

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084563.D
 Acq On : 20 Jan 2016 11:55
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/21/2016 12:19:38 PM

Quant Time: Jan 20 22:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	258604	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	1023520	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	482228	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	920804	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	695379	20.00	ng	-0.05
86) Perylene-d12	15.36	264	551019	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1289478	80.65	ng	-0.06
7) Phenol-d6	6.43	99	1527458	76.07	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1469080	79.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.61	330	382273	78.52	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2077658	75.05	ng	-0.05
78) Terphenyl-d14	12.90	244	2135968	68.56	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	284277	37.53	ng	# 76
3) Pyridine	3.01	79	676037	32.01	ng	# 72
4) n-Nitrosodimethylamine	2.97	42	326021	30.08	ng	# 72
6) Aniline	6.44	93	1030378	35.08	ng	# 48
8) 2-Chlorophenol	6.57	128	732524	40.38	ng	93
9) Benzaldehyde	6.33	77	469097	35.88	ng	97
10) Phenol	6.44	94	871050	38.15	ng	75
11) bis(2-Chloroethyl)ether	6.52	93	642270	36.32	ng	83
12) 1,3-Dichlorobenzene	6.72	146	700344m	37.43	ng	
13) 1,4-Dichlorobenzene	6.80	146	714971	38.10	ng	96
14) 1,2-Dichlorobenzene	6.96	146	718093	39.96	ng	97
15) Benzyl Alcohol	6.93	79	590263	34.94	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1179573	36.63	ng	86
17) 2-Methylphenol	7.05	107	555069	36.51	ng	94
18) Hexachloroethane	7.30	117	291363	38.83	ng	# 84
19) n-Nitroso-di-n-propylamine	7.21	70	455546	33.51	ng	# 75
20) 3+4-Methylphenols	7.21	107	653611	36.58	ng	# 76
22) Acetophenone	7.20	105	966503	39.27	ng	# 95
24) Nitrobenzene	7.37	77	697175	37.38	ng	91
25) Isophorone	7.62	82	1409048	40.06	ng	97
26) 2-Nitrophenol	7.69	139	385584	45.42	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	625214	36.39	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	772307	35.95	ng	99
29) 2,4-Dichlorophenol	7.94	162	568582	39.72	ng	90
30) 1,2,4-Trichlorobenzene	8.01	180	586623	39.70	ng	96
31) Naphthalene	8.09	128	1867297	40.21	ng	99
32) Benzoic acid	7.87	122	388431	36.81	ng	98
33) 4-Chloroaniline	8.14	127	861293	40.46	ng	99
34) Hexachlorobutadiene	8.21	225	367721	43.29	ng	99
35) Caprolactam	8.53	113	176935	36.67	ng	# 51
36) 4-Chloro-3-methylphenol	8.64	107	605614	37.77	ng	94
37) 2-Methylnaphthalene	8.78	142	1386549	41.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	572794	41.32	ng	98
40) Hexachlorocyclopentadiene	8.94	237	277944	33.21	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	402626	38.82	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	402616	40.49	nq #	84
45) 1,1'-Biphenyl	9.25	154	1689860	44.09	nq	99
46) 2-Chloronaphthalene	9.28	162	1253626	41.64	nq	91
47) 2-Nitroaniline	9.37	65	416546	41.92	nq	96
48) Acenaphthylene	9.69	152	1711967	38.49	nq	96
49) Dimethylphthalate	9.56	163	1419351	41.17	nq #	90
50) 2,6-Dinitrotoluene	9.62	165	310493	41.06	nq #	63
51) Acenaphthene	9.86	154	1165782	39.08	nq	99
52) 3-Nitroaniline	9.79	138	409706	43.73	nq	90
53) 2,4-Dinitrophenol	9.89	184	172288	54.67	nq	92
54) Dibenzofuran	10.03	168	1469537	37.54	nq #	89
55) 4-Nitrophenol	9.96	139	300497	44.18	nq	87
56) 2,4-Dinitrotoluene	10.02	165	366711	38.32	nq #	84
57) Fluorene	10.37	166	1121664	37.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	348491	41.05	nq	90
59) Diethylphthalate	10.26	149	1365354	40.17	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	594712	47.64	nq #	86
61) 4-Nitroaniline	10.41	138	392421	46.99	nq	89
62) Azobenzene	10.53	77	1500124	40.24	nq	94
64) 4,6-Dinitro-2-methylphenol	10.43	198	227034	40.36	nq	83
65) n-Nitrosodiphenylamine	10.49	169	1064718	36.17	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	370393	37.37	nq #	68
67) Hexachlorobenzene	10.92	284	428386	38.40	nq	95
68) Atrazine	11.02	200	394212	40.92	nq	96
69) Pentachlorophenol	11.12	266	206189	35.65	nq	98
70) Phenanthrene	11.33	178	1736340	36.05	nq	96
71) Anthracene	11.39	178	2021869	42.82	nq	99
72) Carbazole	11.54	167	1708294	37.01	nq	99
73) Di-n-butylphthalate	11.88	149	2069536	41.29	nq #	96
74) Fluoranthene	12.52	202	2007097	39.89	nq	96
76) Benzidine	12.65	184	870648	34.92	nq	99
77) Pyrene	12.75	202	2041400	37.41	nq	98
79) Butylbenzylphthalate	13.38	149	907001	38.41	nq #	90
80) Benzo(a)anthracene	13.94	228	1486283	36.40	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	555761	39.00	nq #	95
82) Chrysene	13.97	228	1383146	35.25	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1066162	35.74	nq #	97
84) Di-n-octyl phthalate	14.56	149	1795871	35.66	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.72	276	1289973	41.48	nq	99
87) Benzo(b)fluoranthene	14.96	252	1312567	36.42	nq	97
88) Benzo(k)fluoranthene	14.98	252	1233668m	41.85	nq	
89) Benzo(a)pyrene	15.30	252	1214114	39.71	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	1063738	40.43	nq	97
91) Benzo(g,h,i)perylene	17.13	276	1106129	40.60	nq	99

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



#1

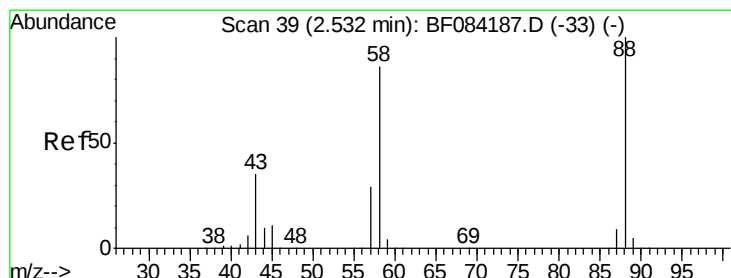
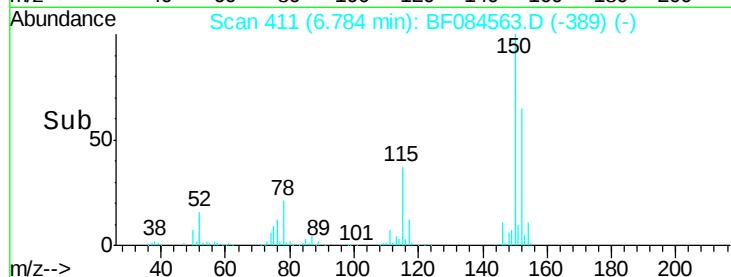
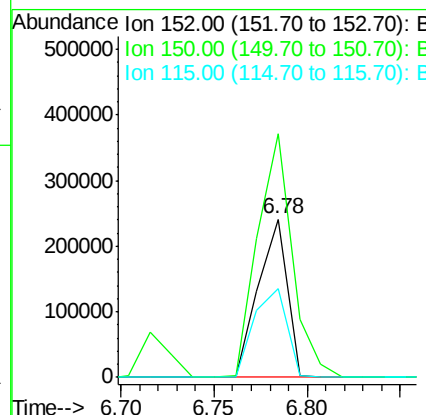
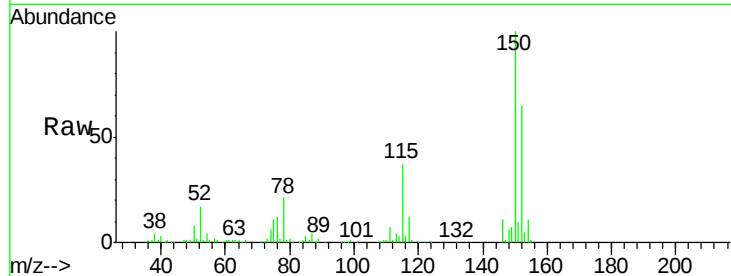
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	56.5	51.4	77.2

Manual Integrations
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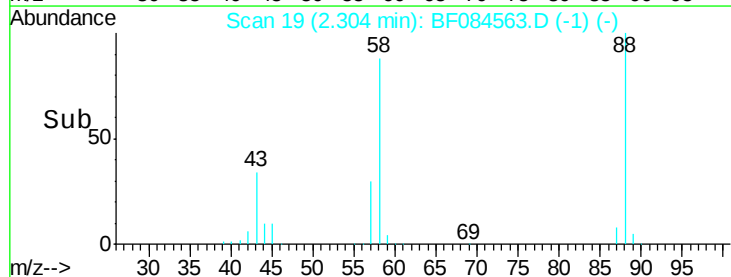
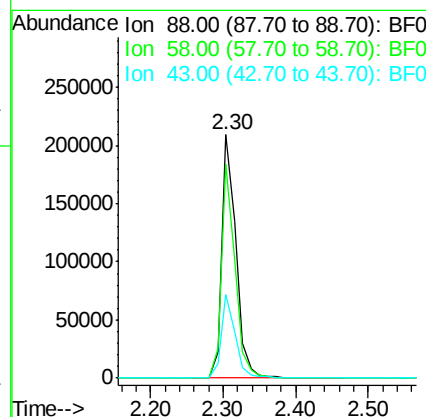
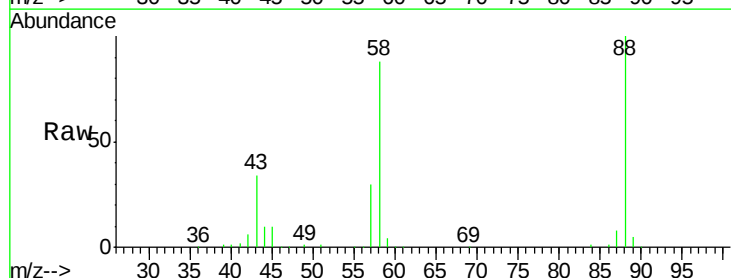
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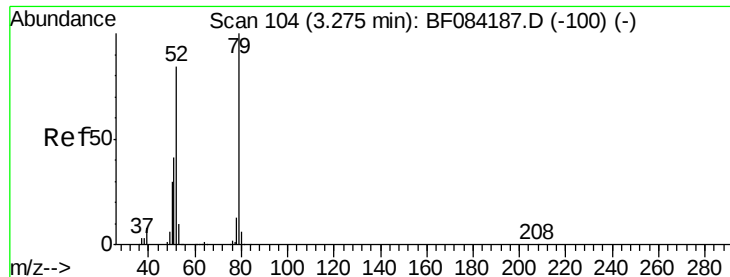


#2

1,4-Dioxane
Concen: 37.53 ng
RT: 2.30 min Scan# 19
Delta R.T. -0.09 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	51.2	76.8#
43	34.6	19.5	29.3#





#3

Pvridine

Concen: 32.01 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.11 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 676037
Ion Ratio Lower Upper

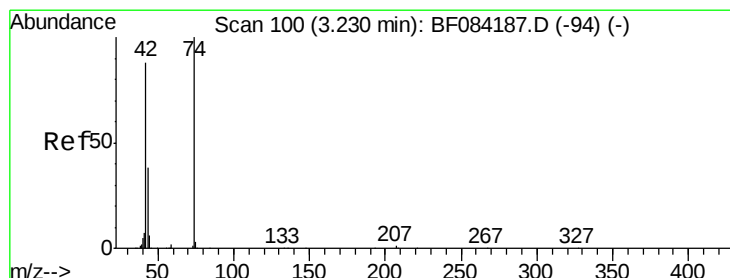
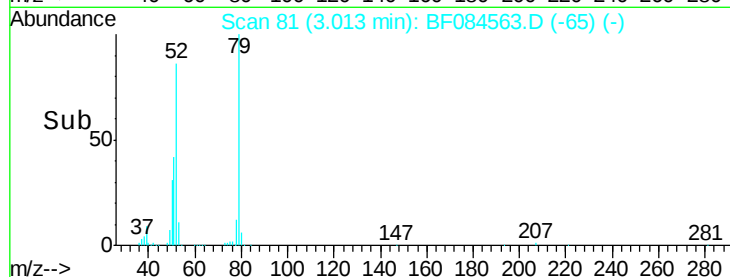
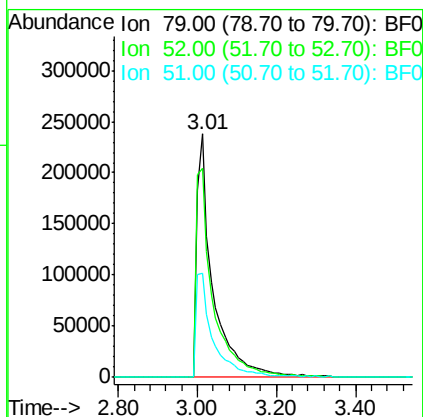
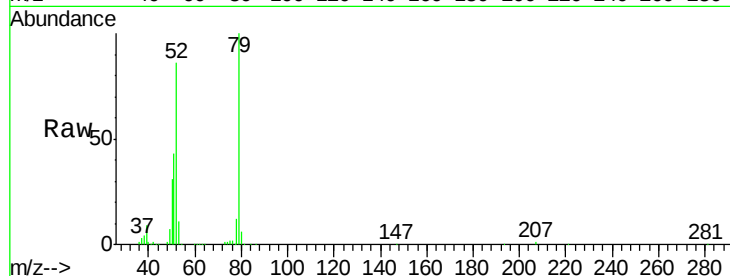
79 100

52 86.1 49.0 73.4#

51 42.7 25.2 37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.08 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.10 min

Lab File: BF084563.D

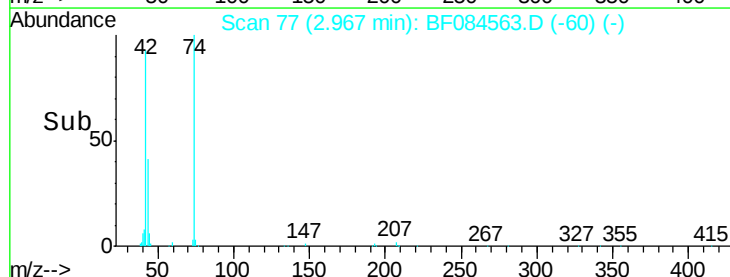
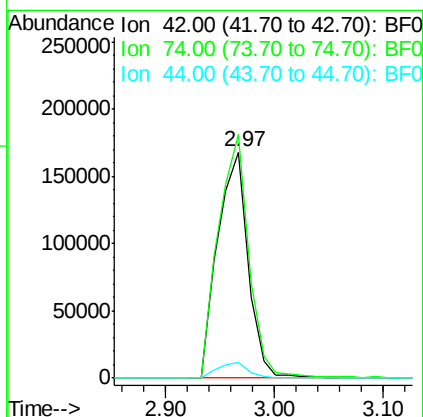
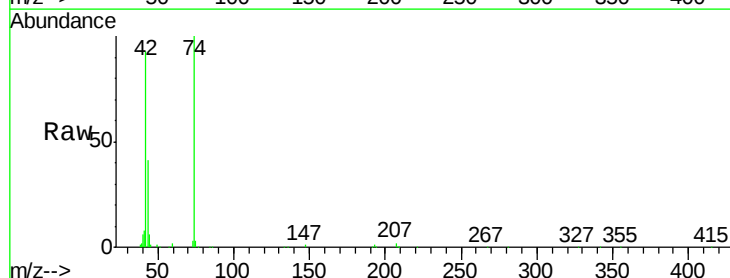
Acq: 20 Jan 2016 11:55

Tgt Ion: 42 Resp: 326021
Ion Ratio Lower Upper

42 100

74 107.9 115.7 173.5#

44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 80.65 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1289478

Ion Ratio Lower Upper

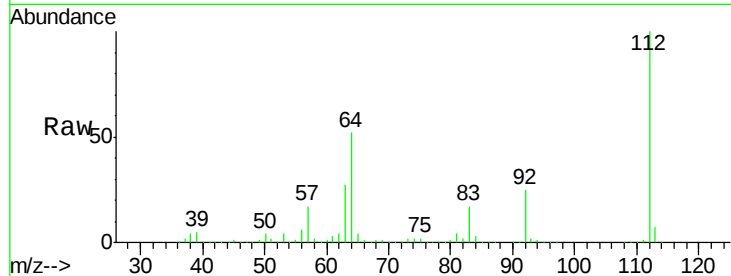
112 100

64 51.6 36.6 55.0

63 27.3 19.4 29.0

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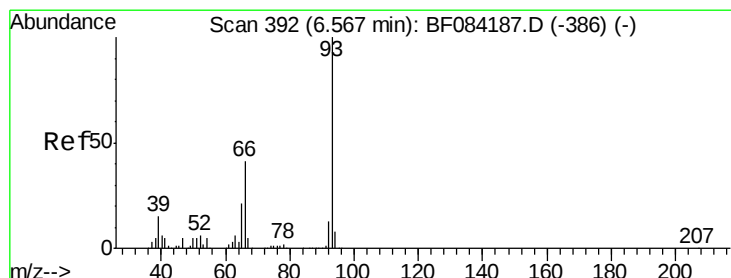
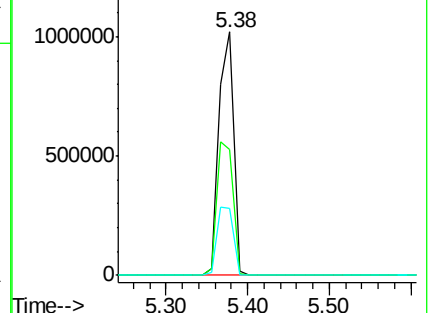
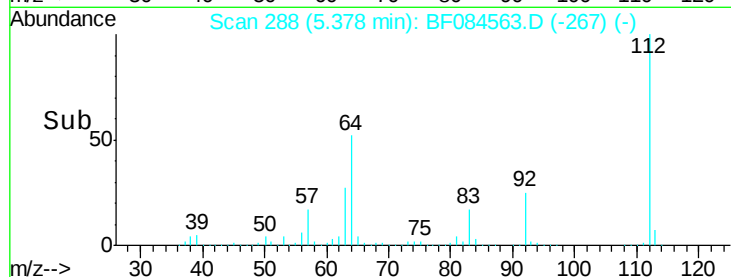
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.08 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

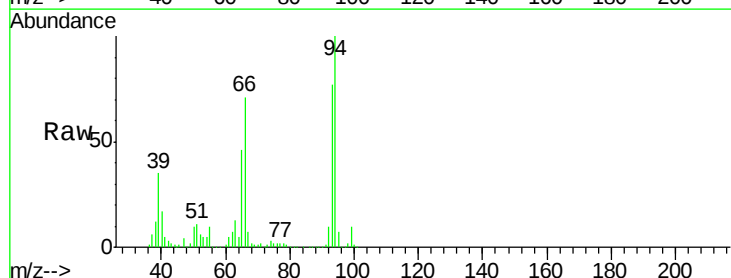
Tgt Ion: 93 Resp: 1030378

Ion Ratio Lower Upper

93 100

66 92.3 44.9 67.3#

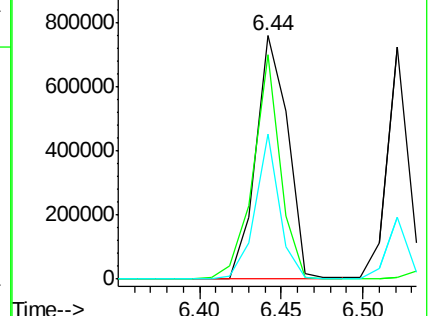
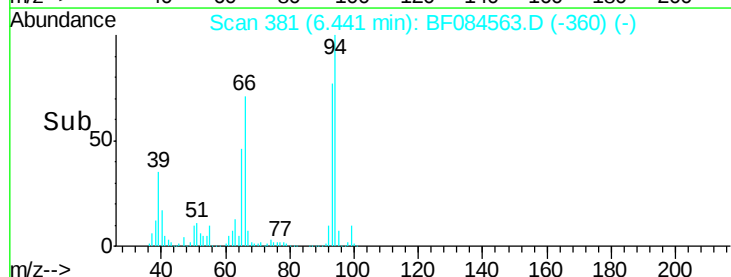
65 59.7 23.7 35.5#

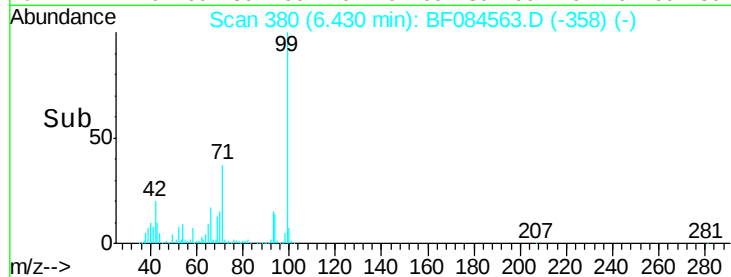
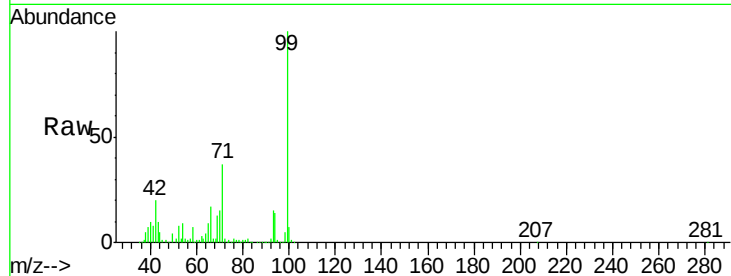
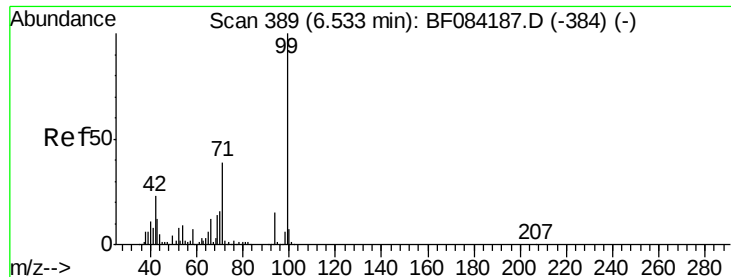


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tot Ion: 99 Resp: 1527458

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 36.6 30.9 46.3

Instrument :

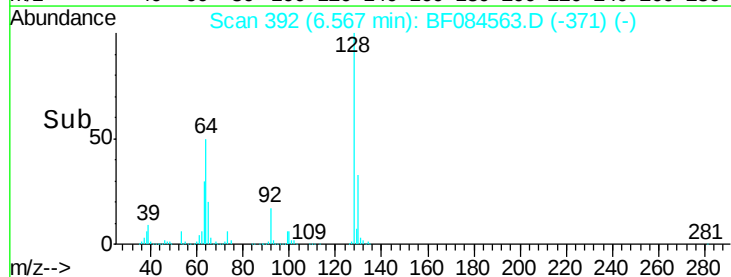
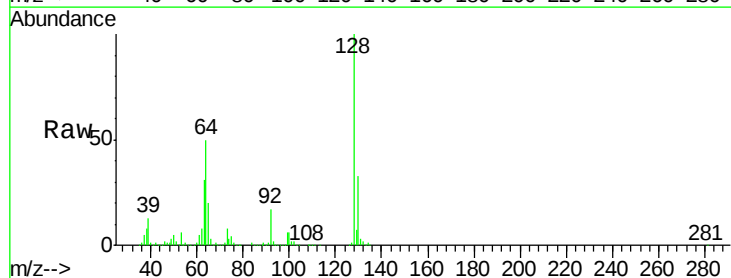
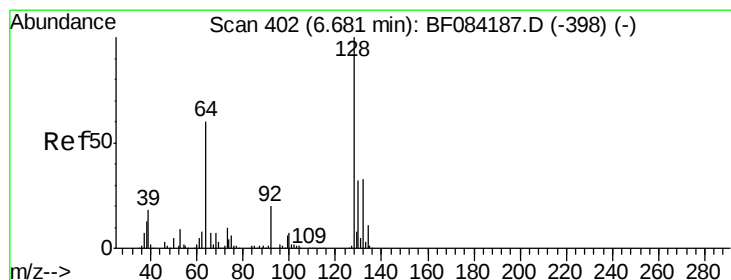
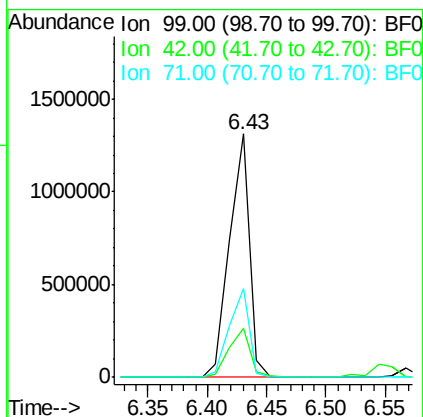
BNA_F

