

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084602.D
 Acq On : 25 Jan 2016 12:33
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/26/2016 10:43:15 AM

Quant Time: Jan 25 16:30:20 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	196720	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1100552	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	519624	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1030390	20.00	ng	0.00
75) Chrysene-d12	13.89	240	785744	20.00	ng	0.00
86) Perylene-d12	15.28	264	711036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1089565	89.59	ng	0.00
7) Phenol-d6	6.40	99	1242700	81.36	ng	0.00
23) Nitrobenzene-d5	7.31	82	1470046	74.34	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	424204	80.86	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2451796	82.84	ng	0.00
78) Terphenyl-d14	12.85	244	2791064	79.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	280300	48.65	ng	# 77
3) Pyridine	2.93	79	730090	45.45	ng	# 75
4) n-Nitrosodimethylamine	2.89	42	400625	48.59	ng	# 80
6) Aniline	6.41	93	799500	35.78	ng	# 45
8) 2-Chlorophenol	6.52	128	535154	38.78	ng	83
9) Benzaldehyde	6.28	77	318577	32.03	ng	98
10) Phenol	6.41	94	761717	43.86	ng	77
11) bis(2-Chloroethyl)ether	6.49	93	557525	41.44	ng	90
12) 1,3-Dichlorobenzene	6.68	146	596296	41.89	ng	97
13) 1,4-Dichlorobenzene	6.76	146	580724m	40.68	ng	
14) 1,2-Dichlorobenzene	6.91	146	617587	45.18	ng	97
15) Benzyl Alcohol	6.90	79	582235	45.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1145498	46.76	ng	94
17) 2-Methylphenol	7.01	107	565610	48.91	ng	# 92
18) Hexachloroethane	7.25	117	308037	53.97	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	523515	50.63	ng	# 77
20) 3+4-Methylphenols	7.17	107	741728	54.57	ng	88
22) Acetophenone	7.16	105	1030665	38.95	ng	96
24) Nitrobenzene	7.33	77	830727	41.42	ng	99
25) Isophorone	7.57	82	1456090	38.50	ng	98
26) 2-Nitrophenol	7.65	139	397214	43.52	ng	# 87
27) 2,4-Dimethylphenol	7.70	122	724096	39.19	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	913382	39.54	ng	98
29) 2,4-Dichlorophenol	7.89	162	581905	37.81	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	653740	41.14	ng	# 96
31) Naphthalene	8.05	128	2095736	41.97	ng	98
32) Benzoic acid	7.85	122	495111	42.48	ng	93
33) 4-Chloroaniline	8.11	127	919490	40.17	ng	# 91
34) Hexachlorobutadiene	8.17	225	340118	37.24	ng	99
35) Caprolactam	8.50	113	201707	38.88	ng	# 46
36) 4-Chloro-3-methylphenol	8.60	107	728522	42.26	ng	97
37) 2-Methylnaphthalene	8.74	142	1284941	35.85	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	638362	42.73	ng	99
40) Hexachlorocyclopentadiene	8.90	237	341969	37.92	ng	98

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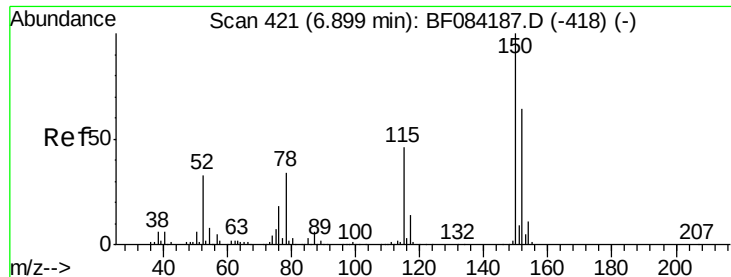
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	435014	38.92	nq	95
43) 2,4,5-Trichlorophenol	9.07	196	449033	41.91	nq #	92
45) 1,1'-Biphenyl	9.21	154	1626893	39.39	nq	99
46) 2-Chloronaphthalene	9.23	162	1256000	38.72	nq	94
47) 2-Nitroaniline	9.33	65	498879	46.60	nq	90
48) Acenaphthylene	9.64	152	1727859	36.05	nq	96
49) Dimethylphthalate	9.52	163	1457344	39.23	nq #	90
50) 2,6-Dinitrotoluene	9.57	165	317089	38.92	nq #	43
51) Acenaphthene	9.81	154	1283207	39.92	nq	97
52) 3-Nitroaniline	9.74	138	363118	35.97	nq	96
53) 2,4-Dinitrophenol	9.85	184	191489	56.28	nq #	83
54) Dibenzofuran	9.98	168	1566467	37.10	nq	90
55) 4-Nitrophenol	9.92	139	283626	38.70	nq #	74
56) 2,4-Dinitrotoluene	9.97	165	456236	44.24	nq #	74
57) Fluorene	10.33	166	1265326	38.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	406474	44.44	nq	90
59) Diethylphthalate	10.21	149	1489069	40.66	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	654005	48.81	nq	89
61) 4-Nitroaniline	10.36	138	381883	42.43	nq	94
62) Azobenzene	10.49	77	1682066	41.87	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	249811	39.68	nq #	68
65) n-Nitrosodiphenylamine	10.44	169	1185664	35.99	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	404673	36.49	nq #	75
67) Hexachlorobenzene	10.88	284	503661	40.35	nq	98
68) Atrazine	10.98	200	413034	38.31	nq	99
69) Pentachlorophenol	11.07	266	279820	43.23	nq	98
70) Phenanthrene	11.29	178	2212285	41.05	nq	95
71) Anthracene	11.33	178	2086816	39.50	nq	98
72) Carbazole	11.49	167	1757260	34.02	nq	98
73) Di-n-butylphthalate	11.84	149	2547291	46.90	nq #	97
74) Fluoranthene	12.46	202	2106603	37.41	nq	98
76) Benzidine	12.59	184	804261	28.55	nq	99
77) Pyrene	12.69	202	2128055	34.51	nq	96
79) Butylbenzylphthalate	13.32	149	1002150	37.56	nq	87
80) Benzo(a)anthracene	13.88	228	1917624	41.56	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	770738	47.87	nq	98
82) Chrysene	13.93	228	1824715	41.16	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	1243614	36.89	nq	99
84) Di-n-octyl phthalate	14.50	149	2303743	40.48	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.60	276	1407795	40.06	nq	98
87) Benzo(b)fluoranthene	14.90	252	1937260m	41.65	nq	
88) Benzo(k)fluoranthene	14.92	252	1319167m	34.68	nq	
89) Benzo(a)pyrene	15.23	252	1590685	40.32	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	1155824	34.05	nq	98
91) Benzo(g,h,i)perylene	17.00	276	1138439	32.38	nq	99

(#) = 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: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

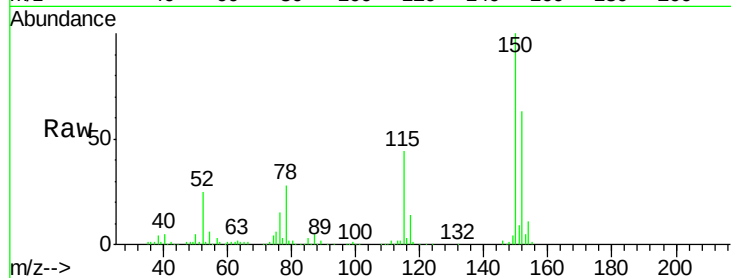
ClientSampleId :

SSTDCCC040

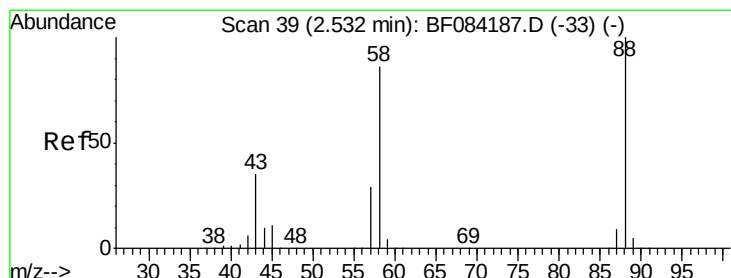
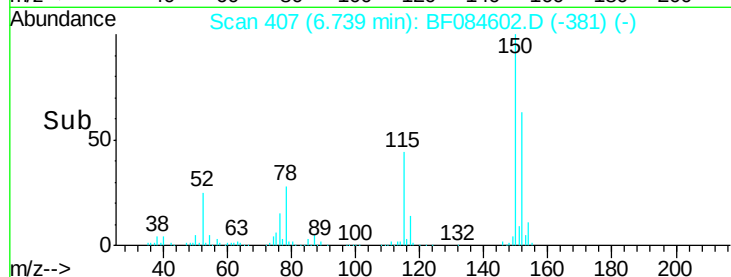
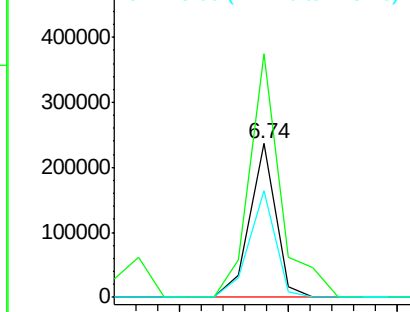
Tot Ion:	152	Resp:	196720
Ion Ratio	Lower	Upper	
152	100		
150	158.6	123.0	184.4
115	69.5	51.4	77.2

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



#2

1,4-Dioxane

Concen: 48.65 ng

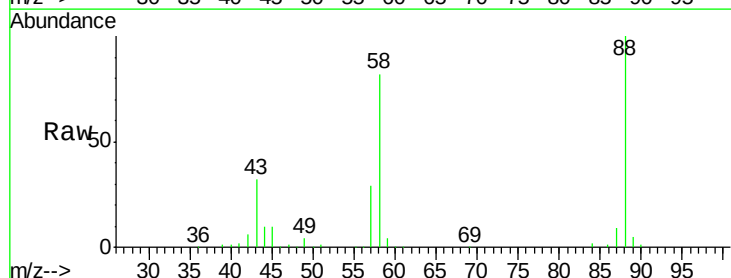
RT: 2.25 min Scan# 14

Delta R.T. 0.00 min

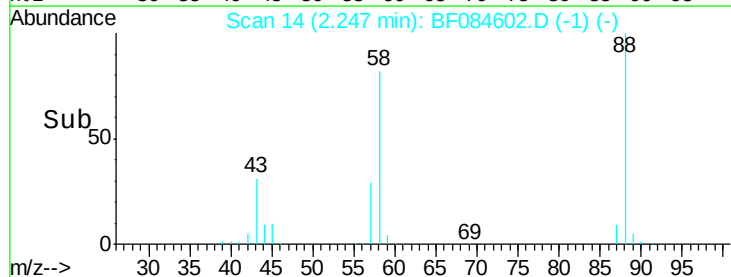
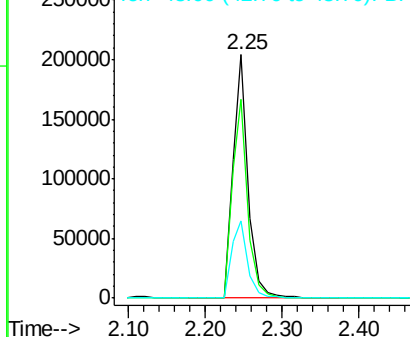
Lab File: BF084602.D

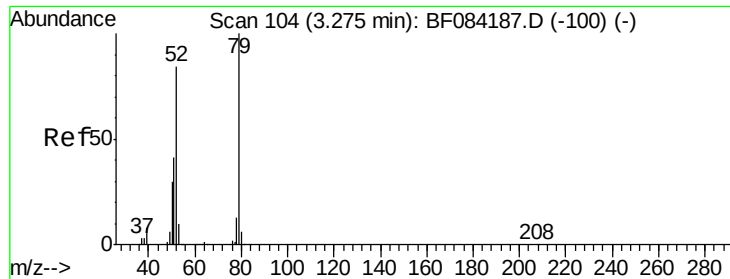
Acq: 25 Jan 2016 12:33

Tgt Ion:	88	Resp:	280300
Ion Ratio	Lower	Upper	
88	100		
58	83.0	51.2	76.8#
43	34.1	19.5	29.3#



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





#3

Pvridine

Concen: 45.45 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

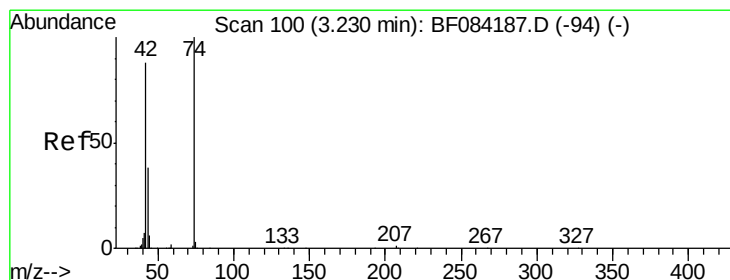
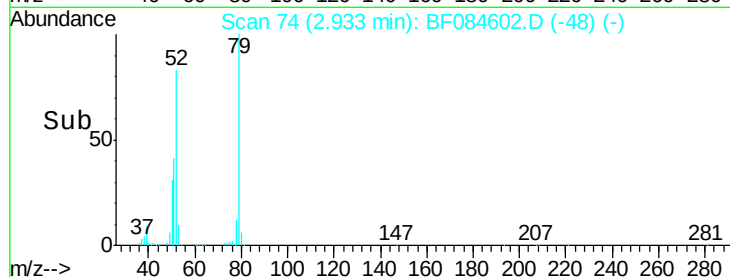
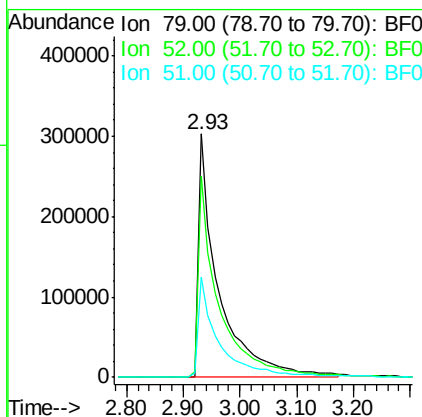
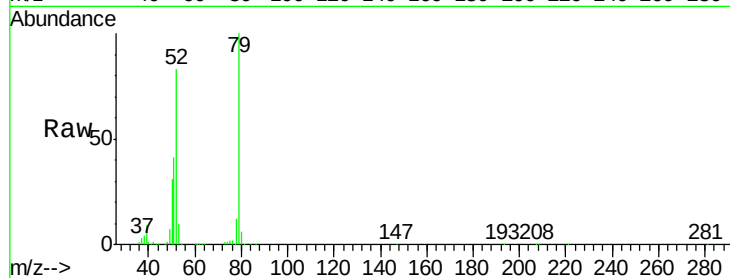
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	730090
Ion Ratio	Lower	Upper	
79	100		
52	82.9	49.0	73.4#
51	41.0	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 48.59 ng

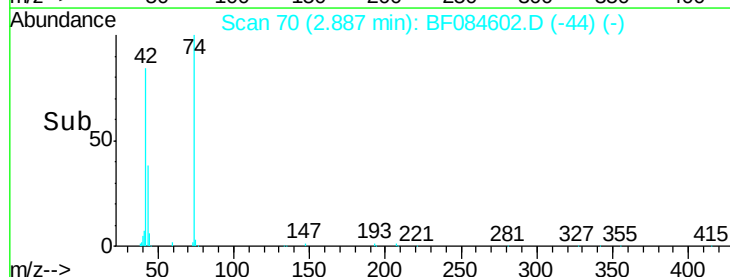
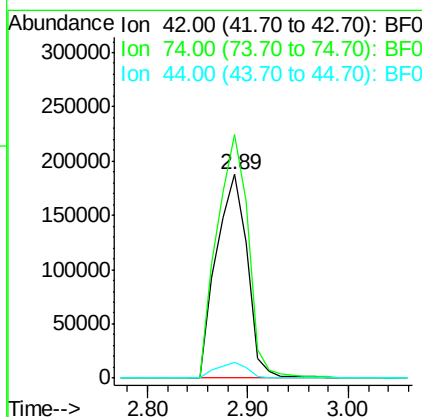
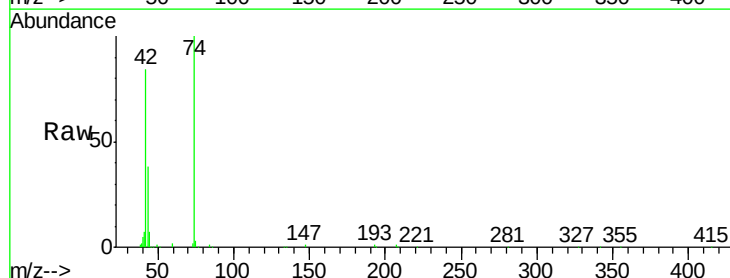
RT: 2.89 min Scan# 70

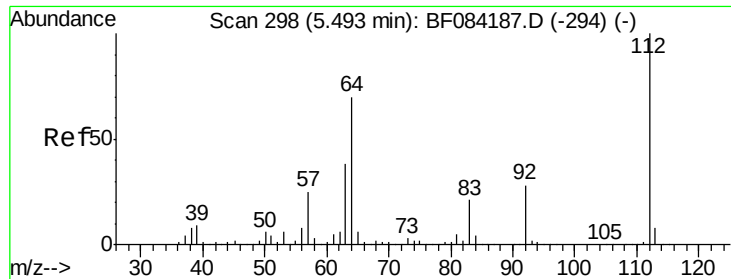
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	42	Resp:	400625
Ion Ratio	Lower	Upper	
42	100		
74	119.5	115.7	173.5
44	7.8	5.1	7.7#





#5

2-Fluorophenol

Concen: 89.59 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

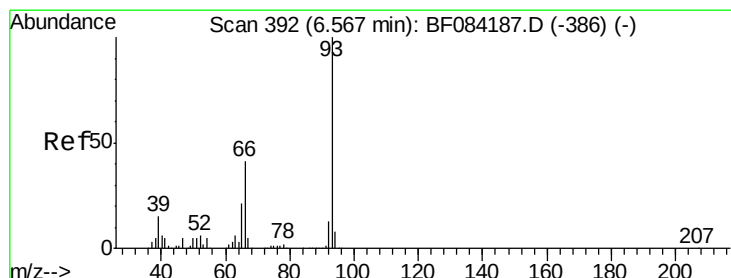
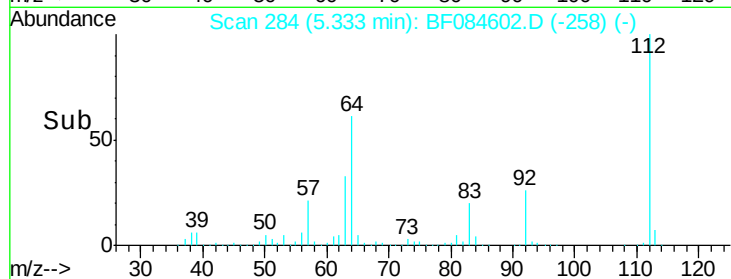
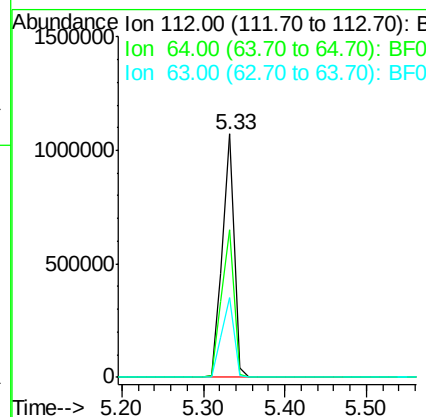
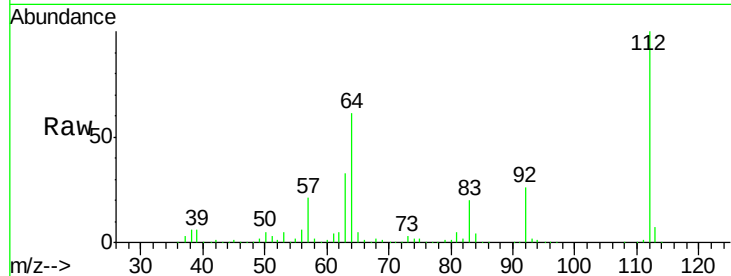
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1089565
Ion Ratio	Lower	Upper	
112	100		
64	60.8	36.6	55.0#
63	32.5	19.4	29.0#

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#6

Aniline

Concen: 35.78 ng

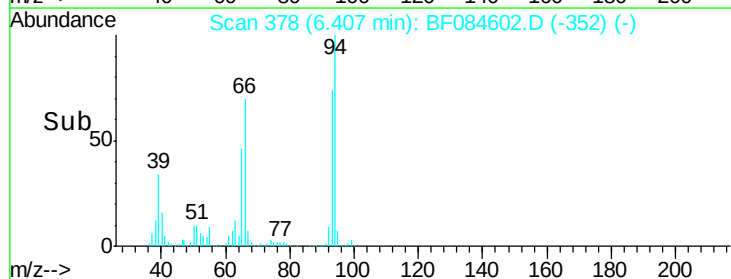
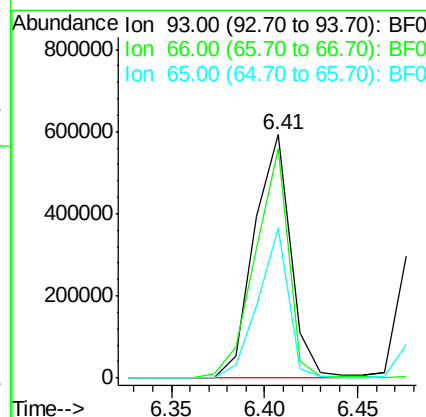
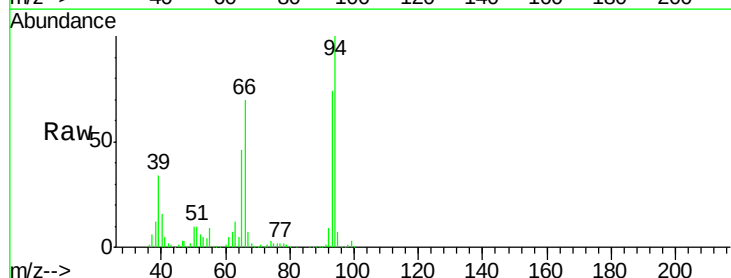
RT: 6.41 min Scan# 378

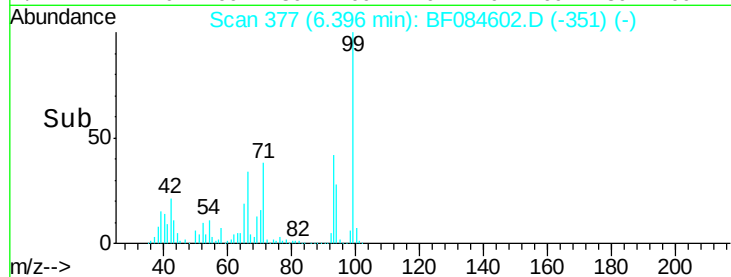
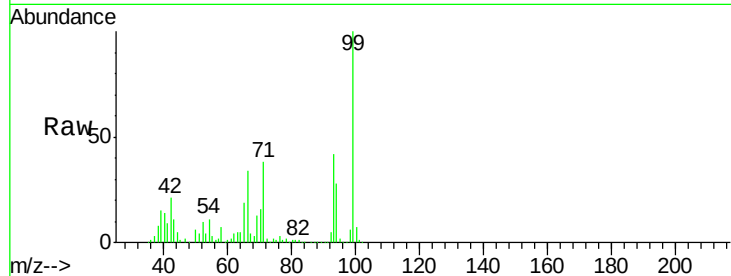
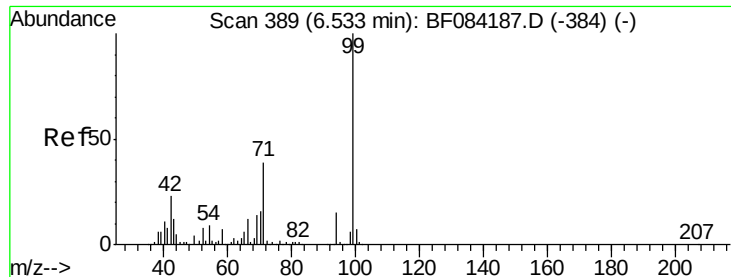
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	93	Resp:	799500
Ion Ratio	Lower	Upper	
93	100		
66	94.1	44.9	67.3#
65	61.7	23.7	35.5#





#7

Phenol-d6

Concen: 81.36 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tot Ion: 99 Resp: 1242700

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

71 38.0 30.9 46.3

Instrument :

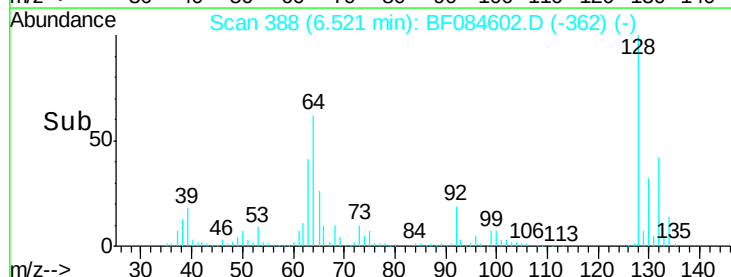
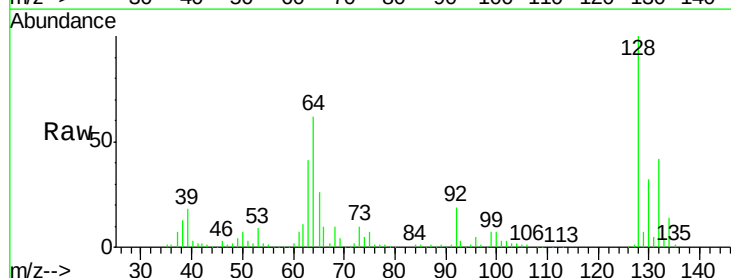
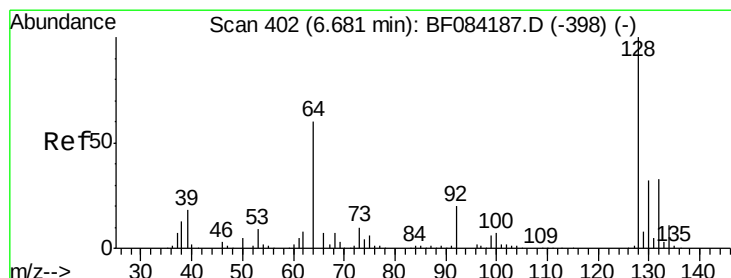
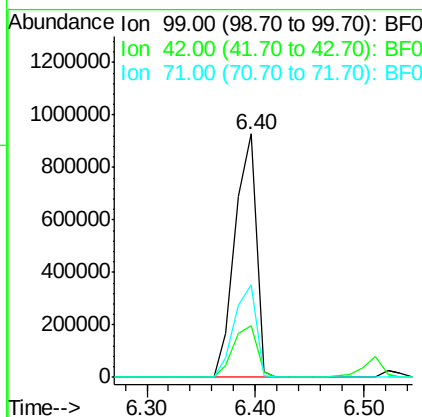
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#8

2-Chlorophenol

Concen: 38.78 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

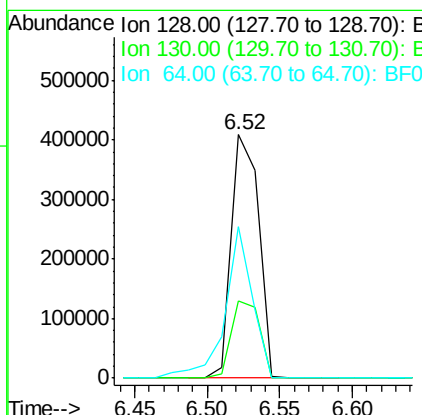
Tgt Ion:128 Resp: 535154

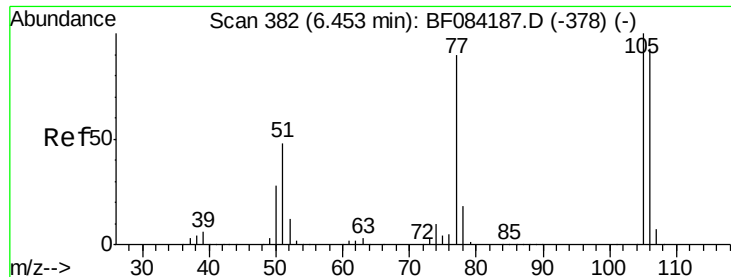
Ion Ratio Lower Upper

128 100

130 31.7 11.6 51.6

64 62.2 23.8 63.8





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

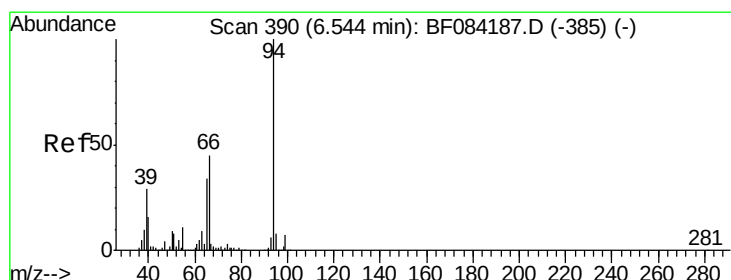
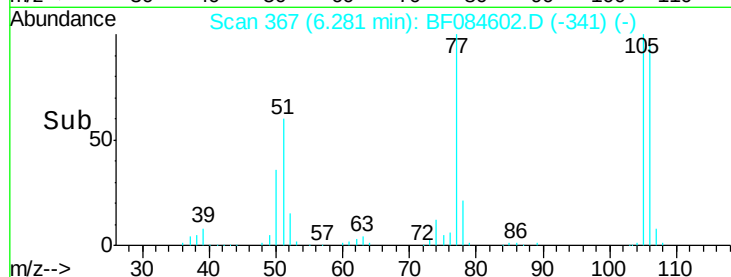
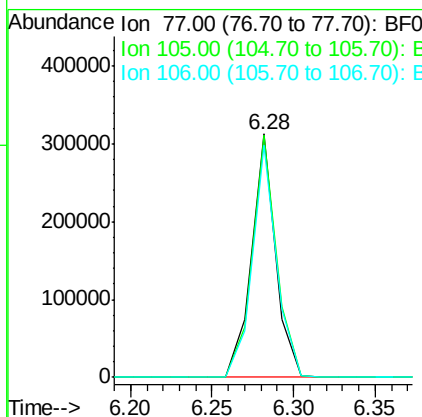
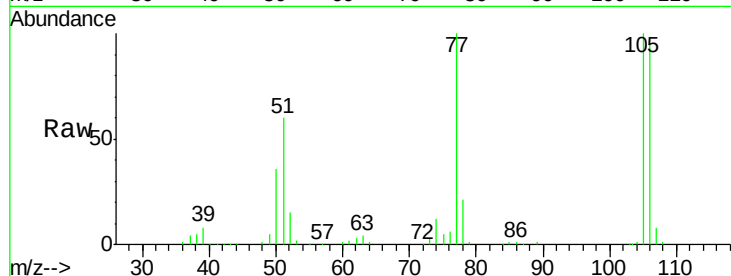
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	318577
Ion Ratio	Lower	Upper	
77	100		
105	99.5	83.0	123.0
106	95.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 43.86 ng

