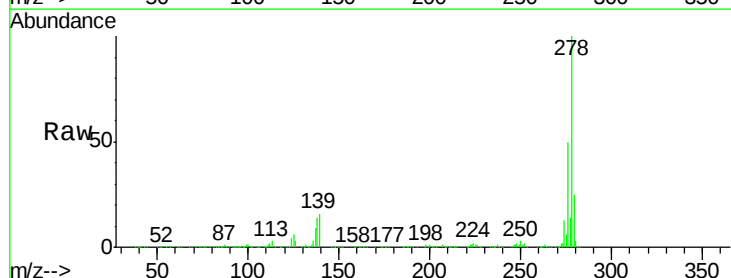
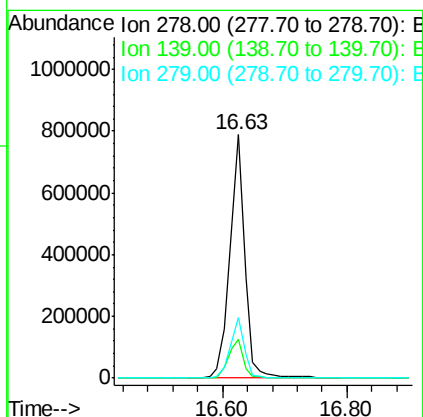
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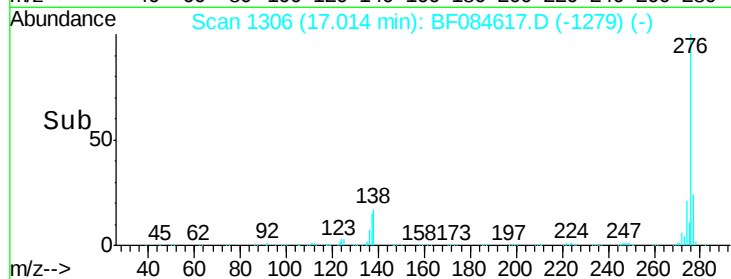
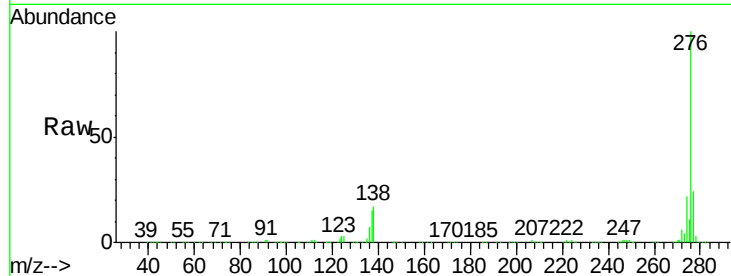
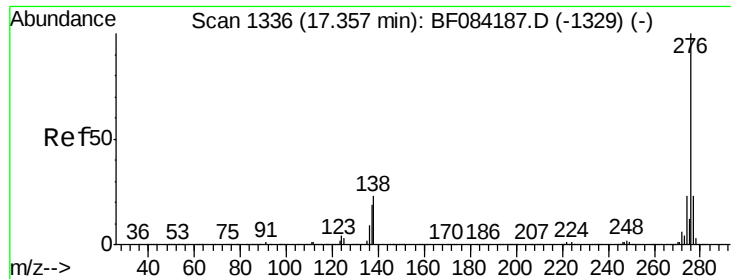
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 34.59 ng
RT: 16.63 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF084617.D
Acq: 27 Jan 2016 9:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.0	22.4
279	24.7	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 33.53 ng

RT: 17.01 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF084617.D

Acq: 27 Jan 2016 9:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 1343110

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 17.1 17.8 26.6

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