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#8

2-Chlorophenol

Concen: 40.38 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

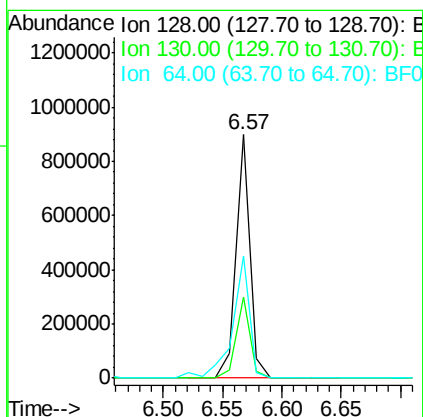
Tgt Ion: 128 Resp: 732524

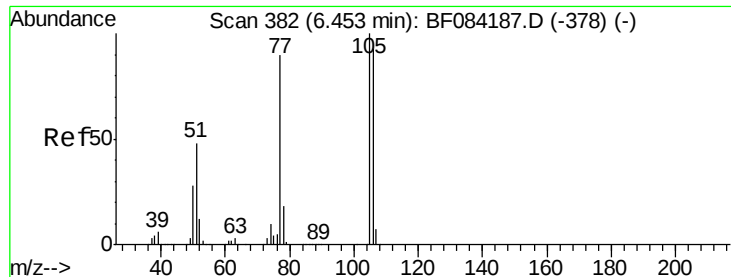
Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

64 49.9 23.8 63.8





#9

Benzaldehyde

Concen: 35.88 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

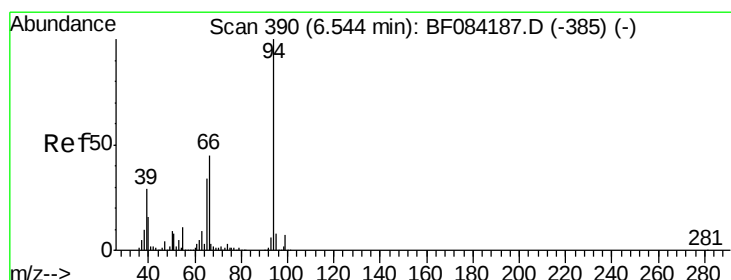
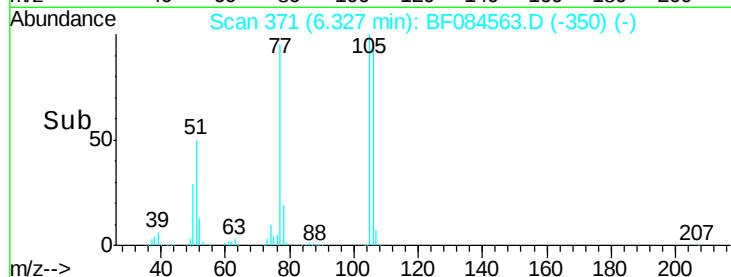
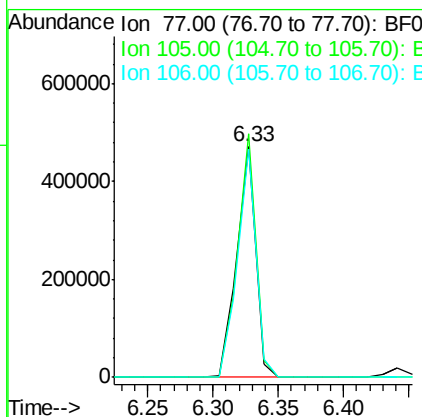
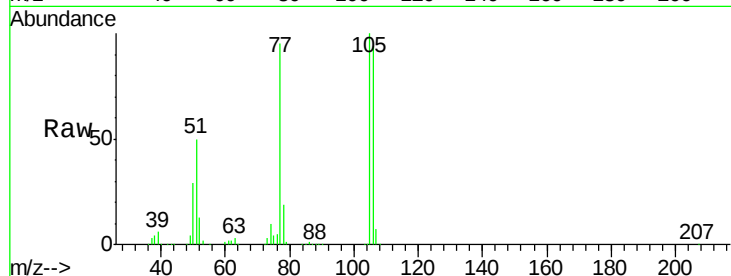
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.7	83.0	123.0		
106	98.8	74.6	114.6		

Manual Integrations
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#10

Phenol

Concen: 38.15 ng

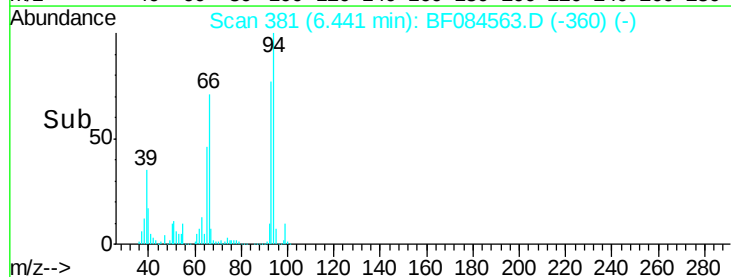
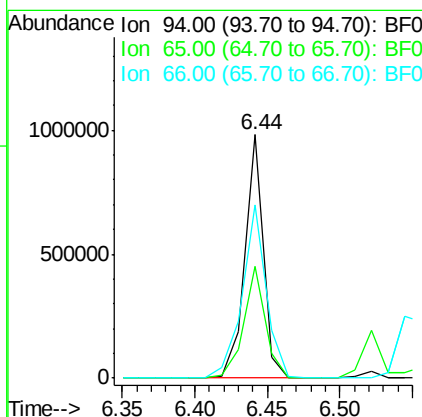
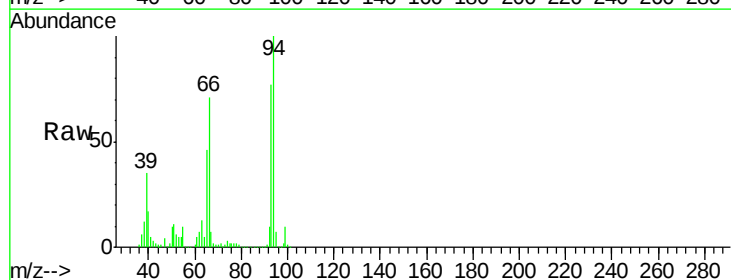
RT: 6.44 min Scan# 381

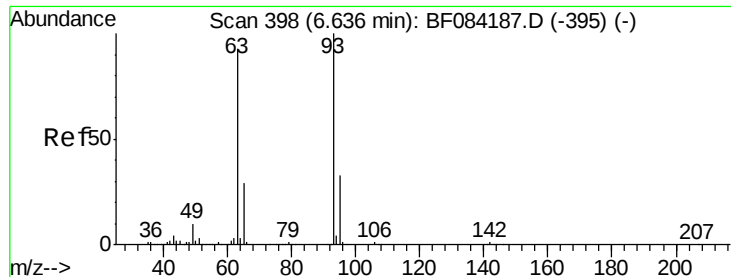
Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	46.1	12.9	52.9		
66	71.3	32.7	72.7		





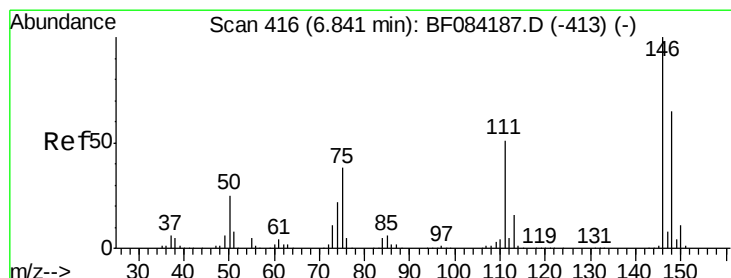
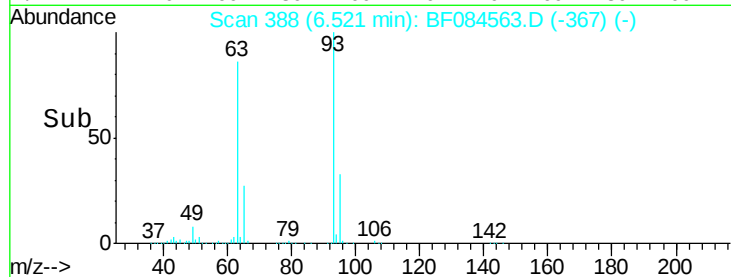
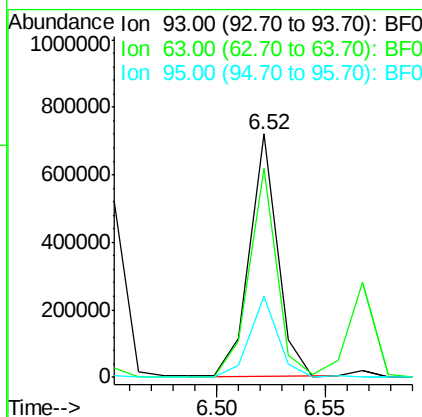
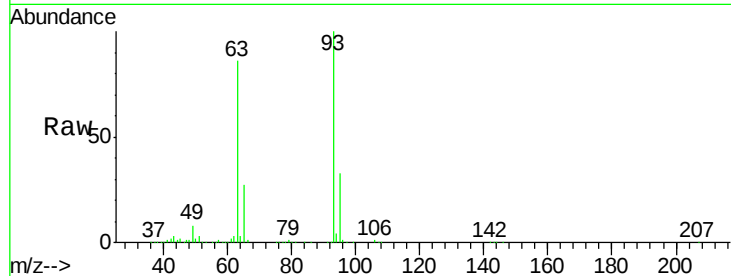
#11
bis(2-Chloroethyl)ether
Concen: 36.32 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	642270
Ion	Ratio	Lower	Upper
93	100		
63	85.7	45.9	85.9
95	33.3	12.3	52.3

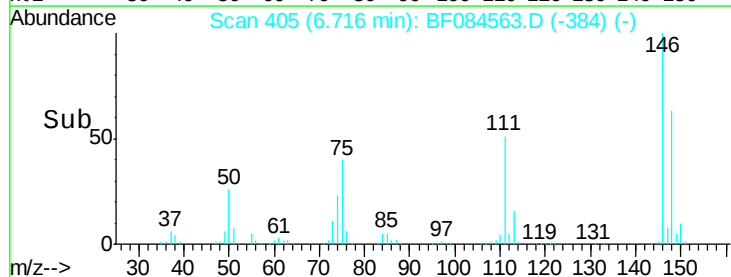
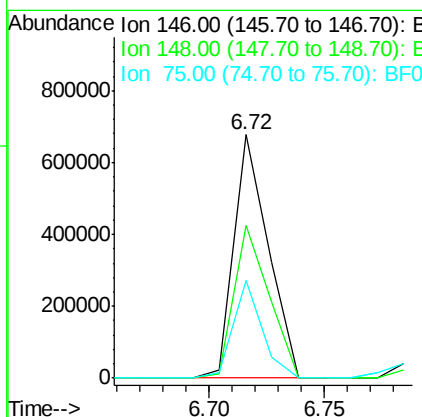
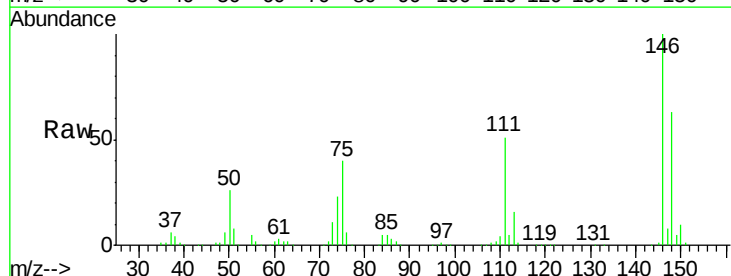
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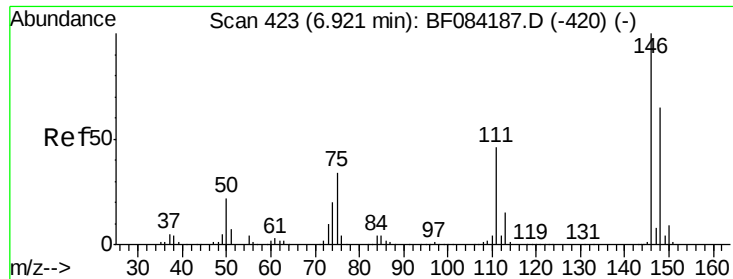
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#12
1,3-Dichlorobenzene
Concen: 37.43 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion:	146	Resp:	700344
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	39.9	20.5	30.7#





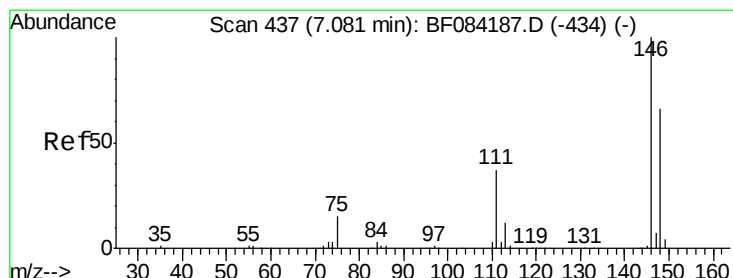
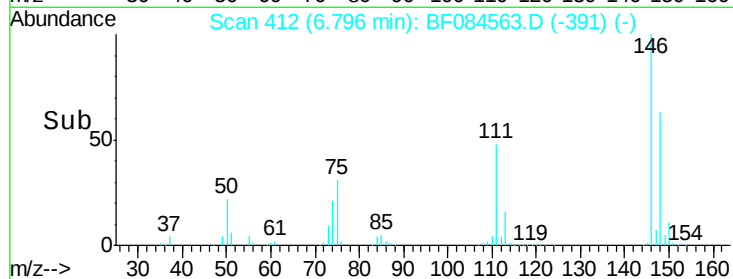
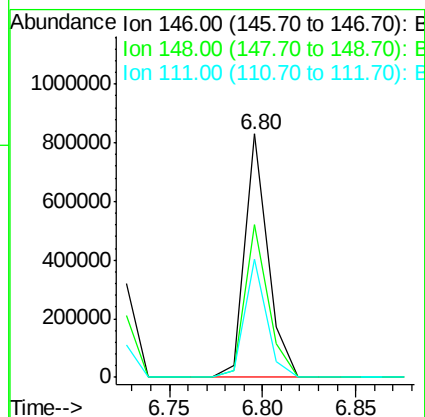
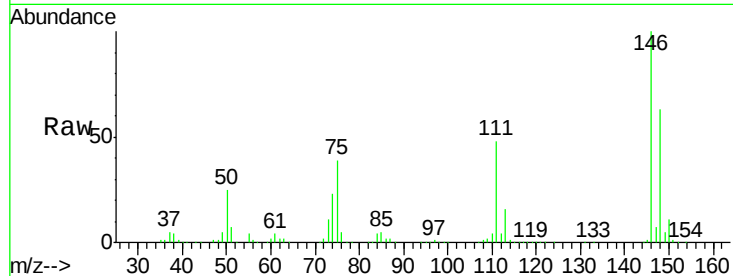
#13
 1,4-Dichlorobenzene
 Concen: 38.10 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
111	48.4	41.6	62.4

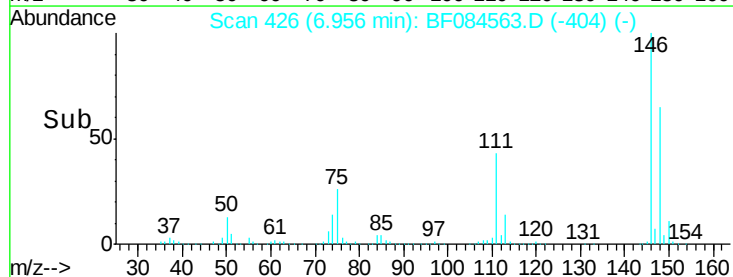
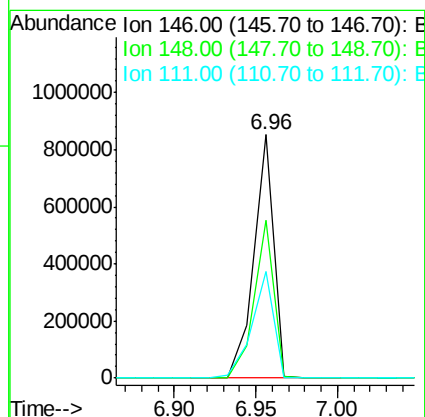
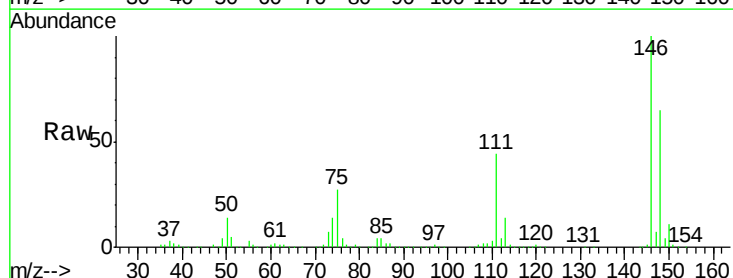
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#14
 1,2-Dichlorobenzene
 Concen: 39.96 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	43.7	38.0	57.0





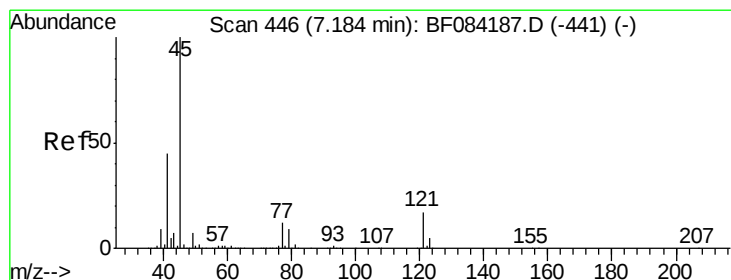
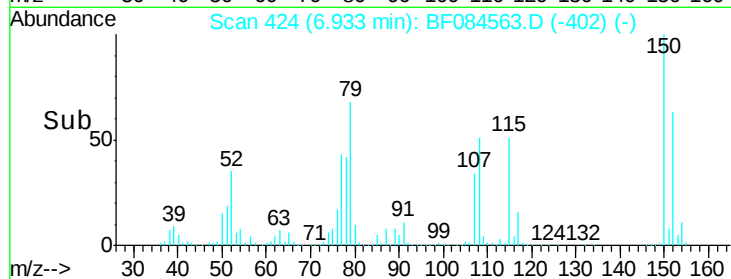
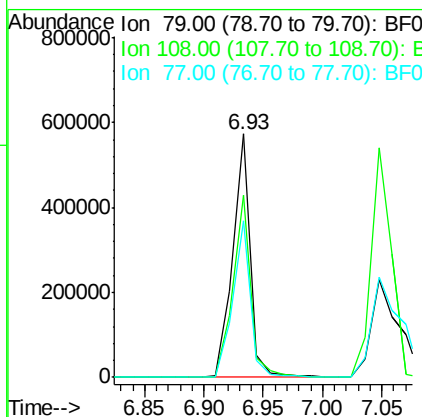
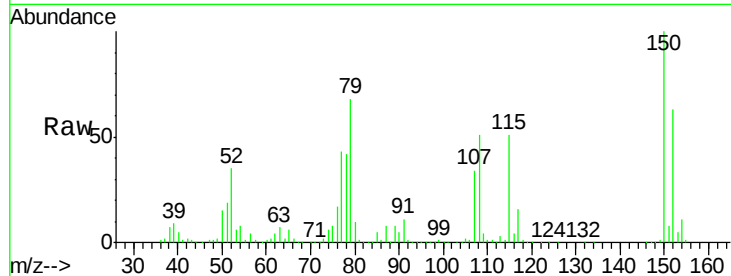
#15
Benzyl Alcohol
Concen: 34.94 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		590263		
108	74.7	69.0	103.4		
77	64.1	50.0	75.0		

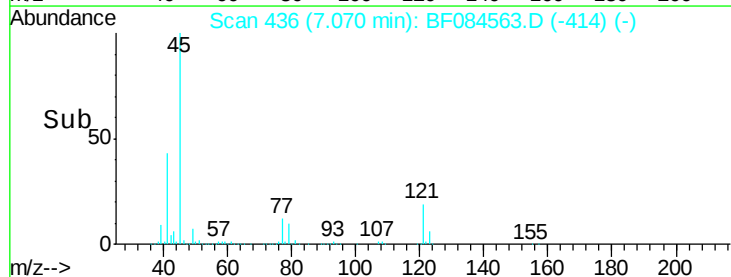
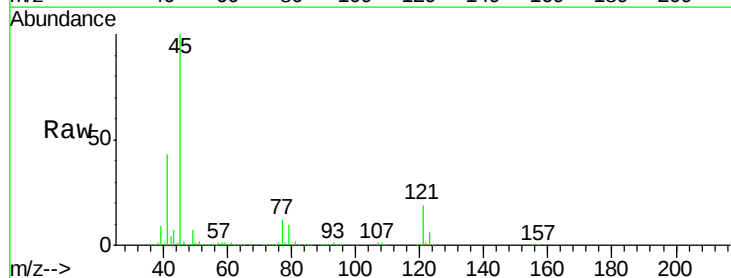
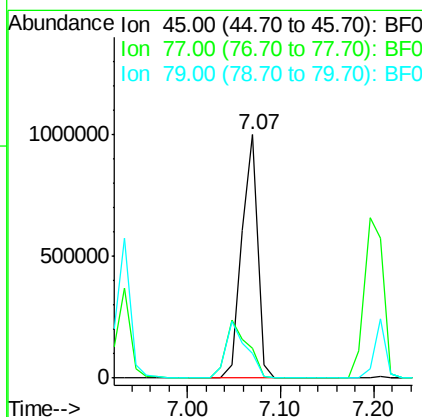
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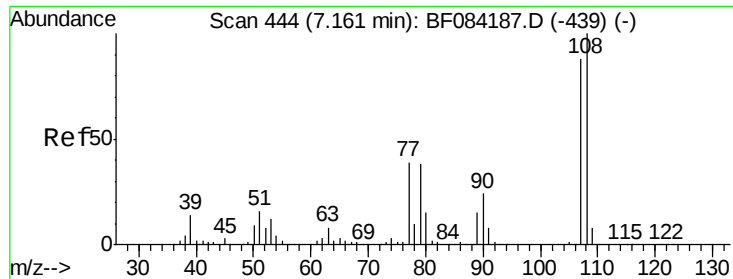
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.63 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		1179573		
77	12.4	0.0	39.6		
79	9.9	0.0	35.0		





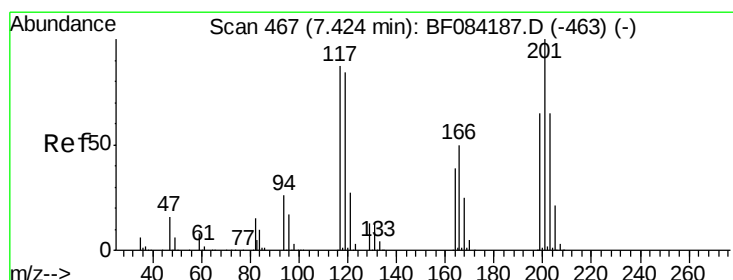
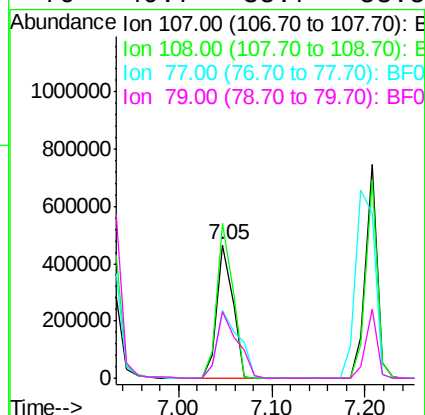
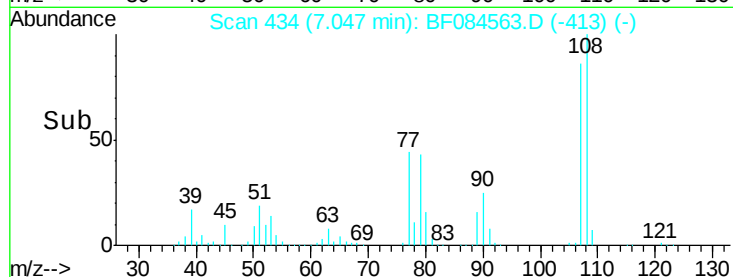
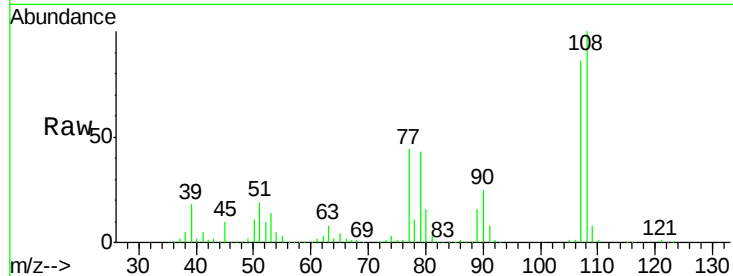
#17
2-Methylphenol
Concen: 36.51 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	555069		
108	116.1	89.8	134.6	
77	51.0	35.7	53.5	
79	49.7	35.7	53.5	