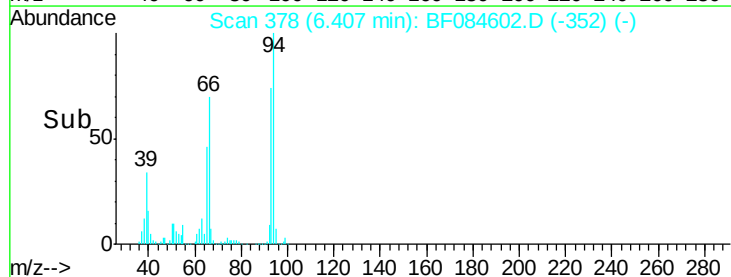
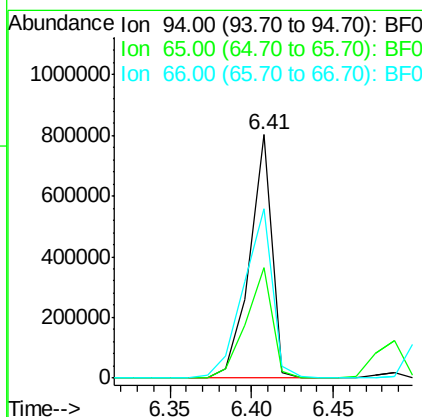
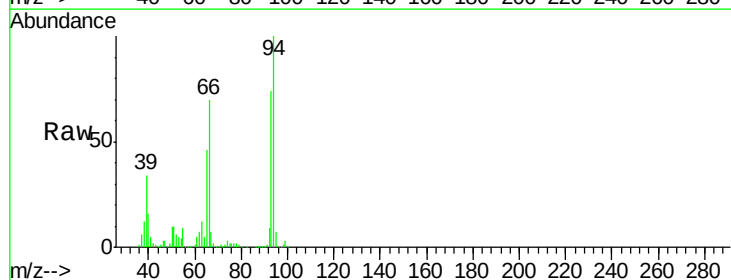
RT: 6.41 min Scan# 378

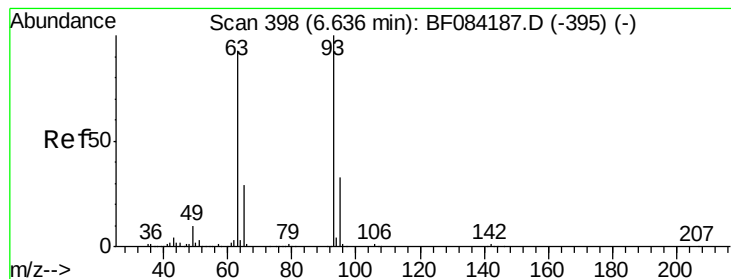
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	94	Resp:	761717
Ion Ratio	Lower	Upper	
94	100		
65	45.6	12.9	52.9
66	69.5	32.7	72.7





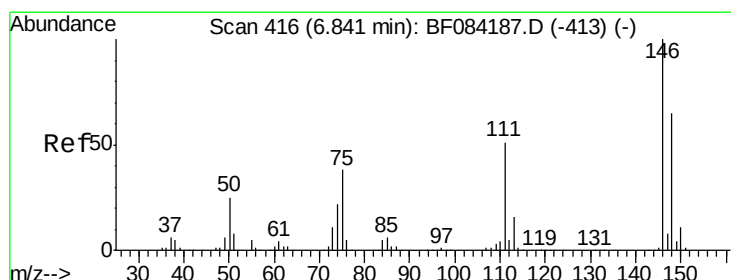
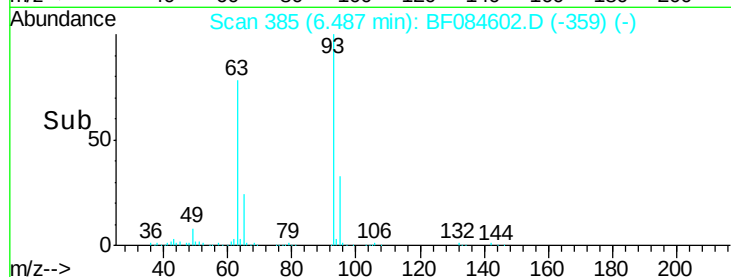
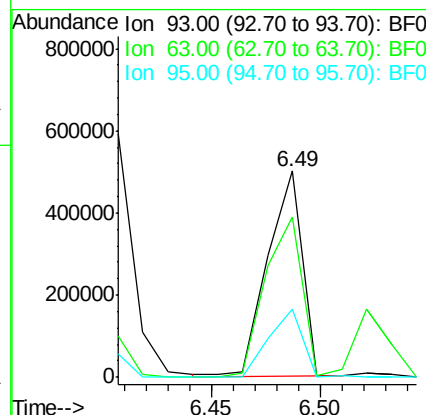
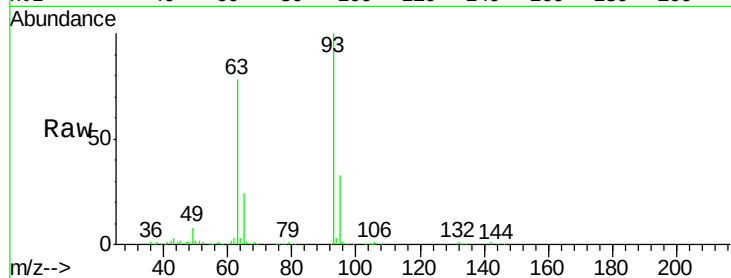
#11
bis(2-Chloroethyl)ether
Concen: 41.44 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	45.9	85.9
95	32.9	12.3	52.3

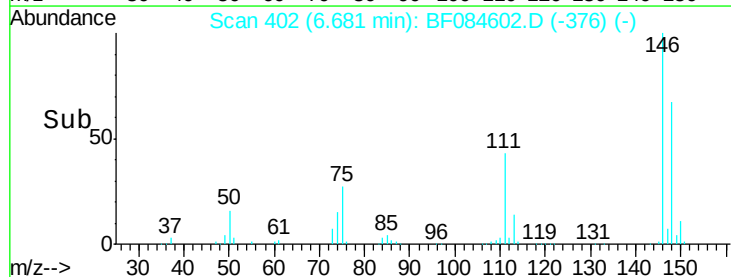
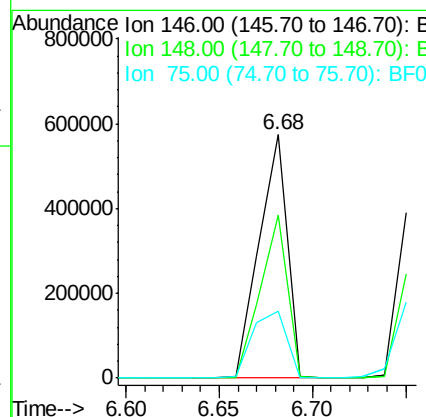
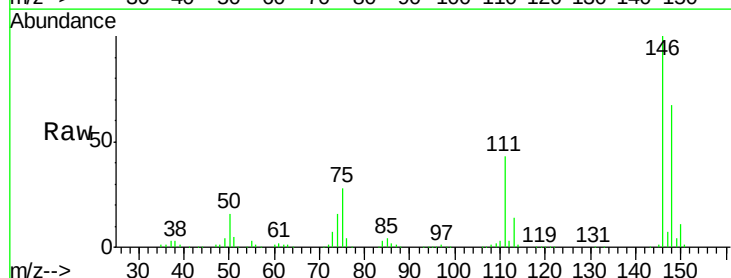
Manual Integrations
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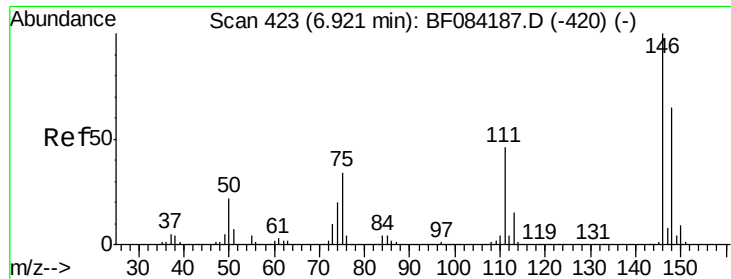
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.89 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.9	77.9
75	27.7	20.5	30.7





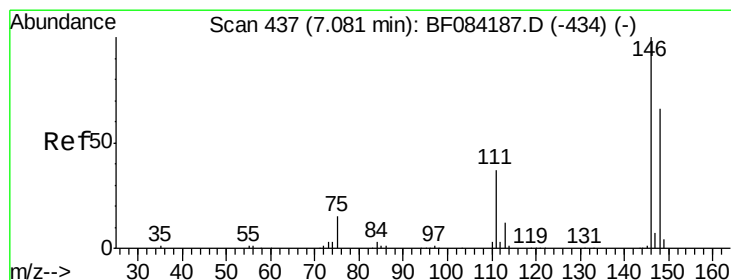
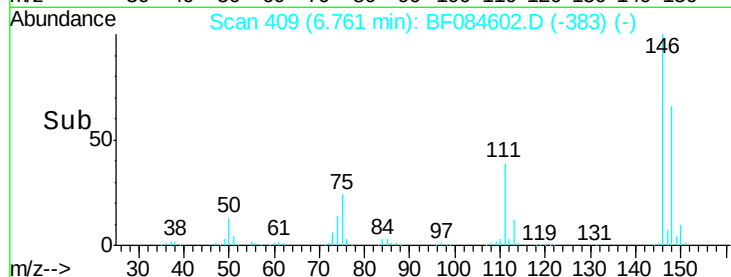
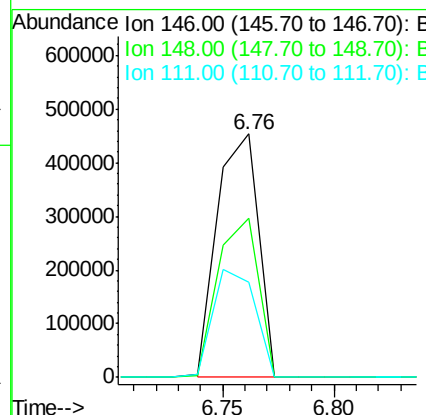
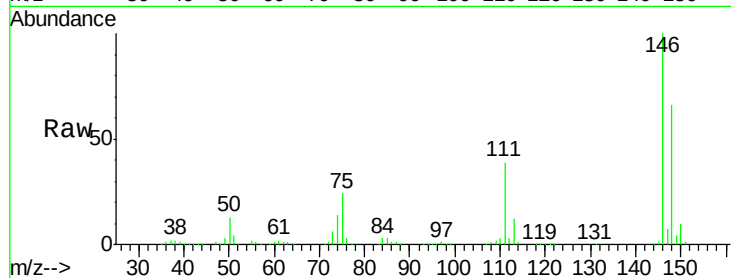
#13
 1,4-Dichlorobenzene
 Concen: 40.68 ng/mL
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
111	39.1	41.6	62.4

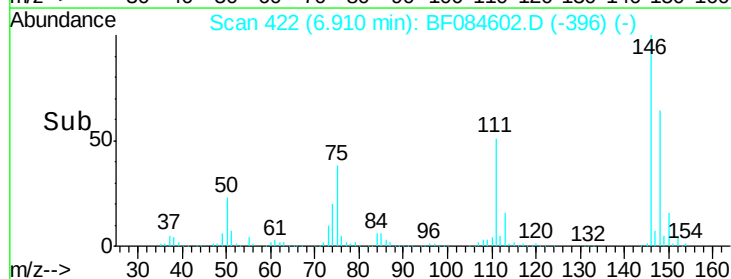
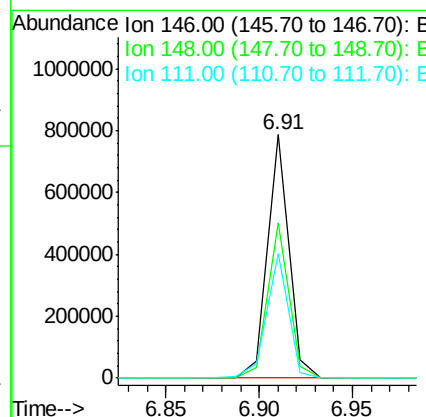
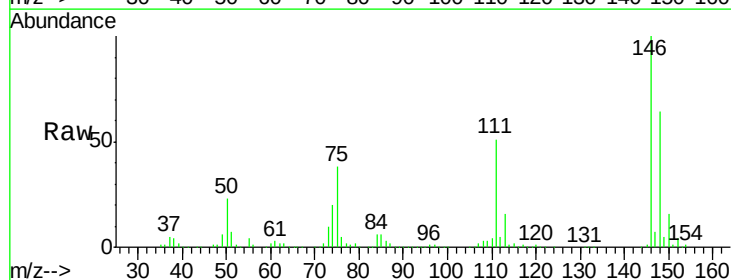
Manual Integrations
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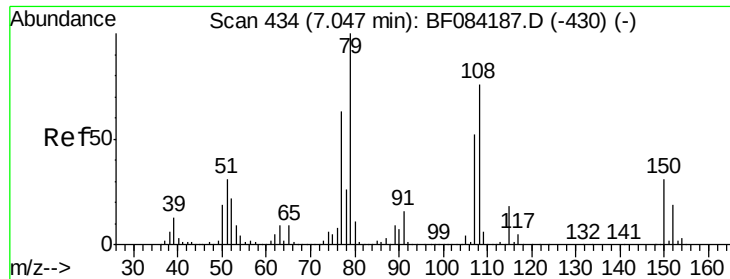
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.18 ng/mL
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	51.3	38.0	57.0





#15

Benzyl Alcohol

Concen: 45.31 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

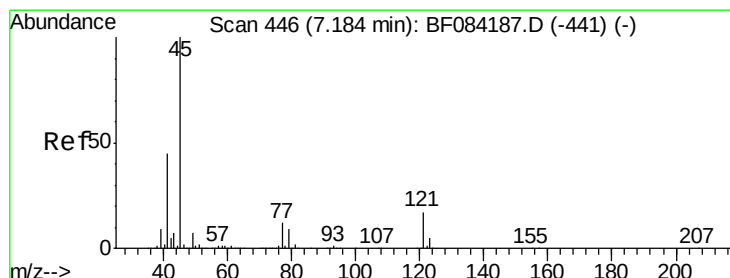
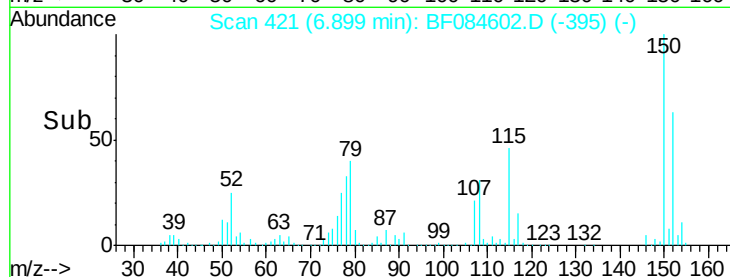
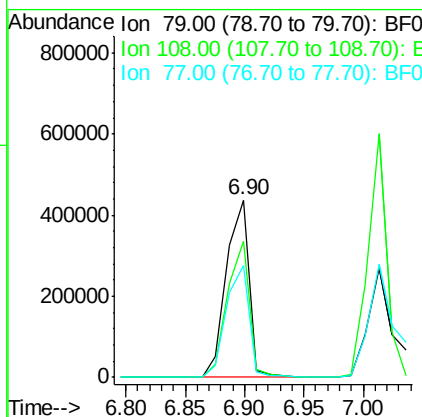
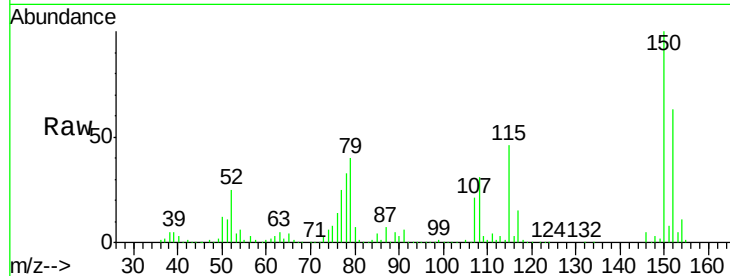
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	582235
Ion Ratio	Lower	Upper	
79	100		
108	76.8	69.0	103.4
77	63.0	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.76 ng

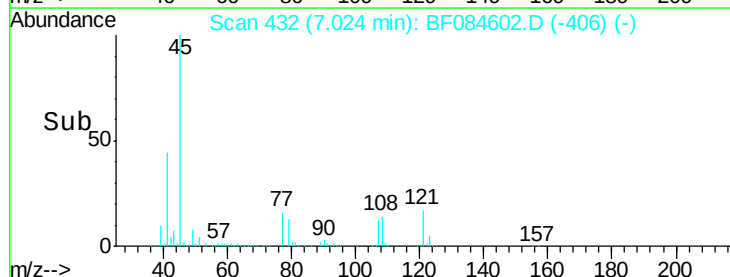
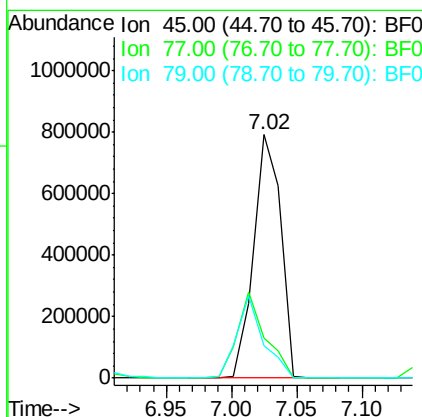
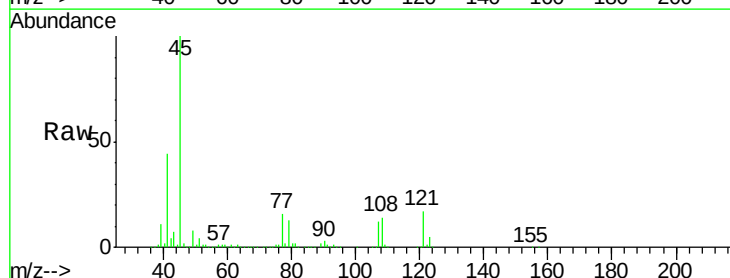
RT: 7.02 min Scan# 432

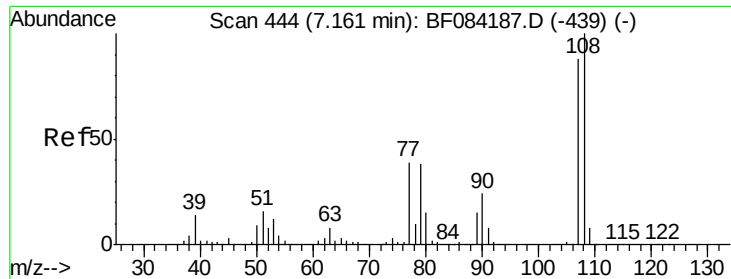
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	45	Resp:	1145498
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	39.6
79	13.2	0.0	35.0





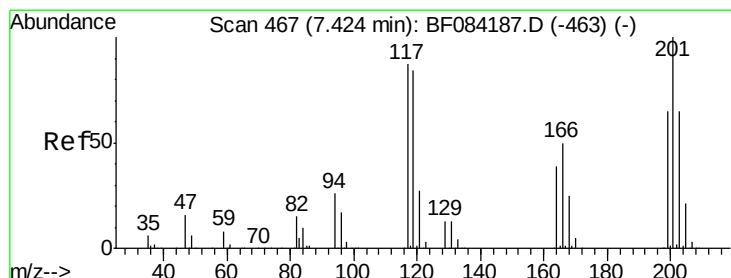
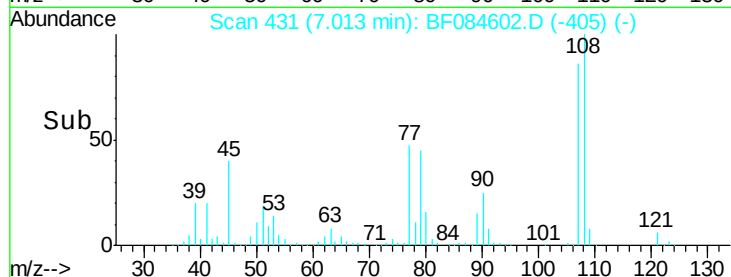
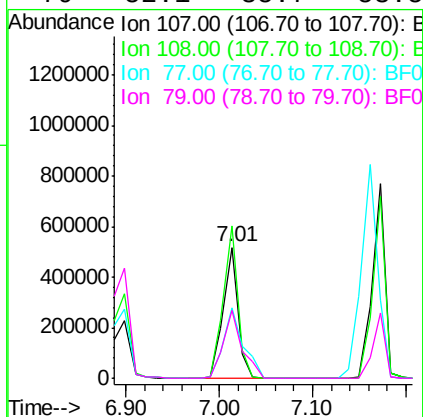
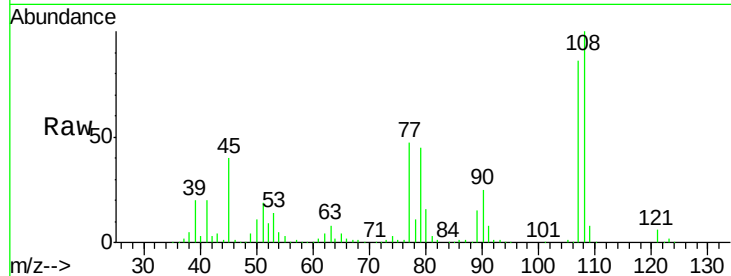
#17
2-Methylphenol
Concen: 48.91 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	89.8	134.6	
77	53.9	35.7	53.5	
79	52.1	35.7	53.5	

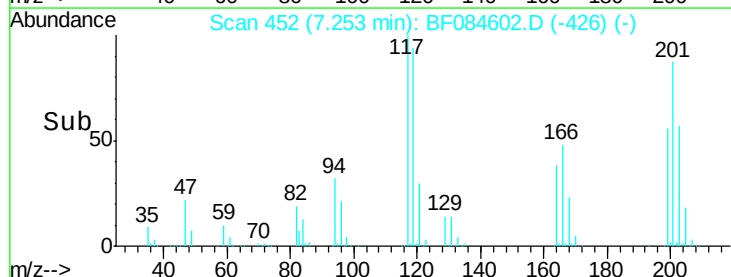
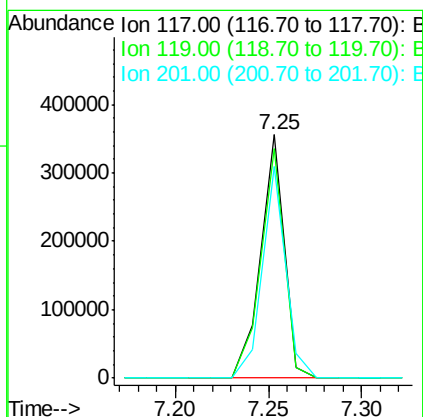
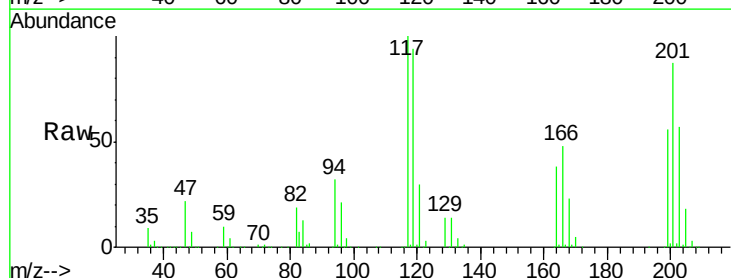
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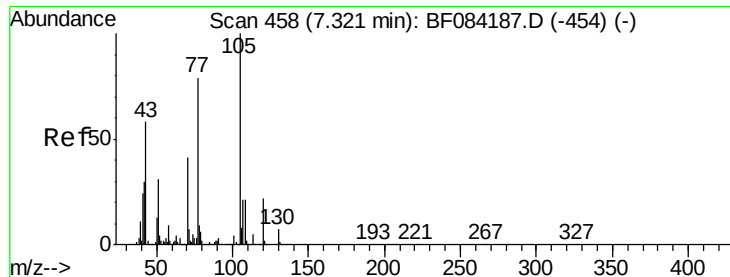
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#18
Hexachloroethane
Concen: 53.97 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.0	
201	87.0	68.6	103.0	





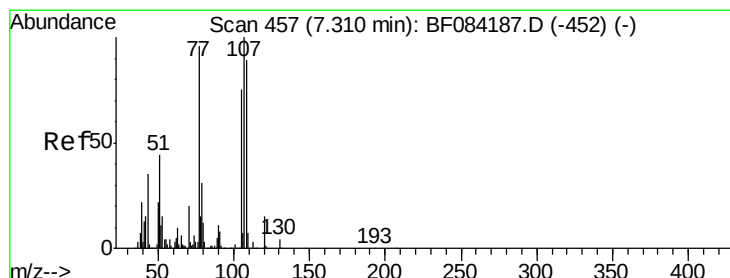
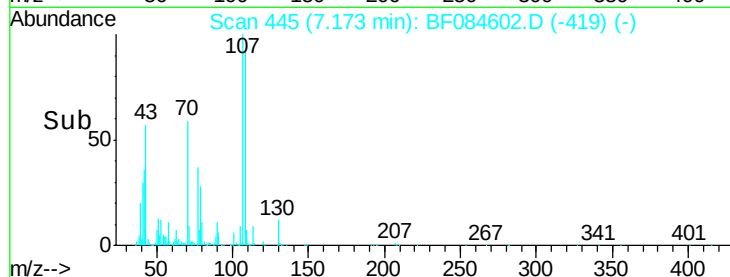
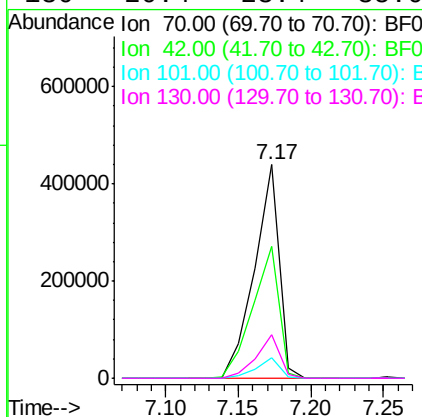
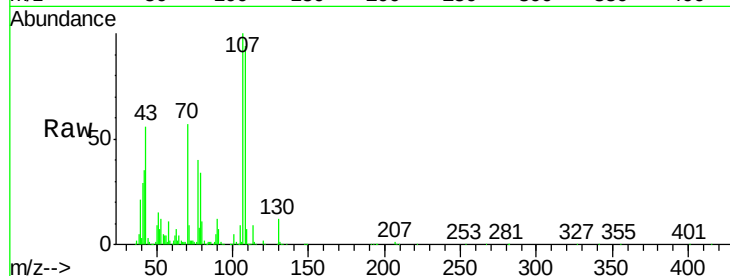
#19
n-Nitroso-di-n-propylamine
Concen: 50.63 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	33.3	49.9#
101	9.4	9.3	13.9
130	20.4	23.4	35.0#

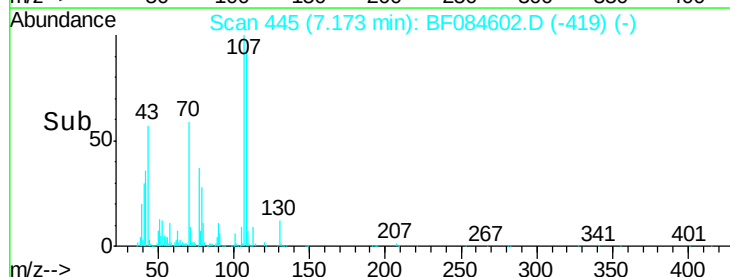
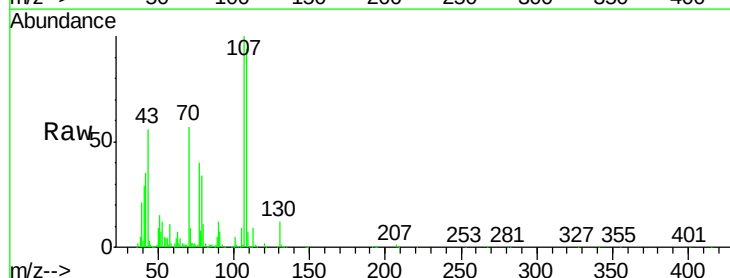
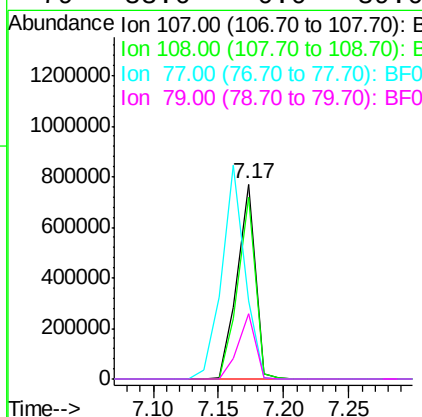
Manual Integrations
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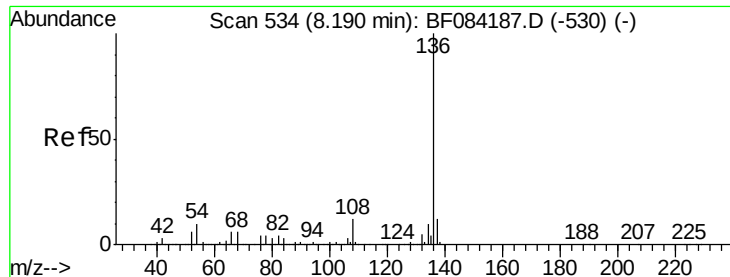
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#20
3+4-Methylphenols
Concen: 54.57 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	74.6	114.6
77	40.1	0.7	40.7
79	33.6	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: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1100552

Ion Ratio Lower Upper

136 100

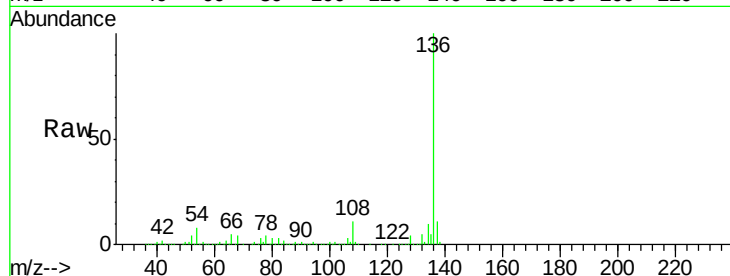
137 11.4 8.7 13.1

54 7.9 5.8 8.8

68 4.5 4.2 6.2

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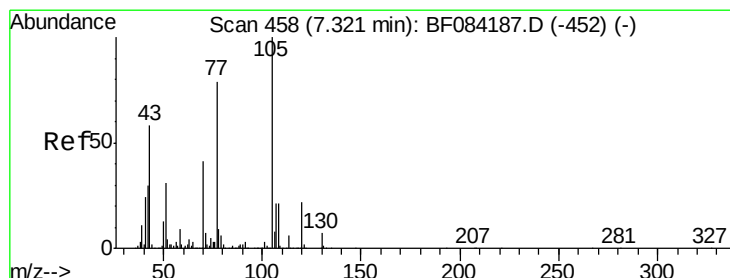
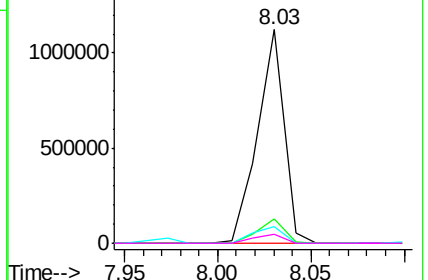
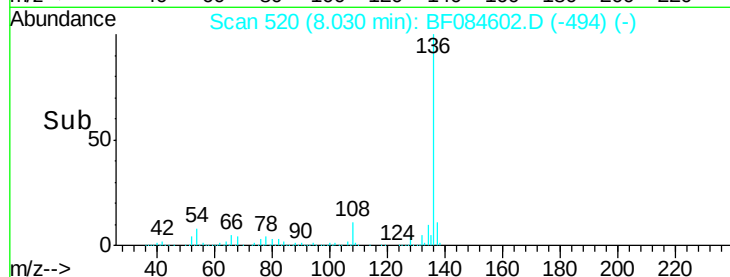


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.95 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:105 Resp: 1030665

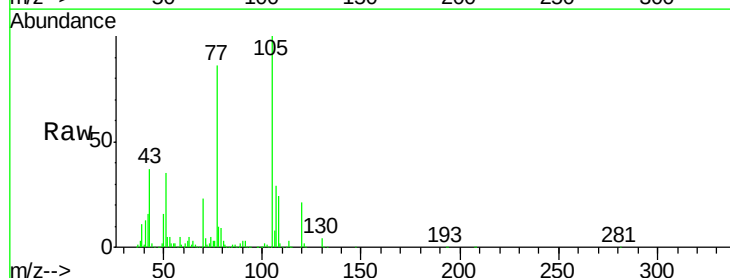
Ion Ratio Lower Upper

105 100

71 3.8 3.7 5.5

51 35.4 25.1 37.7

120 20.9 16.6 25.0

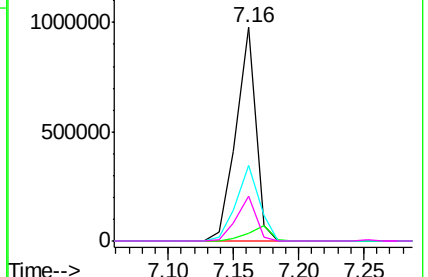
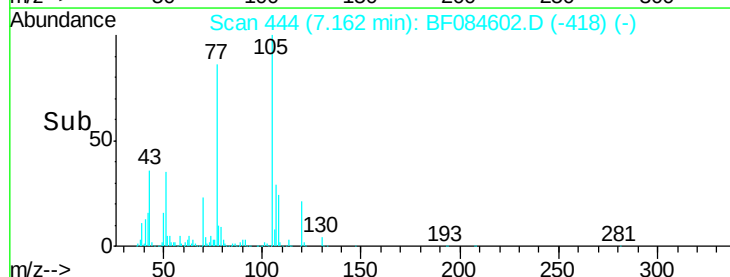


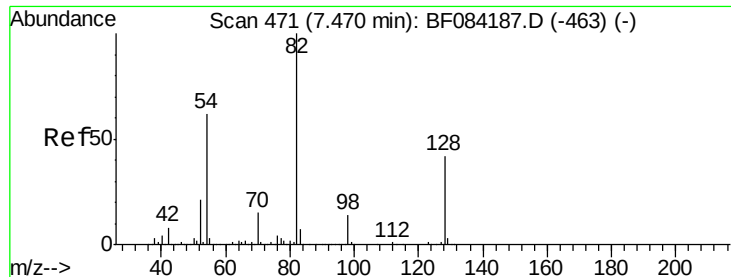
Abundance Ion 105.00 (104.70 to 105.70): E

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





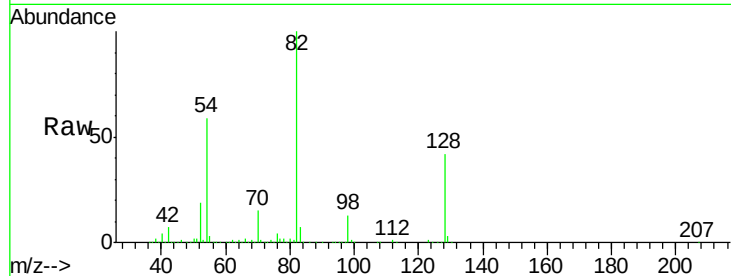
#23
Nitrobenzene-d5
Concen: 74.34 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

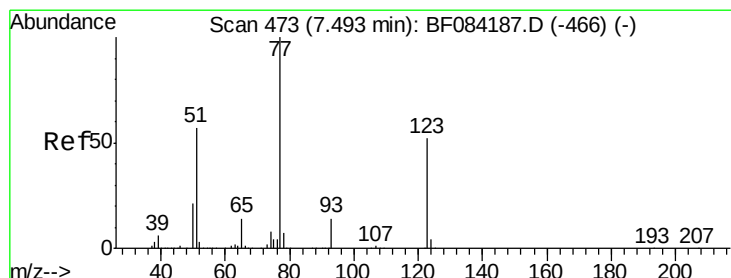
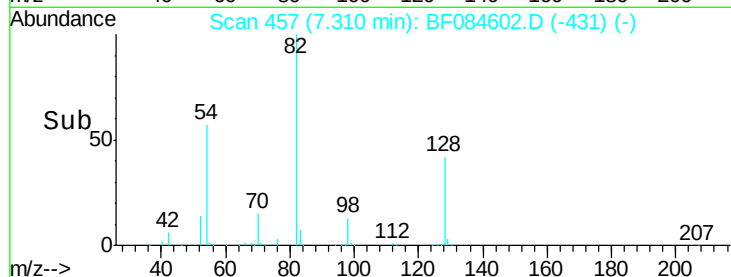
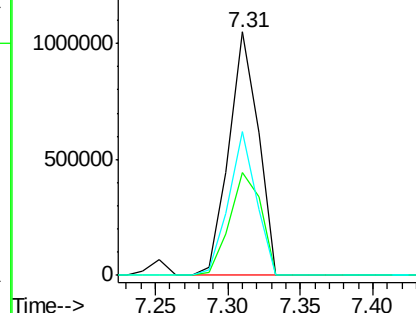
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	59.1	38.4	57.6

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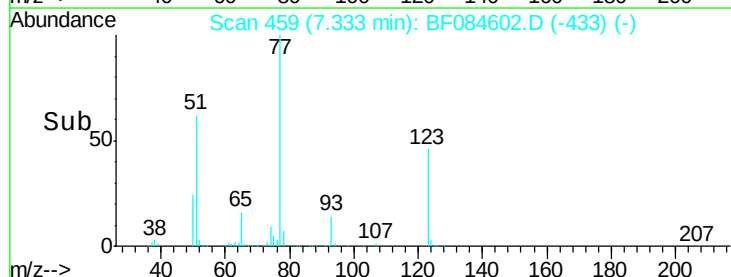
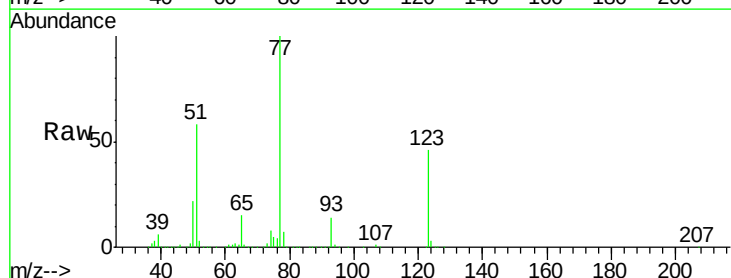
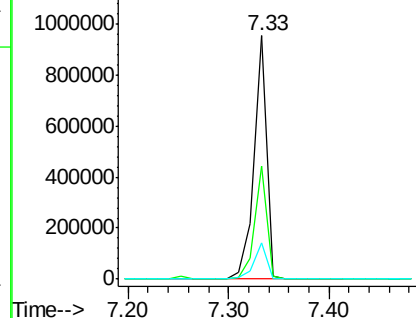
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

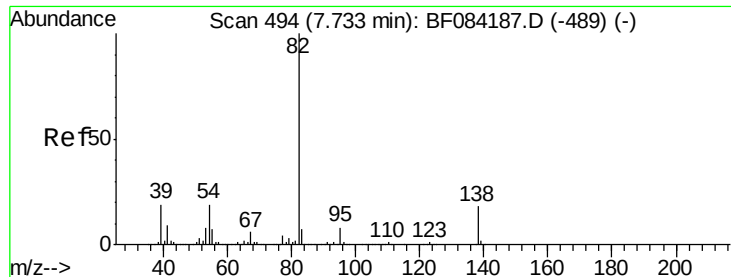


#24
Nitrobenzene
Concen: 41.42 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.4	56.2
65	14.8	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: 38.50 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1456090

Ion Ratio Lower Upper

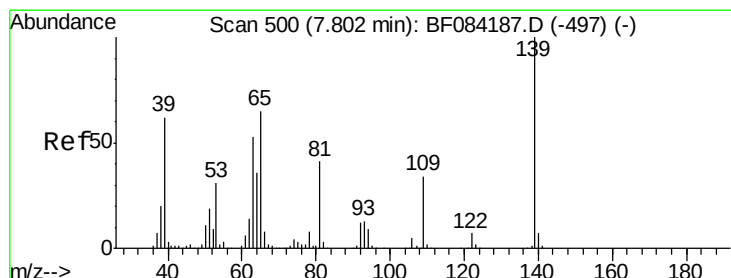
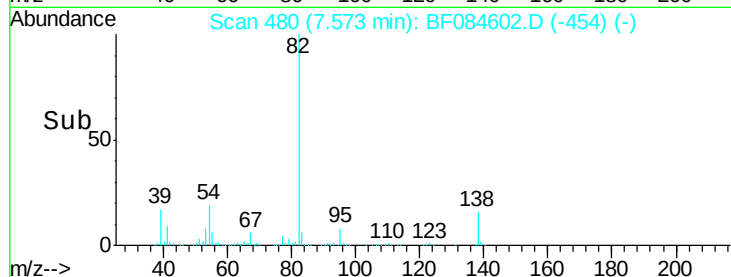
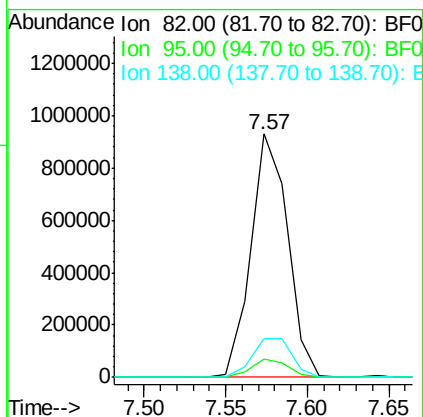
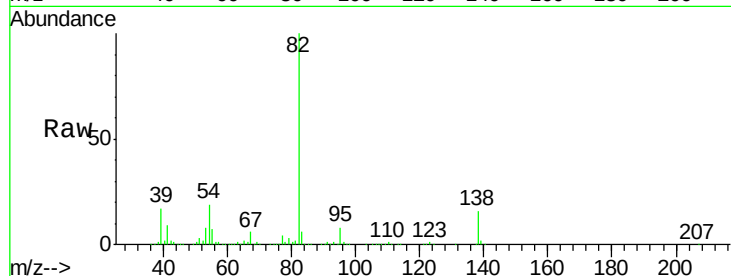
82 100

95 7.8 6.6 10.0

138 16.0 13.6 20.4

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#26

2-Nitrophenol

Concen: 43.52 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

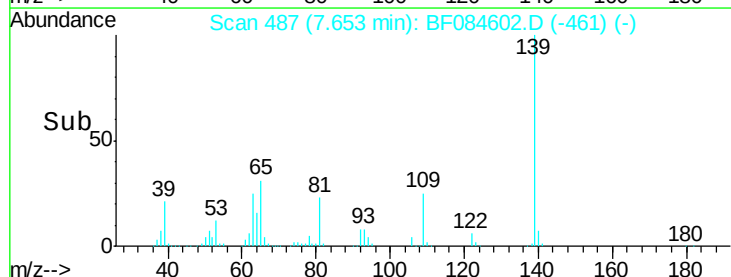
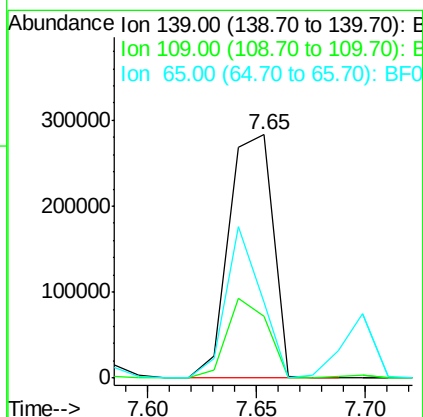
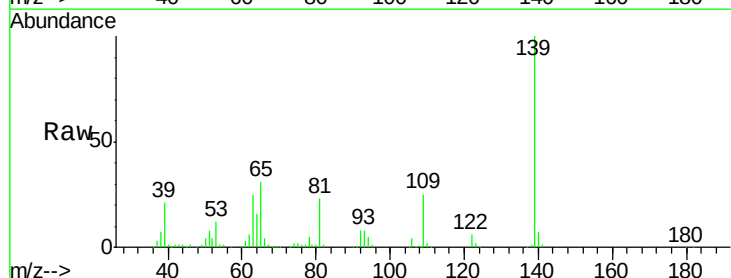
Tgt Ion: 139 Resp: 397214

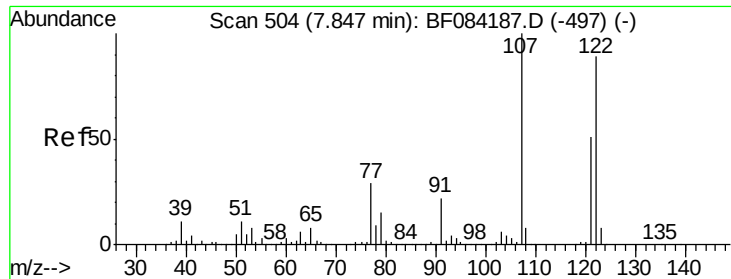
Ion Ratio Lower Upper

139 100

109 25.5 25.4 38.2

65 31.2 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 39.19 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

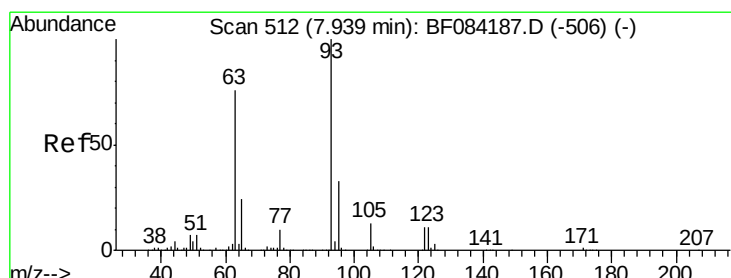
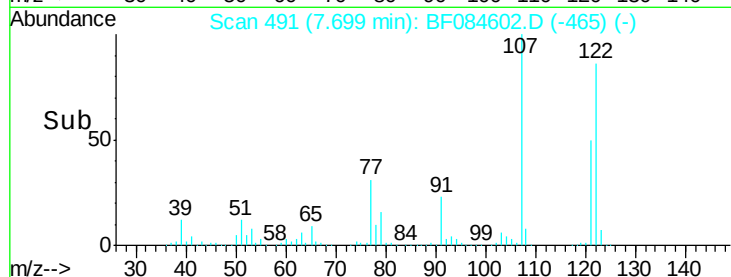
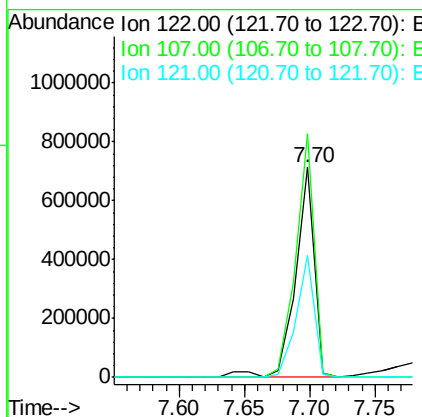
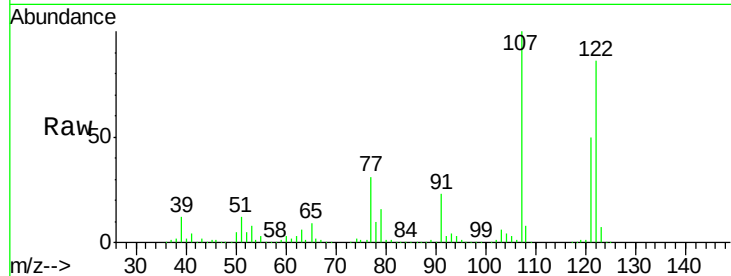
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	724096
Ion Ratio	Lower	Upper	
122	100		
107	115.9	99.1	148.7
121	58.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 39.54 ng

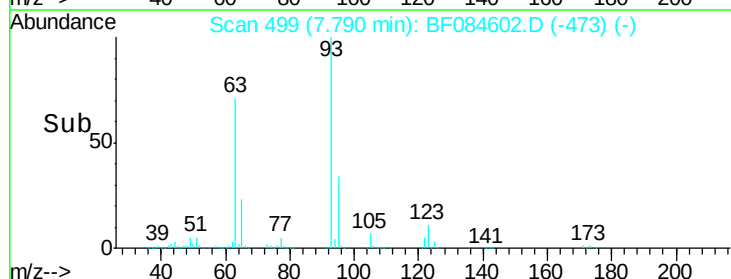
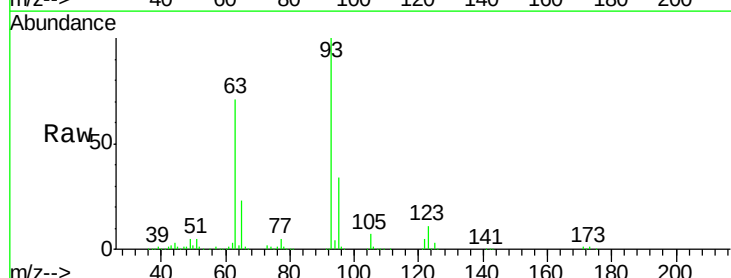
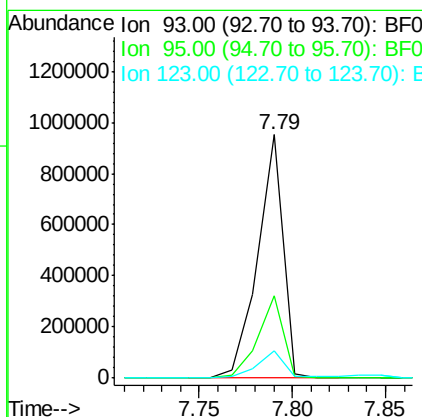
RT: 7.79 min Scan# 499

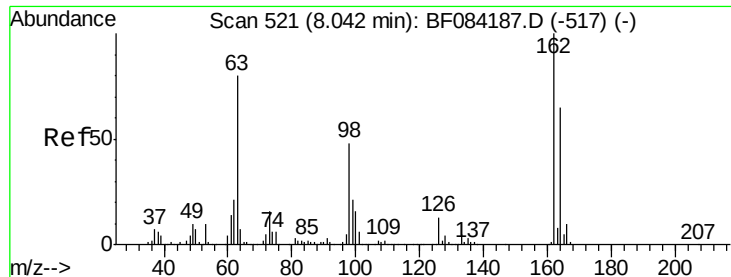
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	93	Resp:	913382
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.8	38.6
123	11.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 37.81 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

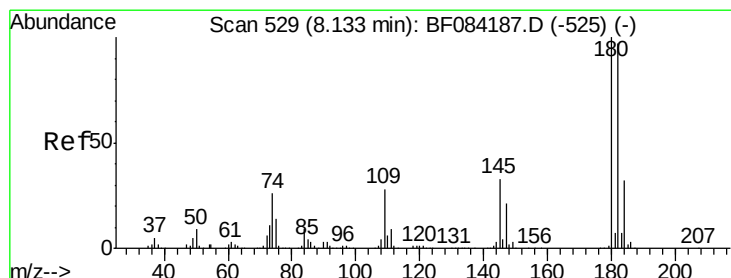
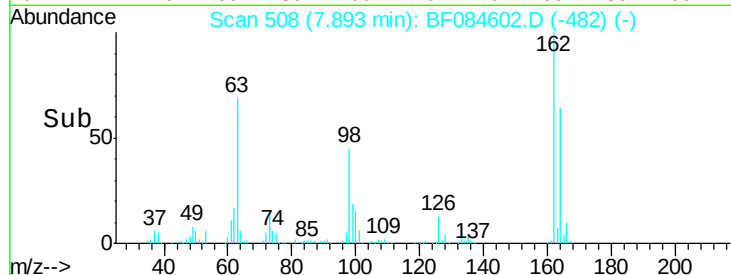
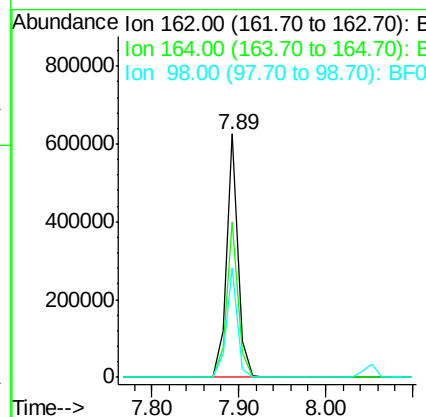
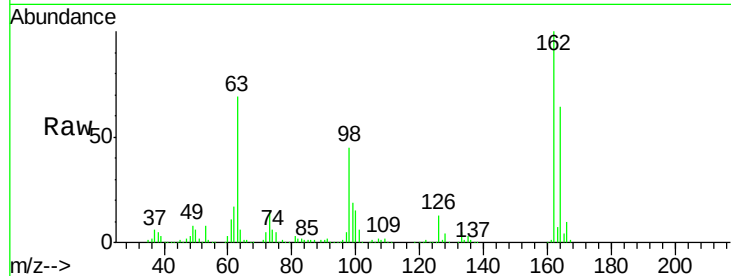
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	581905
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.1	84.1
98	44.6	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 41.14 ng

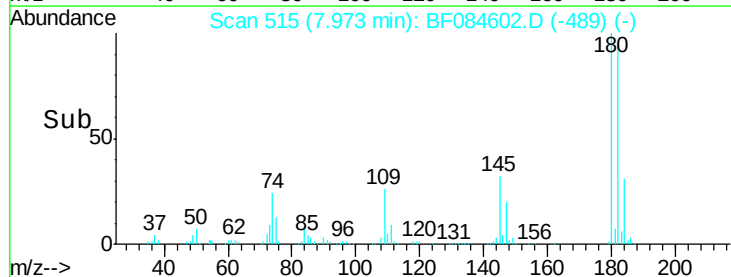
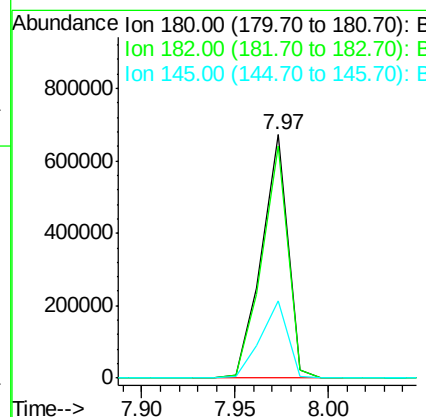
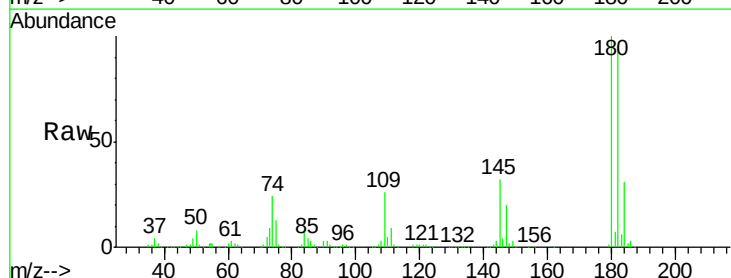
RT: 7.97 min Scan# 515

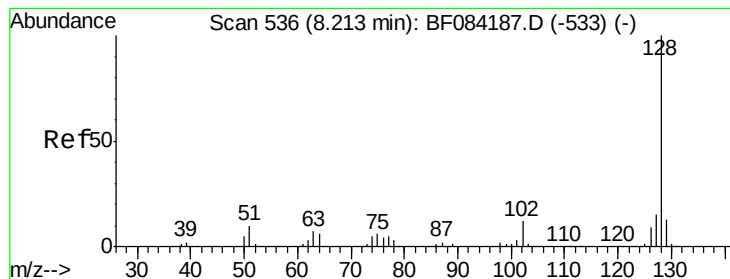
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	180	Resp:	653740
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	31.6	31.6	47.4#





#31

Naphthalene

Concen: 41.97 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

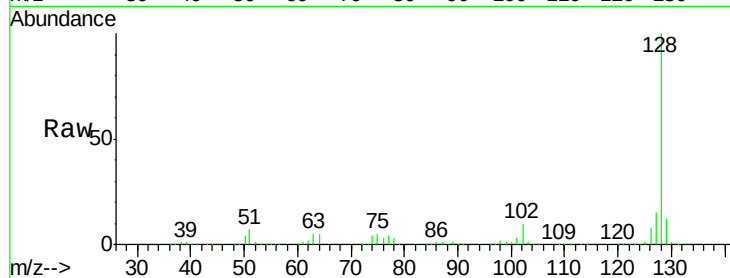
ClientSampleId :

SSTDCCC040

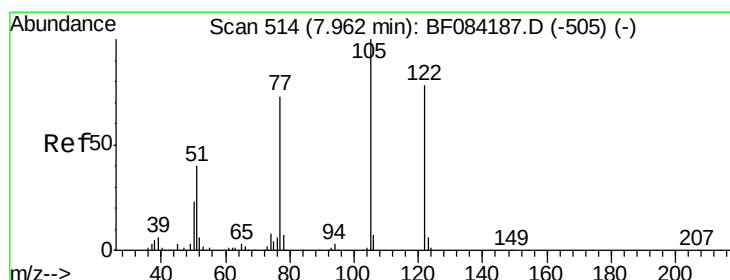
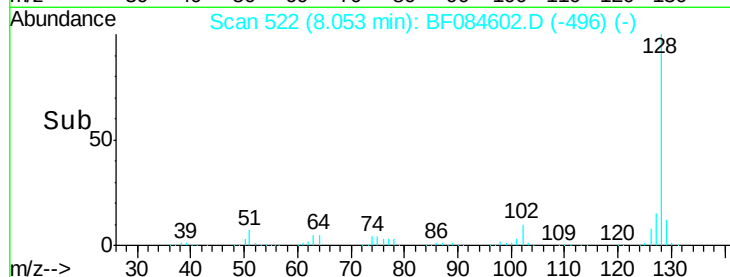
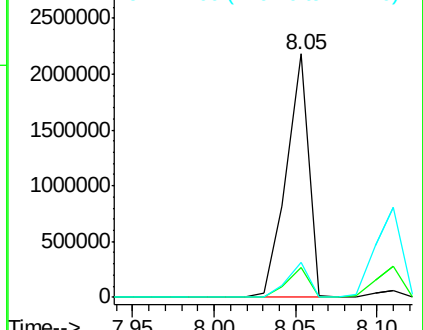
Tot Ion:128	Resp: 2095736
Ion Ratio	Lower Upper
128 100	
129 12.1	9.1 13.7
127 14.6	11.1 16.7

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



#32

Benzoic acid

Concen: 42.48 ng

RT: 7.85 min Scan# 504

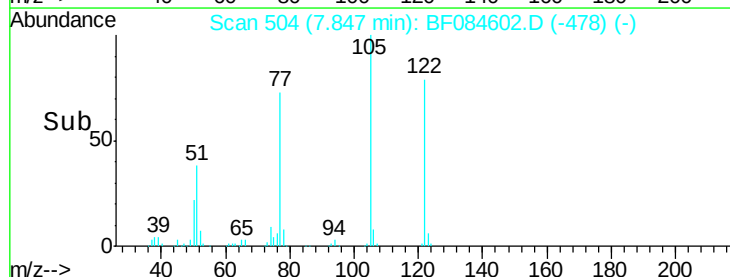
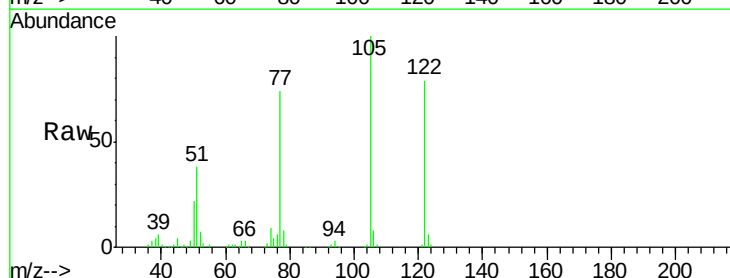
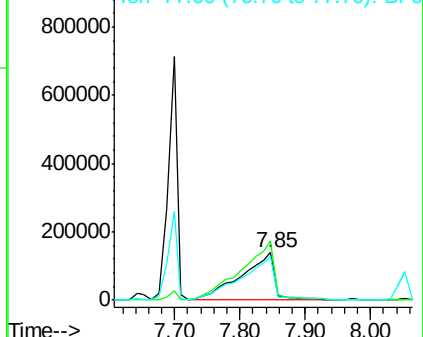
Delta R.T. 0.00 min

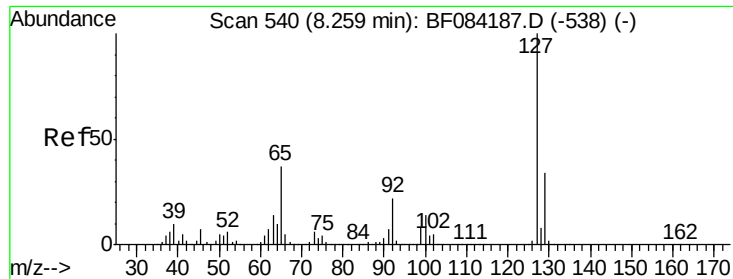
Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:122	Resp: 495111
Ion Ratio	Lower Upper
122 100	
105 125.8	100.3 140.3
77 92.7	63.5 103.5