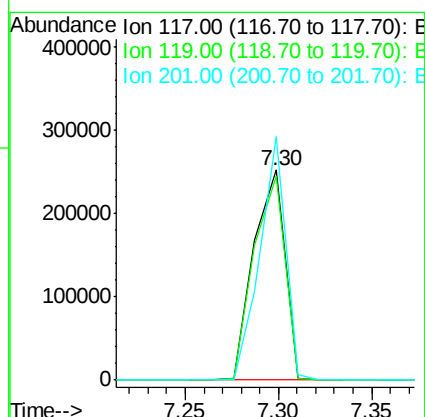
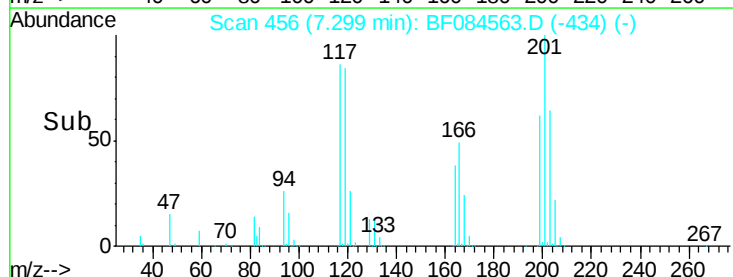
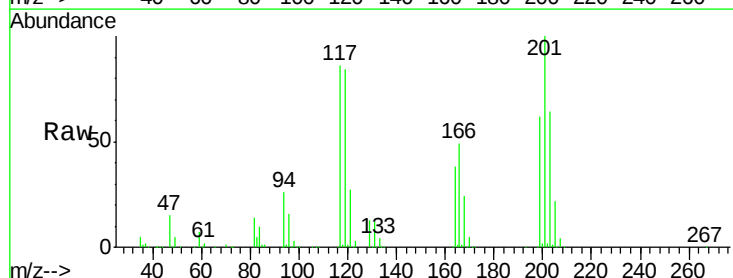
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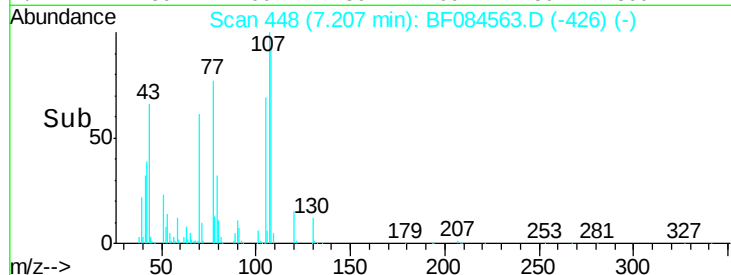
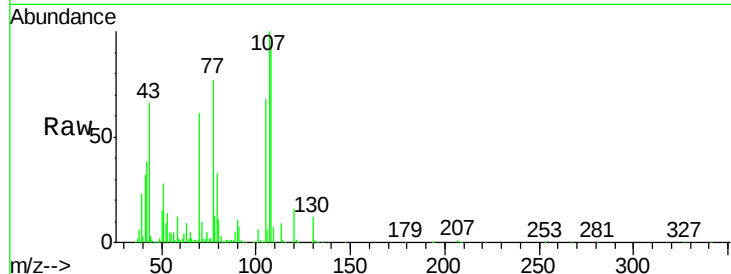
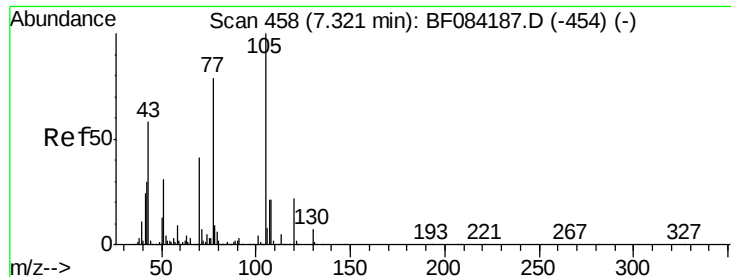
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#18
Hexachloroethane
Concen: 38.83 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291363		
119	97.2	77.4	116.0	
201	115.9	68.6	103.0	





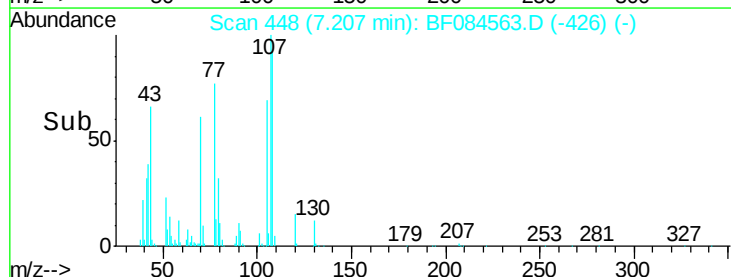
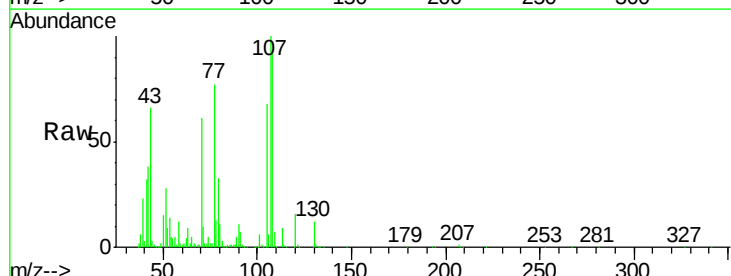
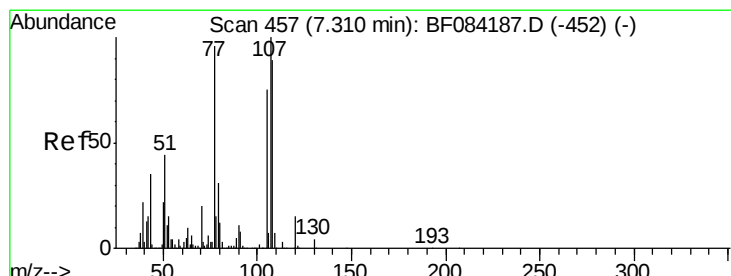
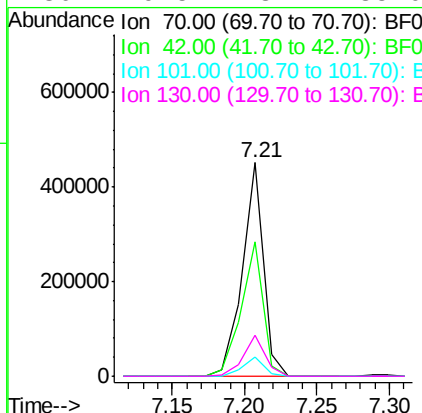
#19
n-Nitroso-di-n-propylamine
Concen: 33.51 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	33.3	49.9#
101	9.1	9.3	13.9#
130	19.5	23.4	35.0#

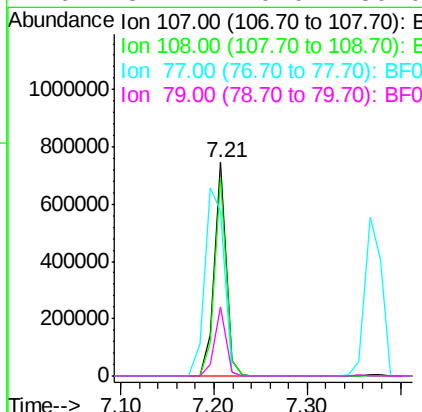
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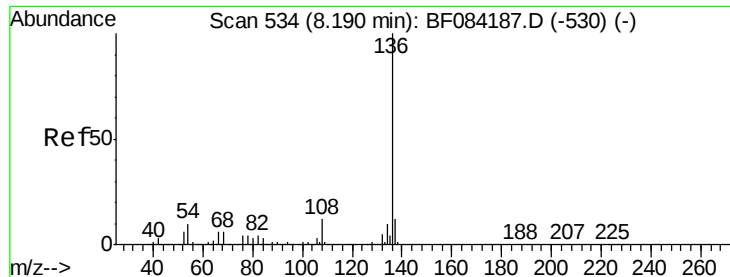
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#20
3+4-Methylphenols
Concen: 36.58 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	74.6	114.6
77	77.2	0.7	40.7#
79	32.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1023520

Ion Ratio Lower Upper

136 100

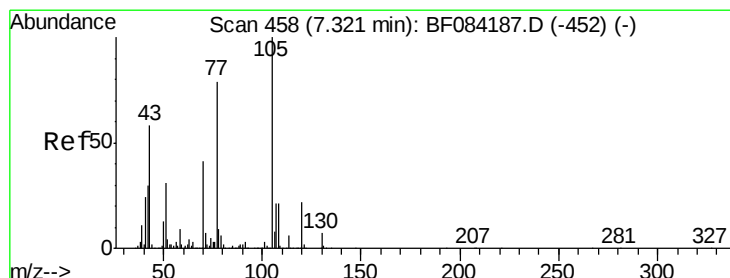
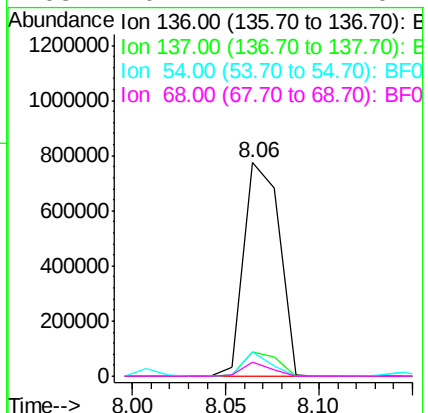
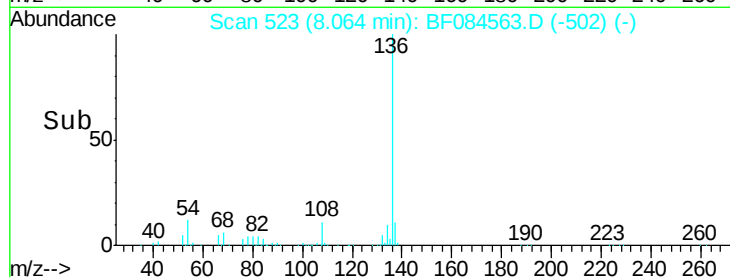
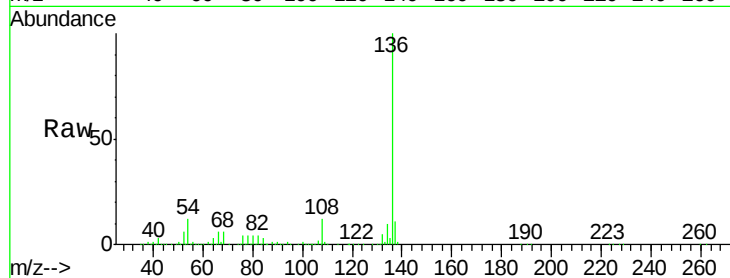
137 11.5 8.7 13.1

54 11.6 5.8 8.8#

68 6.4 4.2 6.2#

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#22

Acetophenone

Concen: 39.27 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:105 Resp: 966503

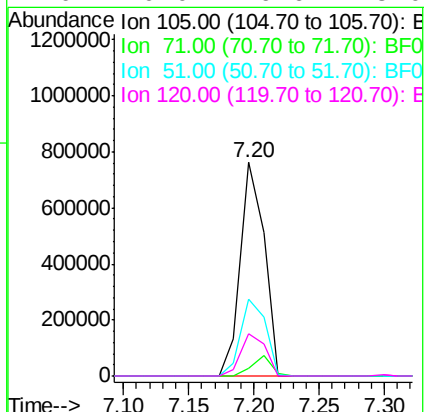
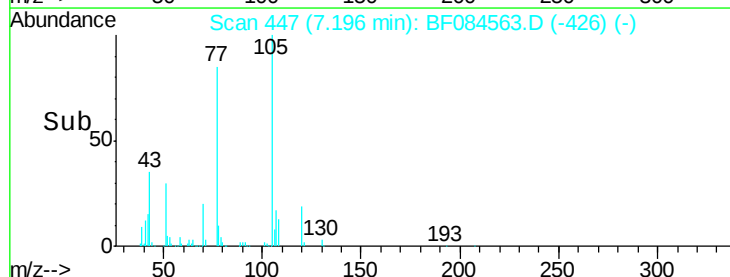
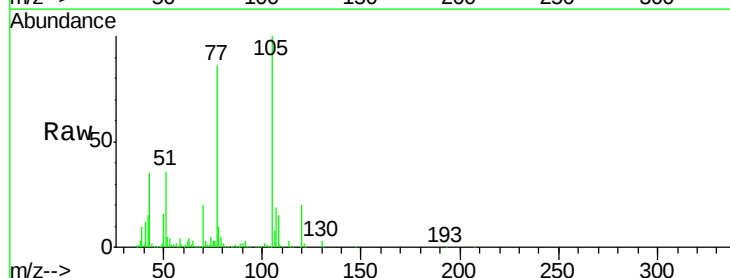
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 35.8 25.1 37.7

120 20.0 16.6 25.0





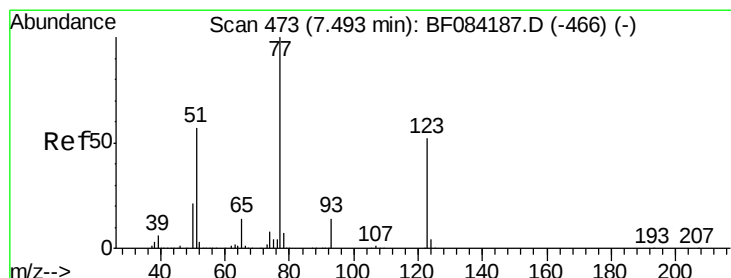
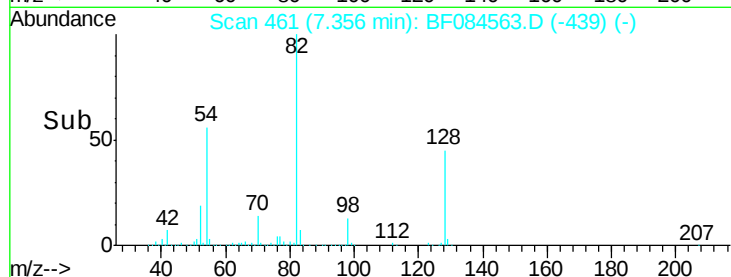
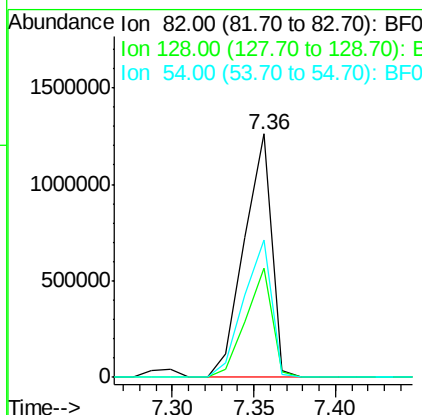
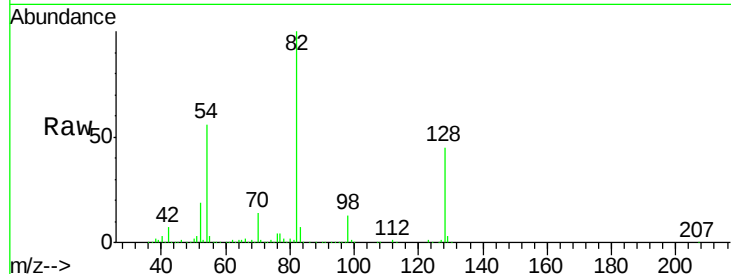
#23
 Nitrobenzene-d5
 Concen: 79.88 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion: 82 Resp: 1469080
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 56.3 38.4 57.6

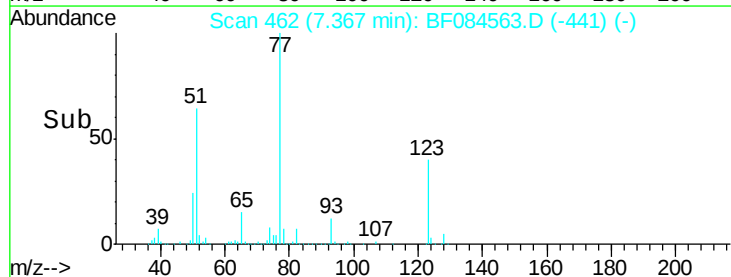
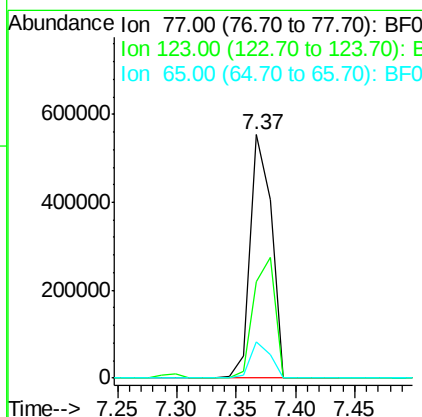
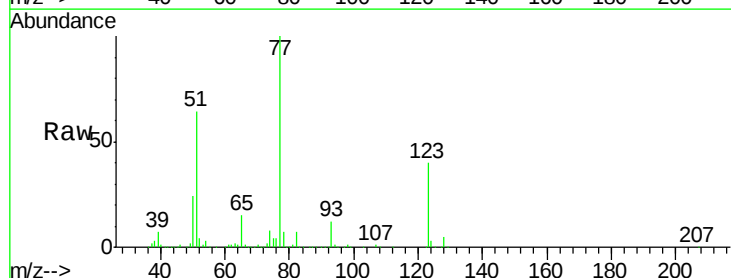
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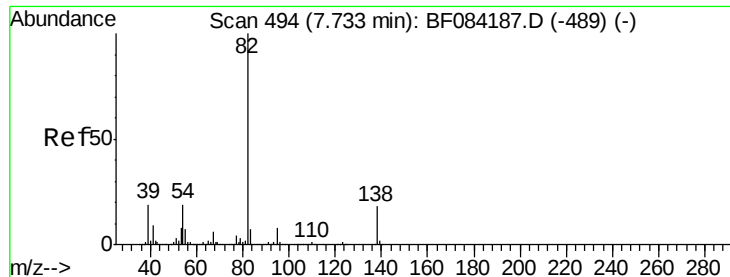
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#24
 Nitrobenzene
 Concen: 37.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion: 77 Resp: 697175
 Ion Ratio Lower Upper
 77 100
 123 39.9 37.4 56.2
 65 15.1 10.9 16.3





#25

Isophorone

Concen: 40.06 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1409048

Ion Ratio Lower Upper

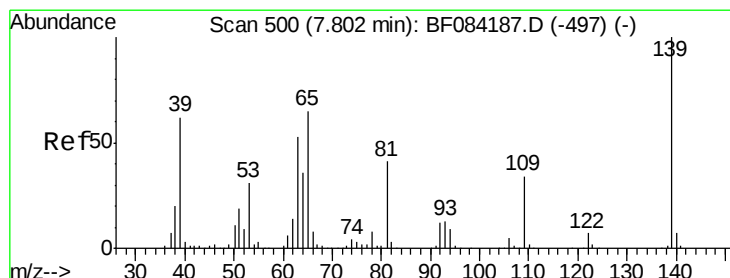
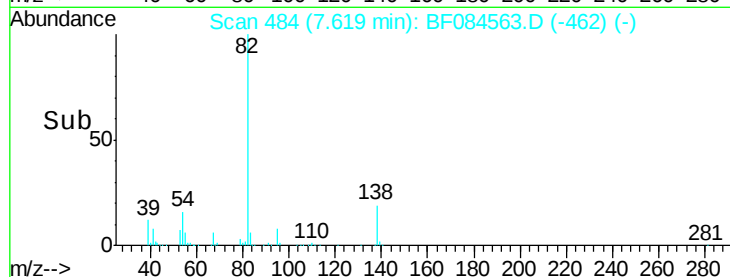
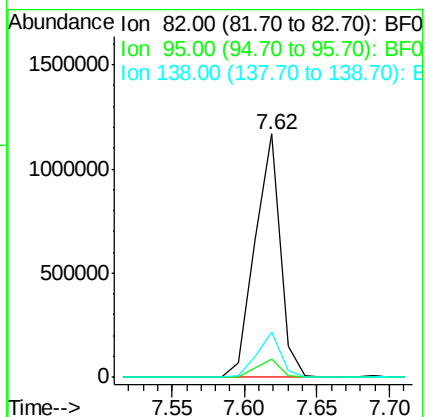
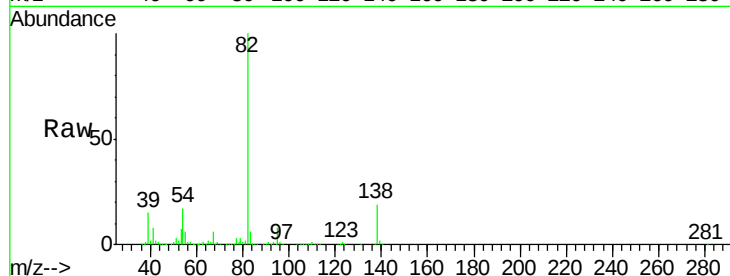
82 100

95 7.6 6.6 10.0

138 18.8 13.6 20.4

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#26

2-Nitrophenol

Concen: 45.42 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

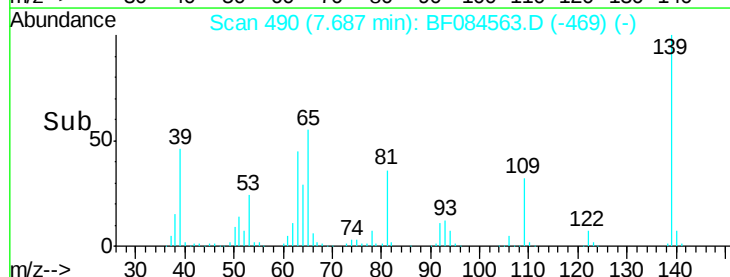
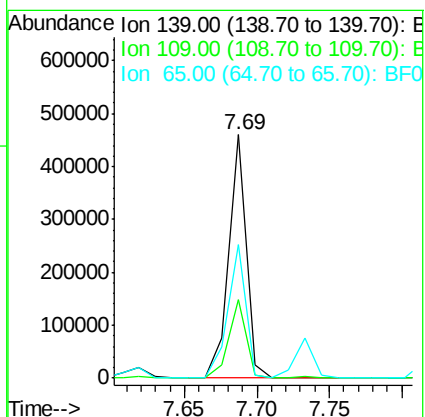
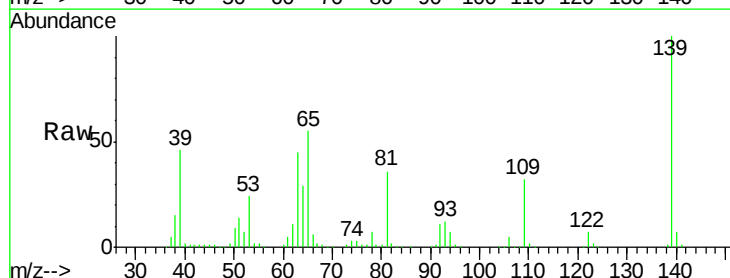
Tgt Ion: 139 Resp: 385584

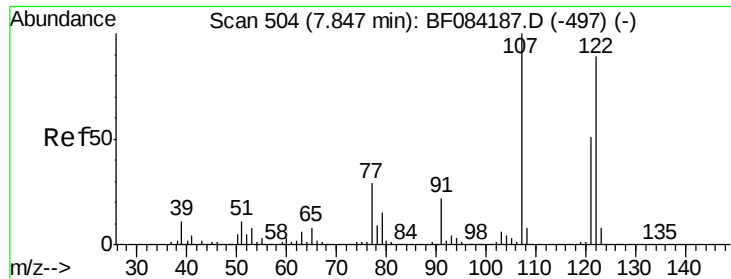
Ion Ratio Lower Upper

139 100

109 32.1 25.4 38.2

65 55.0 32.3 48.5#





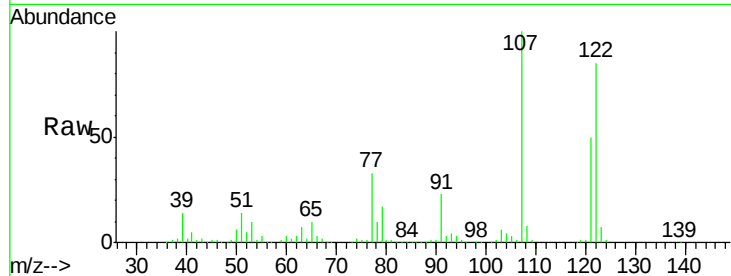
#27
 2,4-Dimethylphenol
 Concen: 36.39 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	99.1	148.7
121	58.5	47.9	71.9

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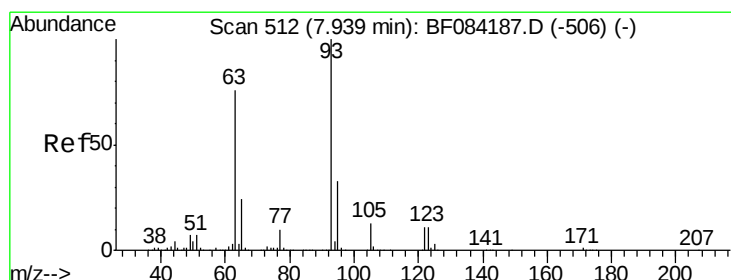
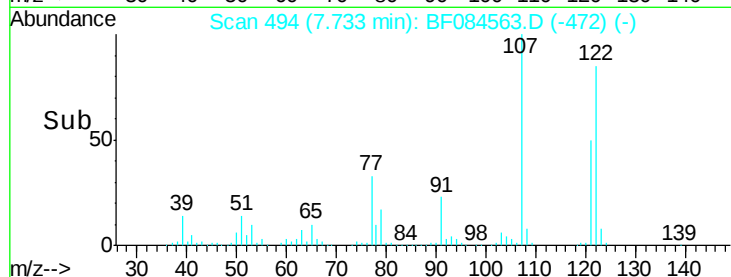
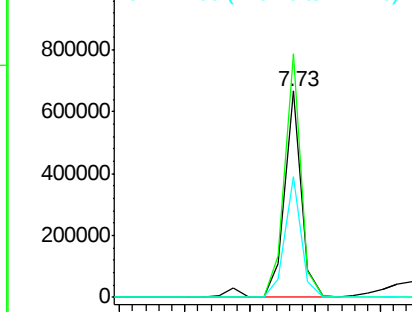


Abundance

Ion 122.00 (121.70 to 122.70): E

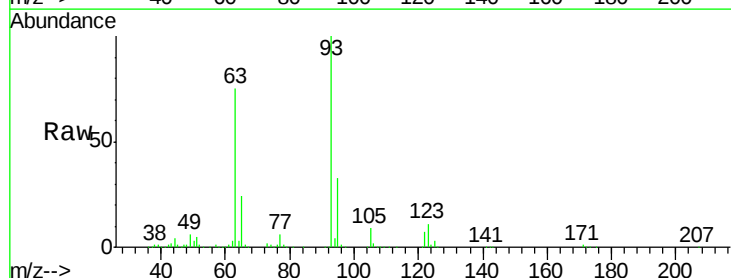
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.95 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.06 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	10.8	8.6	12.8

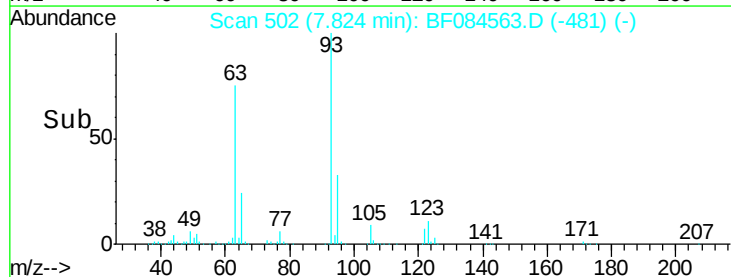
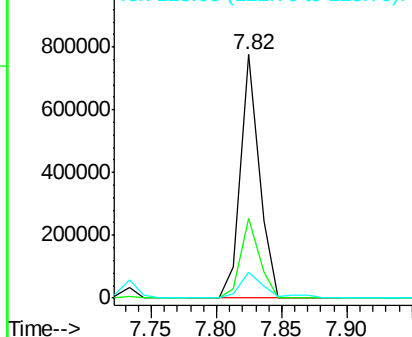


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





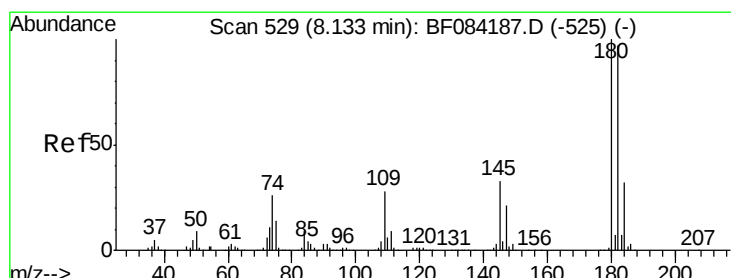
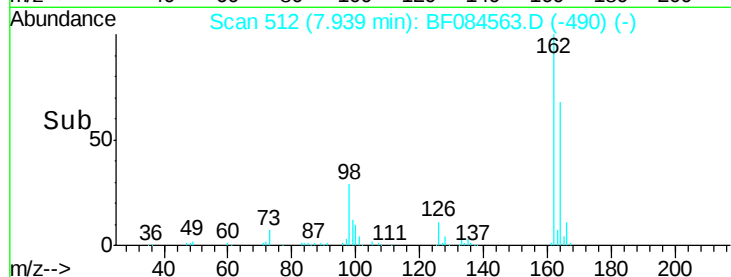
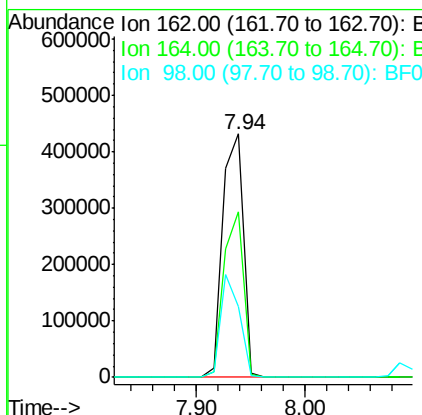
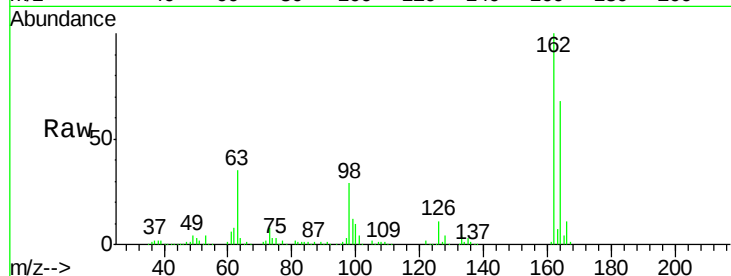
#29
2,4-Dichlorophenol
Concen: 39.72 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	568582
Ion Ratio	Lower	Upper	
162	100		
164	67.8	44.1	84.1
98	29.3	20.2	60.2

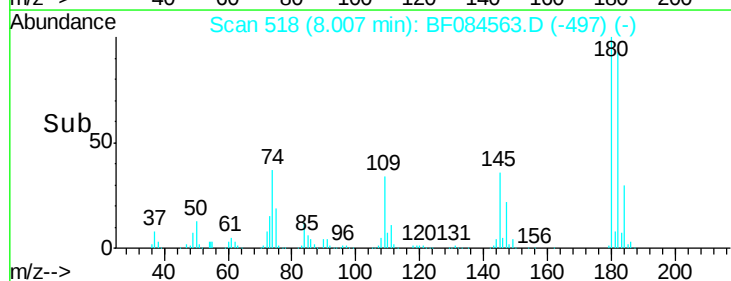
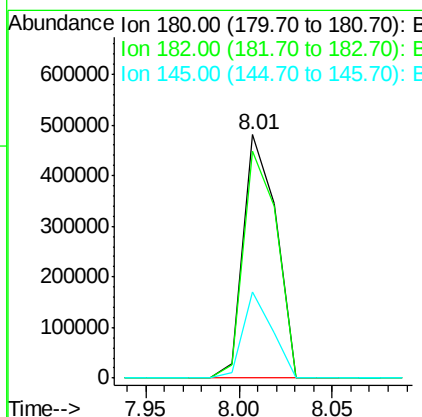
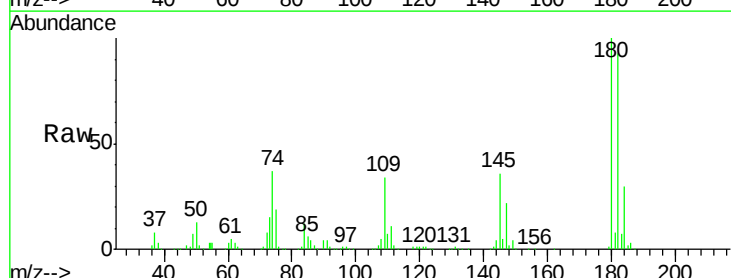
Manual Integrations
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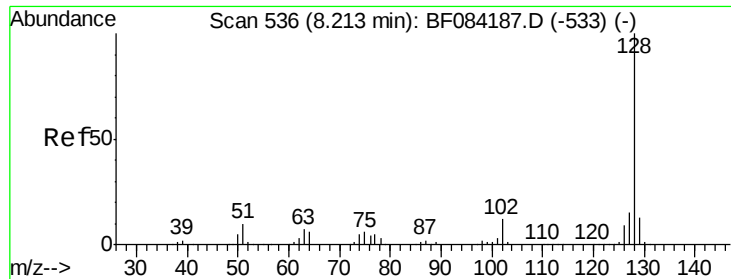
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.70 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion:	180	Resp:	586623
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.4	114.6
145	35.6	31.6	47.4





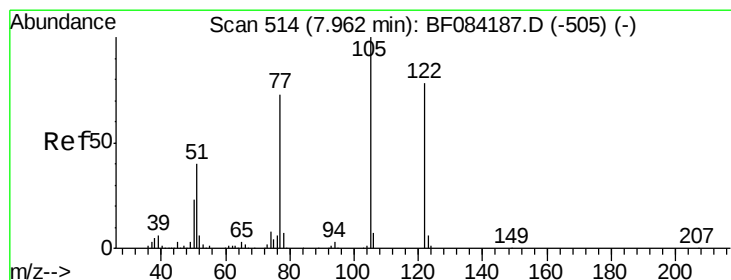
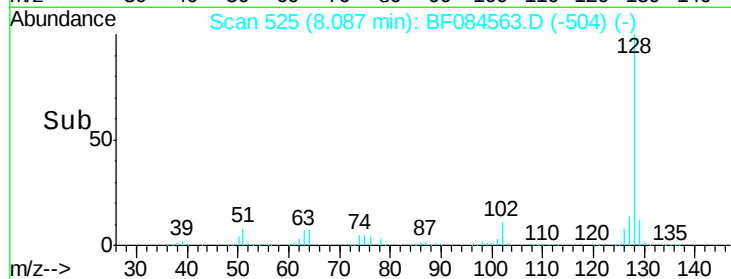
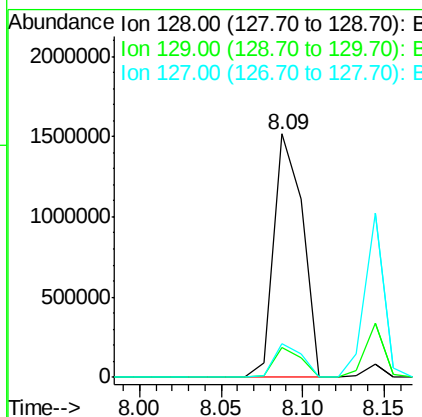
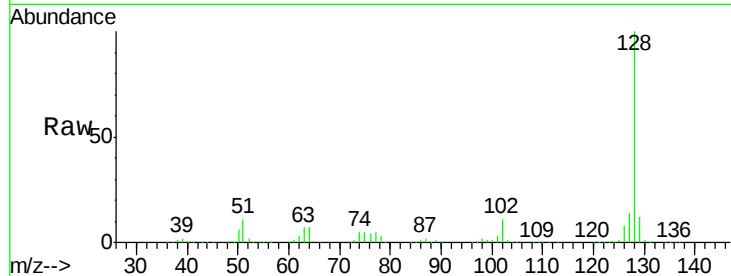
#31
Naphthalene
Concen: 40.21 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.9	11.1	16.7

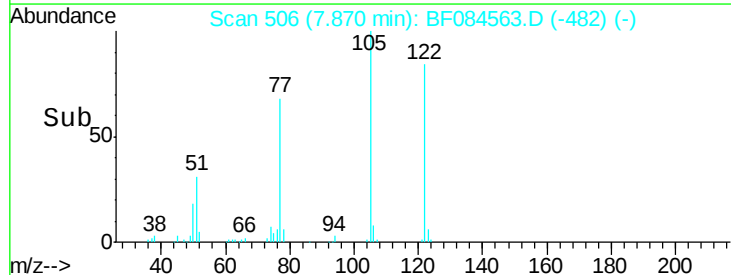
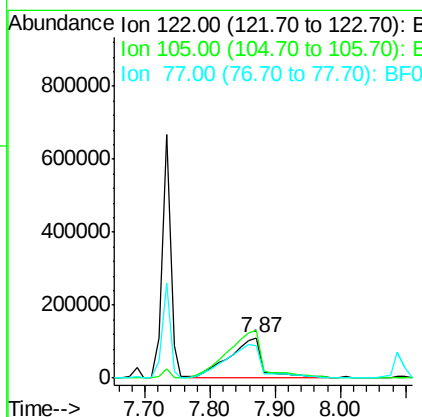
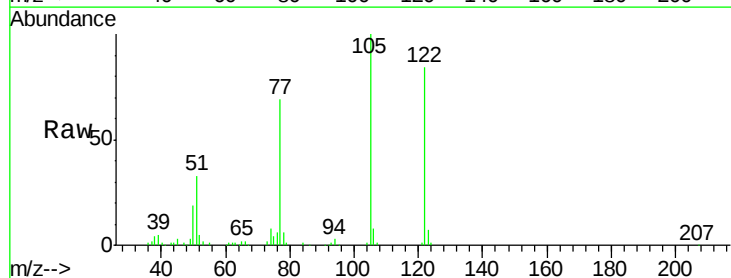
Manual Integrations
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#32
Benzoic acid
Concen: 36.81 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	100.3	140.3
77	82.2	63.5	103.5





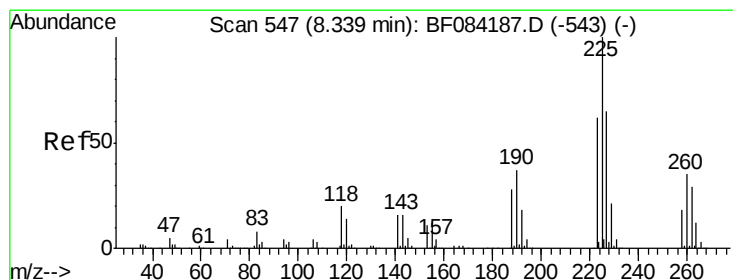
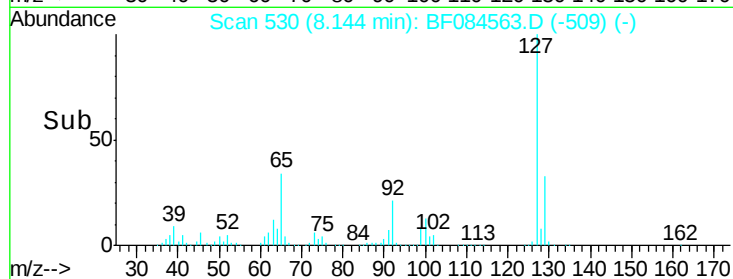
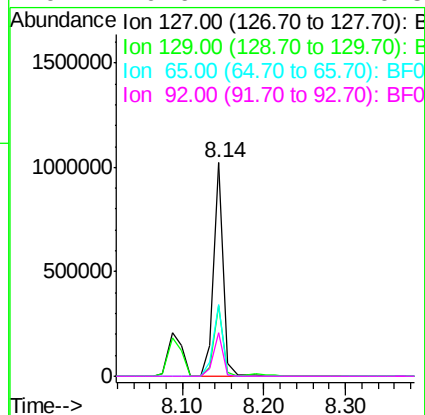
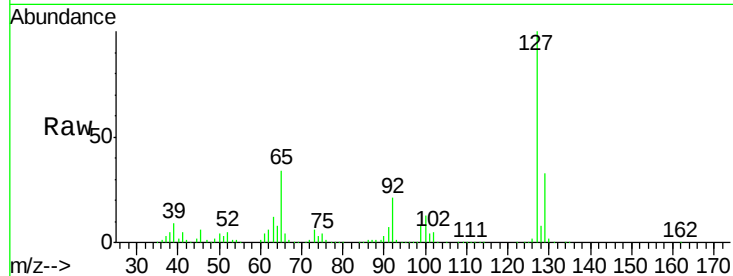
#33
4-Chloroaniline
Concen: 40.46 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		861293		
129	32.9	26.5	39.7		
65	33.6	27.2	40.8		
92	20.6	17.7	26.5		

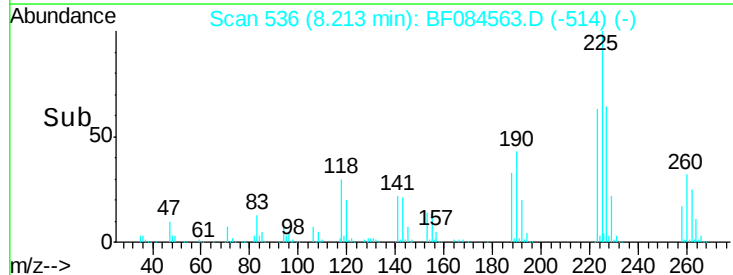
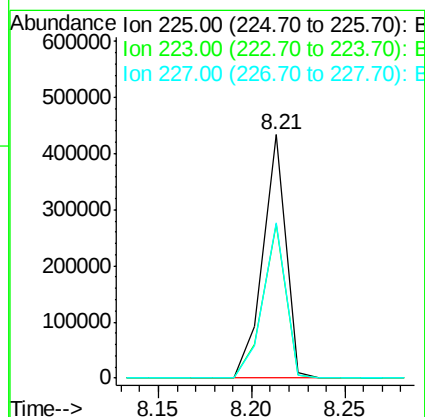
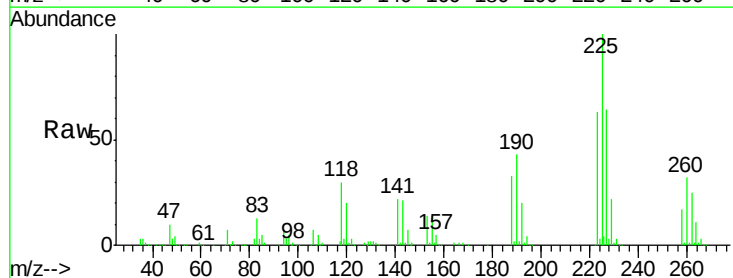
Manual Integrations
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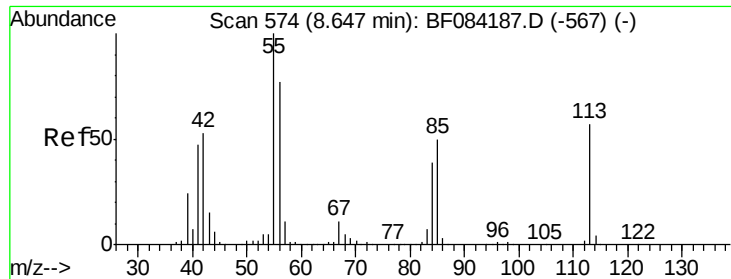
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#34
Hexachlorobutadiene
Concen: 43.29 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		367721		
223	63.0	49.4	74.0		
227	63.7	50.8	76.2		





#35

Caprolactam

Concen: 36.67 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

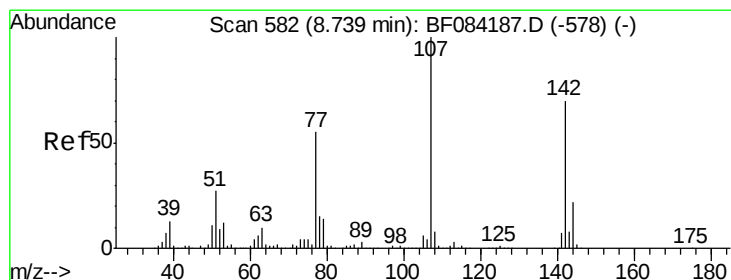
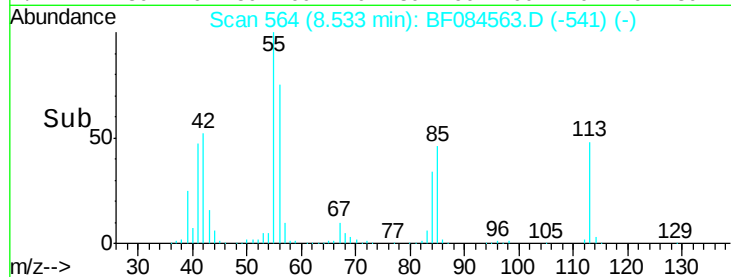
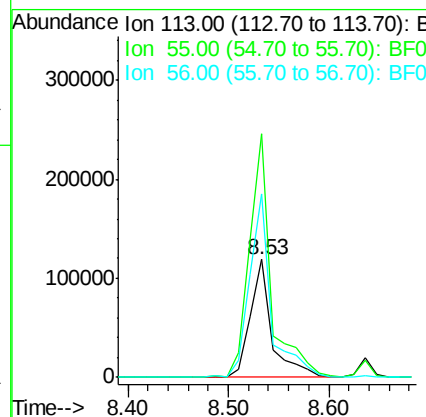
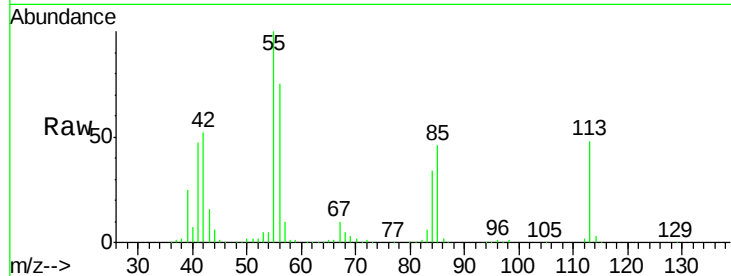
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	206.4	116.9	156.9#
56	155.6	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 37.77 ng

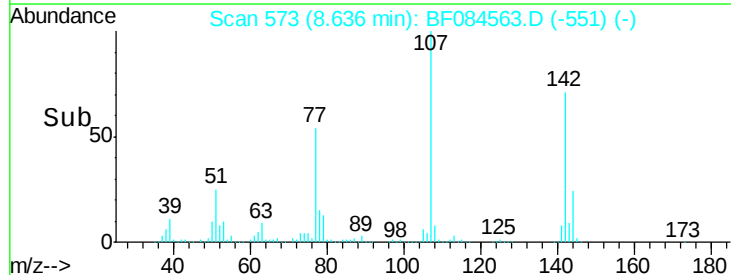
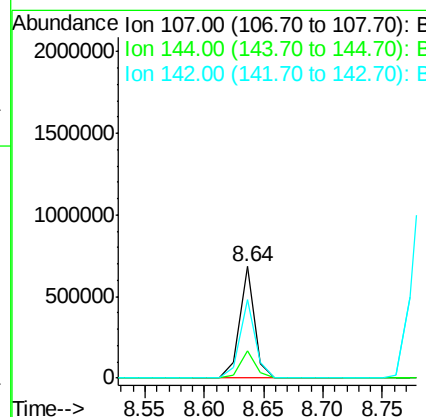
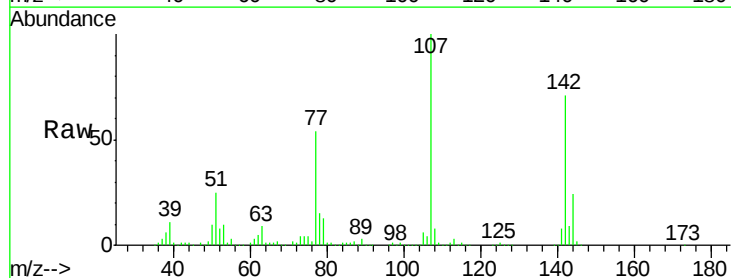
RT: 8.64 min Scan# 573

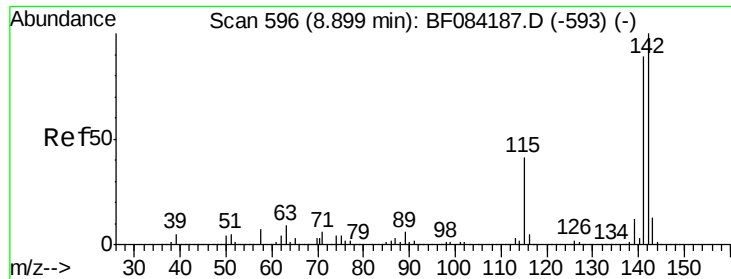
Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.7	29.5
142	71.0	61.8	92.6





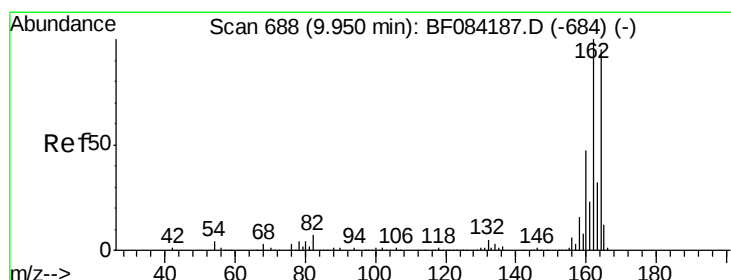
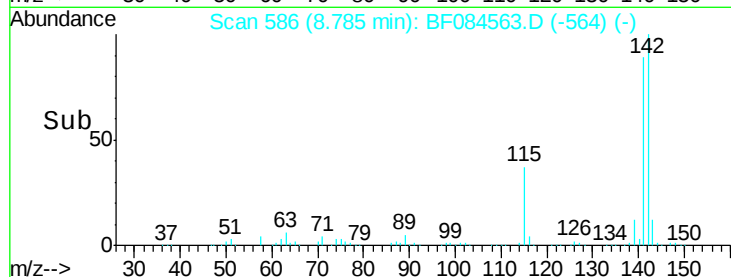
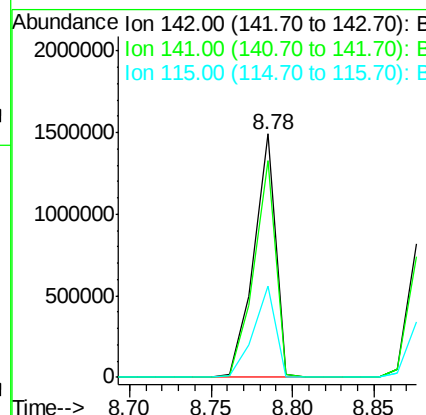
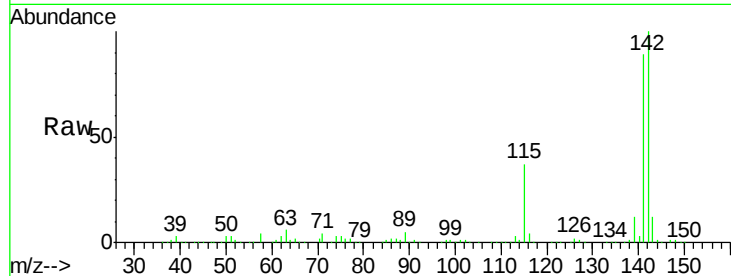
#37
2-Methylnaphthalene
Concen: 41.59 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.4	108.6
115	37.4	27.9	41.9