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





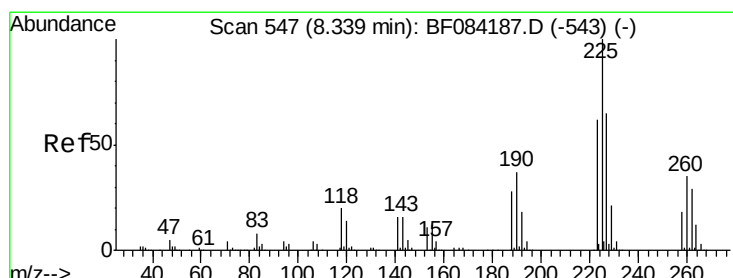
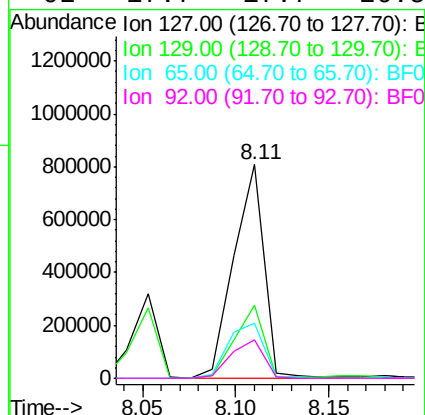
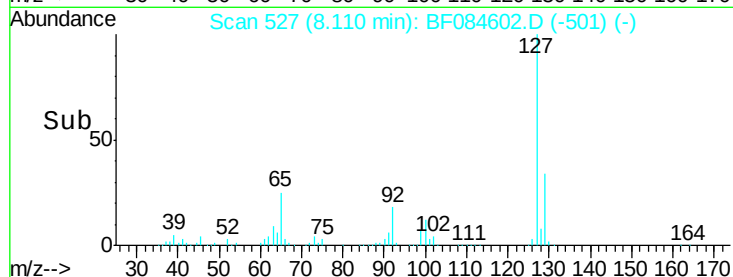
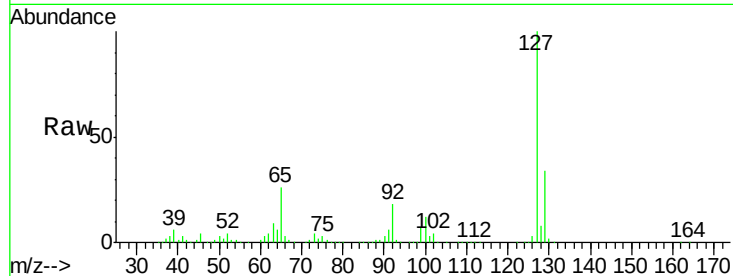
#33
4-Chloroaniline
Concen: 40.17 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	26.5	39.7		
65	25.5	27.2	40.8		
92	17.7	17.7	26.5		

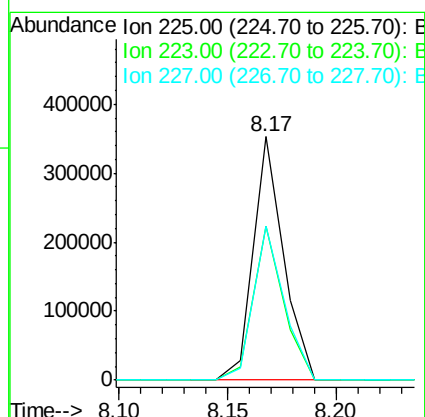
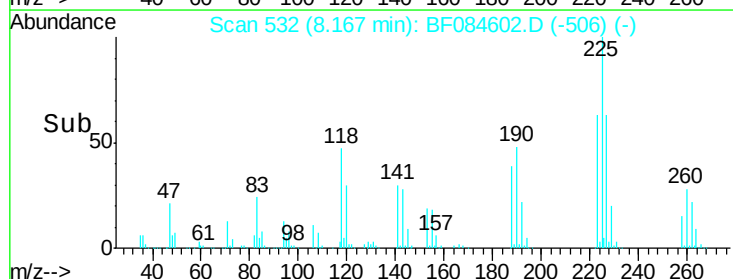
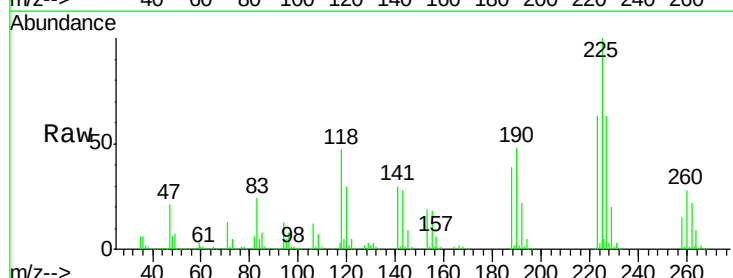
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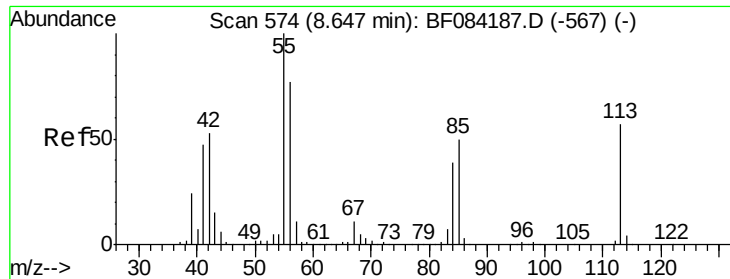
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#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	49.4	74.0		
227	63.2	50.8	76.2		





#35

Caprolactam

Concen: 38.88 ng

RT: 8.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 201707
Ion Ratio Lower Upper

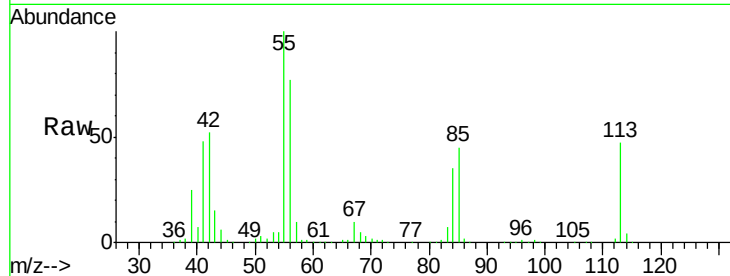
113 100

55 211.0 116.9 156.9#

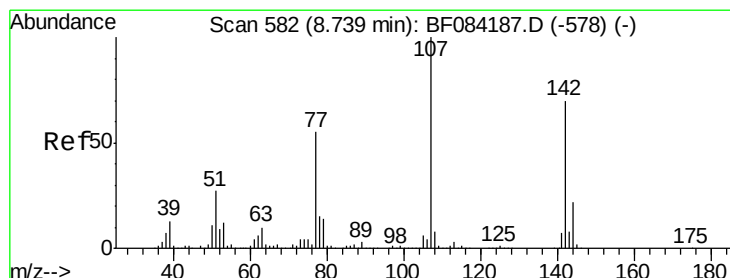
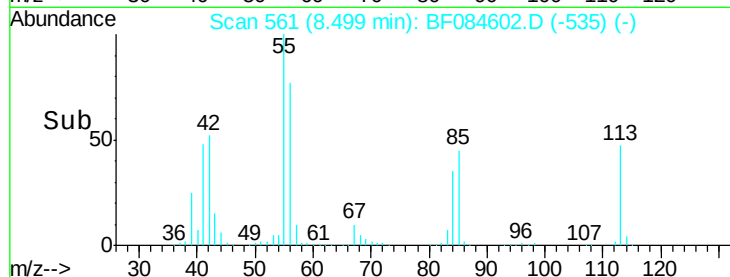
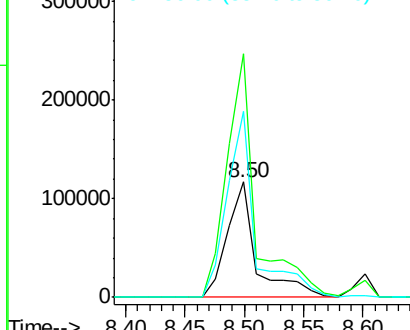
56 161.5 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.26 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF084602.D

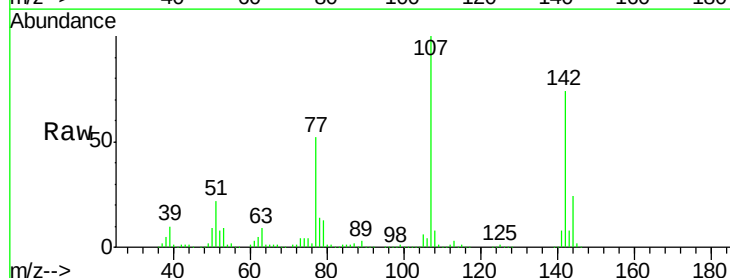
Acq: 25 Jan 2016 12:33

Tgt Ion:107 Resp: 728522
Ion Ratio Lower Upper

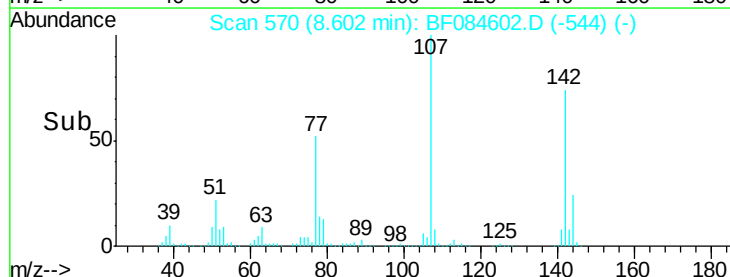
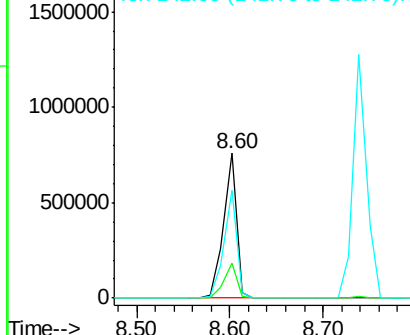
107 100

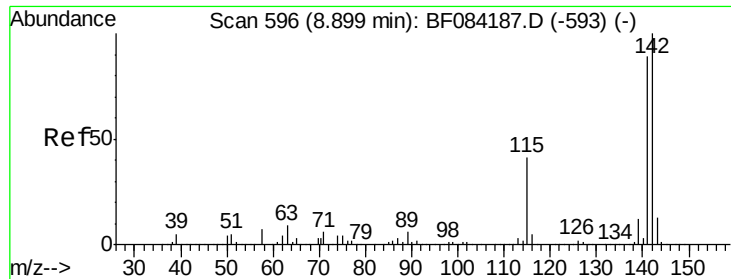
144 24.2 19.7 29.5

142 74.2 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





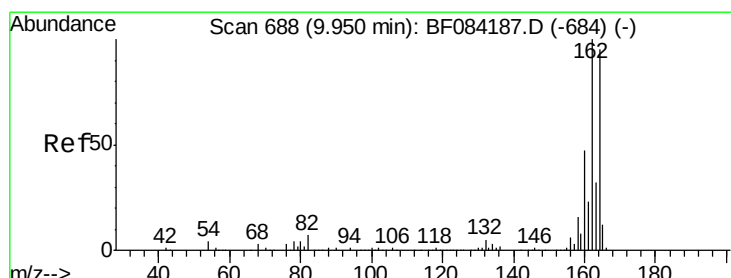
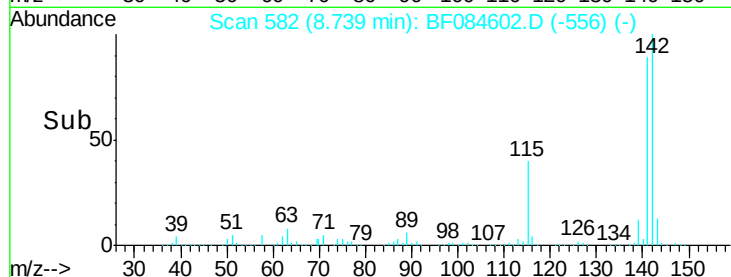
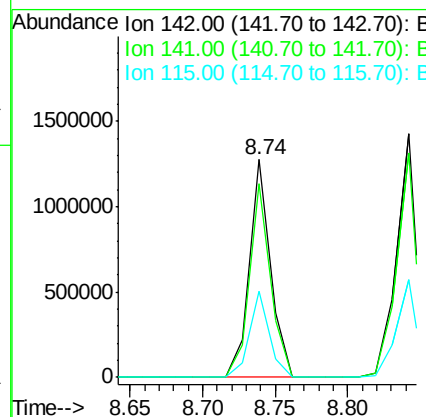
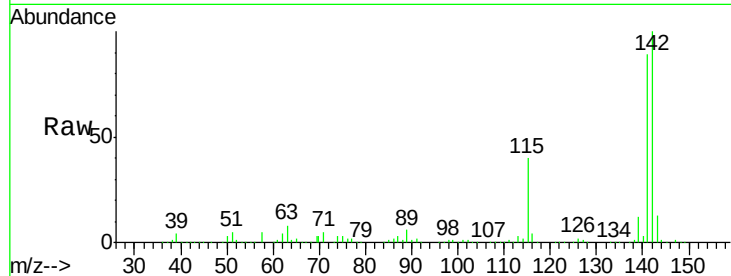
#37
2-Methylnaphthalene
Concen: 35.85 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1284941
Ion Ratio Lower Upper
142 100
141 89.2 72.4 108.6
115 39.8 27.9 41.9

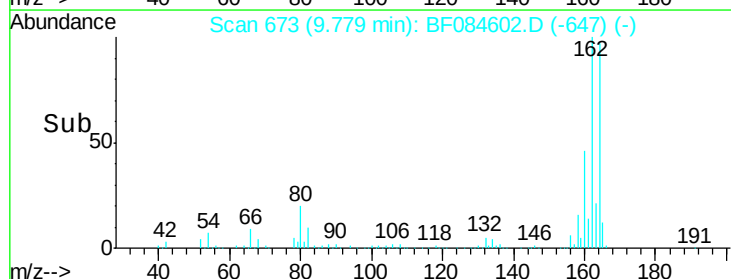
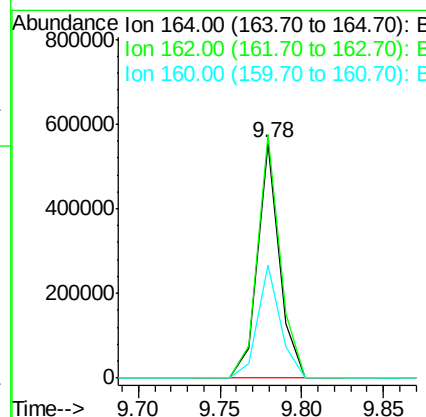
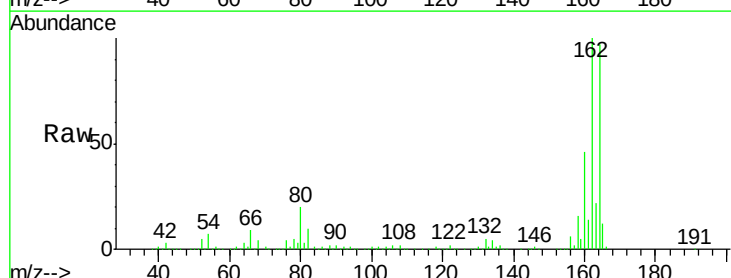
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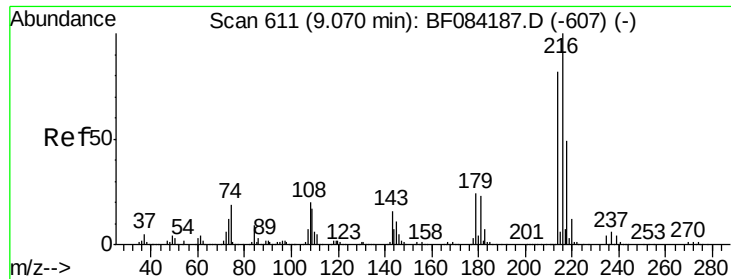
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion:164 Resp: 519624
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 48.0 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.73 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

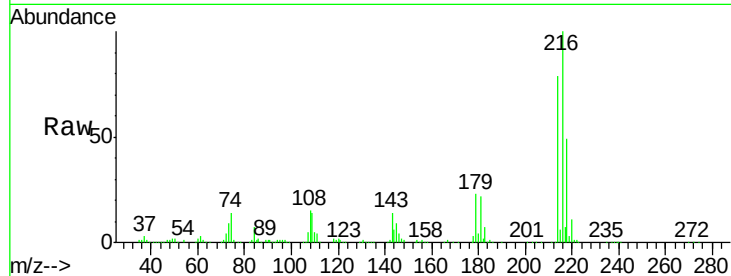
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		638362		
214	79.9		64.2	96.2	
179	24.1		18.7	28.1	
108	20.7		16.8	25.2	

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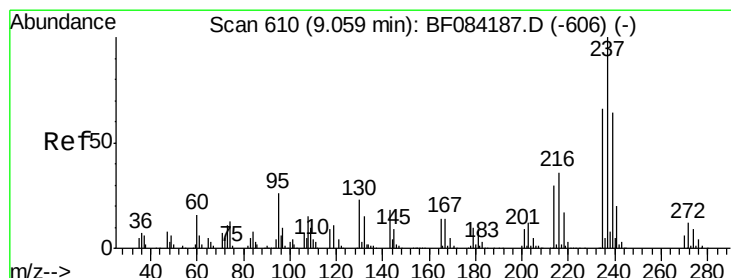
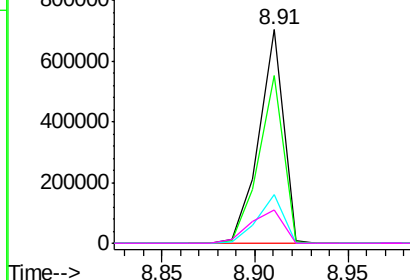
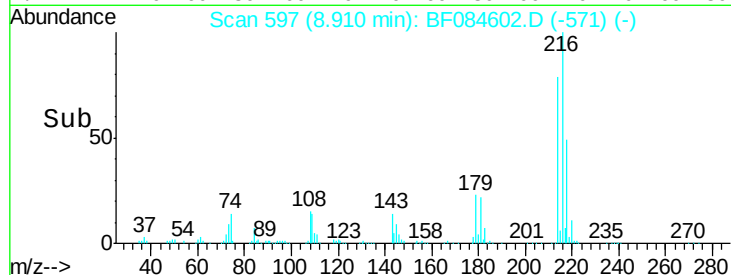


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.92 ng

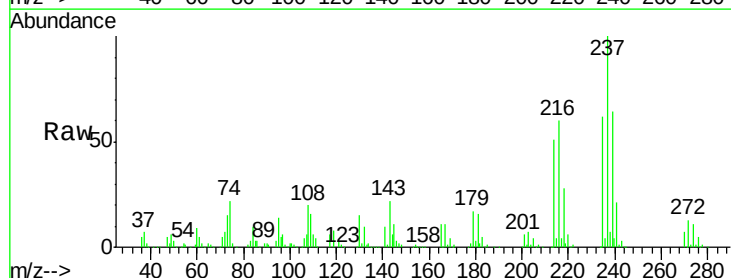
RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

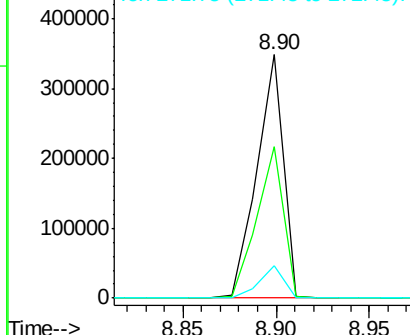
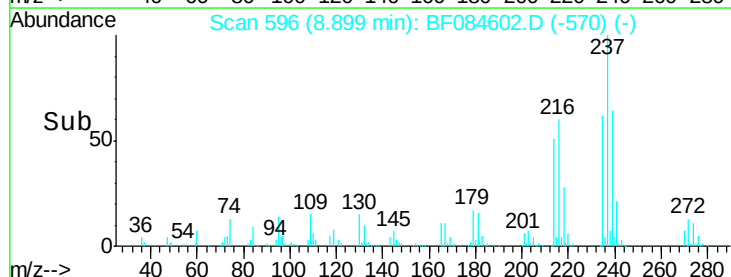
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		341969		
235	62.3		43.1	83.1	
272	13.1		0.0	35.1	

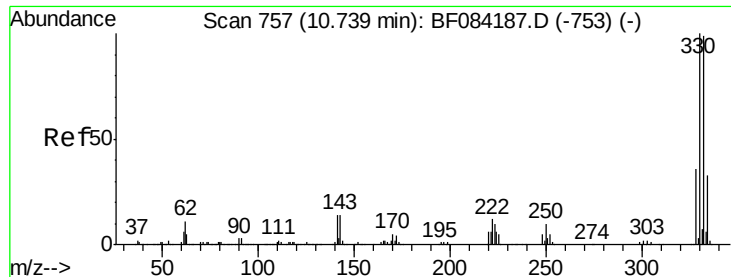


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





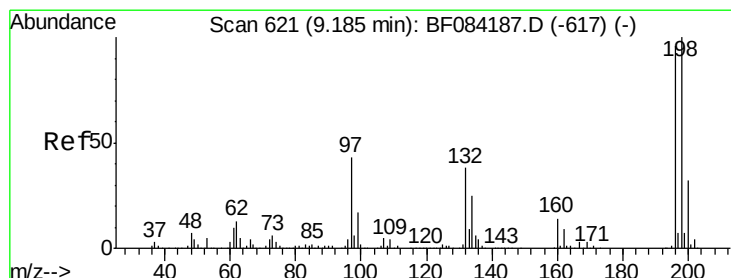
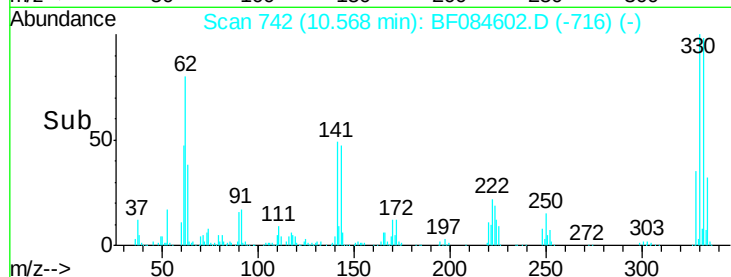
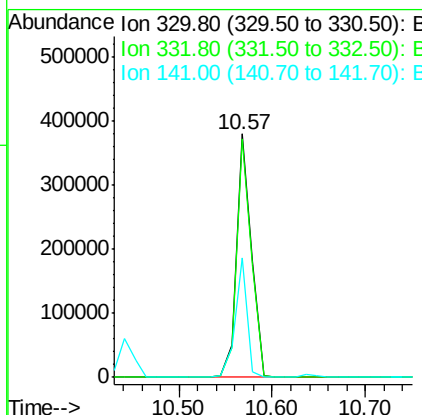
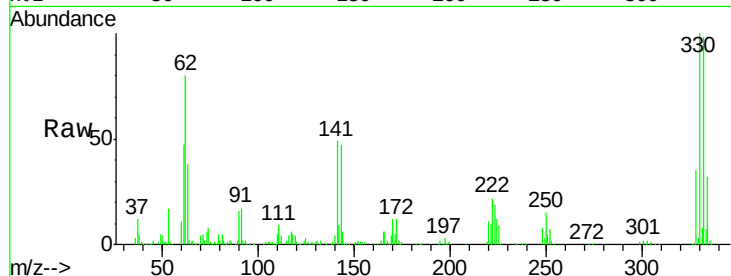
#41
 2,4,6-Tribromophenol
 Concen: 80.86 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	424204		
332	97.2	76.6	114.8	
141	39.8	27.8	41.6	

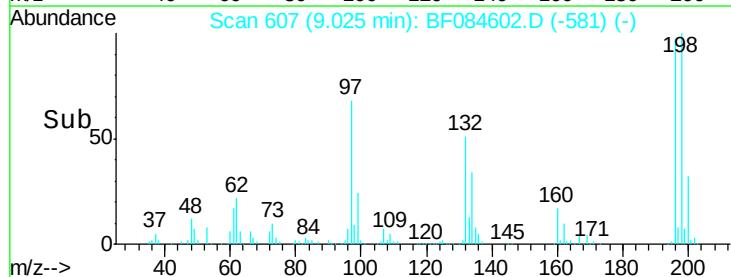
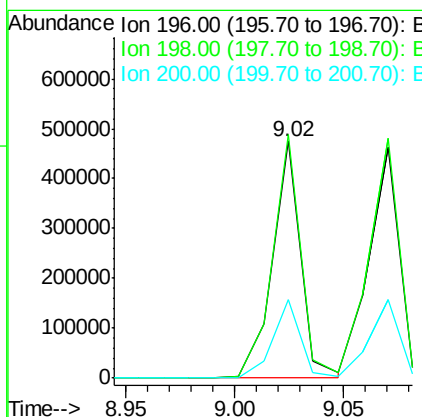
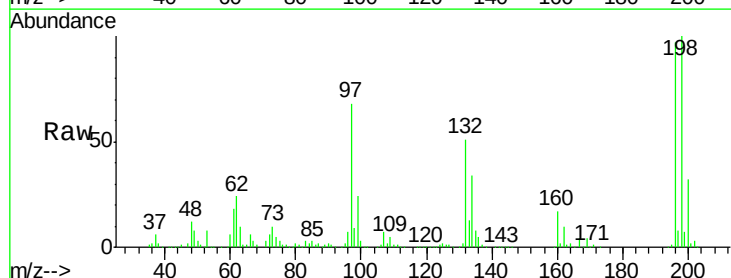
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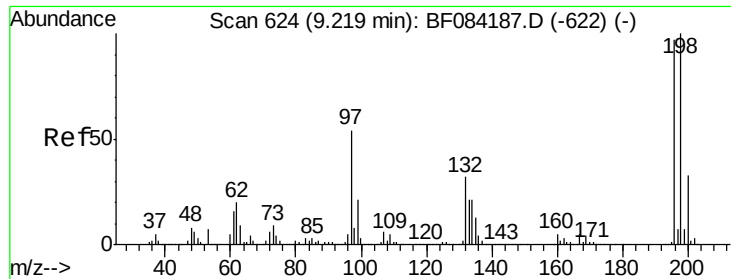
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#42
 2,4,6-Trichlorophenol
 Concen: 38.92 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435014		
198	102.8	77.7	116.5	
200	33.0	24.6	37.0	





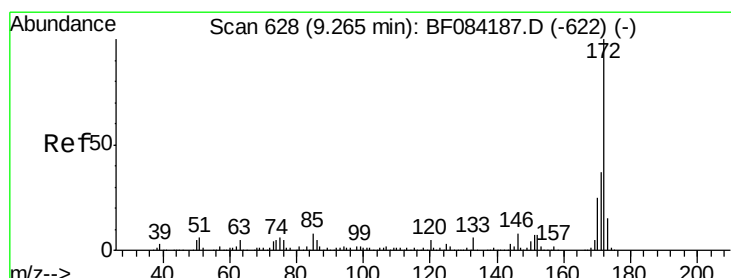
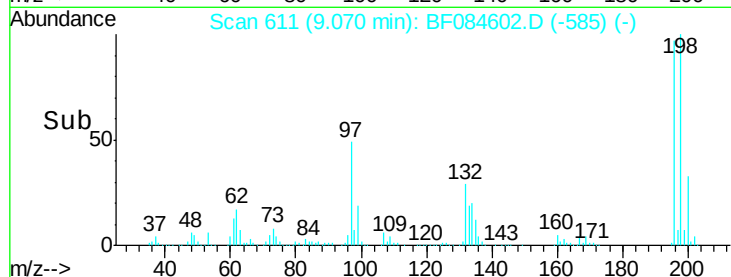
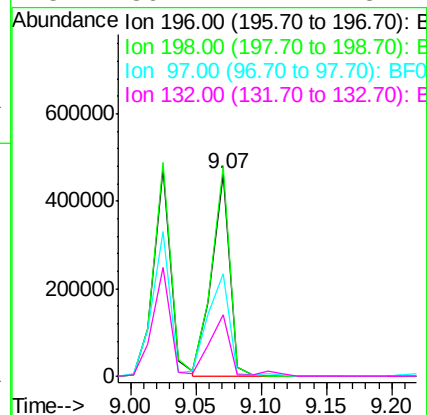
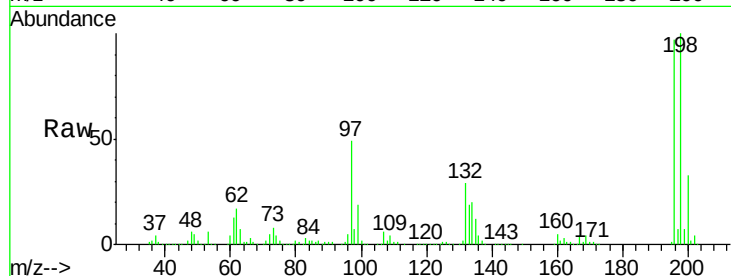
#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	449033		
198	103.5	79.0	118.6	
97	50.3	33.0	49.6	
132	30.2	21.1	31.7	

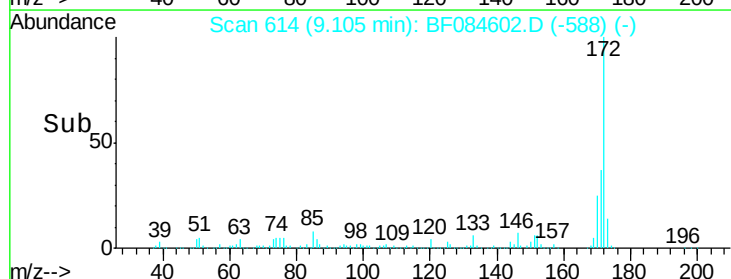
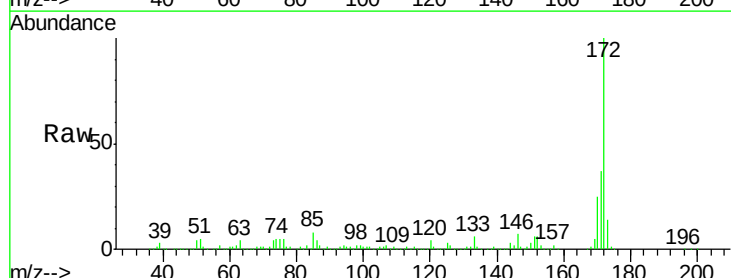
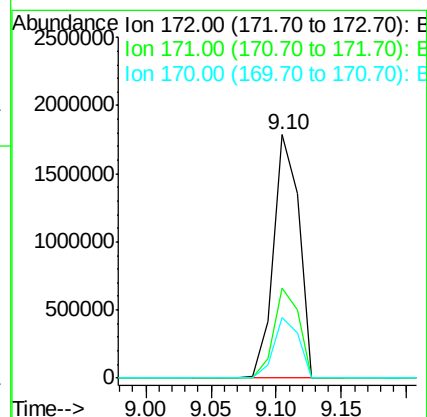
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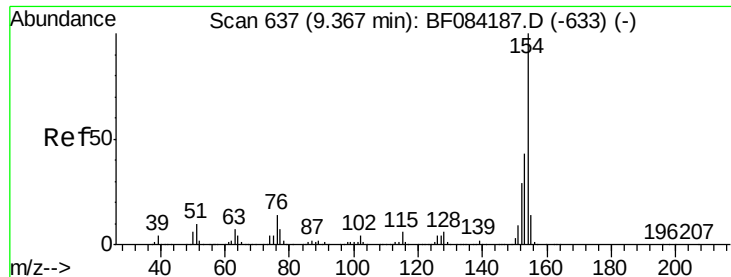
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.84 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2451796		
171	36.9	28.9	43.3	
170	25.0	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 39.39 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1626893