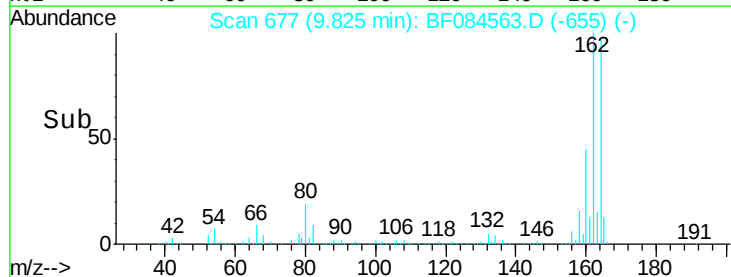
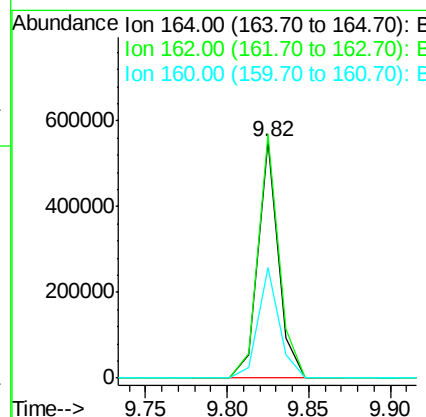
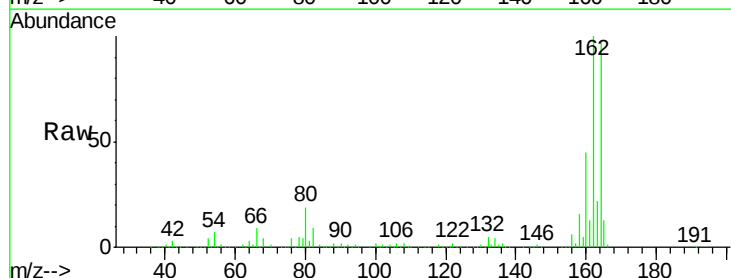
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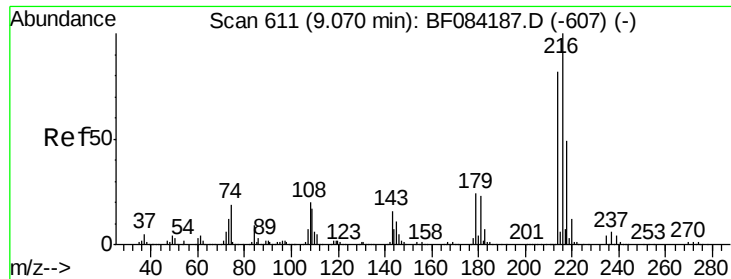
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	46.6	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.32 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

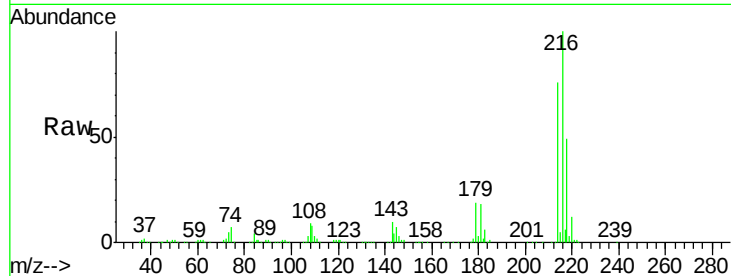
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		572794		
214	79.1		64.2	96.2	
179	22.2		18.7	28.1	
108	19.9		16.8	25.2	

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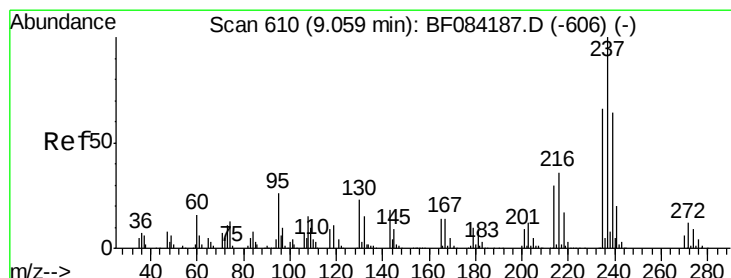
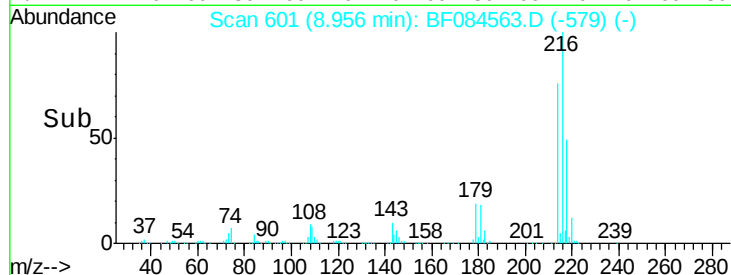
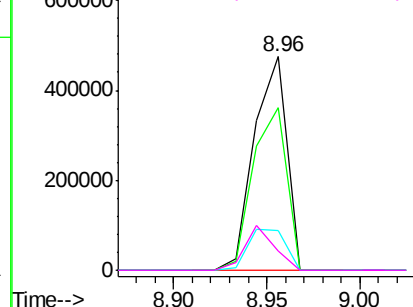


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.21 ng

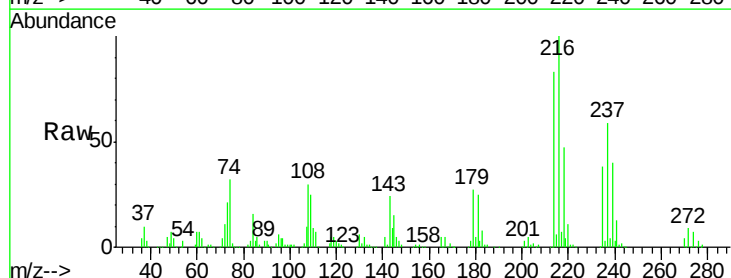
RT: 8.94 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

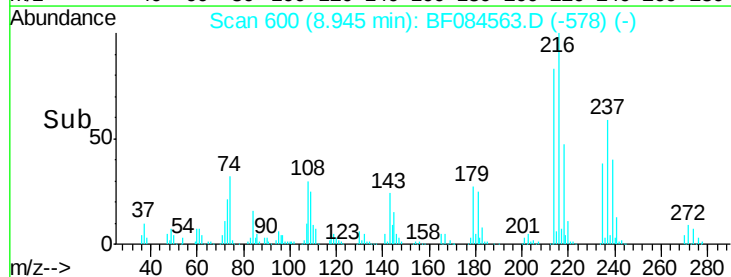
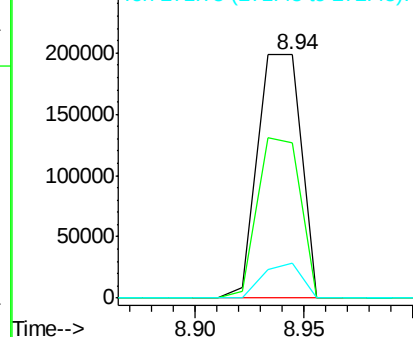
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		277944		
235	64.0		43.1	83.1	
272	14.6		0.0	35.1	

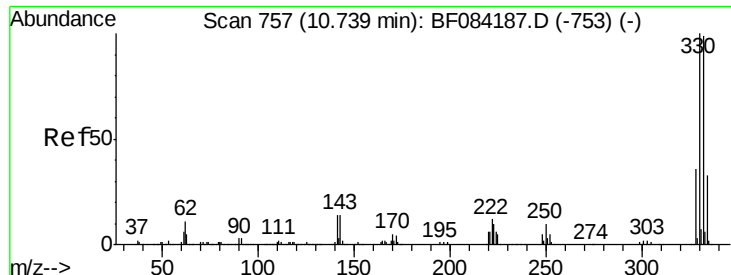


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





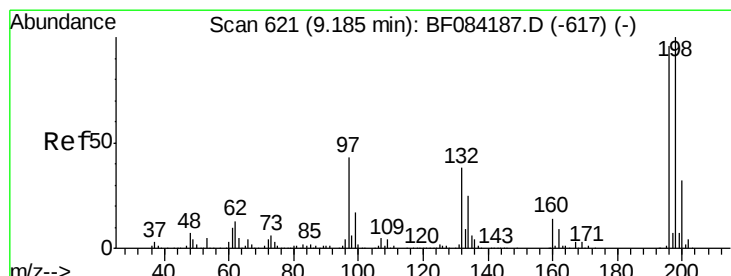
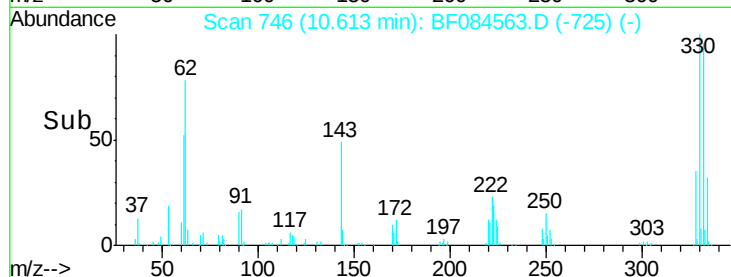
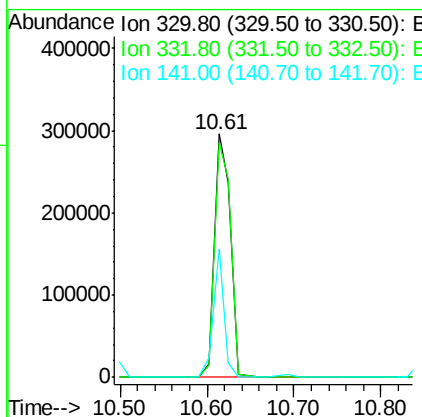
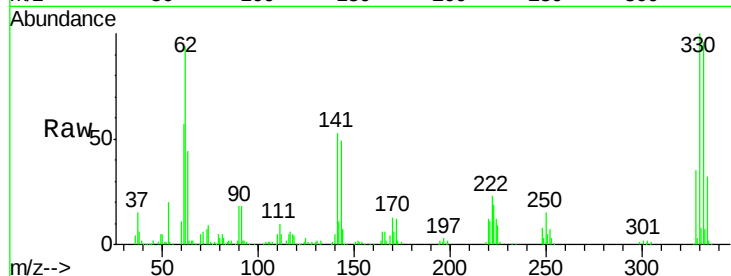
#41
 2,4,6-Tribromophenol
 Concen: 78.52 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	382273		
332	98.7	76.6	114.8	
141	35.9	27.8	41.6	

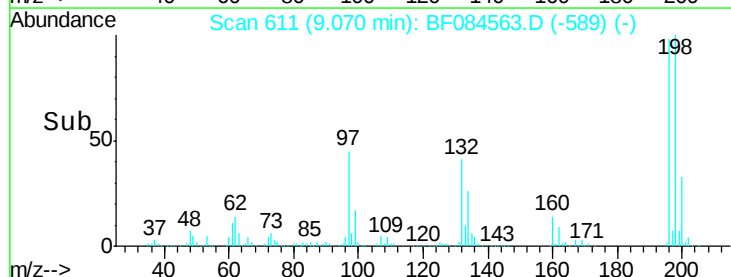
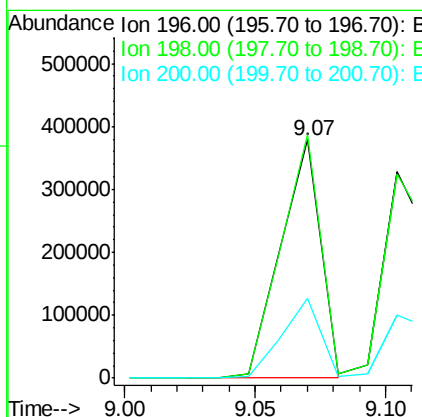
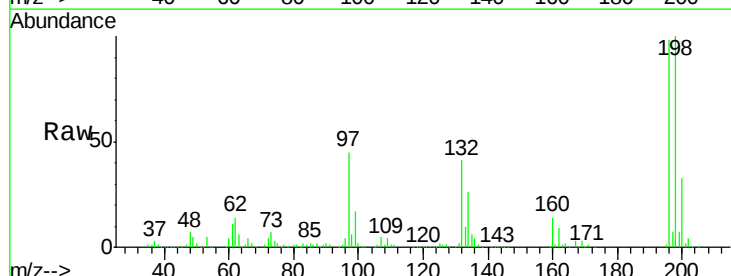
Manual Integrations
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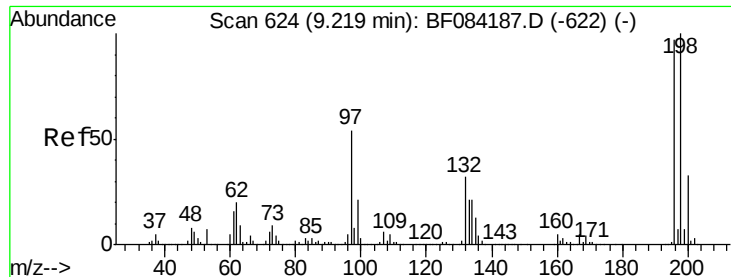
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	402626		
198	102.4	77.7	116.5	
200	33.5	24.6	37.0	





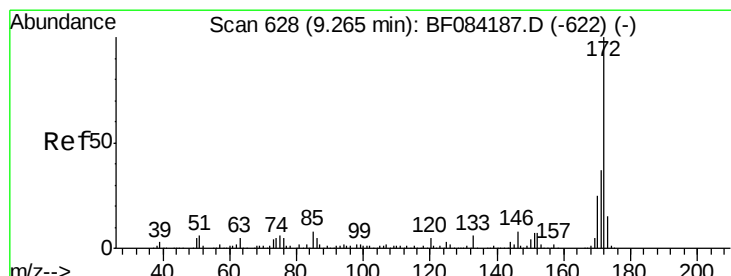
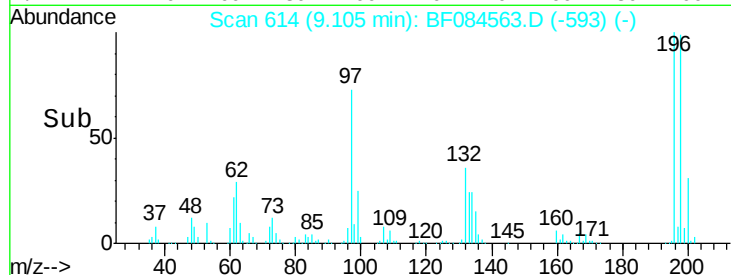
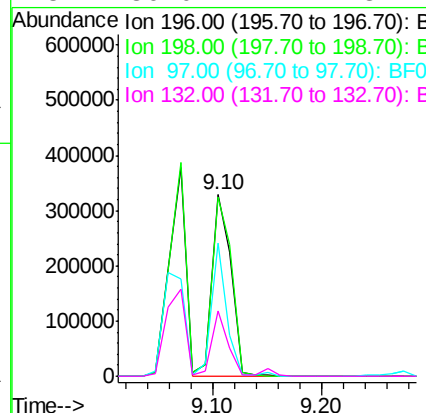
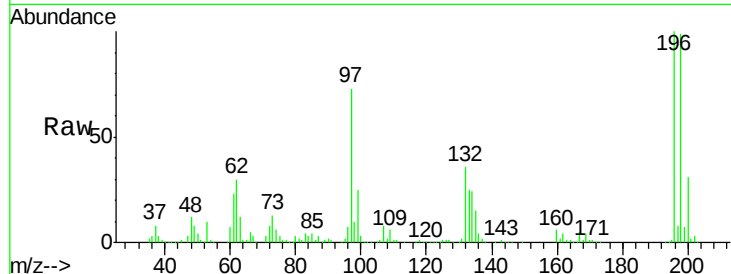
#43
2,4,5-Trichlorophenol
Concen: 40.49 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	402616		
198	98.7	79.0	118.6	
97	73.0	33.0	49.6	
132	36.0	21.1	31.7	

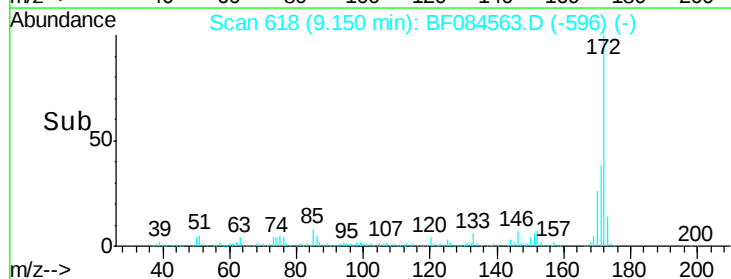
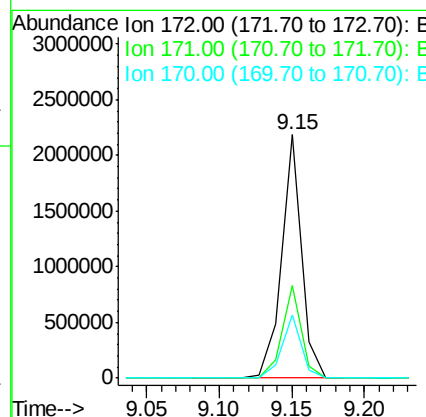
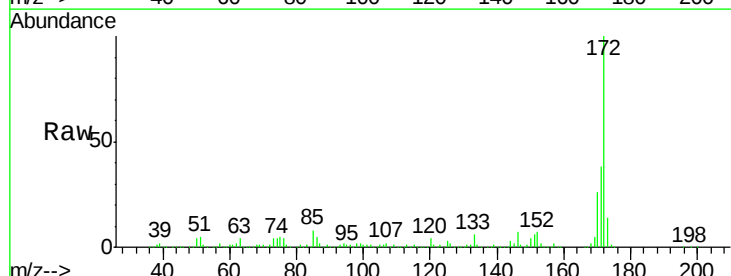
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#44
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2077658		
171	37.8	28.9	43.3	
170	26.0	18.6	27.8	





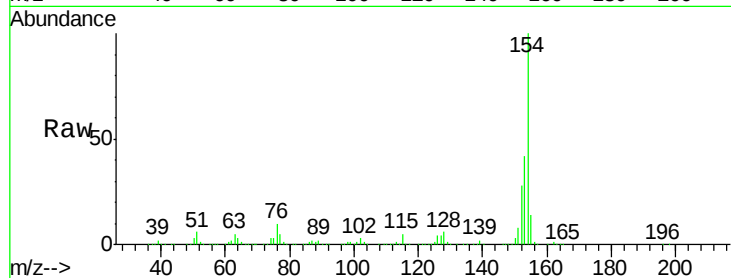
#45
 1,1'-Biphenyl
 Concen: 44.09 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.6	61.6
76	10.3	0.0	32.7

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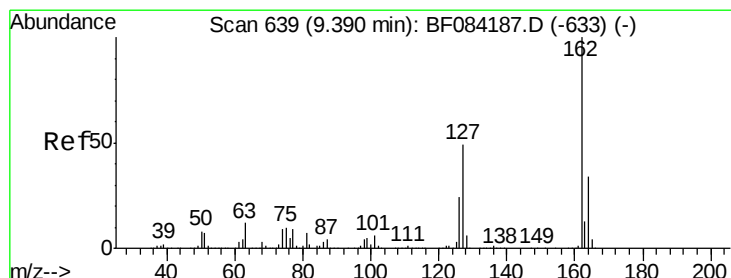
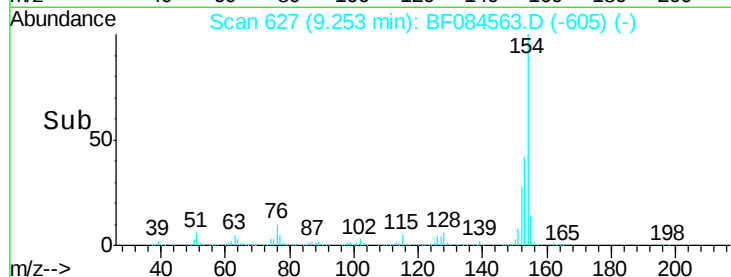
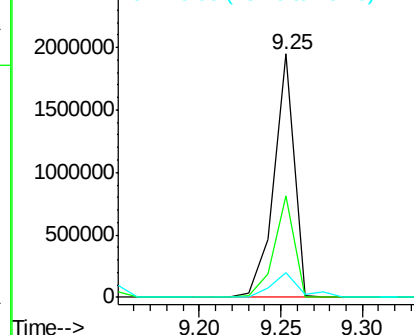


Abundance

Ion 154.00 (153.70 to 154.70): E

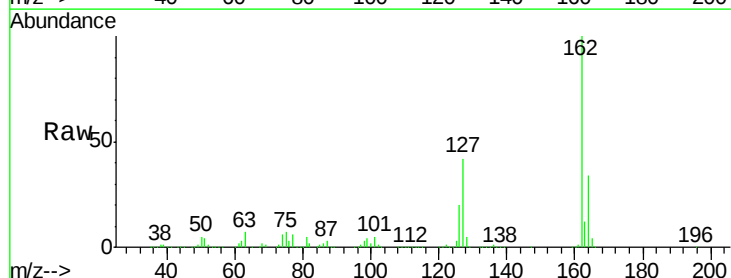
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 41.64 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	40.2	60.4
164	34.5	25.7	38.5

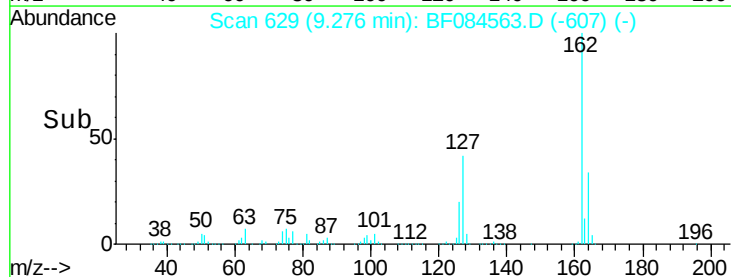
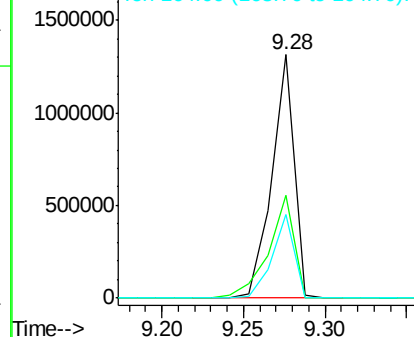


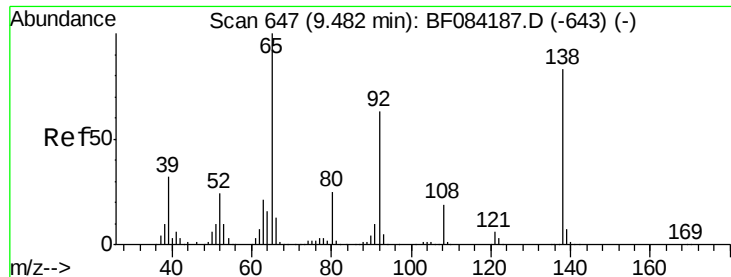
Abundance

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





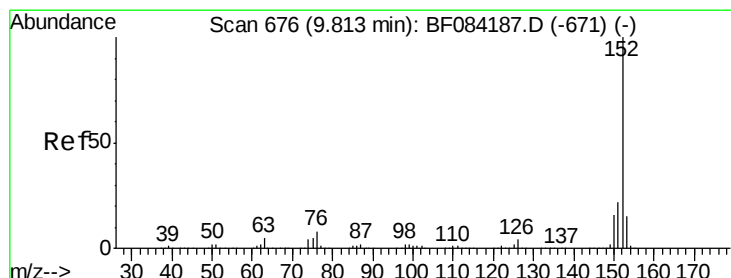
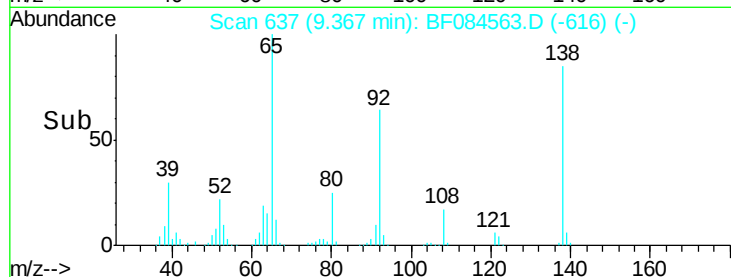
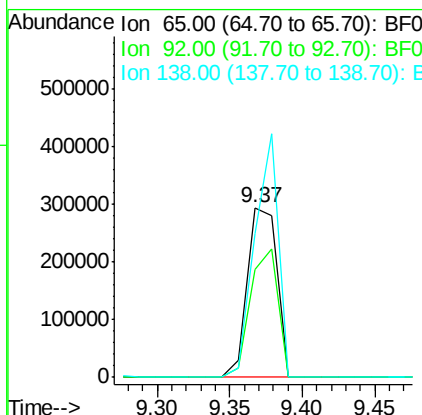
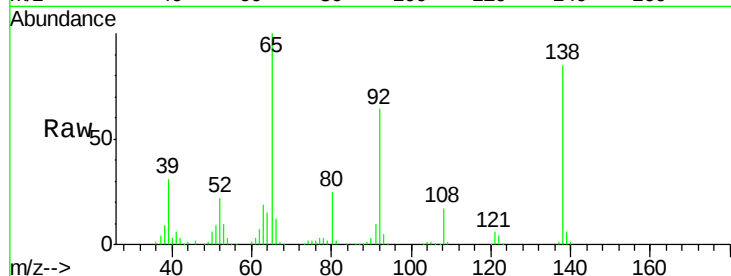
#47
2-Nitroaniline
Concen: 41.92 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.4	80.2
138	85.1	71.1	106.7