Ion Ratio Lower Upper

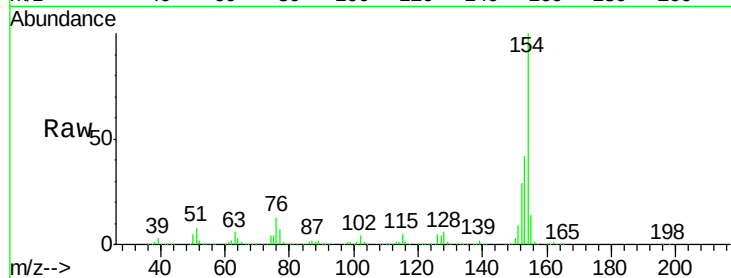
154 100

153 42.3 21.6 61.6

76 12.7 0.0 32.7

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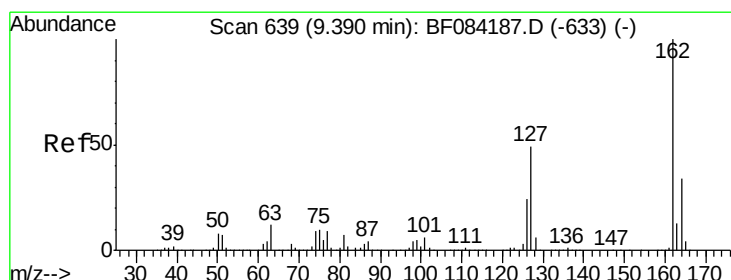
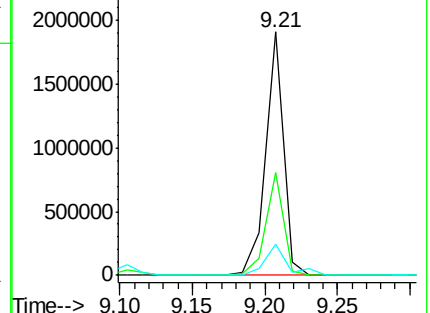
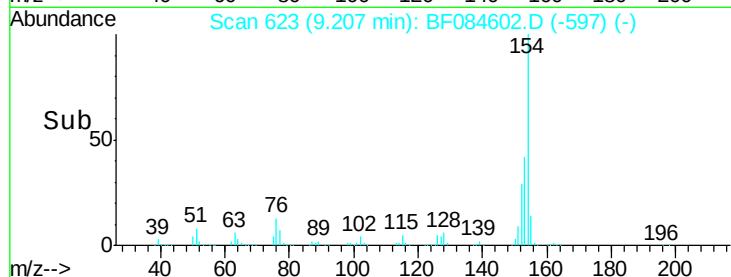
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.72 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

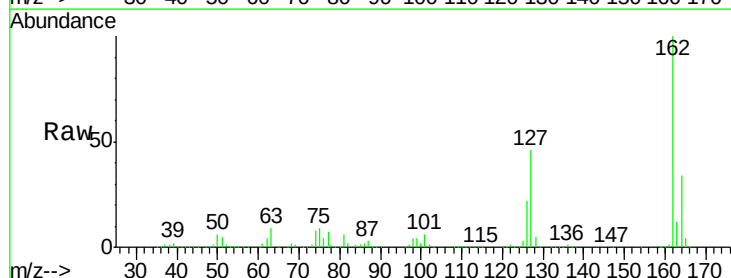
Tgt Ion:162 Resp: 1256000

Ion Ratio Lower Upper

162 100

127 45.7 40.2 60.4

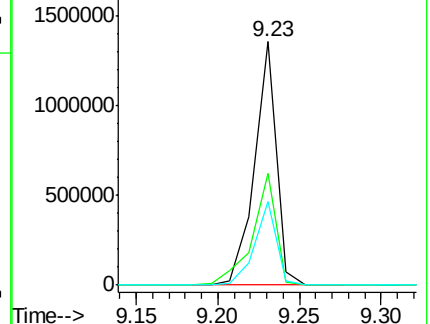
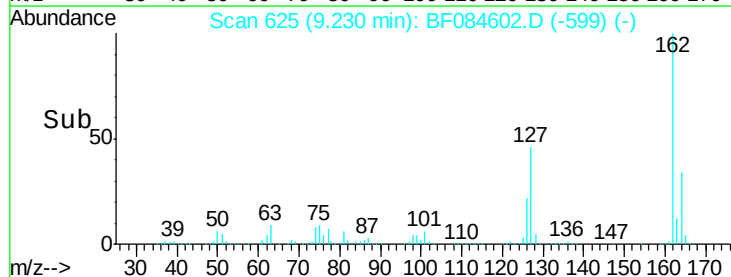
164 34.4 25.7 38.5

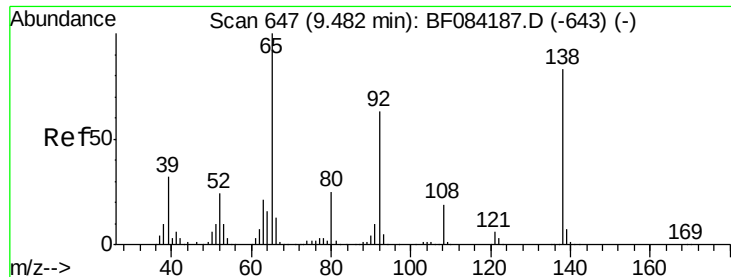


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





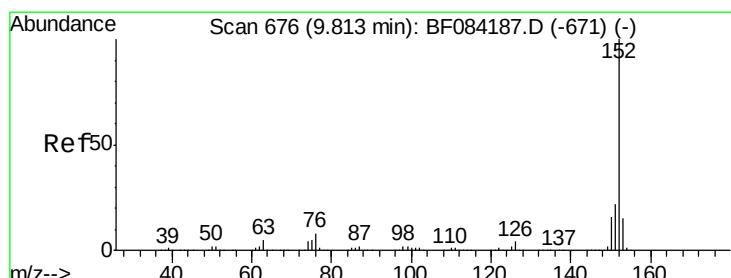
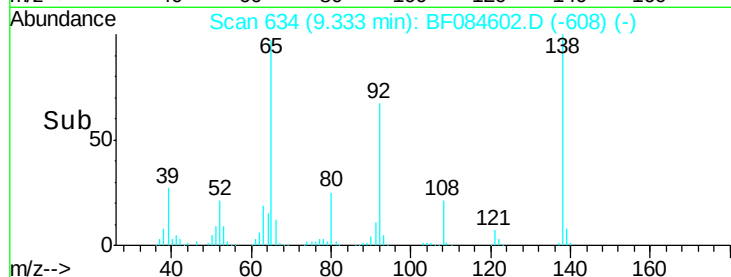
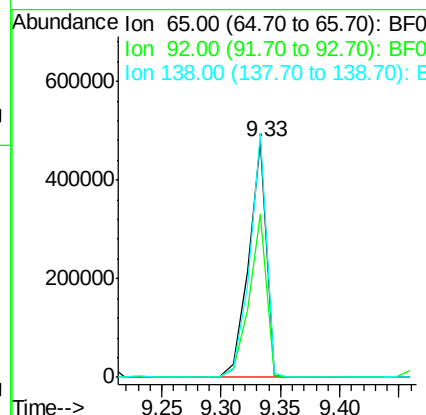
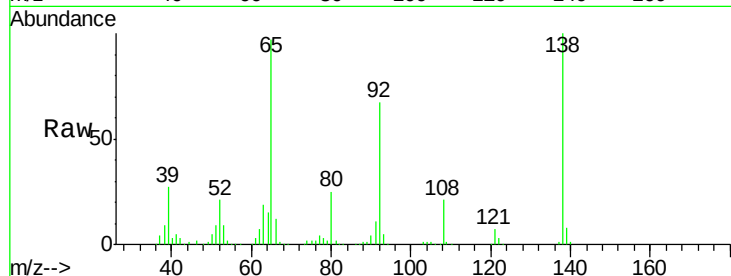
#47
2-Nitroaniline
Concen: 46.60 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.4	80.2
138	103.2	71.1	106.7

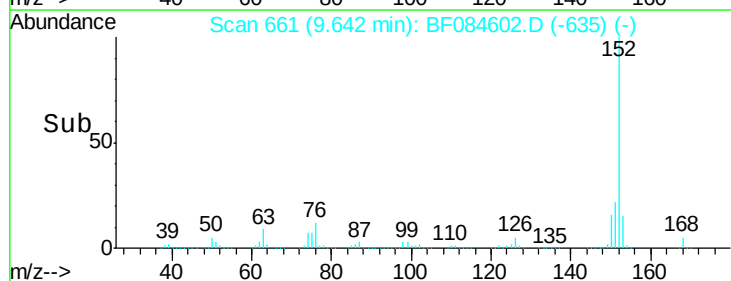
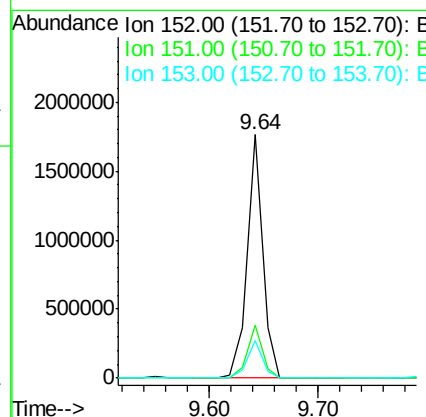
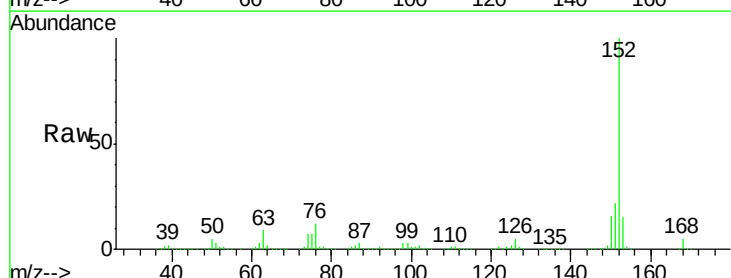
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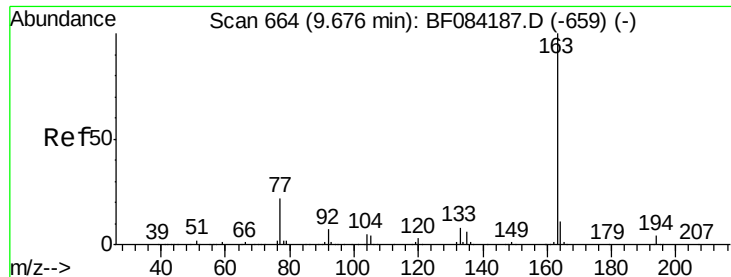
mohammad
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#48
Acenaphthylene
Concen: 36.05 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	15.2	10.4	15.6





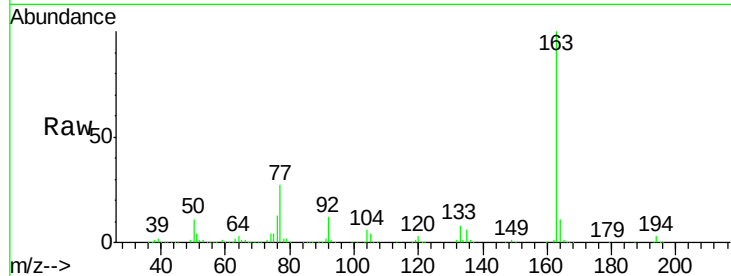
#49
Dimethylphthalate
Concen: 39.23 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

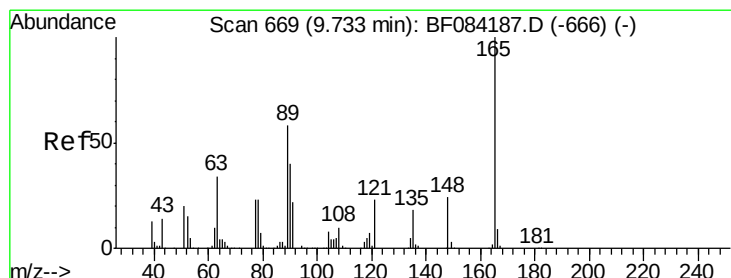
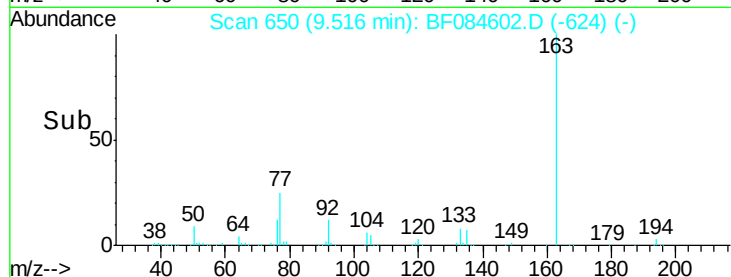
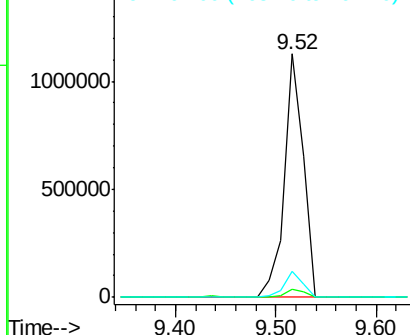
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.8	8.0	12.0

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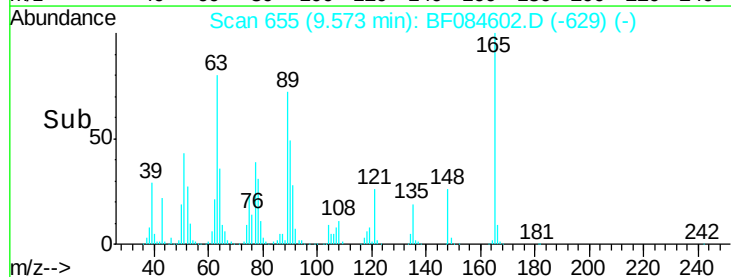
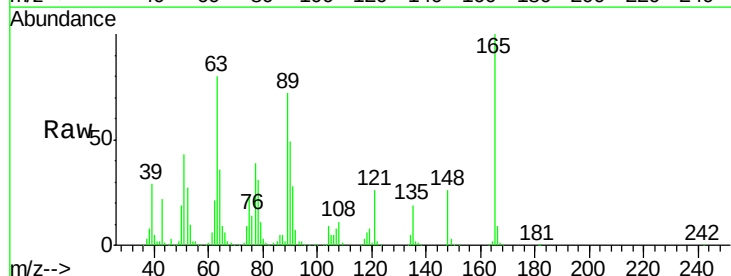
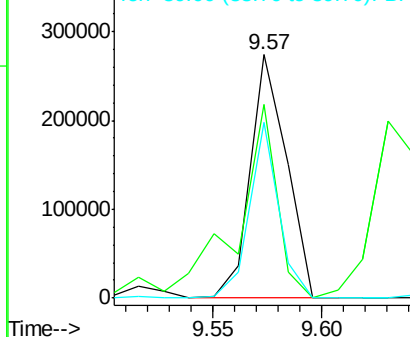
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

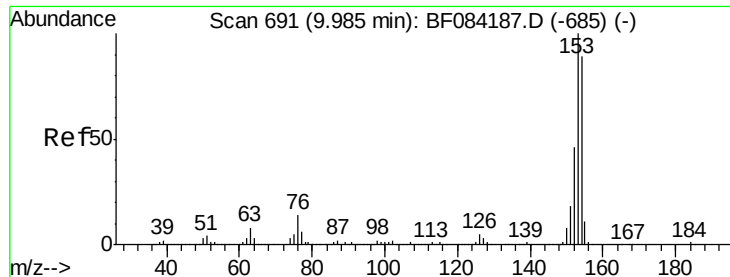


#50
2,6-Dinitrotoluene
Concen: 38.92 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.5	28.8	43.2#
89	72.1	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: 39.92 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1283207

Ion Ratio Lower Upper

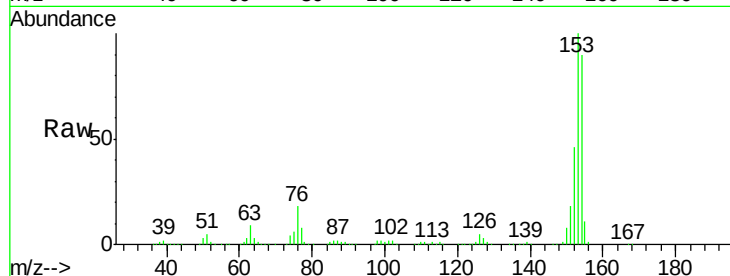
154 100

153 111.6 91.5 137.3

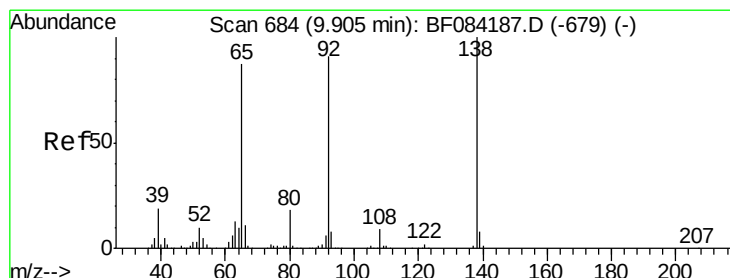
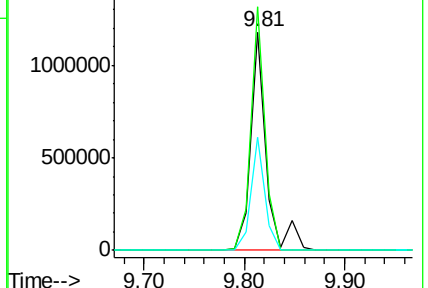
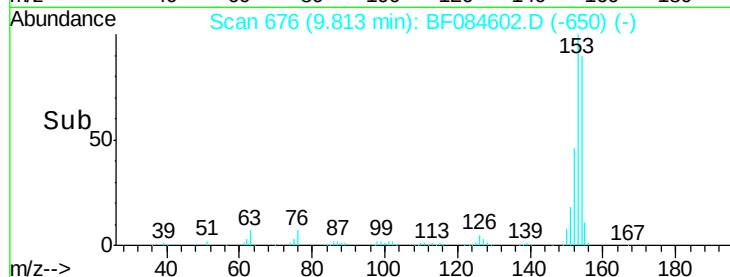
152 51.8 43.0 64.6

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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: 35.97 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

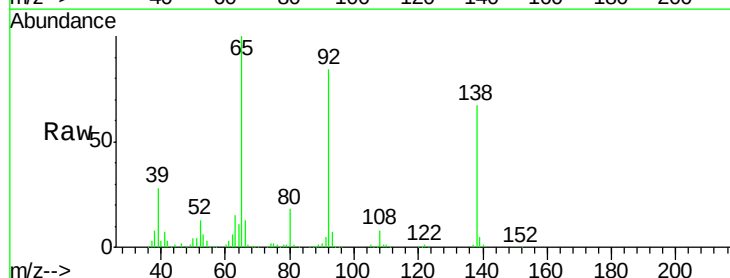
Tgt Ion:138 Resp: 363118

Ion Ratio Lower Upper

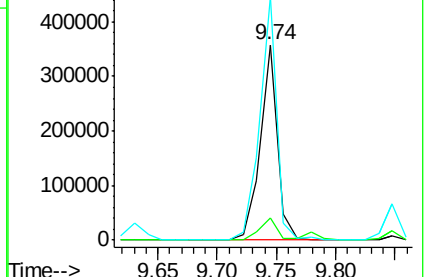
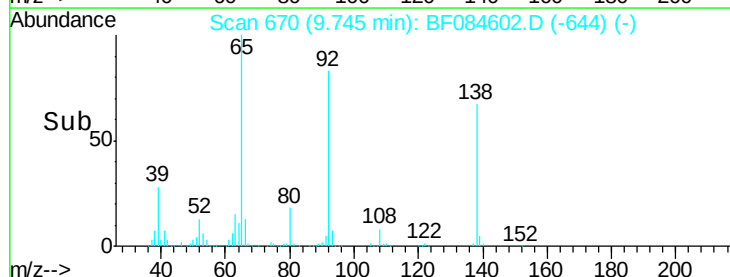
138 100

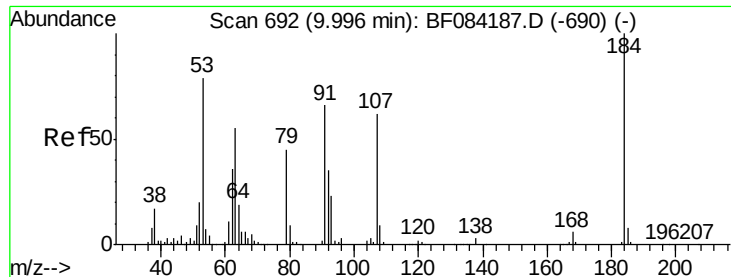
108 11.5 10.5 15.7

92 124.7 103.9 155.9



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





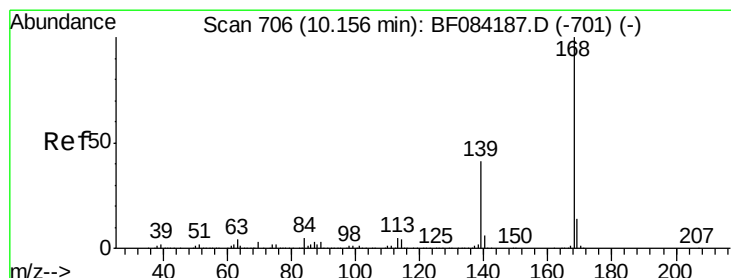
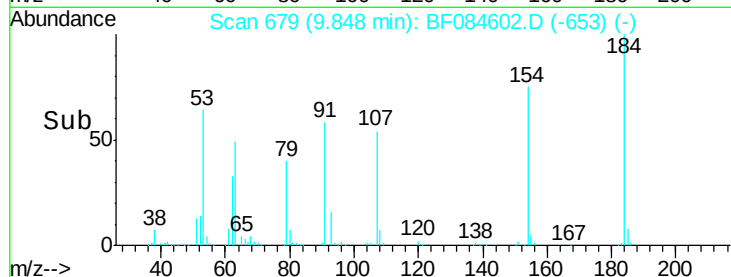
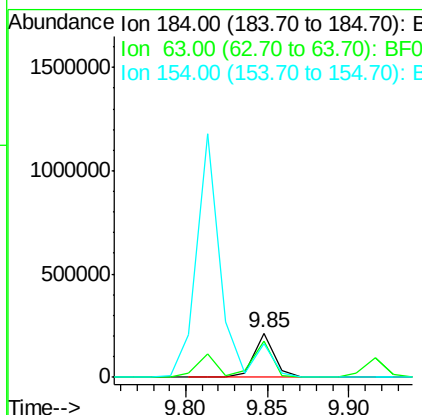
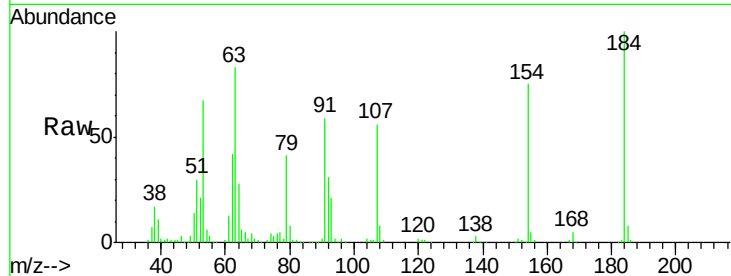
#53
2,4-Dinitrophenol
Concen: 56.28 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.6	43.1	64.7#
154	75.5	60.5	90.7

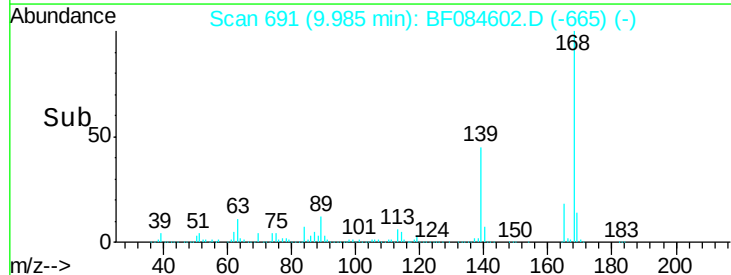
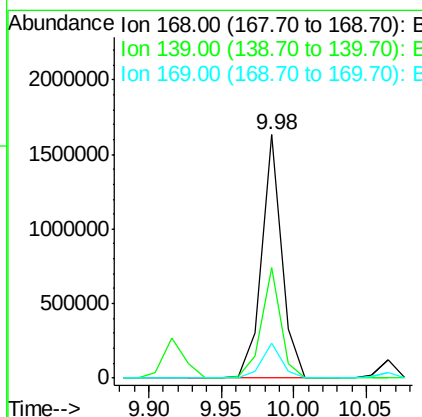
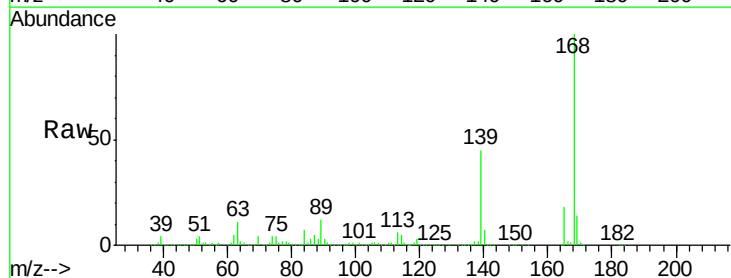
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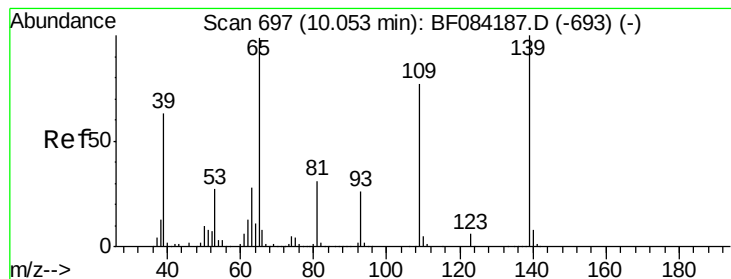
mohammad
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#54
Dibenzofuran
Concen: 37.10 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.4	30.5	45.7
169	14.2	10.4	15.6





#55

4-Nitrophenol

Concen: 38.70 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

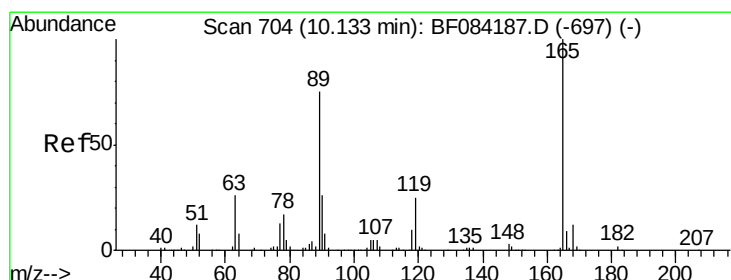
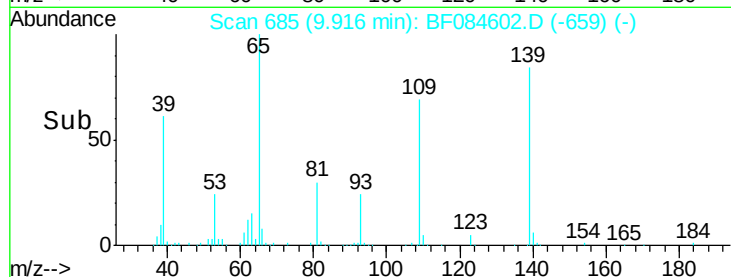
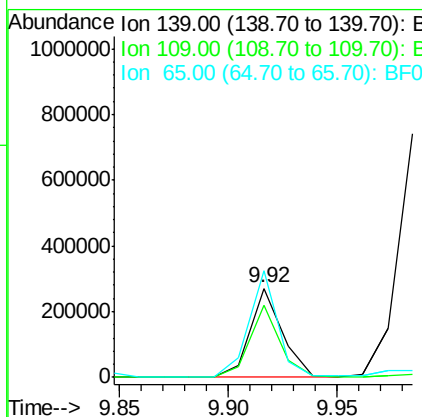
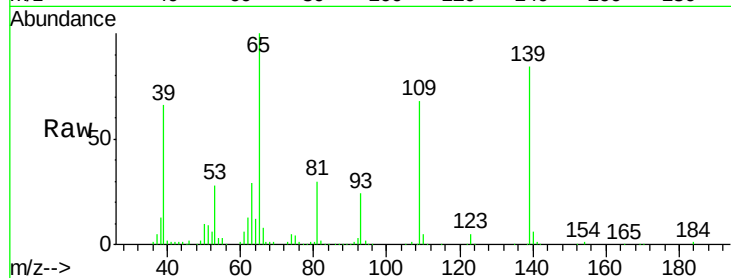
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	283626
Ion Ratio	Lower	Upper	
139	100		
109	81.6	58.5	98.5
65	119.3	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 44.24 ng

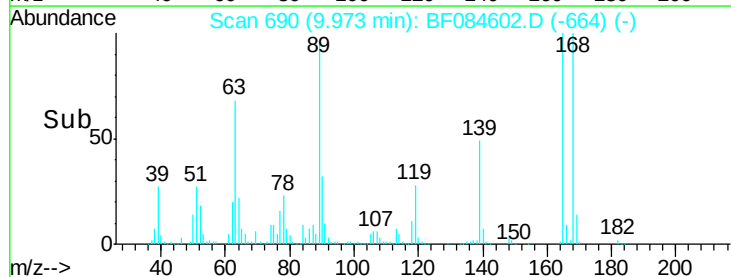
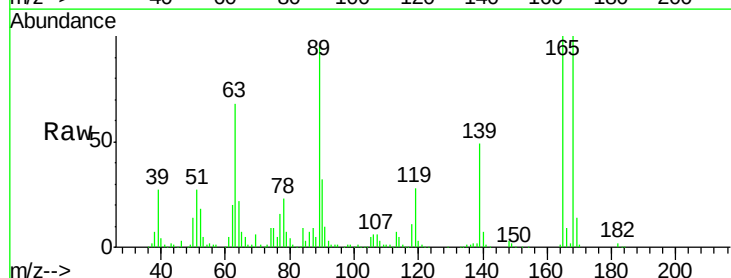
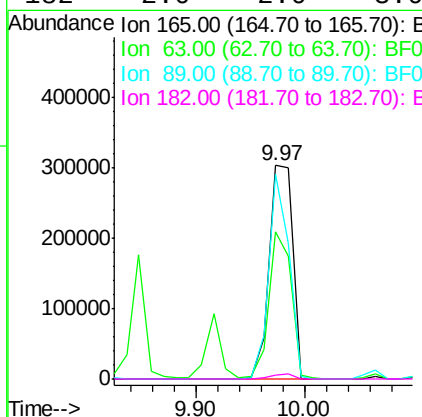
RT: 9.97 min Scan# 690

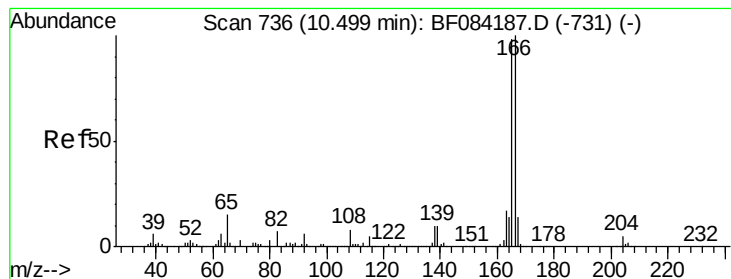
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	165	Resp:	456236
Ion Ratio	Lower	Upper	
165	100		
63	68.7	36.7	55.1#
89	95.8	61.9	92.9#
182	2.0	2.0	3.0





#57

Fluorene

Concen: 38.98 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1265326

Ion Ratio Lower Upper

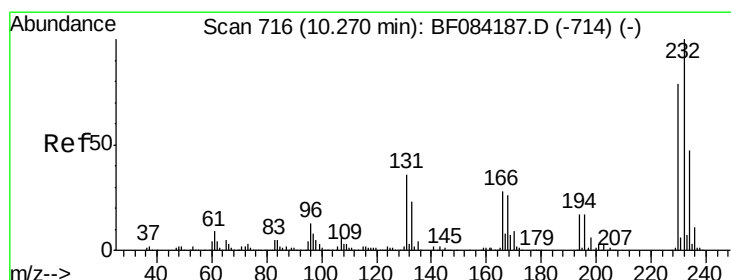
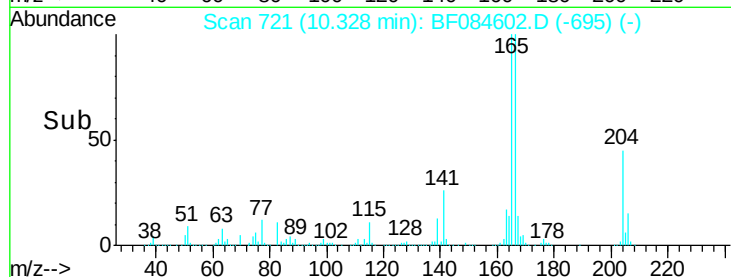
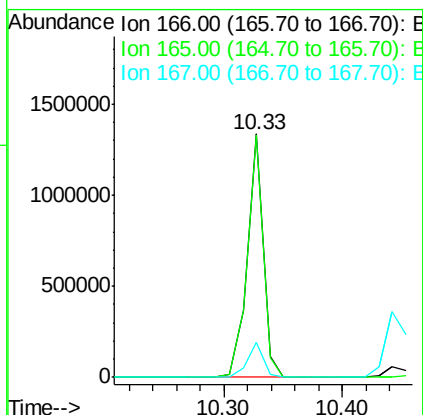
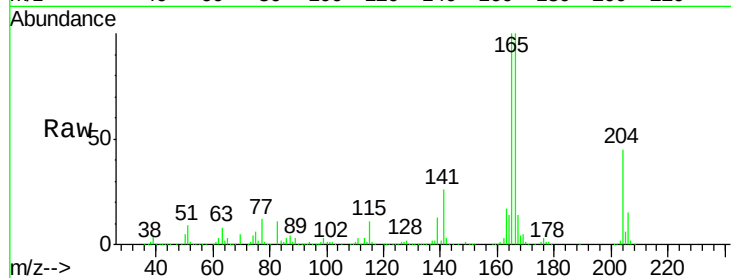
166 100

165 99.7 79.1 118.7

167 14.1 10.4 15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.44 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:232 Resp: 406474

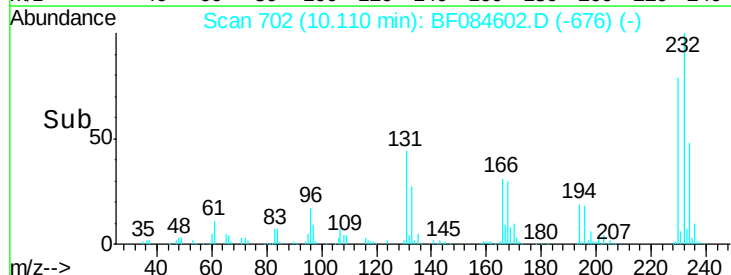
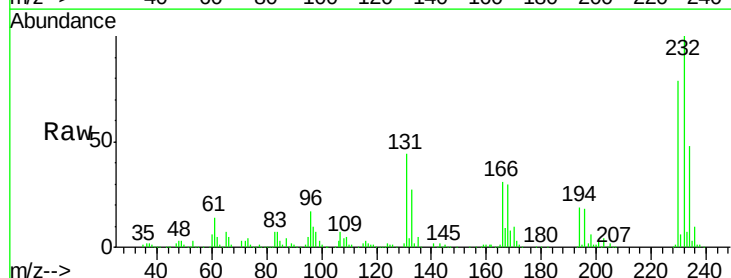
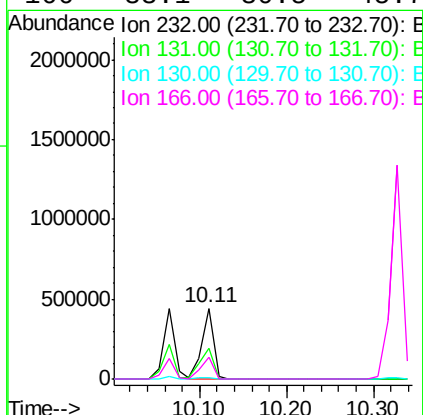
Ion Ratio Lower Upper

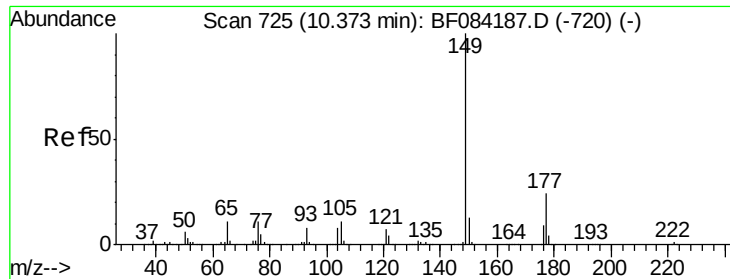
232 100

131 50.4 47.0 70.6

130 2.3 2.0 3.0

166 33.1 30.5 45.7





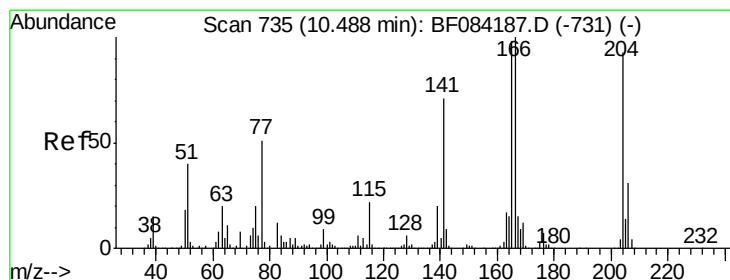
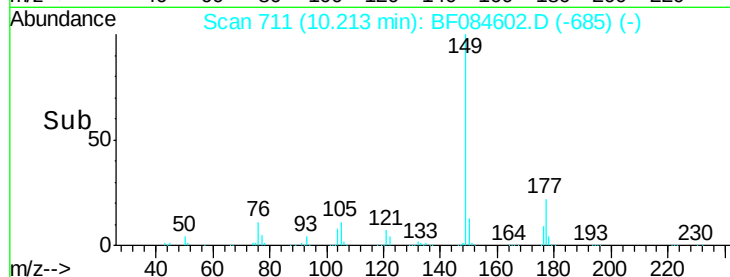
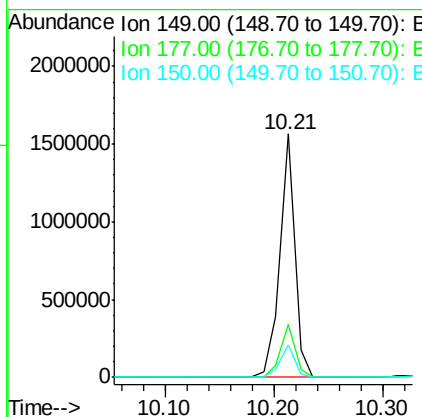
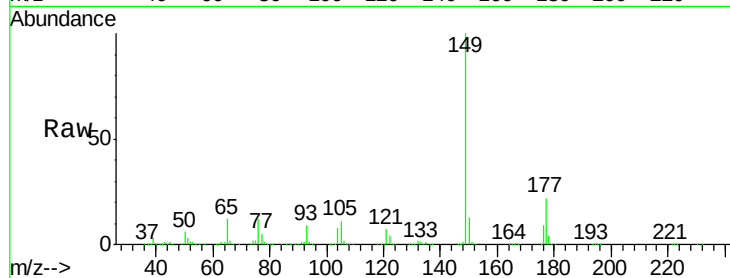
#59
Diethylphthalate
Concen: 40.66 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1489069
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.2 9.8 14.8

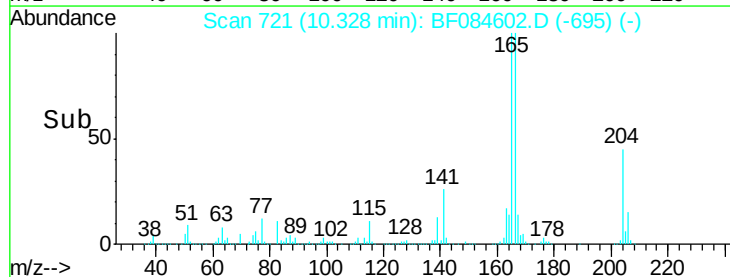
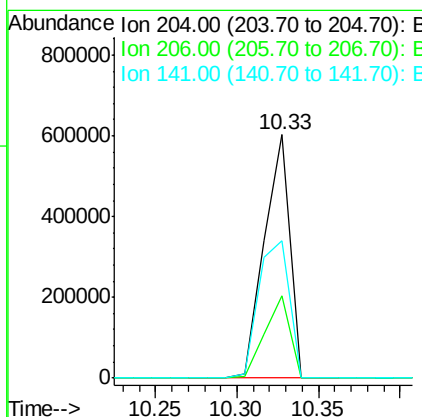
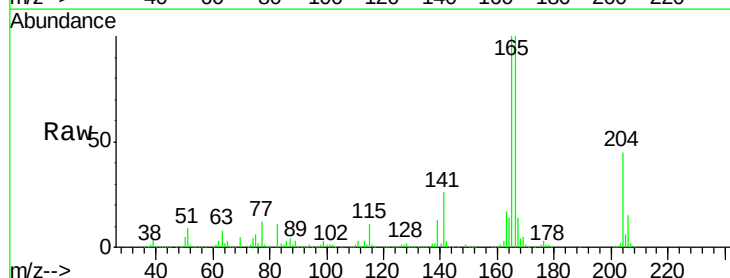
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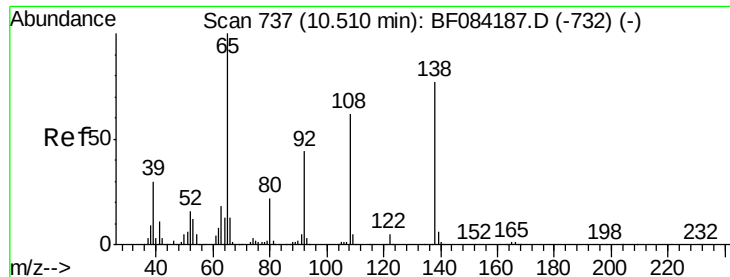
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 48.81 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion:204 Resp: 654005
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 56.7 55.1 82.7





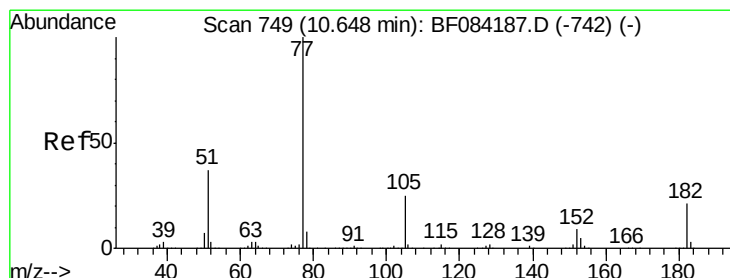
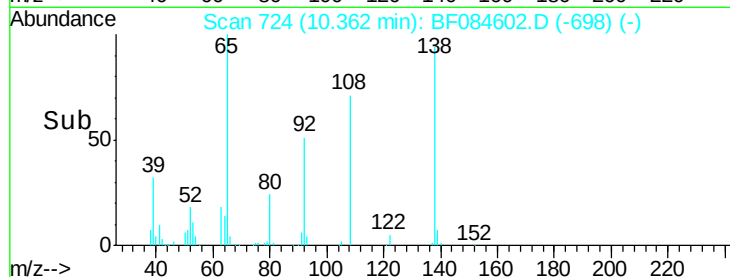
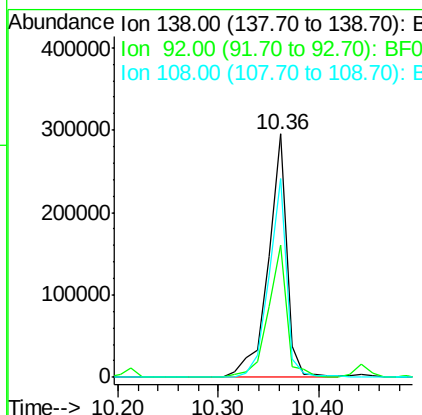
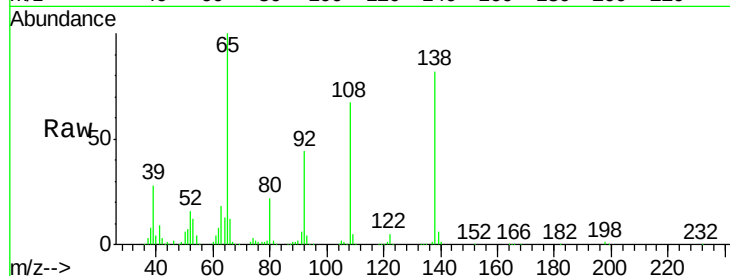
#61
4-Nitroaniline
Concen: 42.43 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	32.6	72.6
108	81.7	68.6	108.6

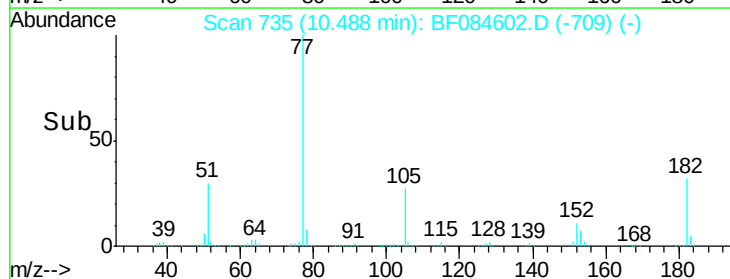
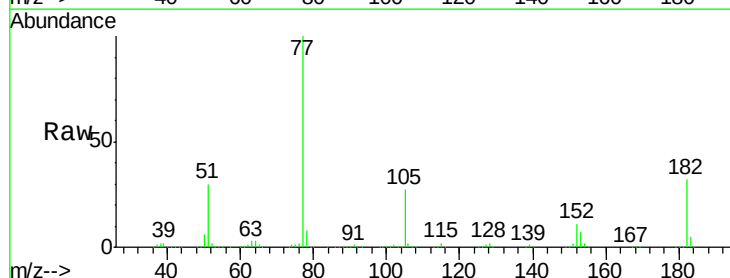
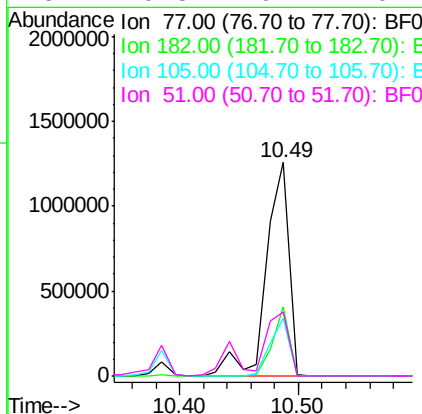
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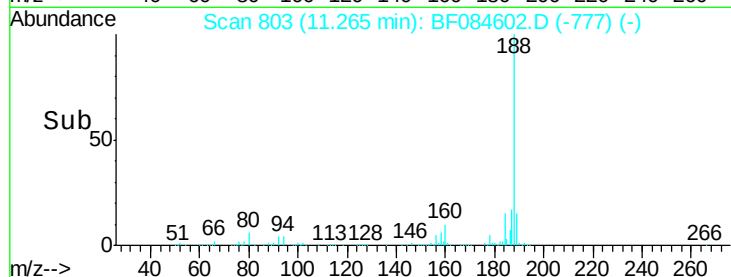
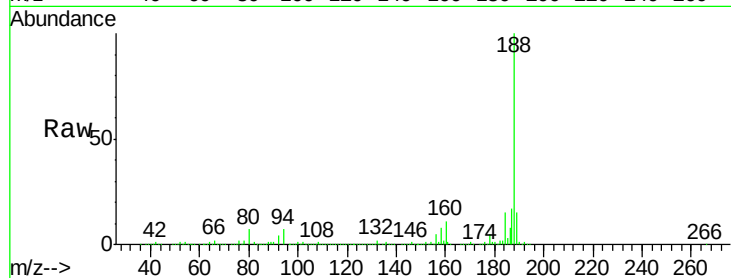
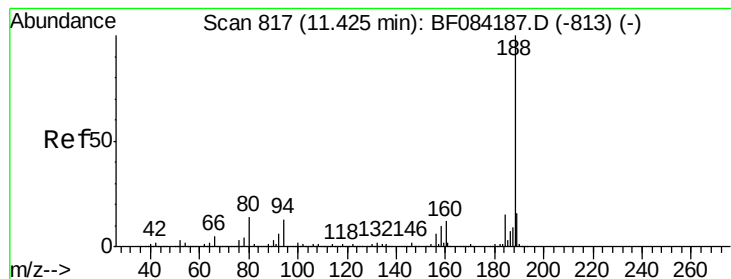
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#62
Azobenzene
Concen: 41.87 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.2	8.3	48.3
105	27.2	4.6	44.6
51	29.8	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: BF084602.D

Acq: 25 Jan 2016 12:33

Tot Ion:188 Resp: 1030390

Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.4#

80 6.7 9.6 14.4#

Instrument :

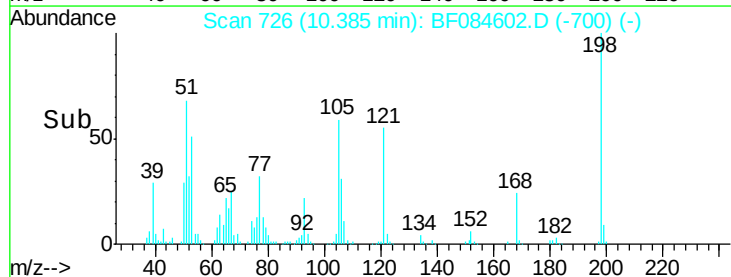
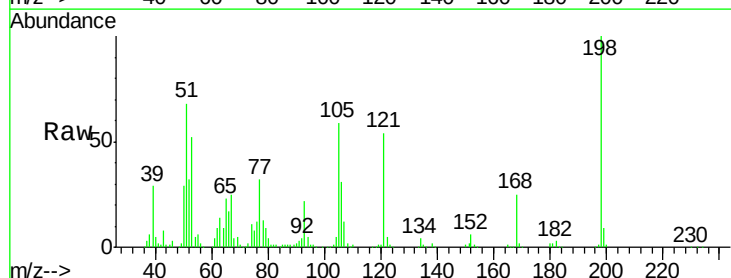
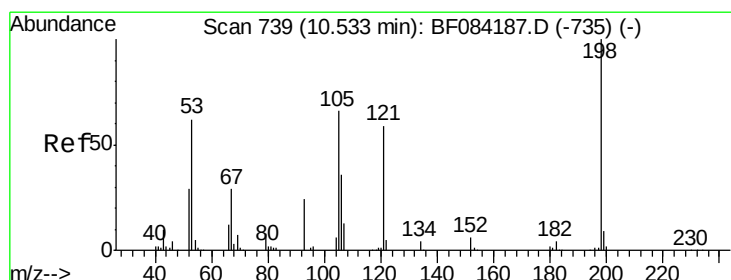
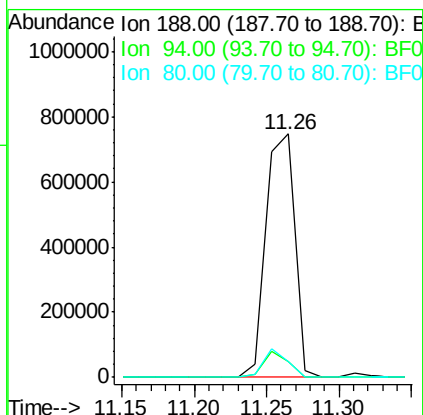
BNA_F

ClientSampleId :

SSTDCCC040

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.68 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

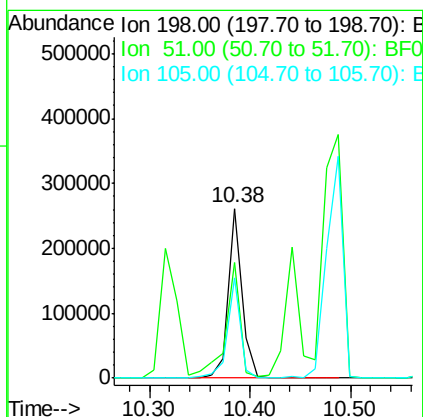
Tgt Ion:198 Resp: 249811

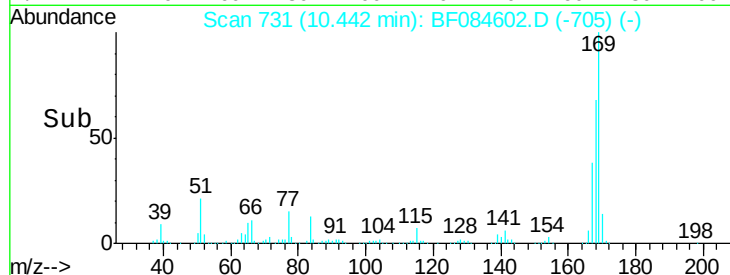
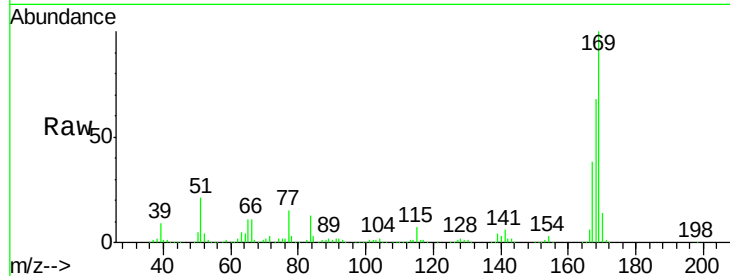
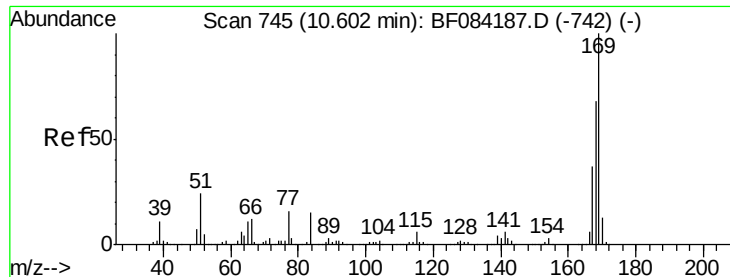
Ion Ratio Lower Upper

198 100

51 68.3 18.9 58.9#

105 58.8 26.4 66.4





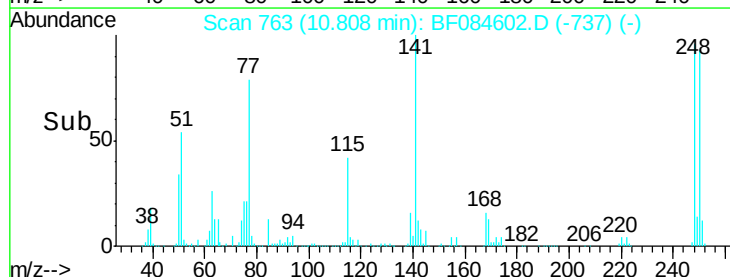
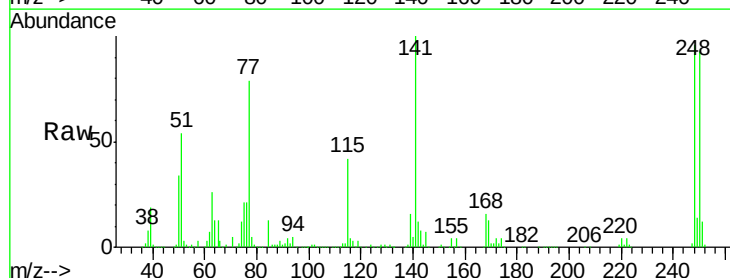
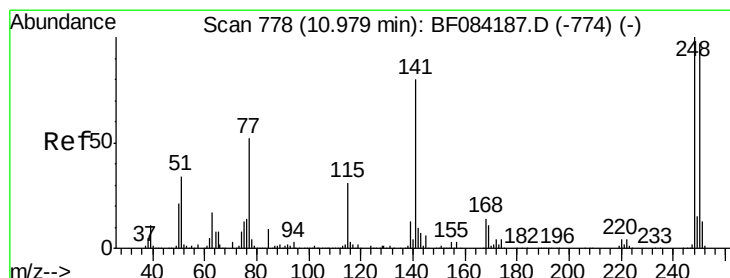
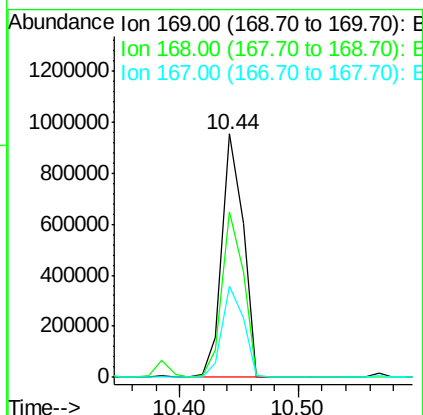
#65
n-Nitrosodiphenylamine
Concen: 35.99 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tot Ion:169 Resp: 1185664
Ion Ratio Lower Upper
169 100
168 67.9 55.1 82.7
167 37.7 30.0 45.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

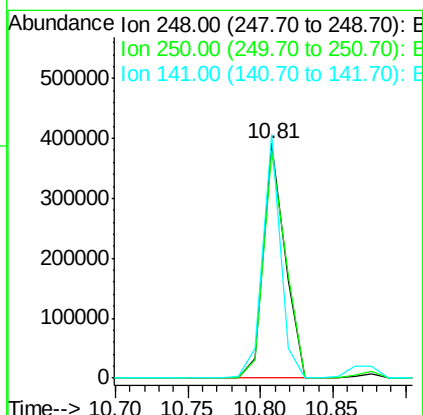
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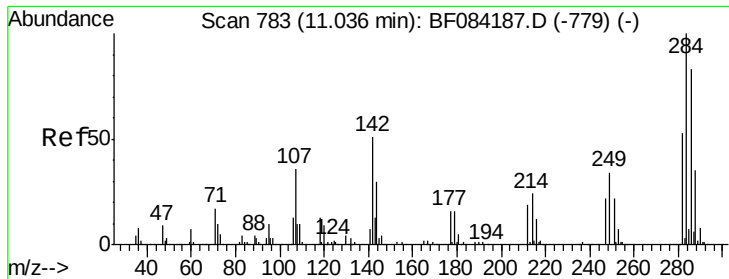
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#66
4-Bromophenyl-phenylether
Concen: 36.49 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion:248 Resp: 404673
Ion Ratio Lower Upper
248 100
250 96.5 78.4 117.6
141 103.8 44.0 66.0#





#67

Hexachlorobenzene

Concen: 40.35 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

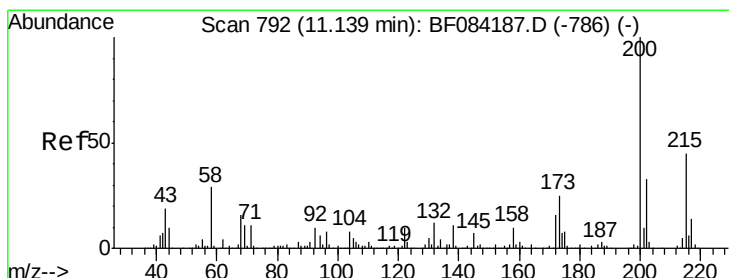
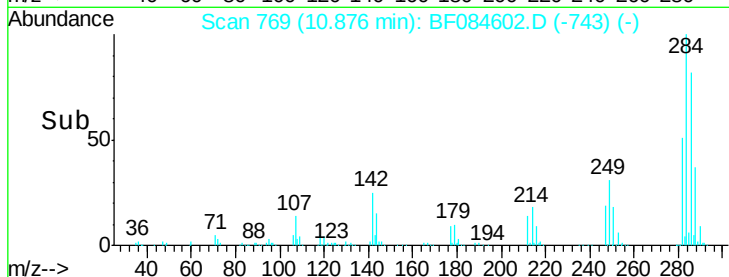
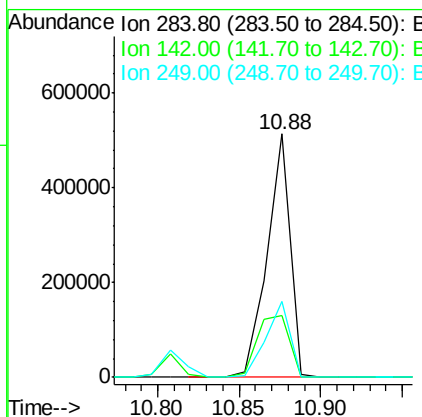
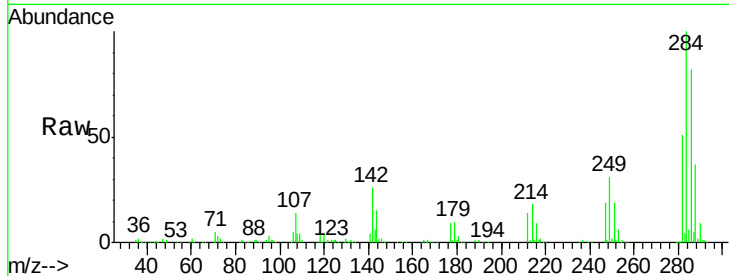
ClientSampleId :