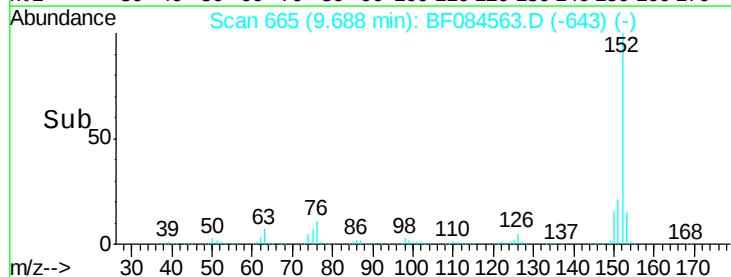
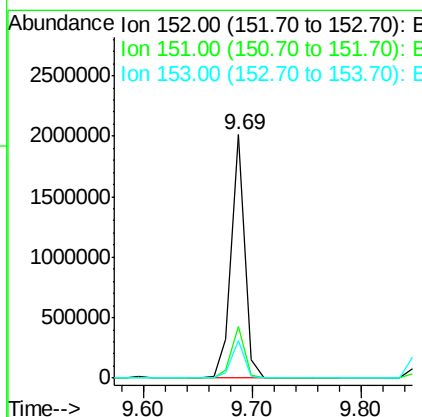
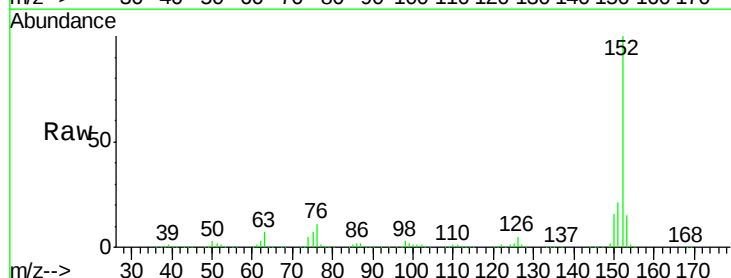
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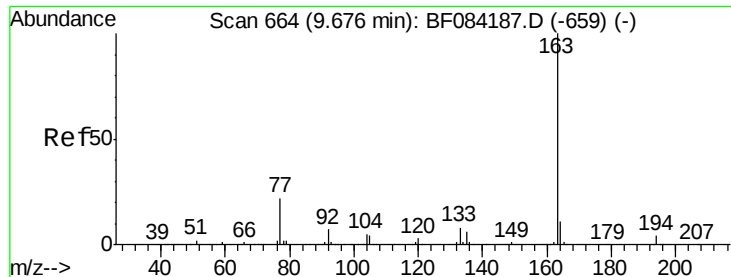
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#48
Acenaphthylene
Concen: 38.49 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.2	10.4	15.6





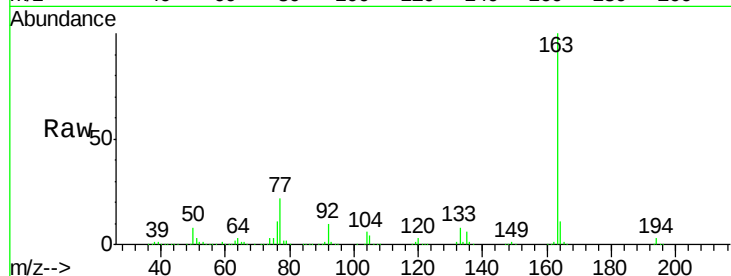
#49
Dimethylphthalate
Concen: 41.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

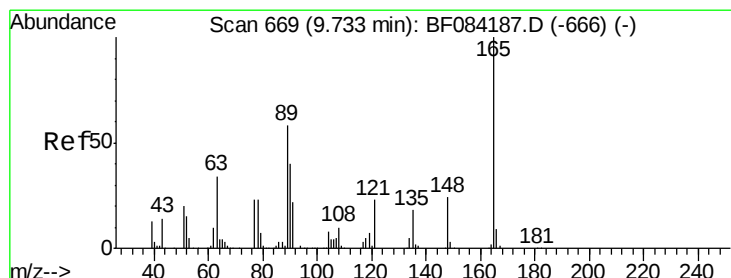
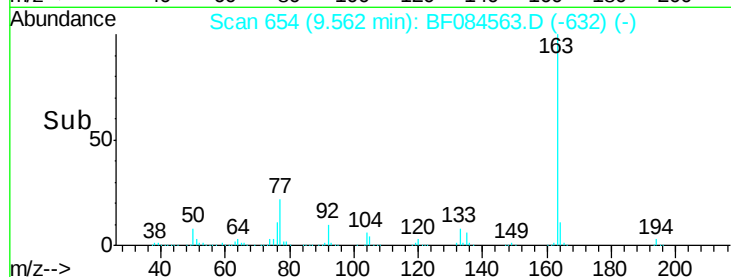
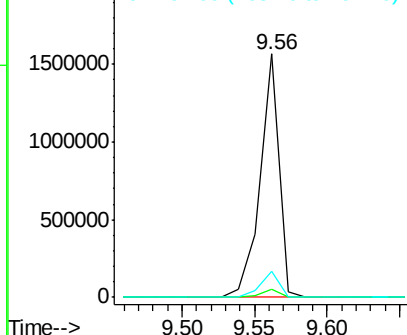
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	10.9	8.0	12.0

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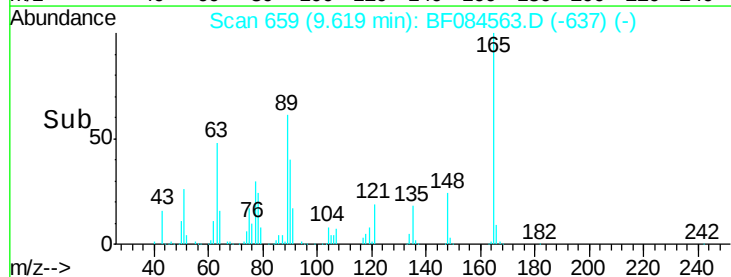
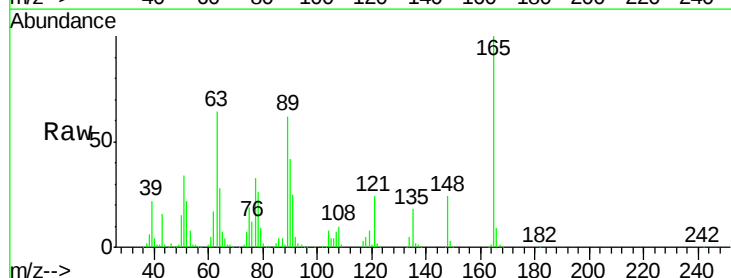
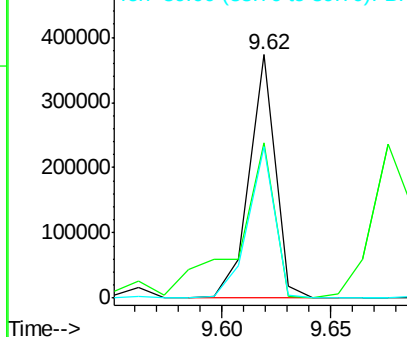
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

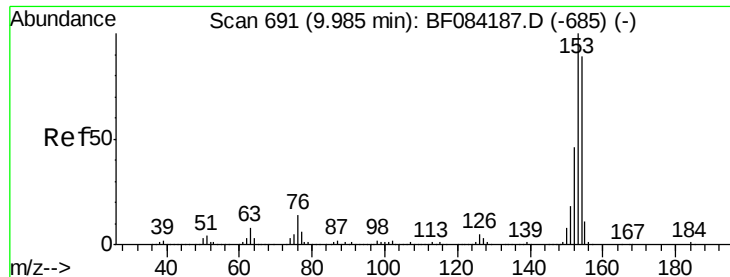


#50
2,6-Dinitrotoluene
Concen: 41.06 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.6	28.8	43.2#
89	62.0	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: 39.08 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1165782

Ion Ratio Lower Upper

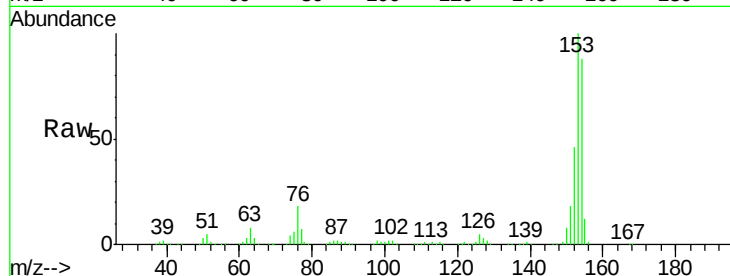
154 100

153 113.9 91.5 137.3

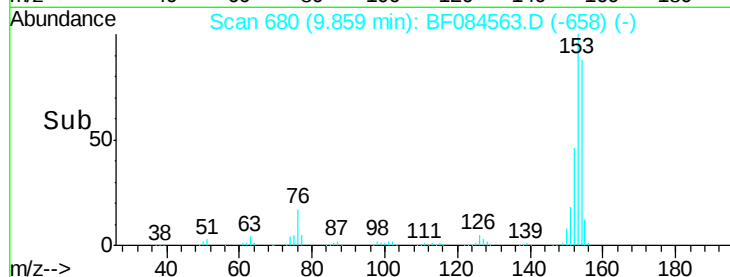
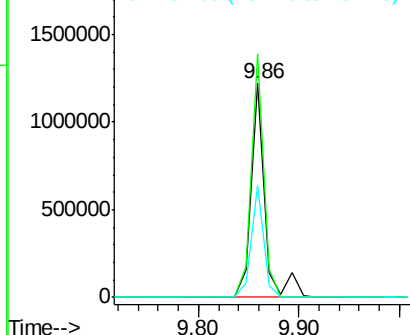
152 52.3 43.0 64.6

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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: 43.73 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

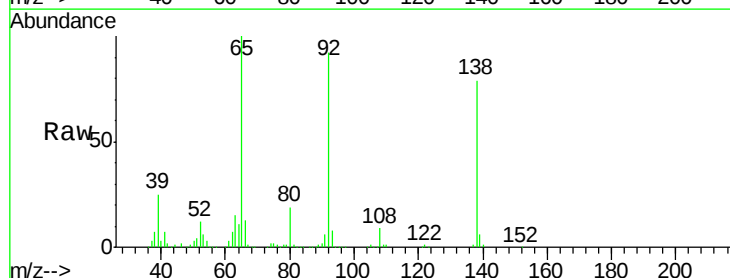
Tgt Ion:138 Resp: 409706

Ion Ratio Lower Upper

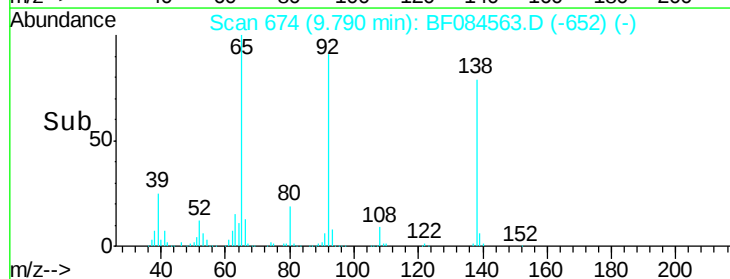
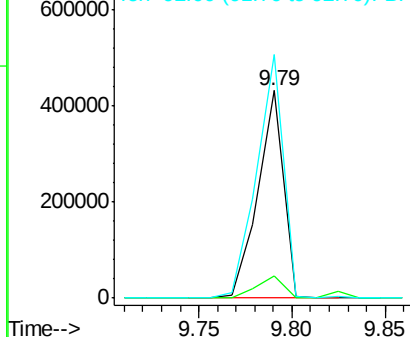
138 100

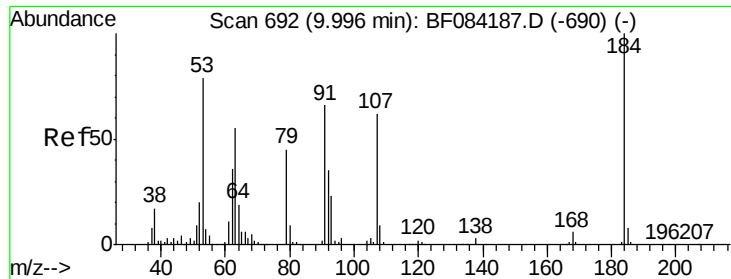
108 10.9 10.5 15.7

92 117.4 103.9 155.9



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





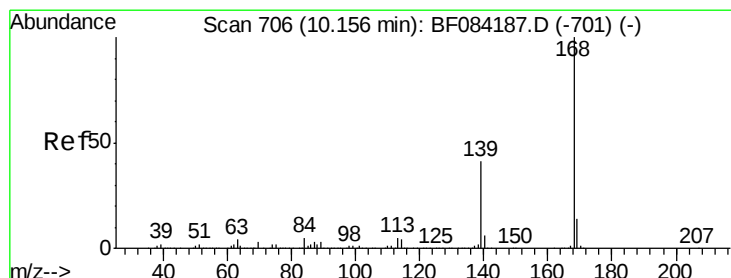
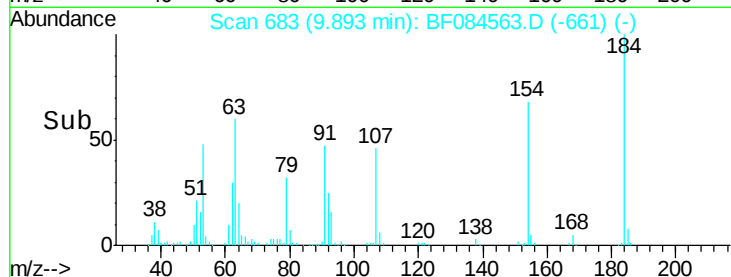
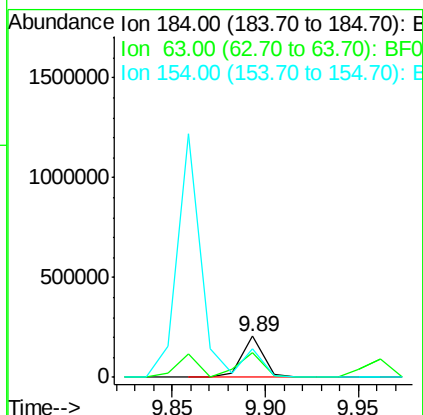
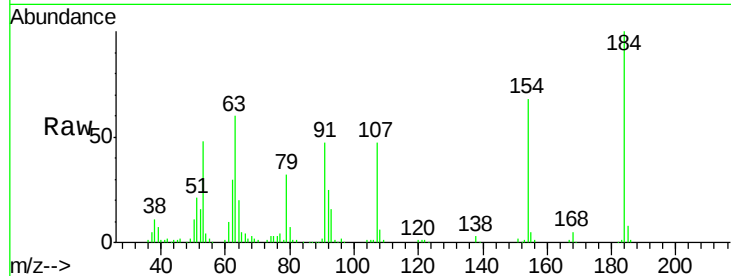
#53
2,4-Dinitrophenol
Concen: 54.67 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.1	43.1	64.7
154	68.4	60.5	90.7

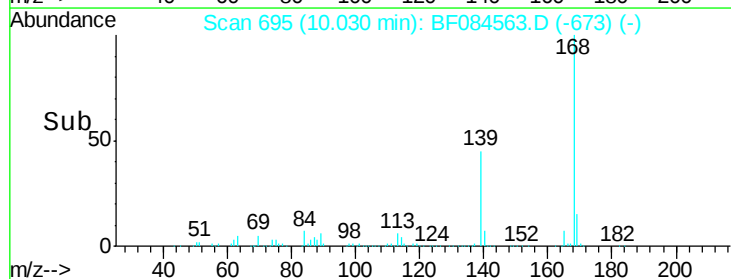
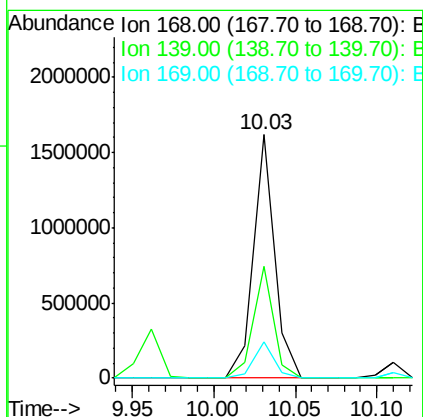
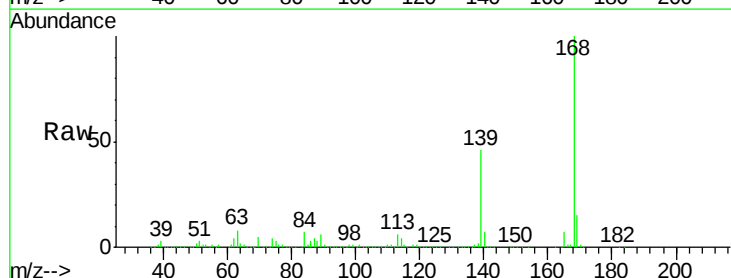
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#54
Dibenzofuran
Concen: 37.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	30.5	45.7#
169	14.7	10.4	15.6





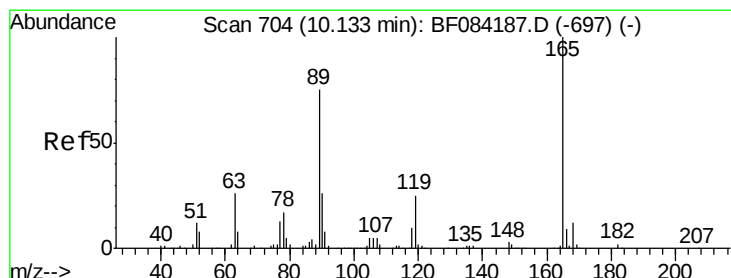
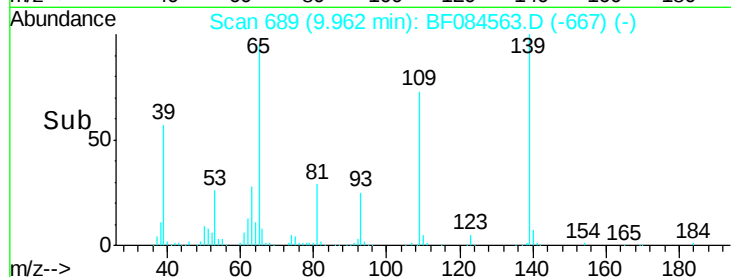
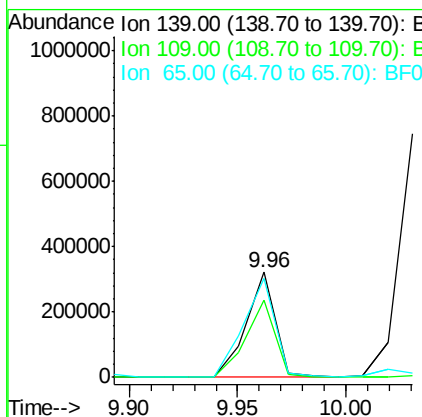
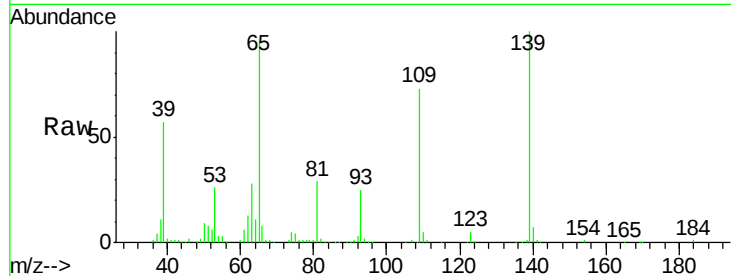
#55
4-Nitrophenol
Concen: 44.18 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	300497		
109	72.9	58.5	98.5	
65	94.6	57.6	97.6	

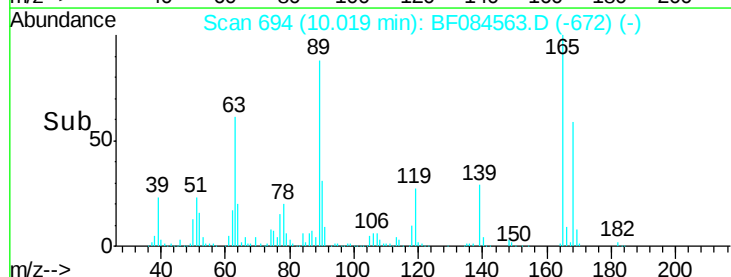
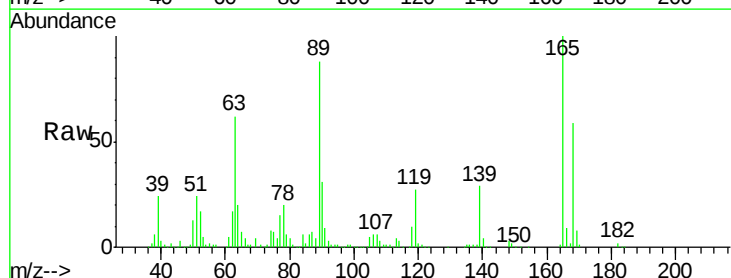
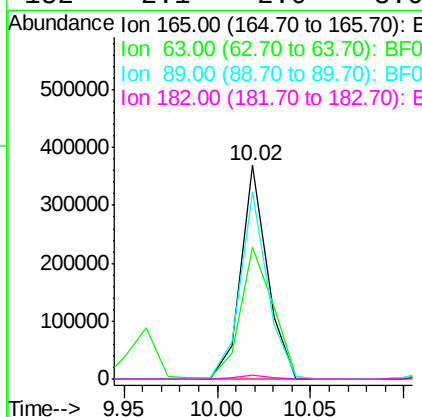
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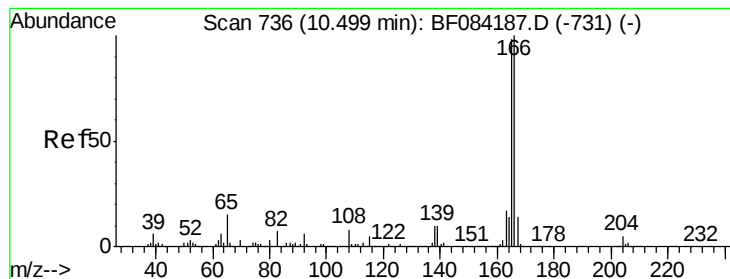
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#56
2,4-Dinitrotoluene
Concen: 38.32 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	366711		
63	61.7	36.7	55.1#	
89	87.7	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 37.12 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1121664

Ion Ratio Lower Upper

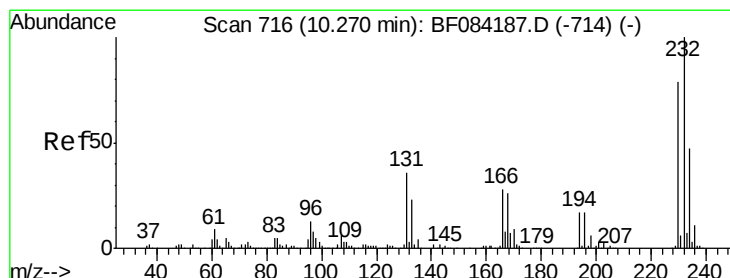
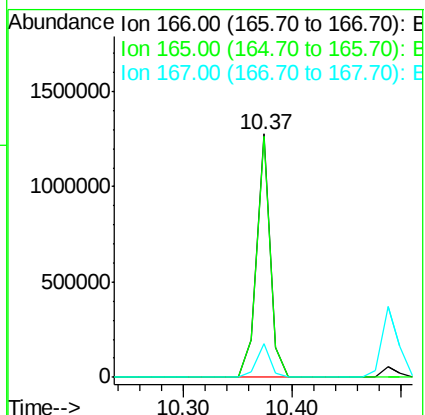
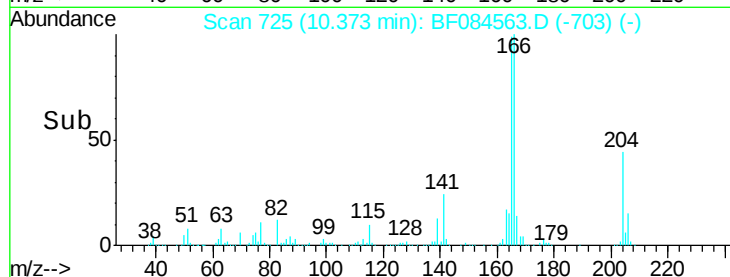
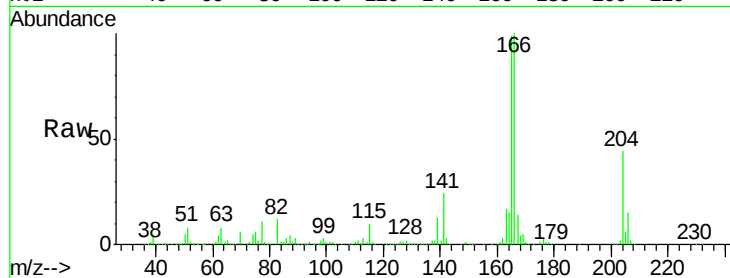
166 100