SSTDCCC040

Tot Ion:	284	Resp:	503661
Ion Ratio	Lower	Upper	
284	100		
142	25.6	22.2	33.4
249	30.9	24.6	37.0

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#68

Atrazine

Concen: 38.31 ng

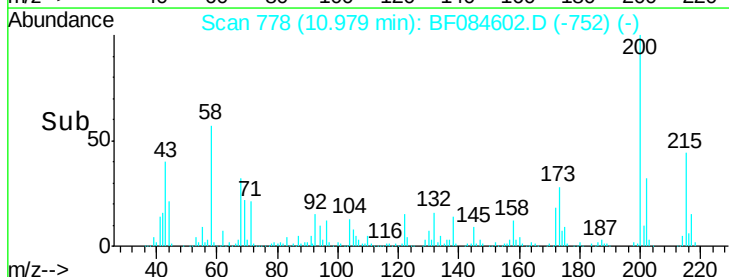
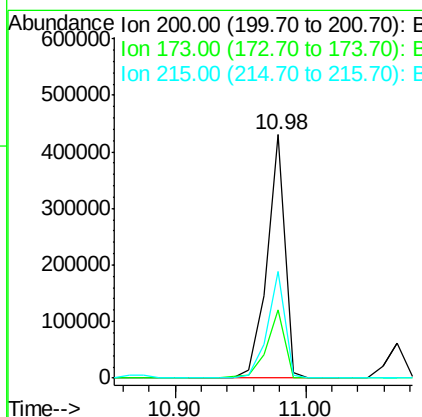
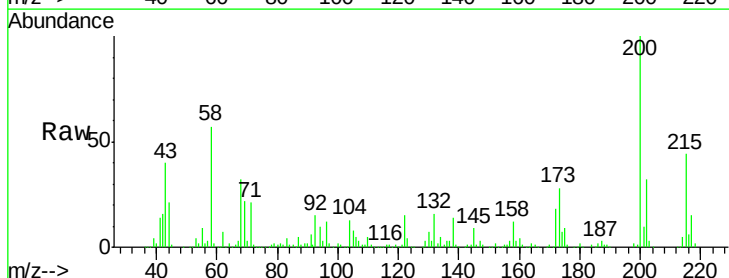
RT: 10.98 min Scan# 778

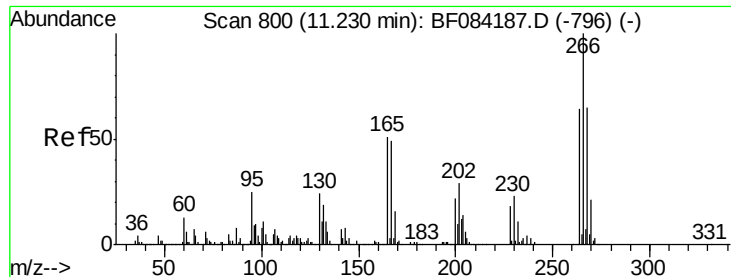
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:	200	Resp:	413034
Ion Ratio	Lower	Upper	
200	100		
173	28.0	9.5	49.5
215	43.8	23.8	63.8





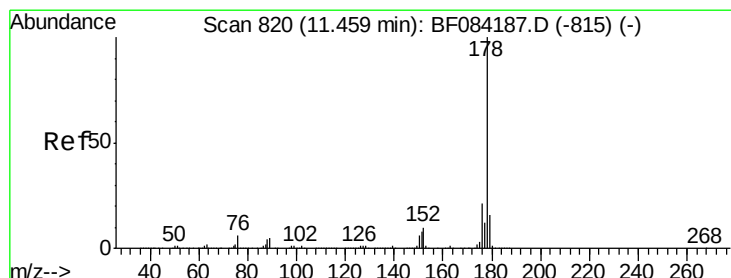
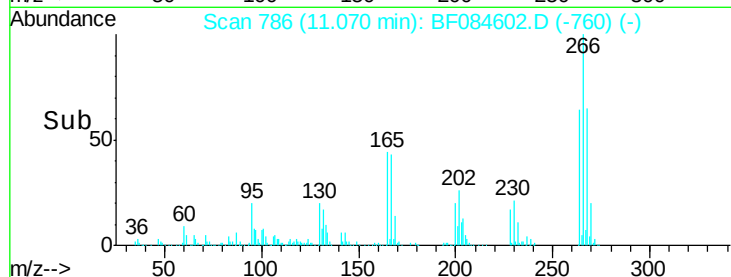
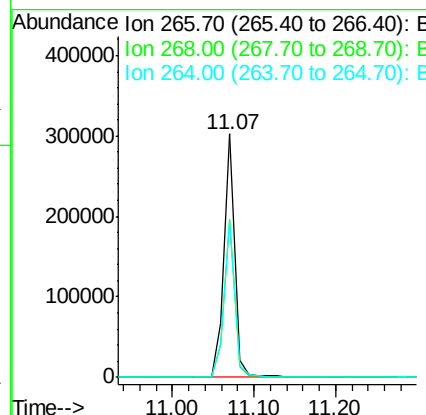
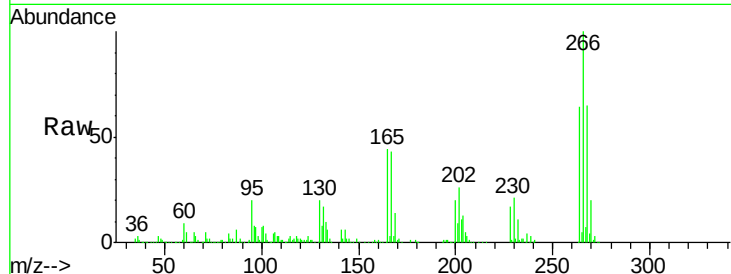
#69
 Pentachlorophenol
 Concen: 43.23 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	279820		
268	64.8	52.4	78.6	
264	64.4	50.2	75.2	

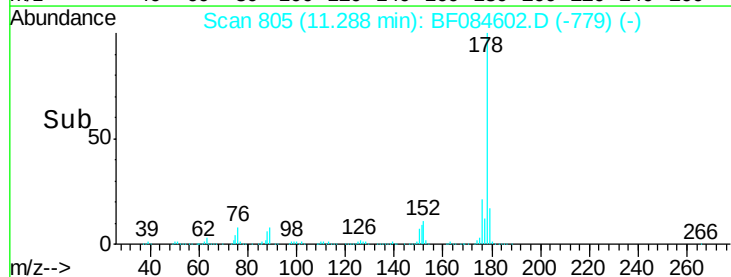
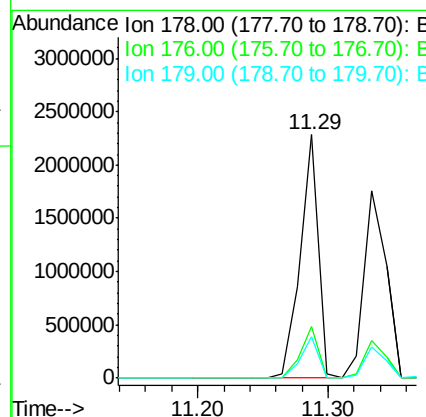
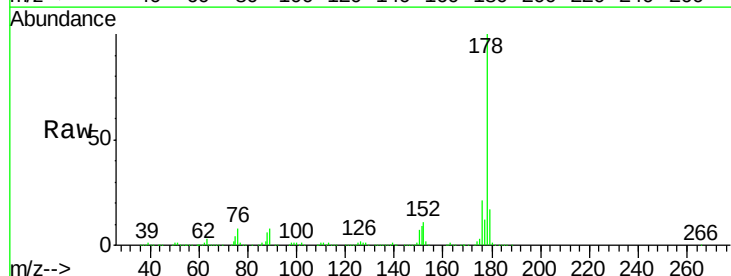
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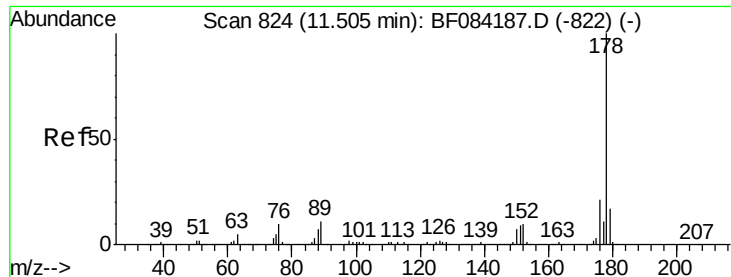
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#70
 Phenanthrene
 Concen: 41.05 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2212285		
176	21.2	15.3	22.9	
179	16.9	12.0	18.0	





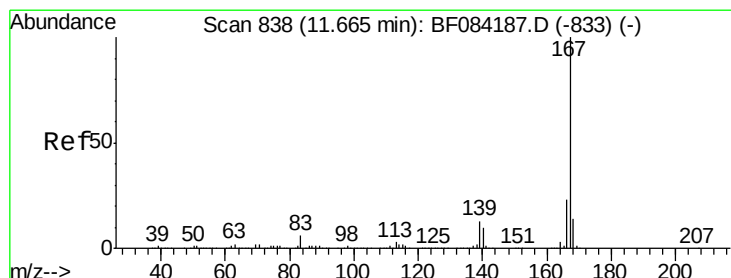
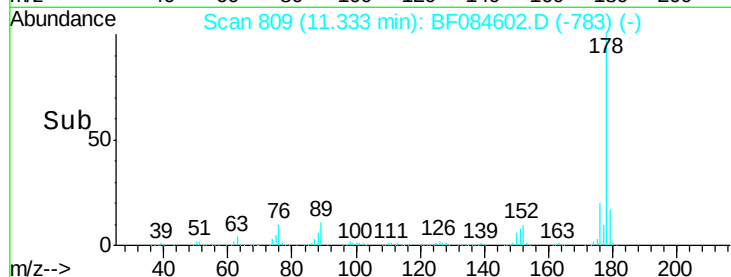
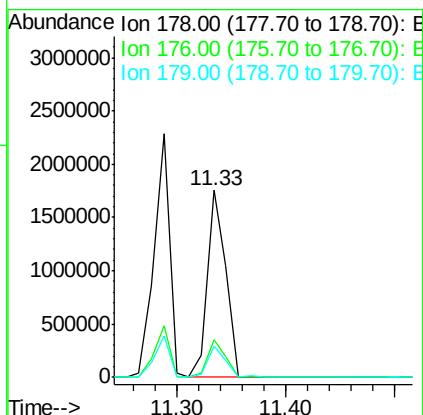
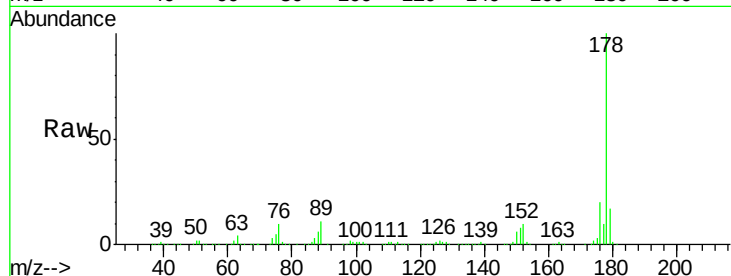
#71
 Anthracene
 Concen: 39.50 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2086816
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.0
 179 16.8 12.5 18.7

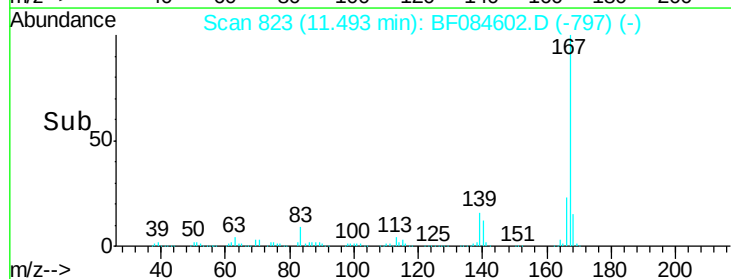
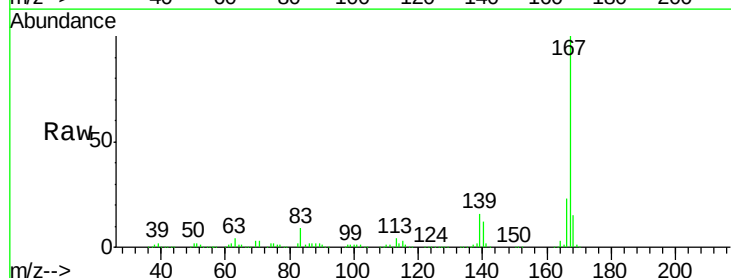
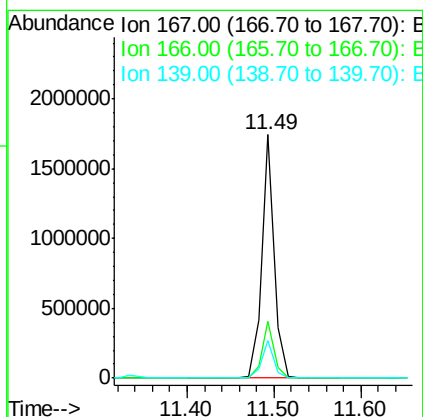
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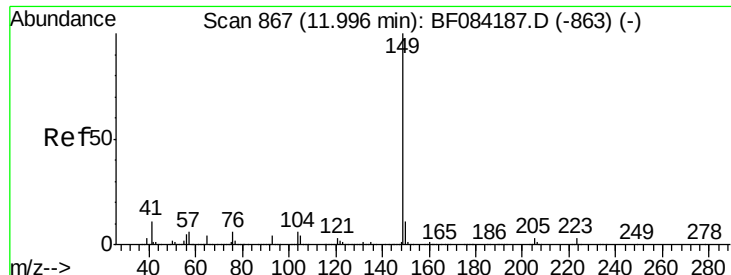
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#72
 Carbazole
 Concen: 34.02 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion:167 Resp: 1757260
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 15.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 46.90 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2547291

Ion Ratio Lower Upper

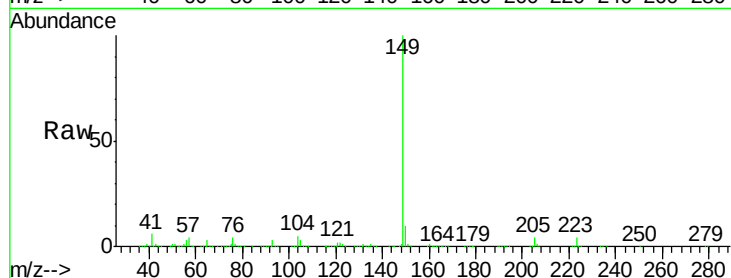
149 100

150 9.9 7.1 10.7

104 5.0 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.84

2500000

2000000

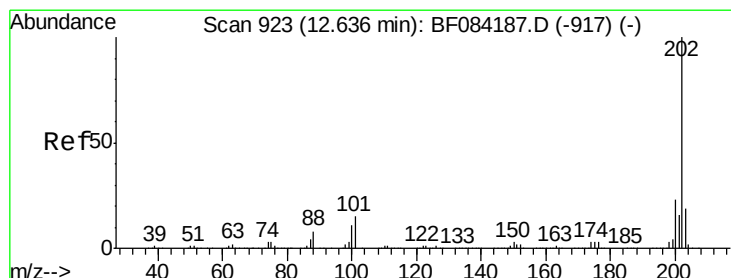
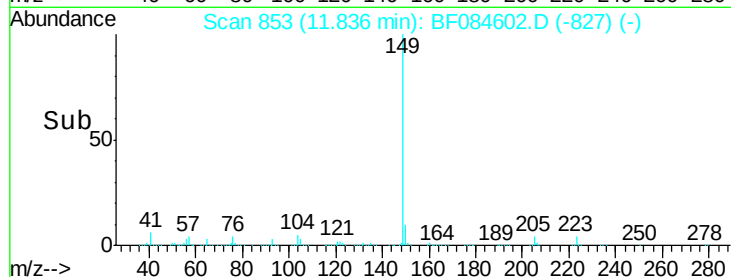
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 37.41 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

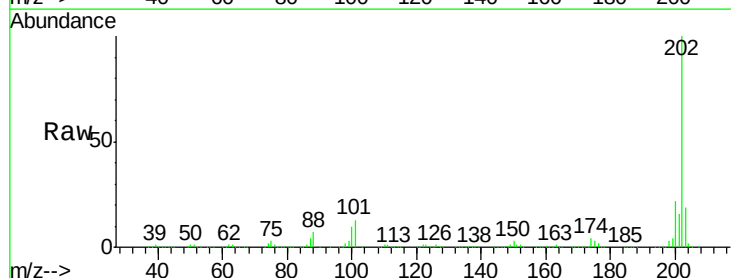
Tgt Ion:202 Resp: 2106603

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

203 19.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.46

2500000

2000000

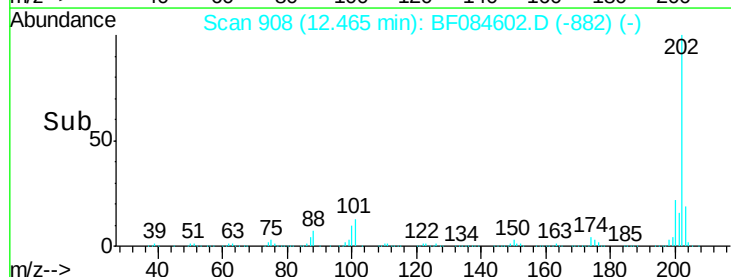
1500000

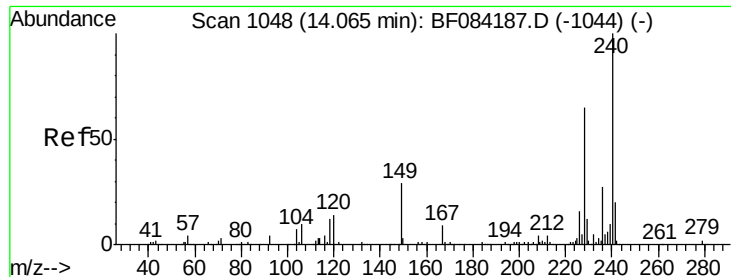
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

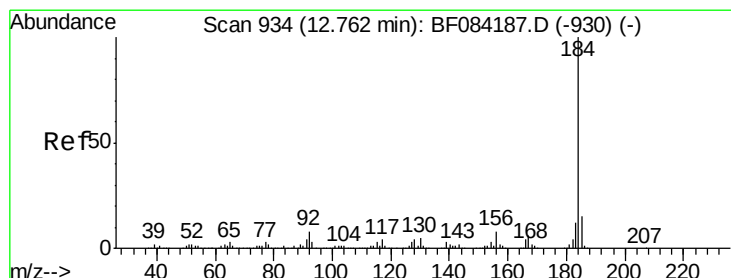
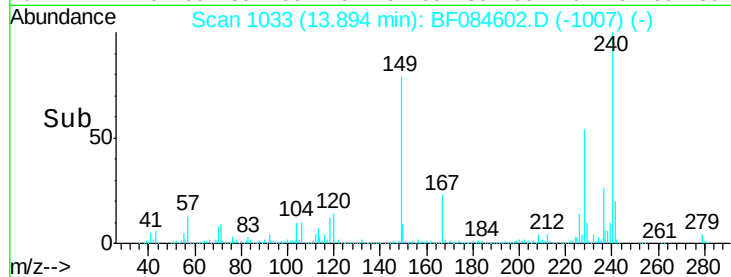
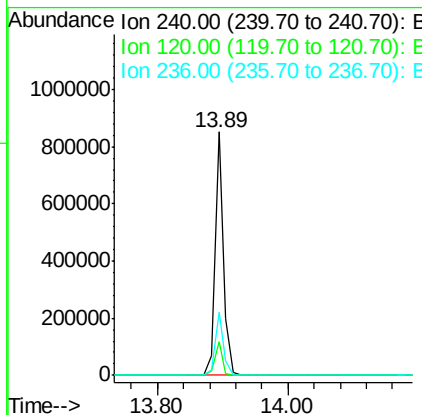
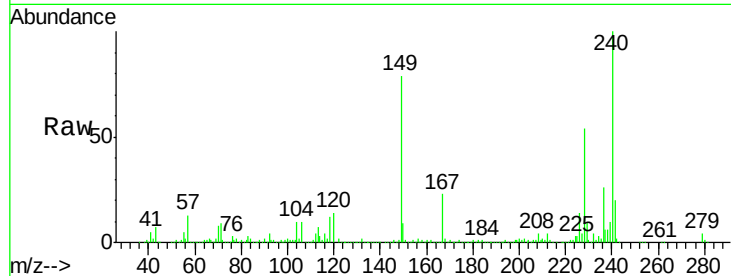
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.1	20.6	31.0

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#76

Benzidine

Concen: 28.55 ng

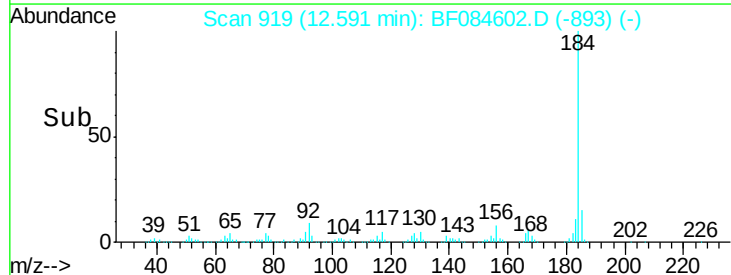
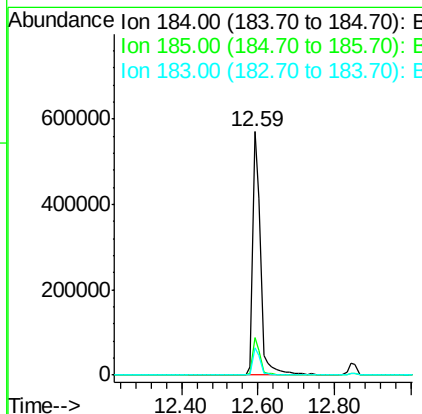
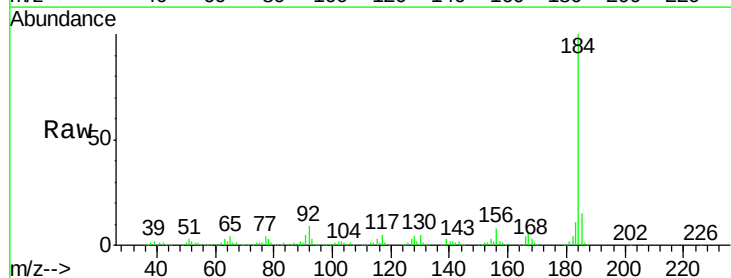
RT: 12.59 min Scan# 919

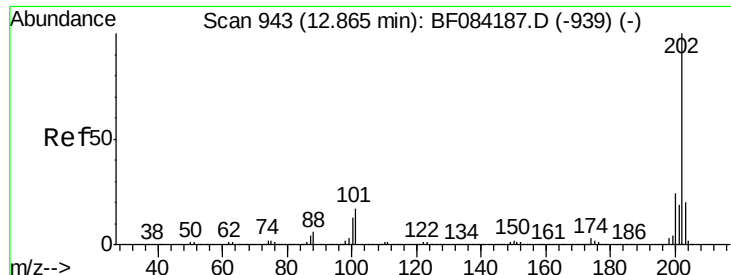
Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	11.4	9.8	14.8





#77

Pvrene

Concen: 34.51 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

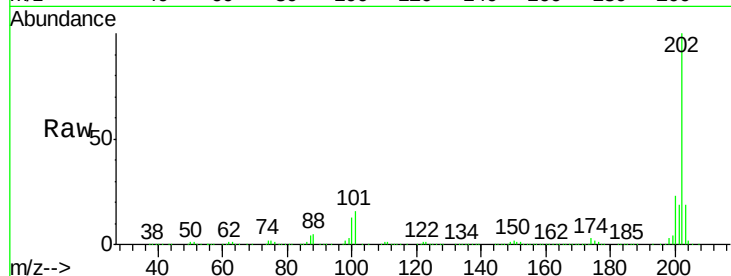
ClientSampleId :

SSTDCCC040

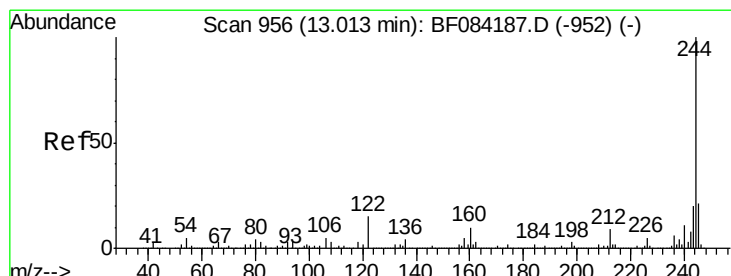
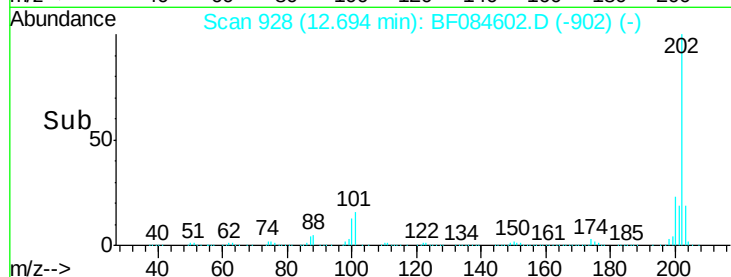
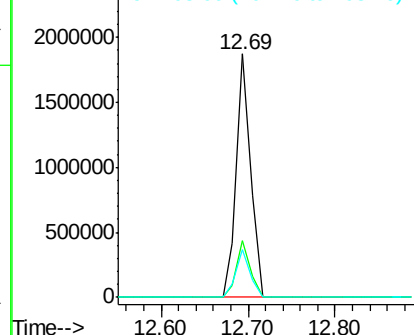
Tot Ion:	202	Resp:	2128055
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.2	25.8
203	19.4	14.3	21.5

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



#78

Terphenyl-d14

Concen: 79.29 ng

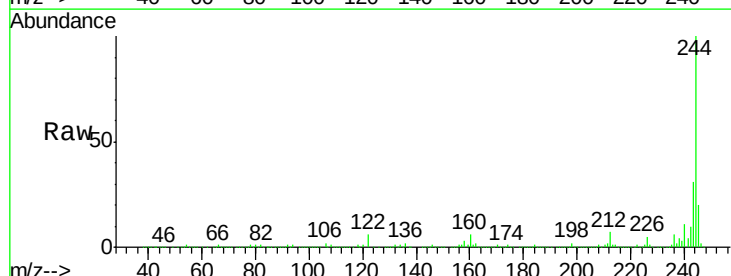
RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

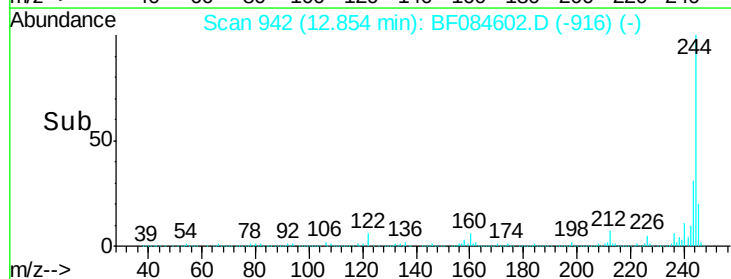
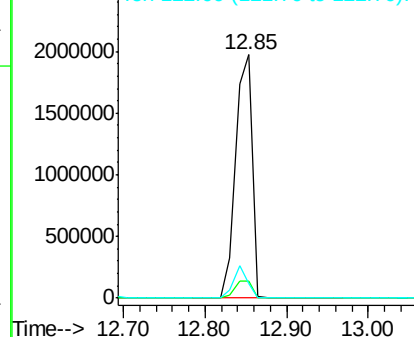
Lab File: BF084602.D

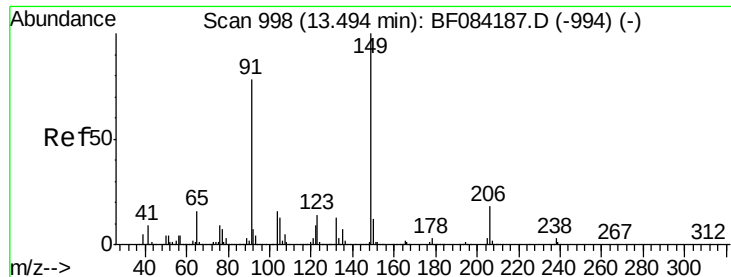
Acq: 25 Jan 2016 12:33

Tgt Ion:	244	Resp:	2791064
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	5.8	7.4	11.0#



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





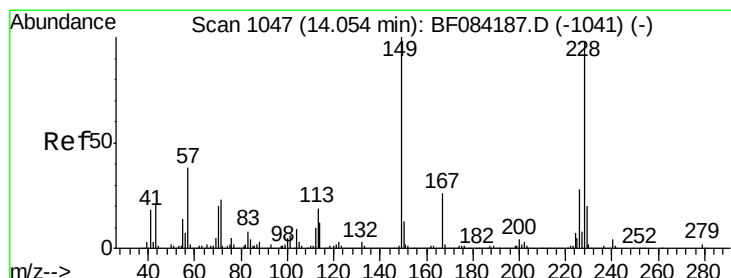
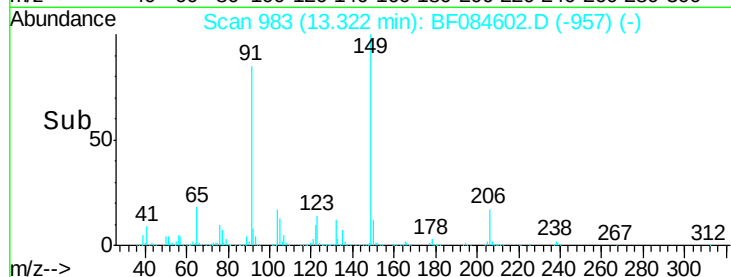
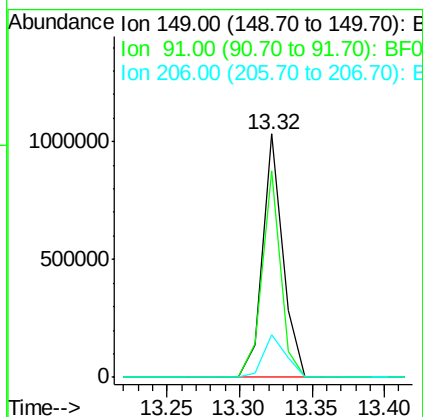
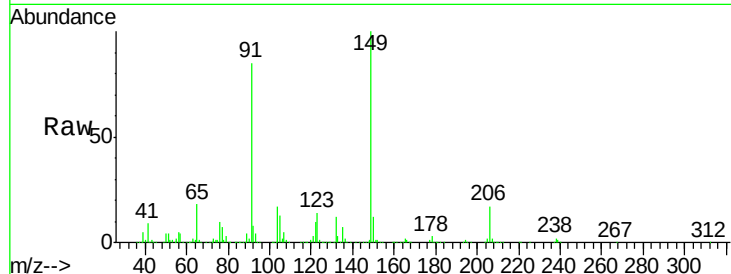
#79
Butylbenzylphthalate
Concen: 37.56 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.7	57.6	86.4
206	17.3	13.2	19.8

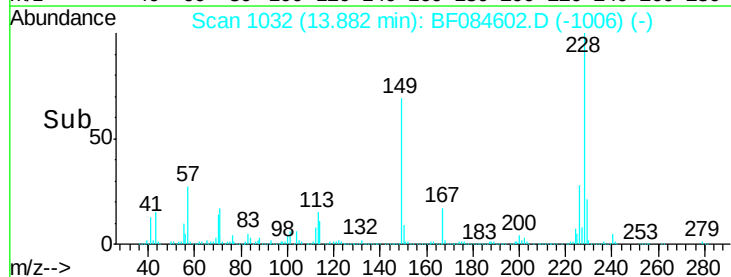
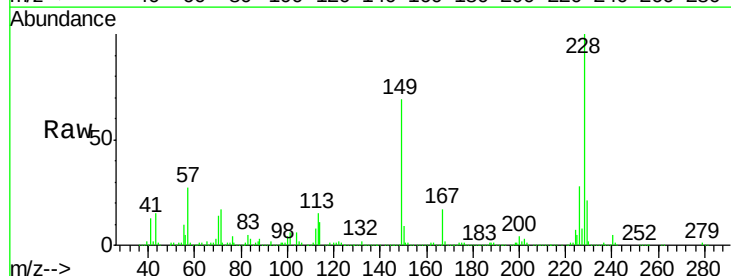
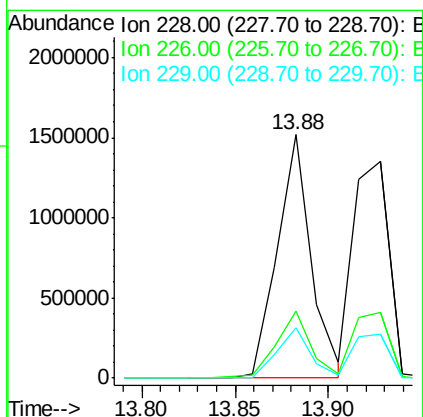
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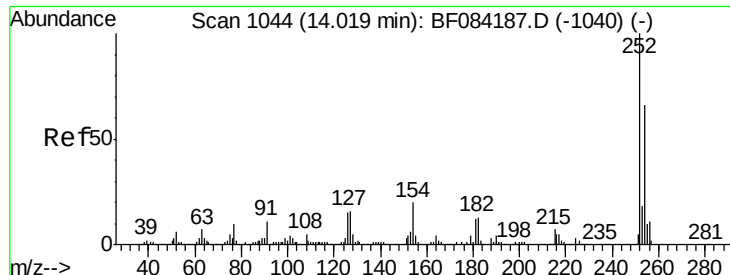
mohammad
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#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	20.9	15.8	23.8





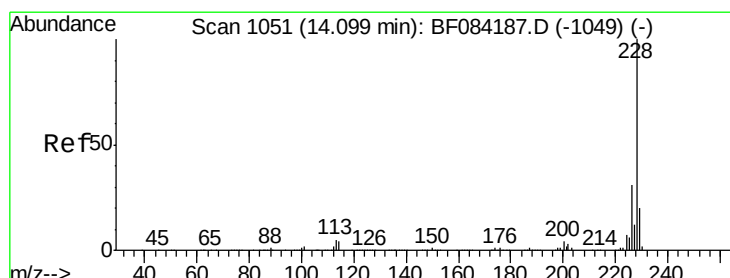
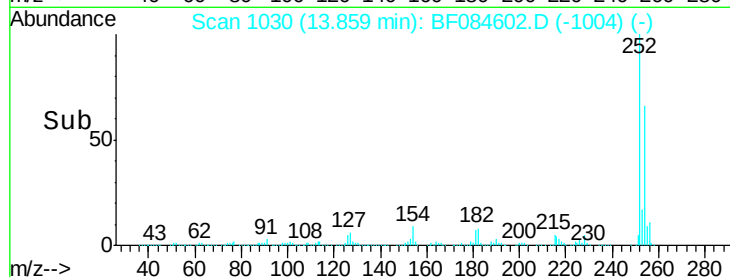
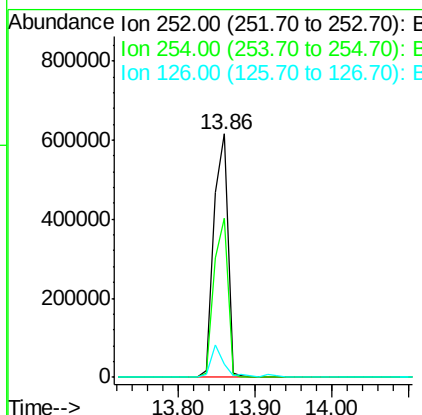
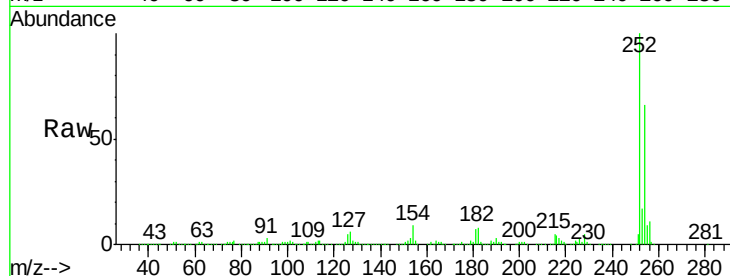
#81
 3,3'-Dichlorobenzidine
 Concen: 47.87 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	53.5	80.3
126	5.4	4.9	7.3

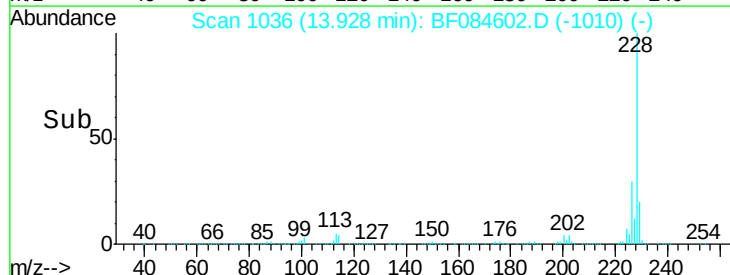
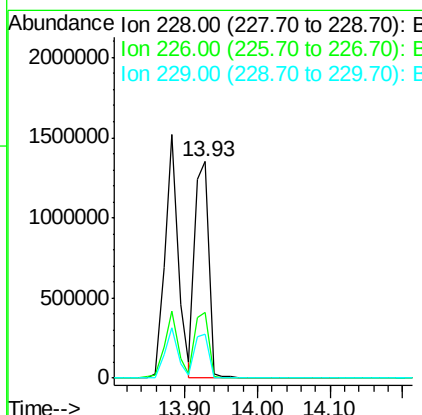
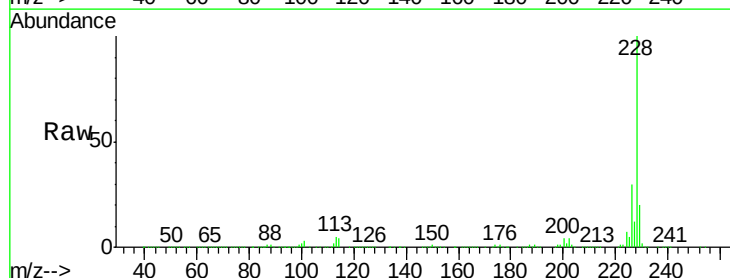
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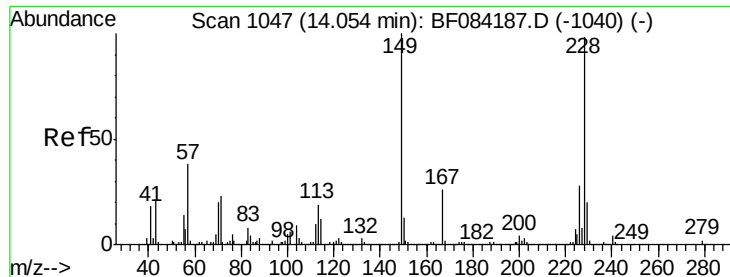
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#82
 Chrysene
 Concen: 41.16 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF084602.D
 Acq: 25 Jan 2016 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.89 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1243614

Ion Ratio Lower Upper

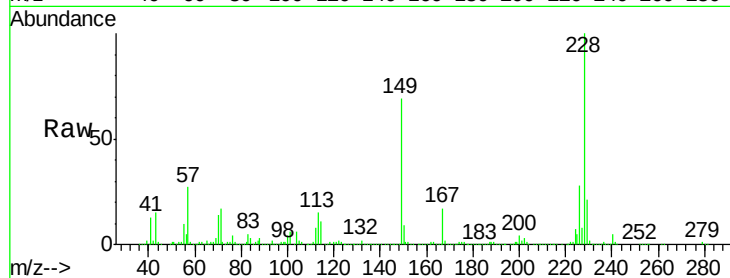
149 100

167 25.1 19.7 29.5

279 2.0 1.8 2.6

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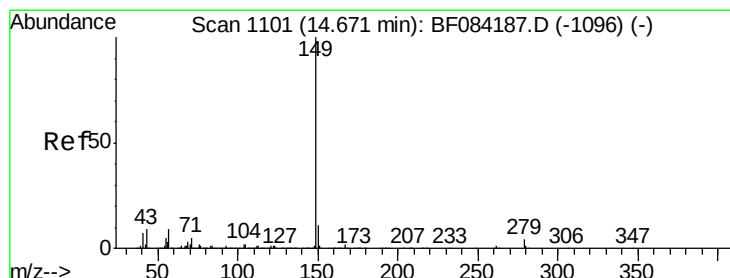
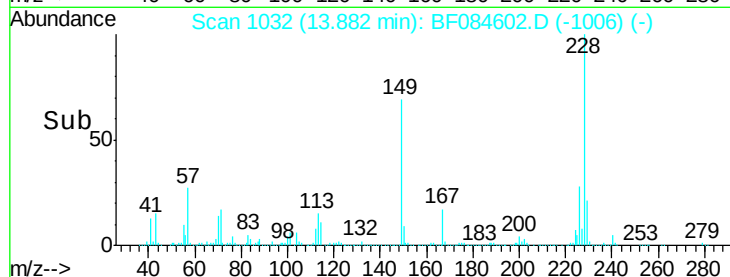
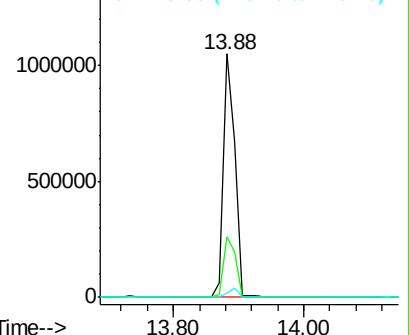
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.48 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

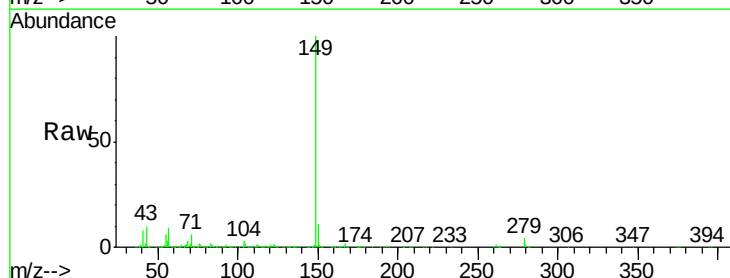
Tgt Ion:149 Resp: 2303743

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

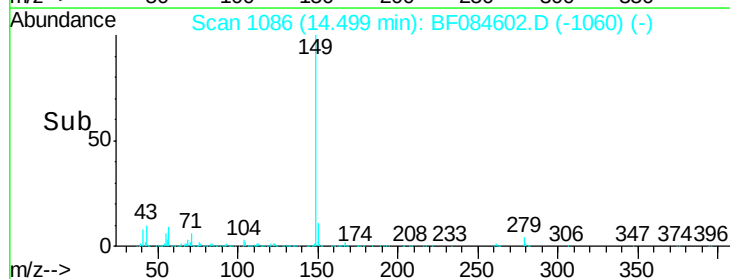
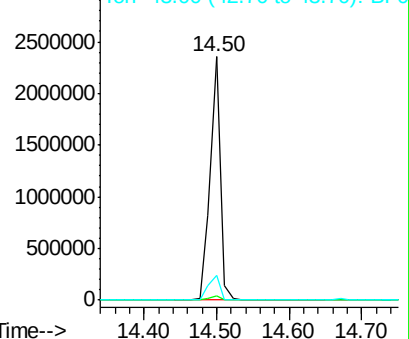
43 12.0 5.6 8.4#

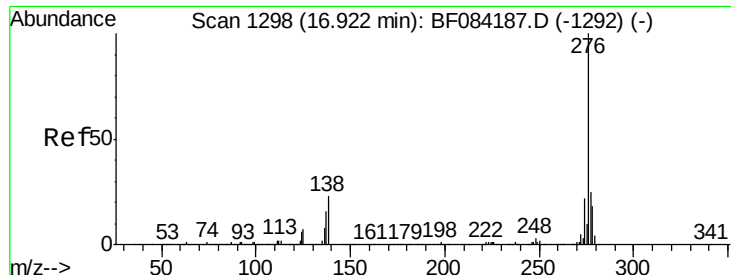


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.06 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1407795

Ion Ratio Lower Upper

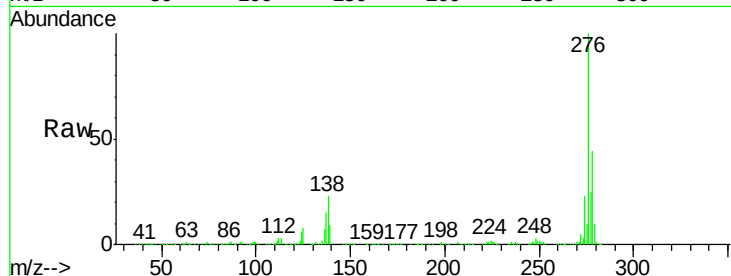
276 100

138 24.3 20.6 30.8

277 25.2 20.1 30.1

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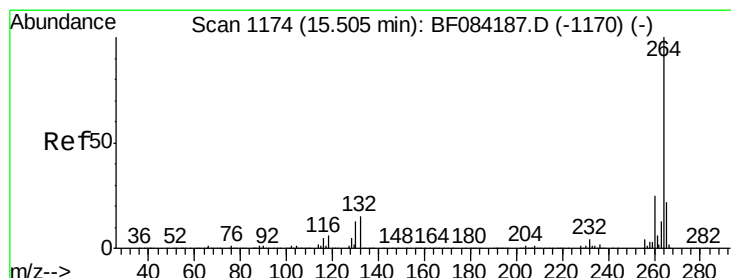
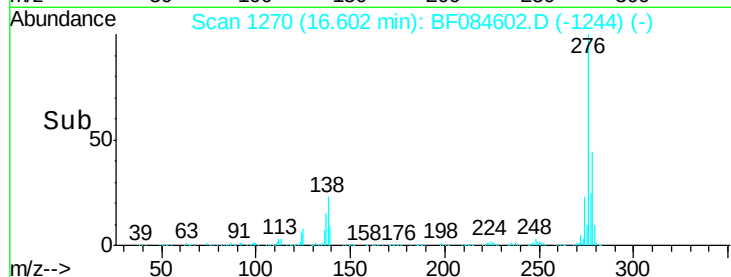
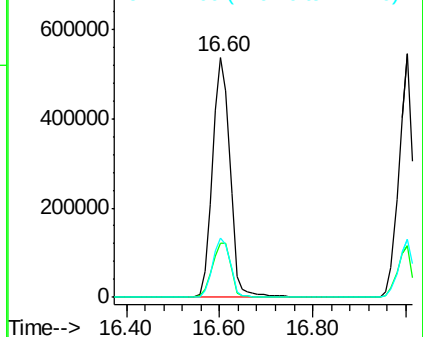
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Abundance Ion 276.00 (275.70 to 276.70): E

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: BF084602.D

Acq: 25 Jan 2016 12:33

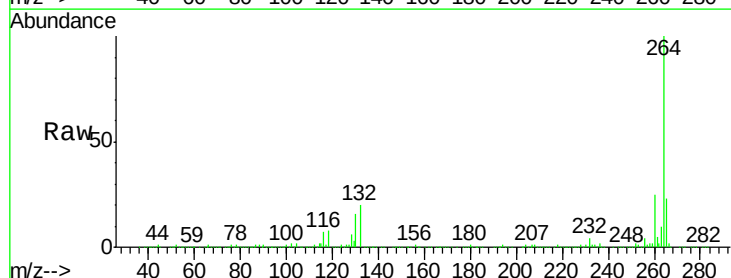
Tgt Ion:264 Resp: 711036

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

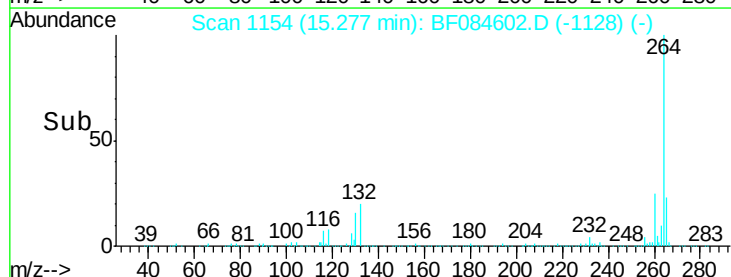
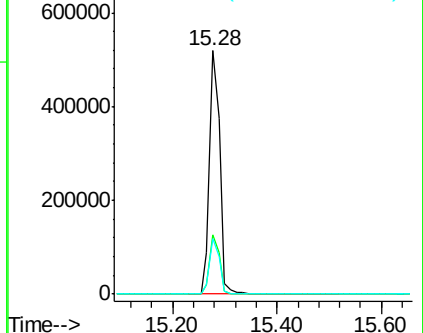
265 22.6 17.8 26.6

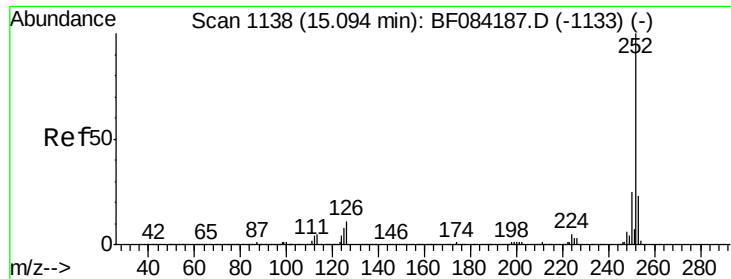


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.65 ng m

RT: 14.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1937260

Ion Ratio Lower Upper

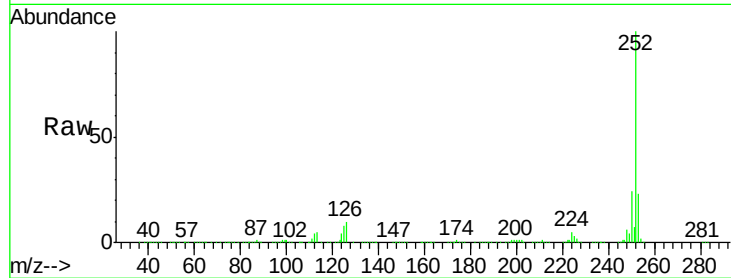
252 100

253 22.5 17.3 25.9

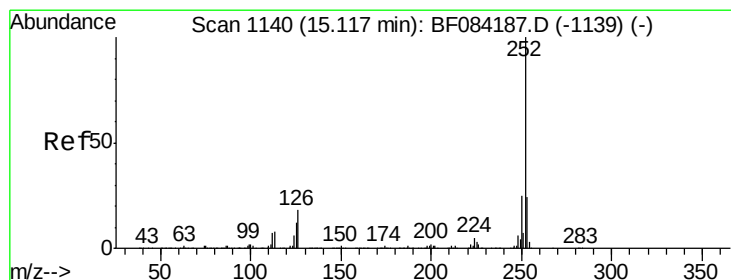
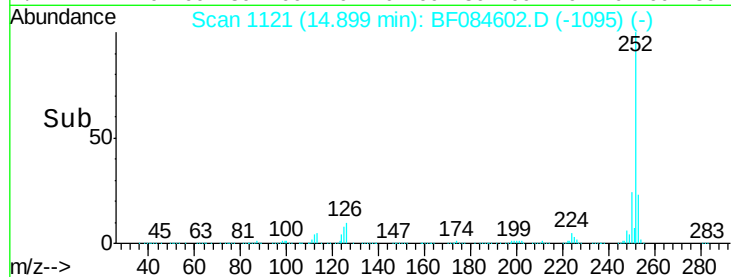
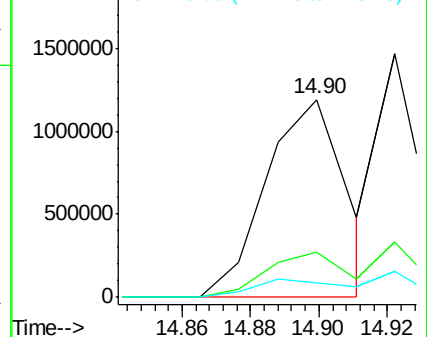
125 7.6 6.5 9.7

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



#88

Benzo(k)fluoranthene

Concen: 34.68 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Tgt Ion:252 Resp: 1319167

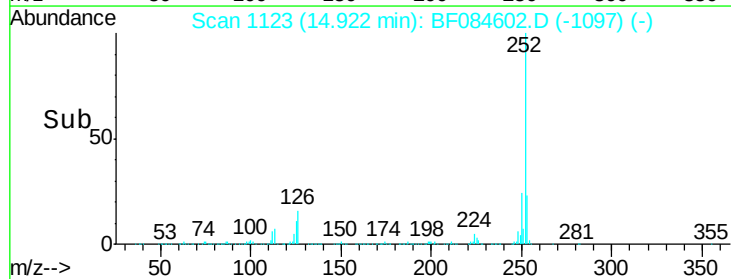
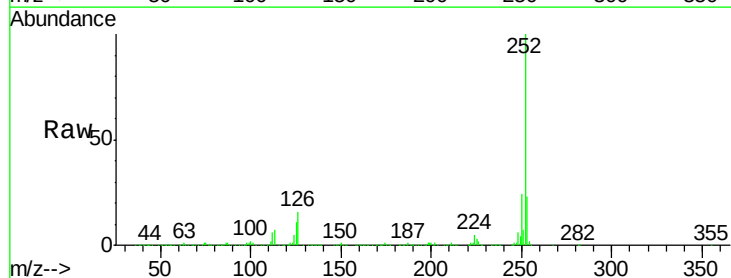
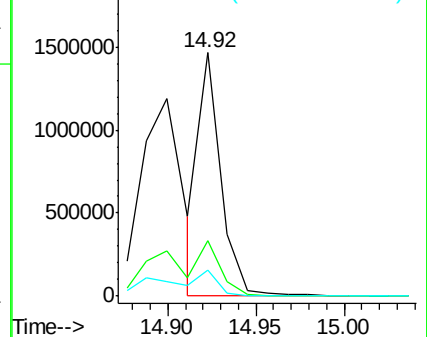
Ion Ratio Lower Upper

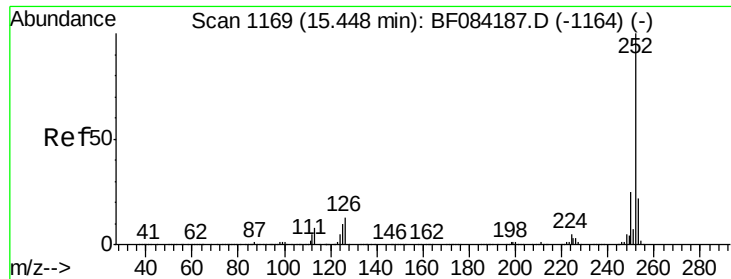
252 100

253 22.8 18.1 27.1

125 10.9 9.0 13.6

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





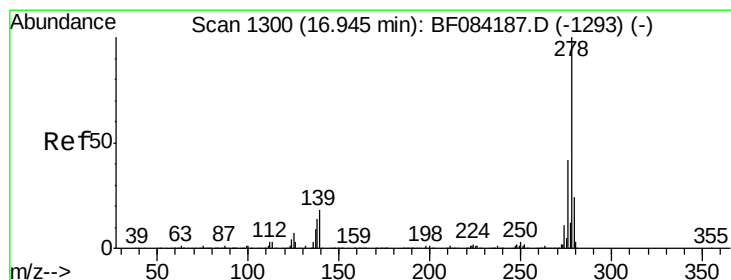
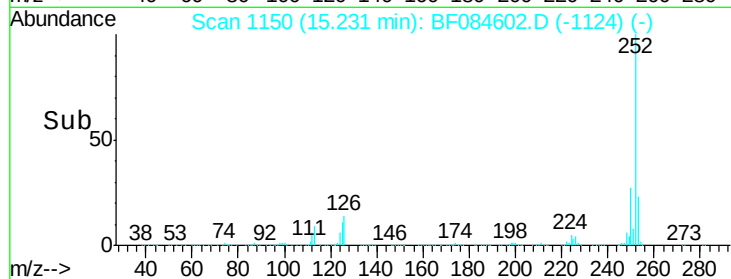
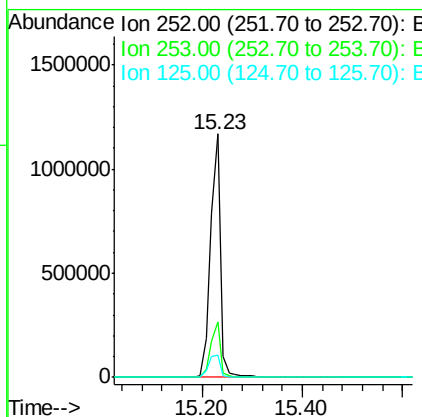
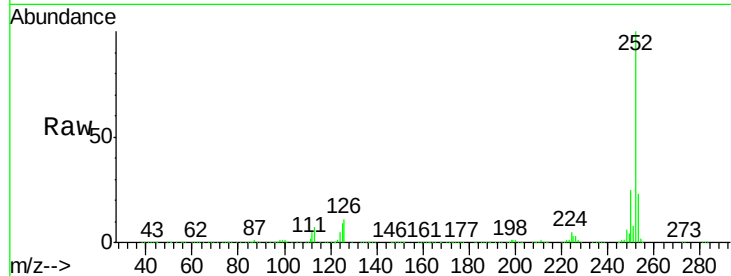
#89
Benzo(a)pyrene
Concen: 40.32 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1590685
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 8.9 7.0 10.4

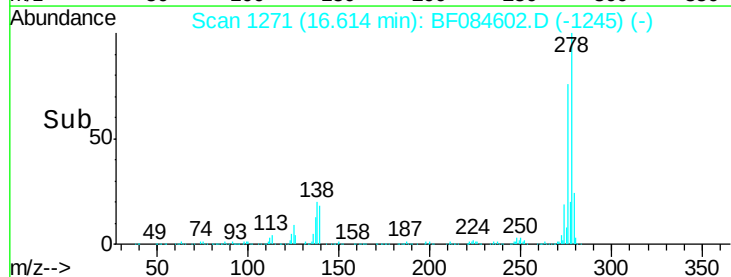
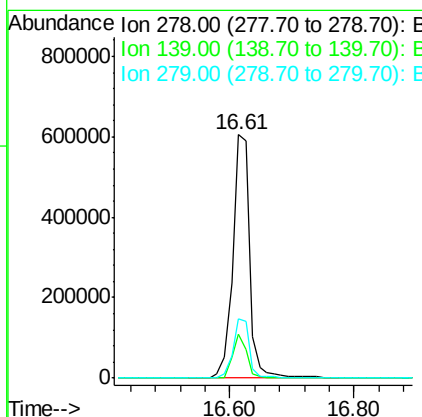
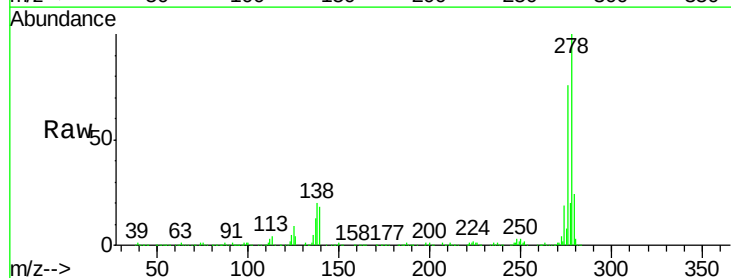
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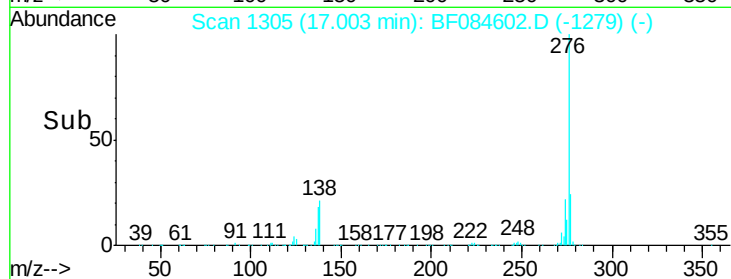
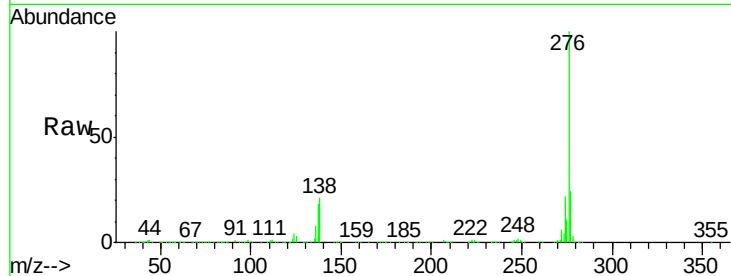
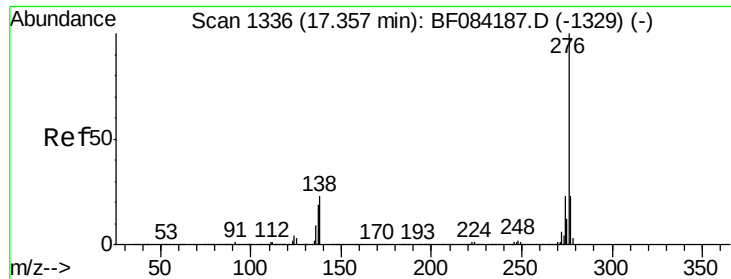
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 34.05 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084602.D
Acq: 25 Jan 2016 12:33

Tgt Ion:278 Resp: 1155824
Ion Ratio Lower Upper
278 100
139 17.9 15.0 22.4
279 24.4 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 32.38 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF084602.D

Acq: 25 Jan 2016 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1138439

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.3 17.8 26.6

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