165 98.9 79.1 118.7

167 14.1 10.4 15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.05 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:232 Resp: 348491

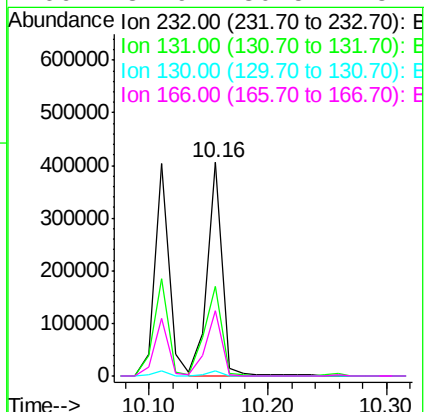
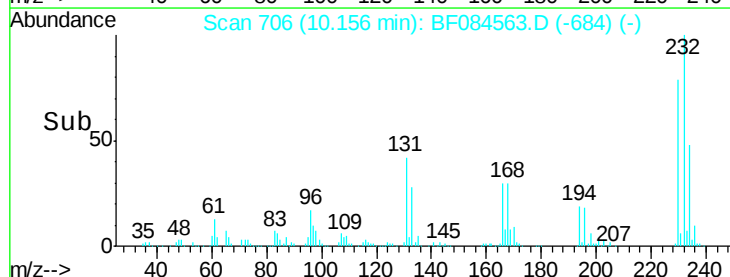
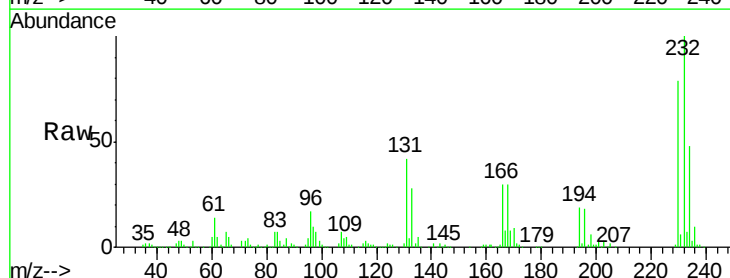
Ion Ratio Lower Upper

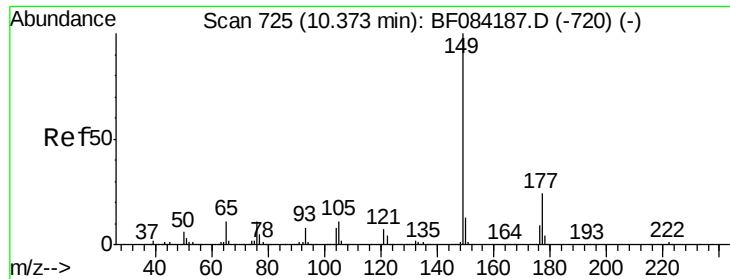
232 100

131 49.9 47.0 70.6

130 2.5 2.0 3.0

166 32.9 30.5 45.7





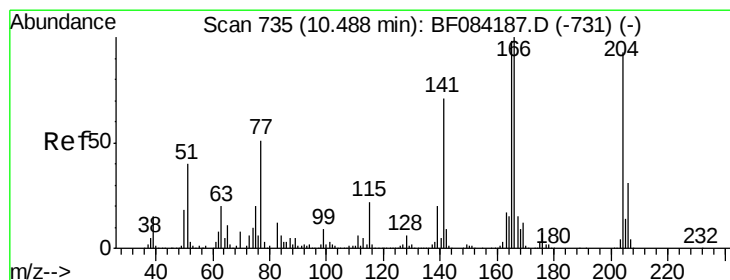
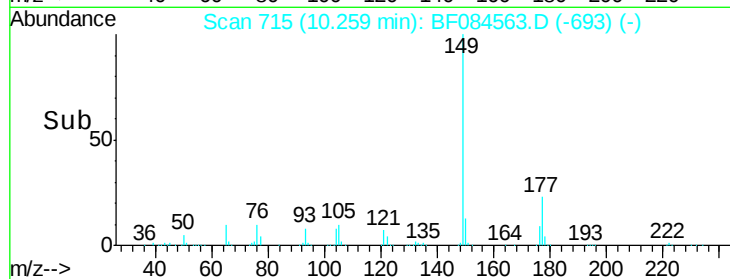
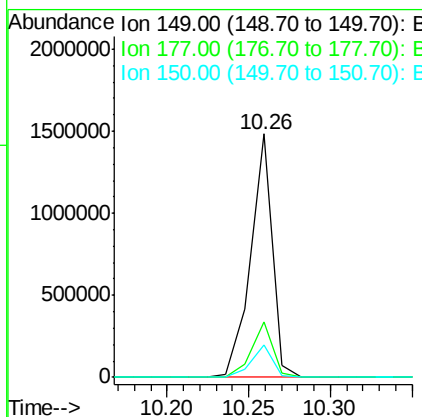
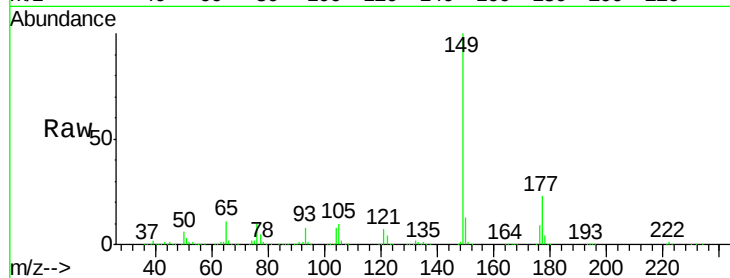
#59
Diethylphthalate
Concen: 40.17 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.3	25.9
150	13.1	9.8	14.8

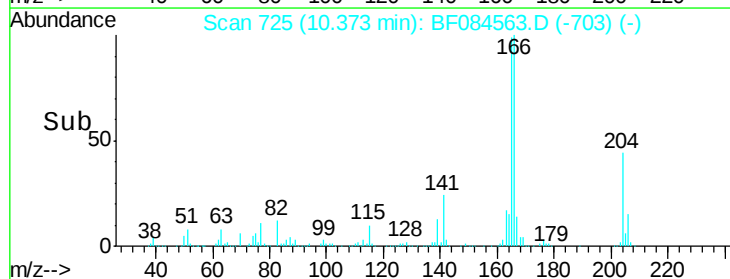
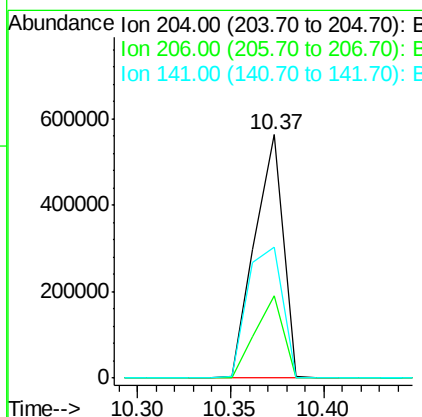
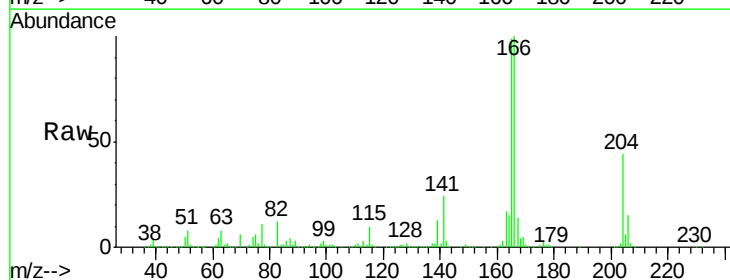
Manual Integrations
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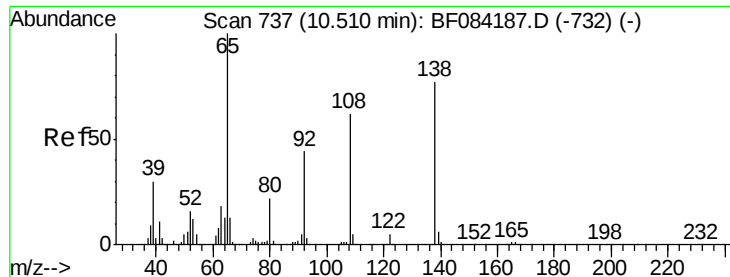
mohammad
1/21/2016 12:19:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.64 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.7	38.5
141	53.8	55.1	82.7#





#61

4-Nitroaniline

Concen: 46.99 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

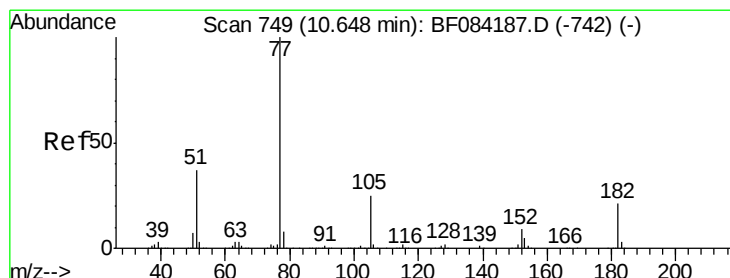
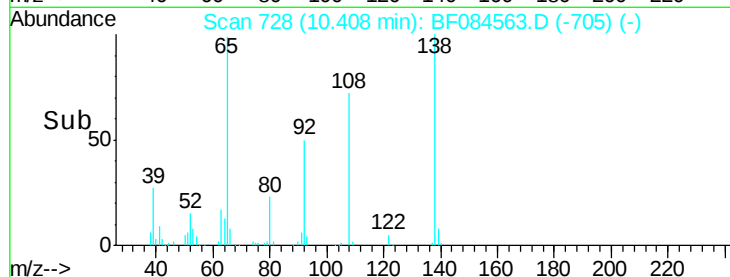
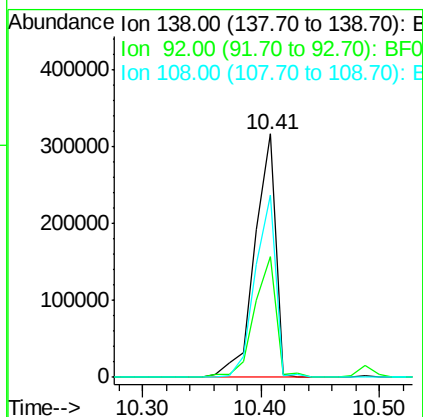
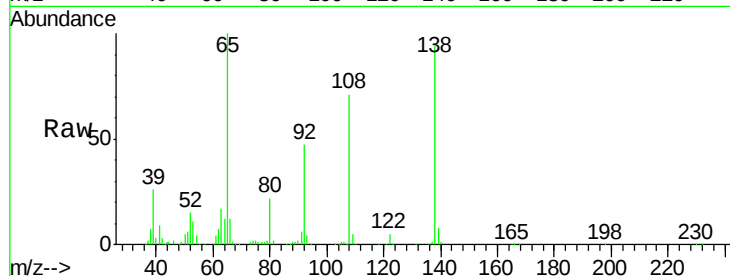
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	392421
Ion Ratio	Lower	Upper	
138	100		
92	49.8	32.6	72.6
108	74.9	68.6	108.6

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#62

Azobenzene

Concen: 40.24 ng

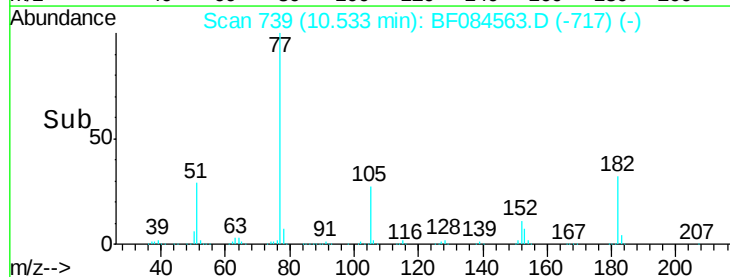
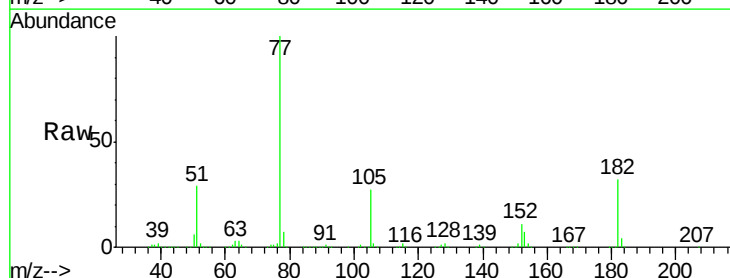
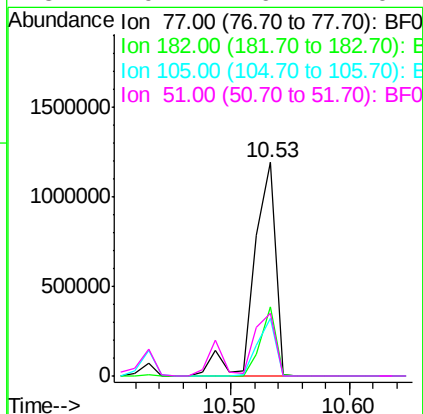
RT: 10.53 min Scan# 739

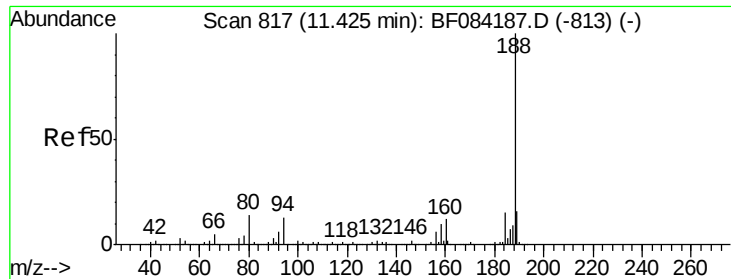
Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:	77	Resp:	1500124
Ion Ratio	Lower	Upper	
77	100		
182	32.2	8.3	48.3
105	27.1	4.6	44.6
51	29.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

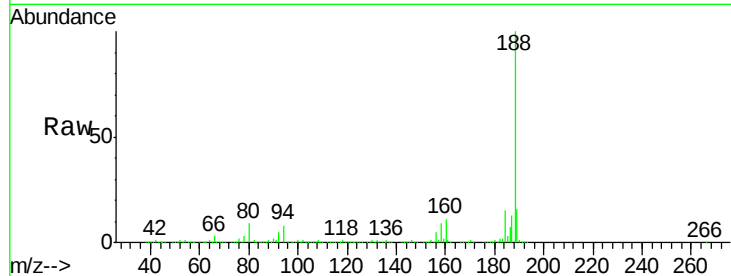
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	920804
Ion Ratio		Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.8	9.6	14.4#

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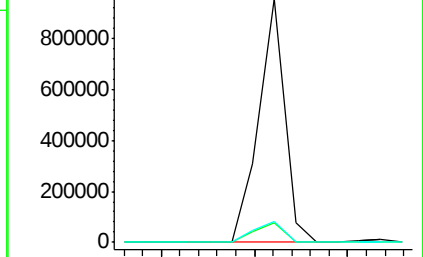
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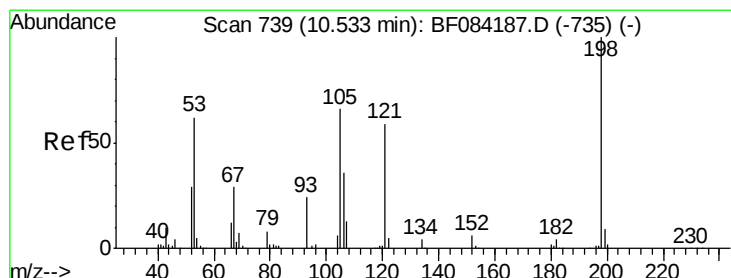
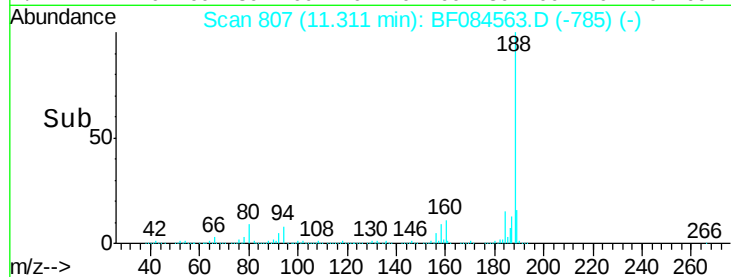
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 40.36 ng

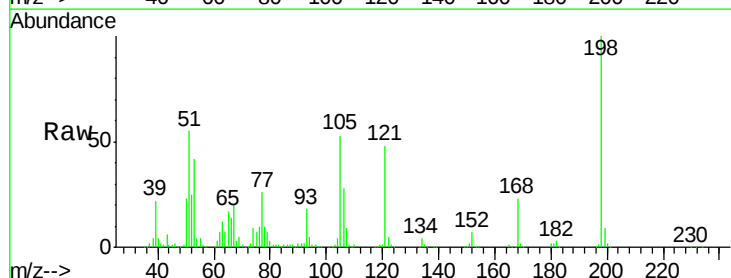
RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

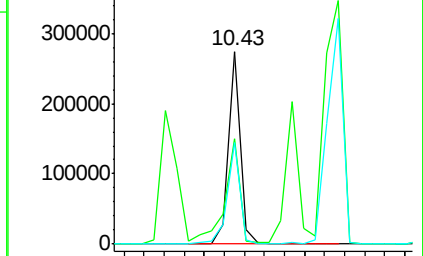
Tgt Ion:	198	Resp:	227034
Ion Ratio		Lower	Upper
198	100		
51	54.9	18.9	58.9
105	52.6	26.4	66.4



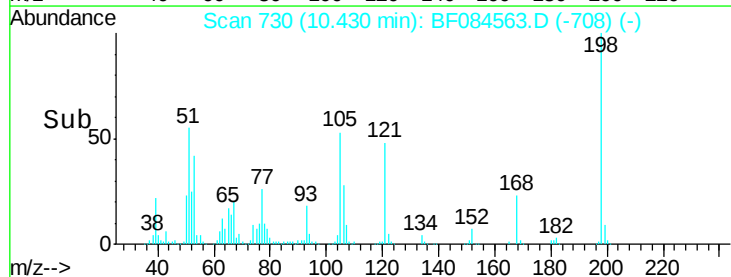
Abundance Ion 198.00 (197.70 to 198.70): E

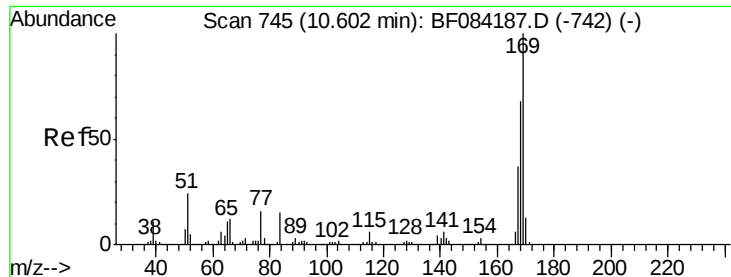
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 36.17 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1064718

Ion Ratio Lower Upper

169 100

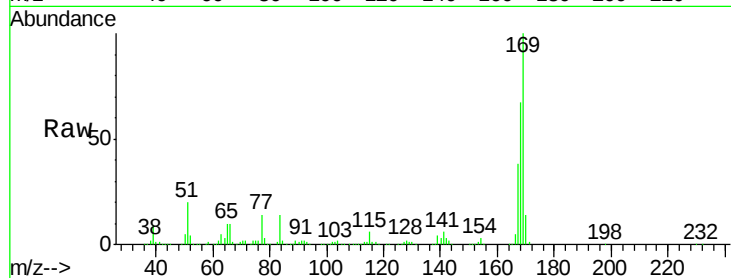
168 66.9 55.1 82.7

167 37.6 30.0 45.0

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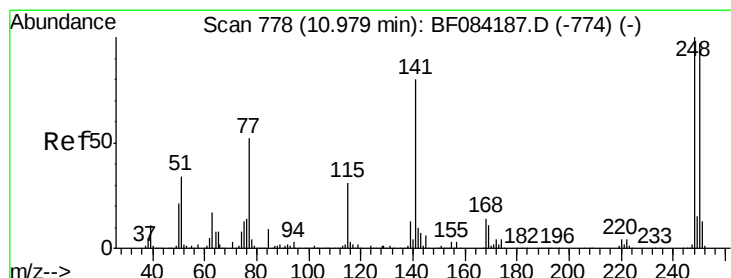
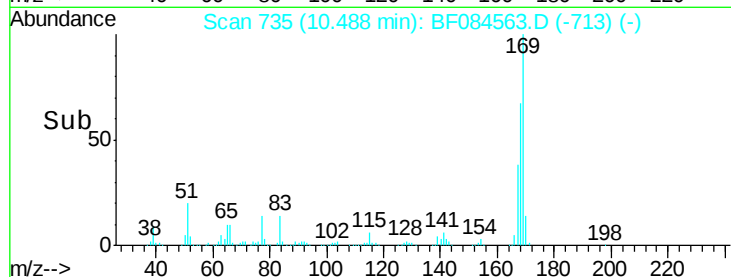
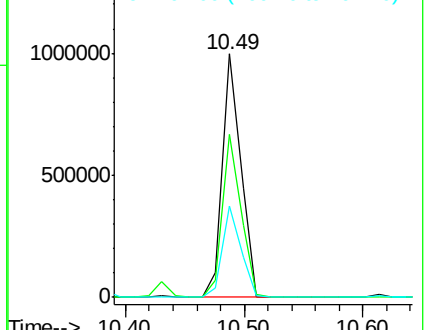
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.37 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

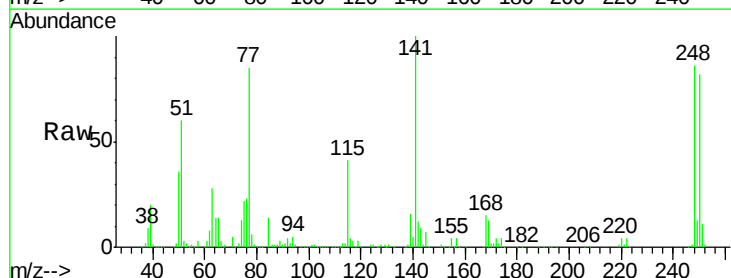
Tgt Ion:248 Resp: 370393

Ion Ratio Lower Upper

248 100

250 95.8 78.4 117.6

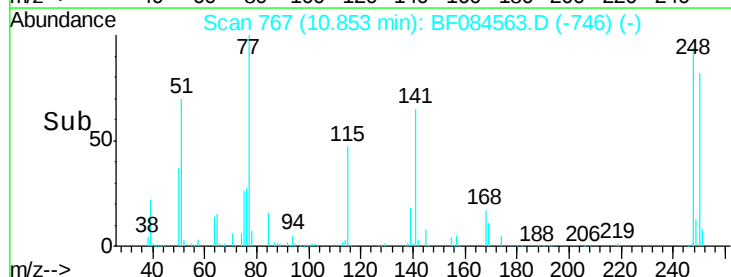
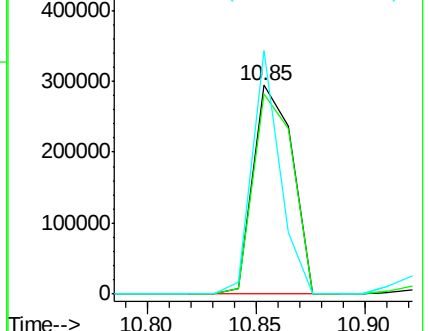
141 116.6 44.0 66.0#

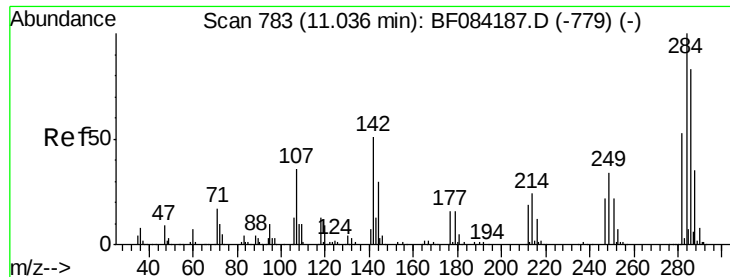


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





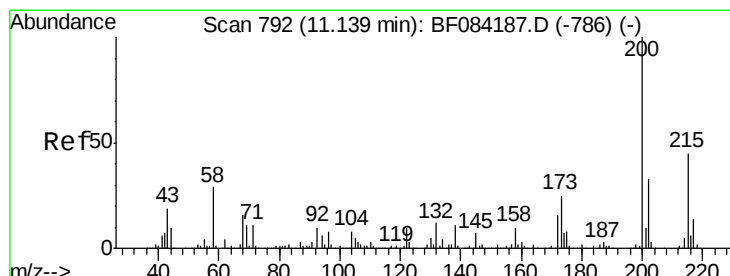
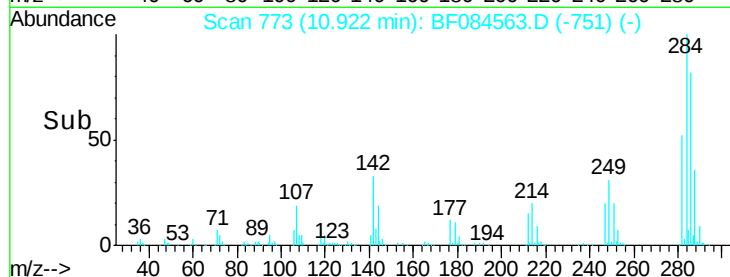
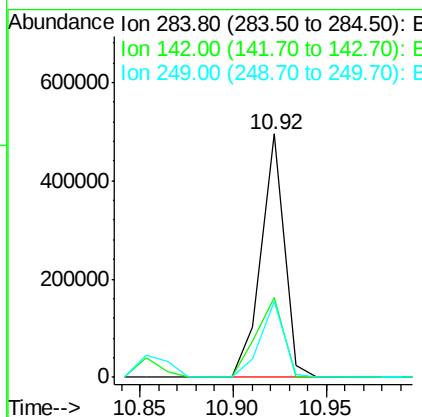
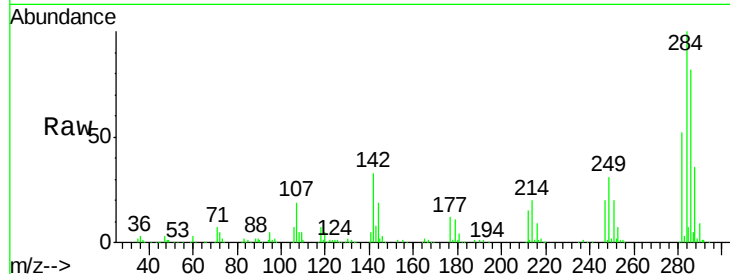
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	284	Resp:	428386
Ion Ratio	Lower	Upper	
284	100		
142	32.8	22.2	33.4
249	31.2	24.6	37.0

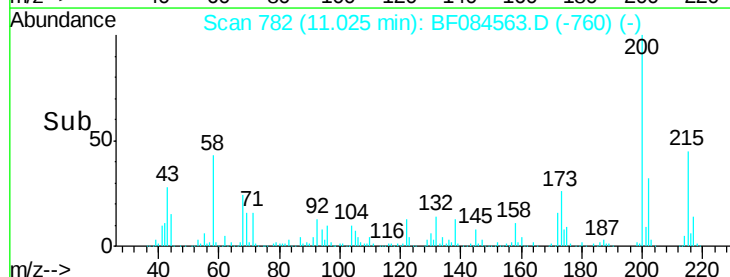
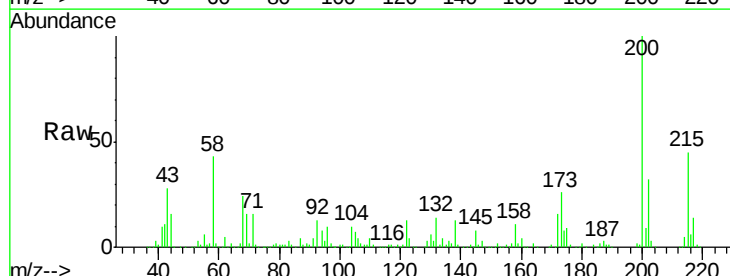
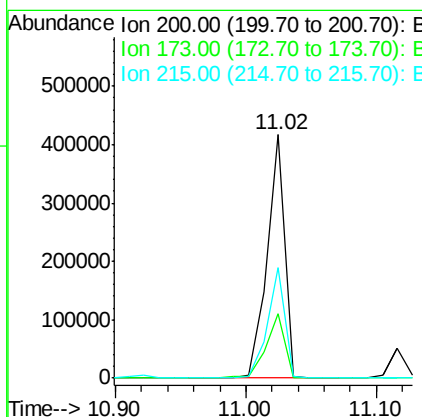
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#68
Atrazine
Concen: 40.92 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion:	200	Resp:	394212
Ion Ratio	Lower	Upper	
200	100		
173	26.5	9.5	49.5
215	45.4	23.8	63.8





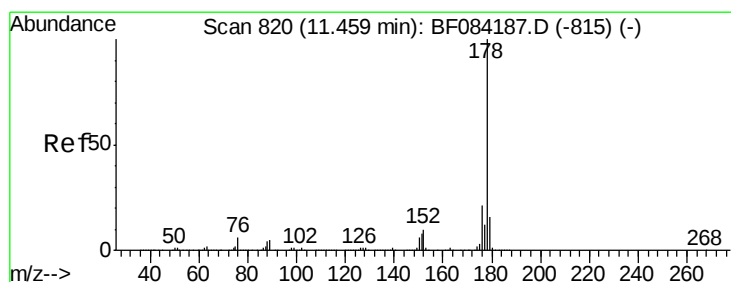
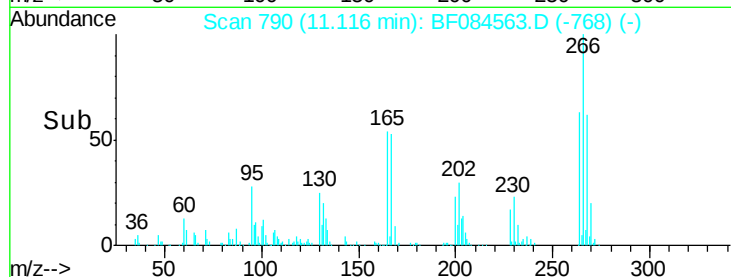
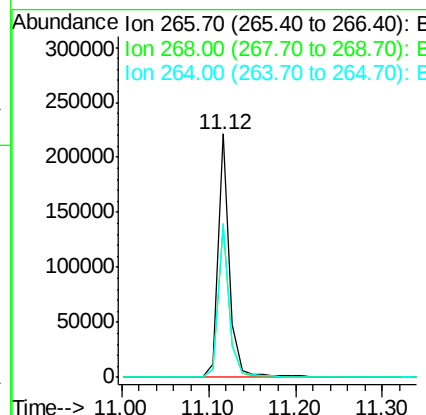
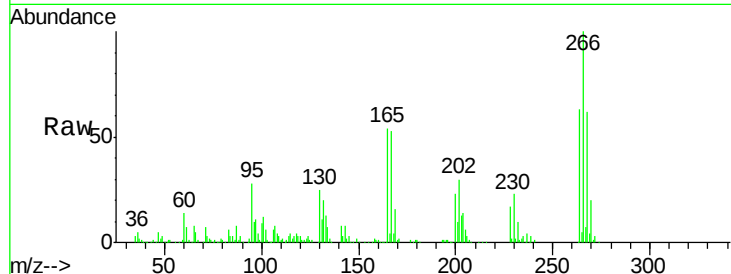
#69
 Pentachlorophenol
 Concen: 35.65 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206189		
268	62.2		52.4	78.6
264	63.1		50.2	75.2

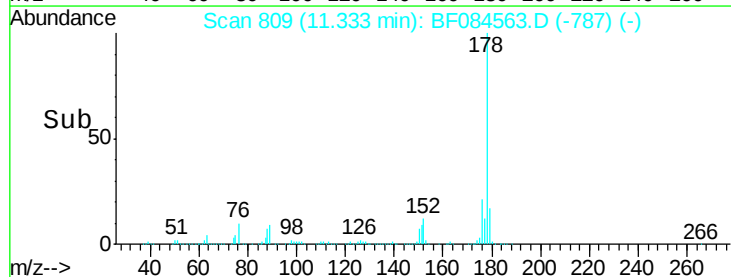
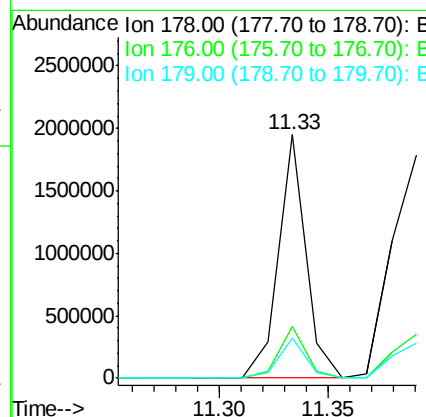
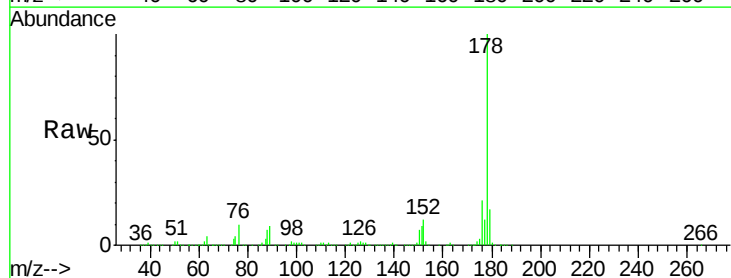
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#70
 Phenanthrene
 Concen: 36.05 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1736340		
176	21.0		15.3	22.9
179	16.6		12.0	18.0





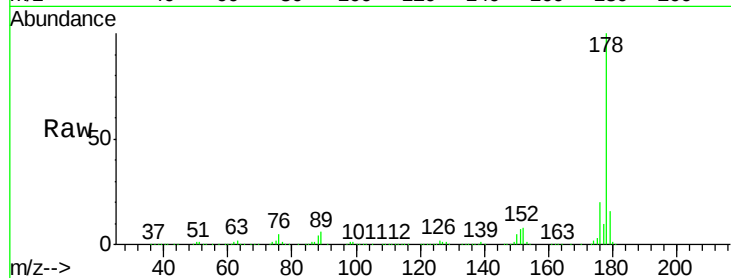
#71
 Anthracene
 Concen: 42.82 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

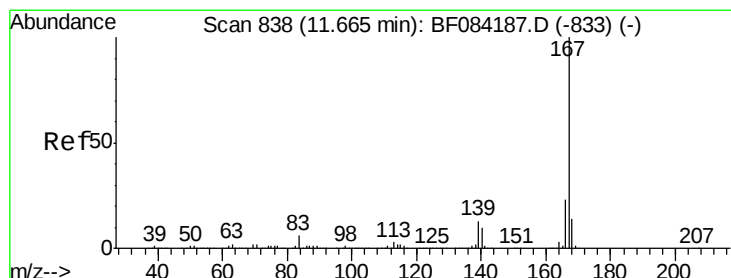
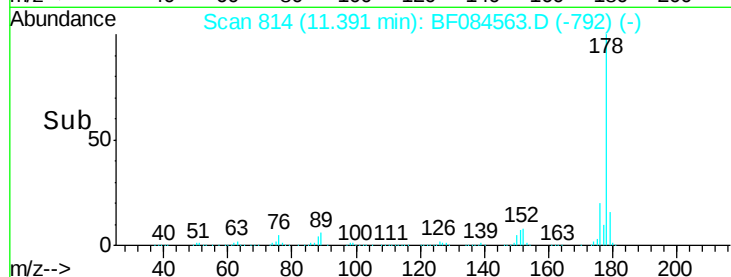
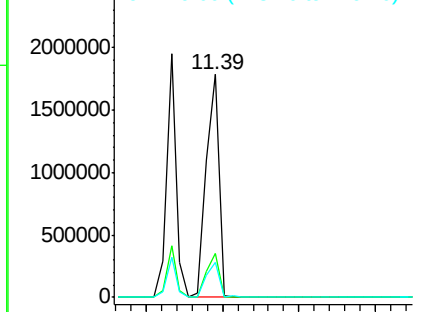
Tot Ion:178 Resp: 2021869
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.9 12.5 18.7

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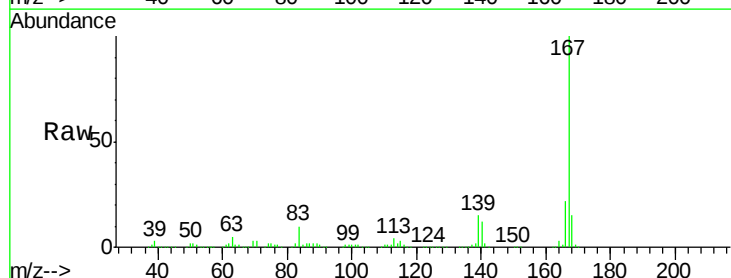


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

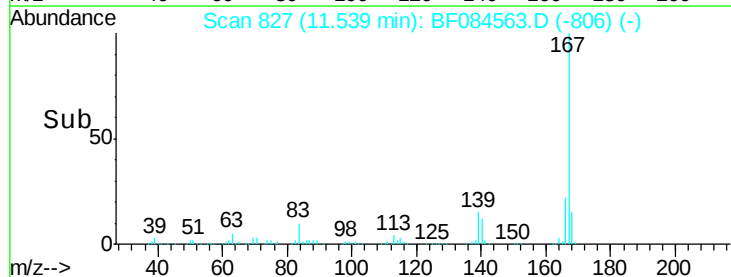
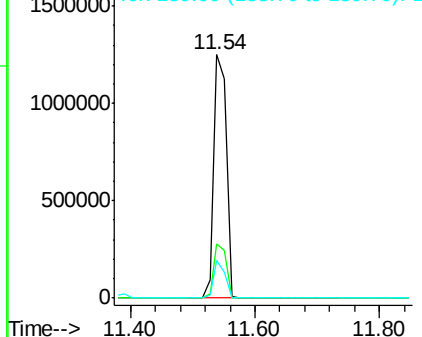


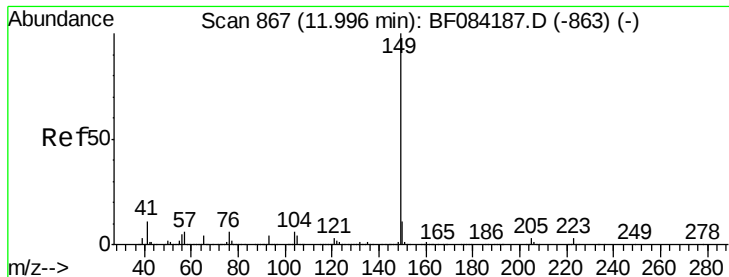
#72
 Carbazole
 Concen: 37.01 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.06 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Tgt Ion:167 Resp: 1708294
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 15.5 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.29 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2069536

Ion Ratio Lower Upper

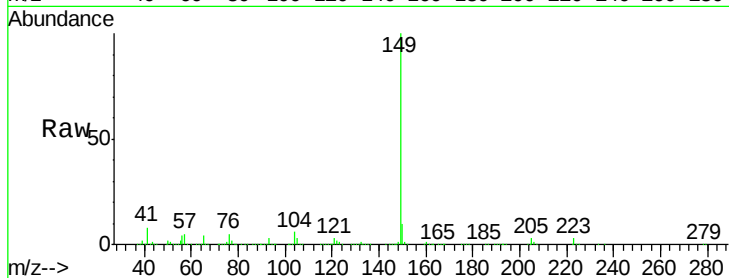
149 100

150 10.3 7.1 10.7

104 5.6 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

11.88

2500000

2000000

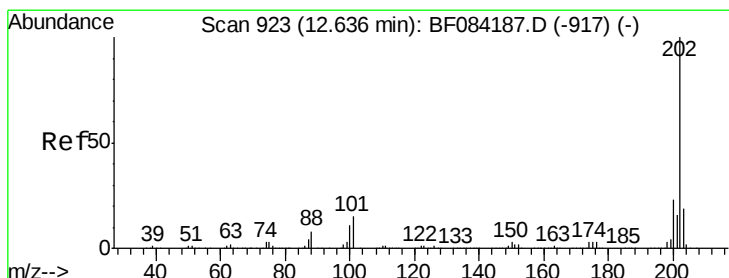
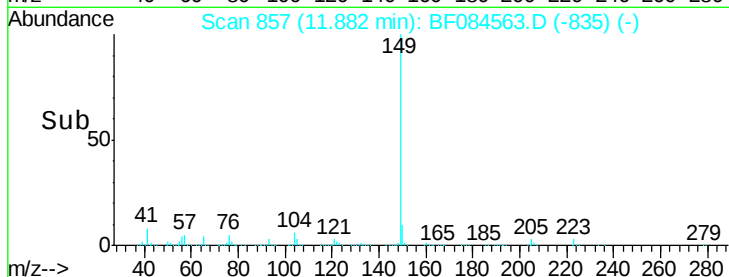
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 39.89 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

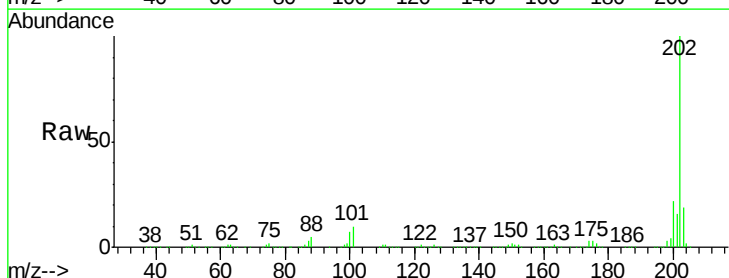
Tgt Ion:202 Resp: 2007097

Ion Ratio Lower Upper

202 100

101 9.7 0.0 32.8

203 18.7 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

12.52

2500000

2000000

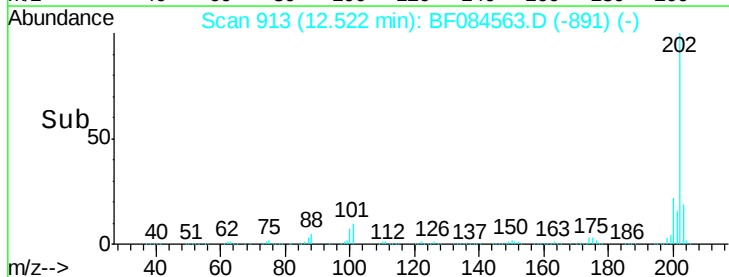
1500000

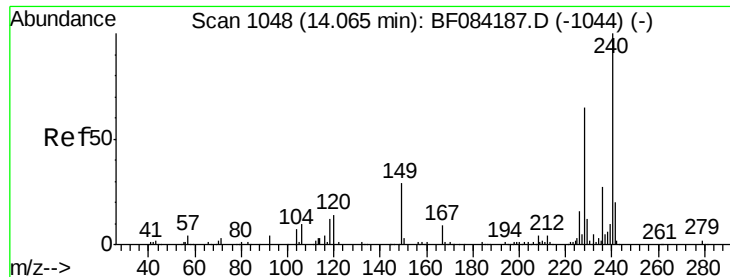
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

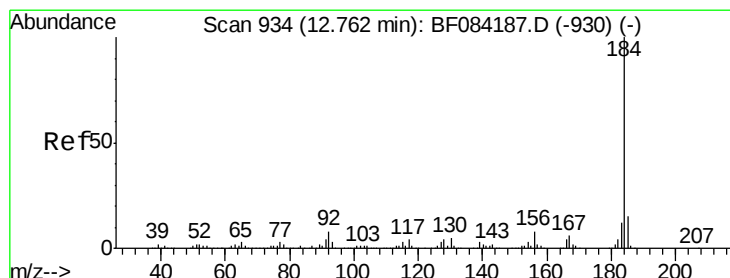
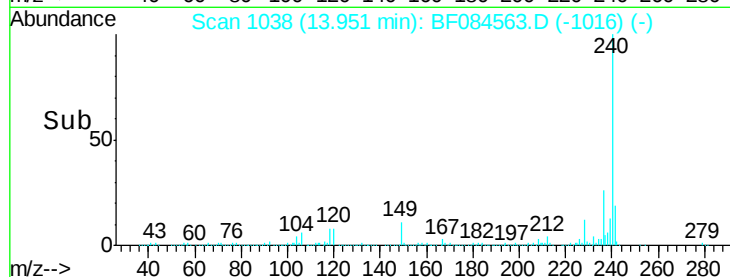
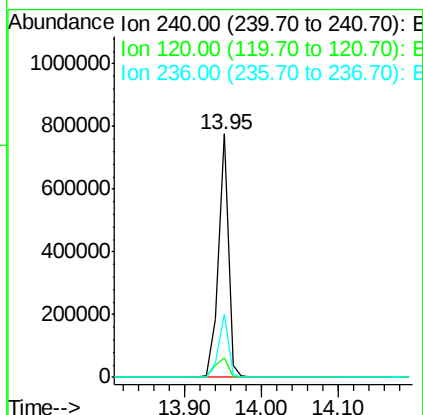
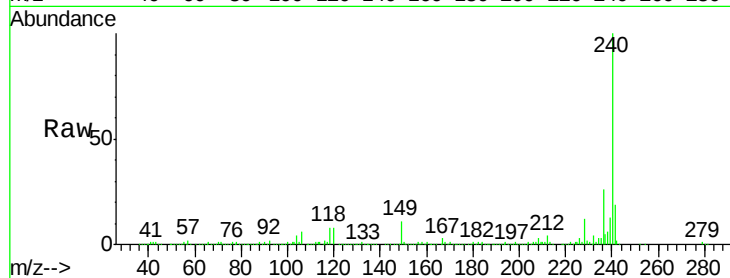
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	695379
Ion Ratio	Lower	Upper	
240	100		
120	8.2	9.5	14.3#
236	26.0	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 34.92 ng

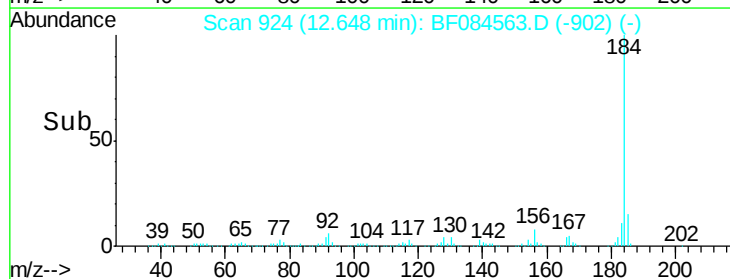
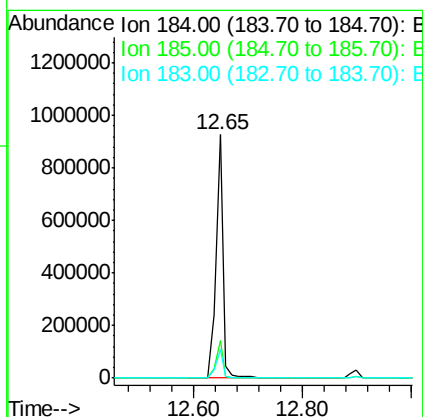
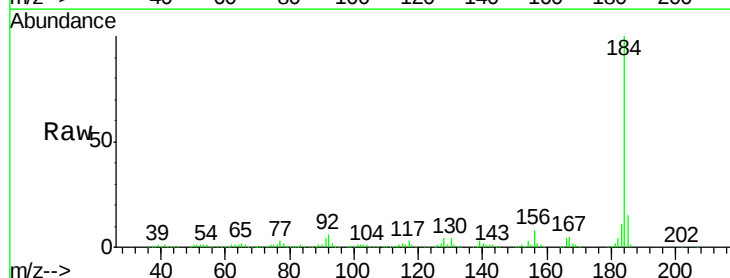
RT: 12.65 min Scan# 924

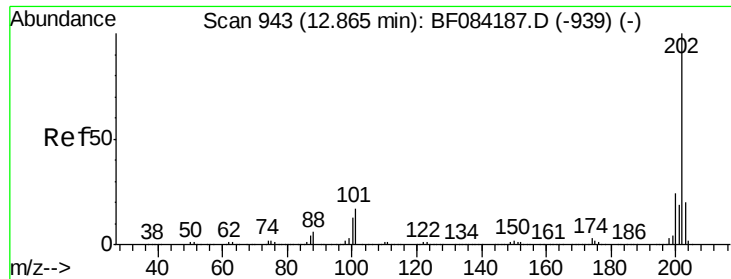
Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:	184	Resp:	870648
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	11.5	9.8	14.8





#77

Pvrene

Concen: 37.41 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

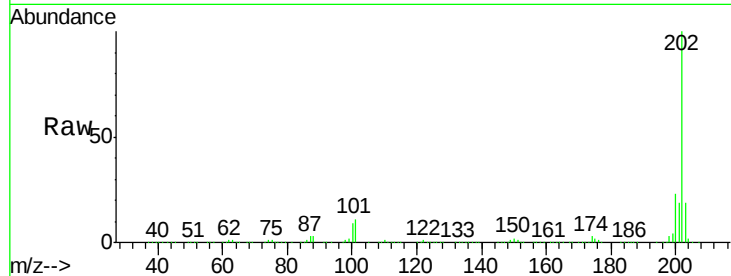
ClientSampleId :

SSTDCCC040

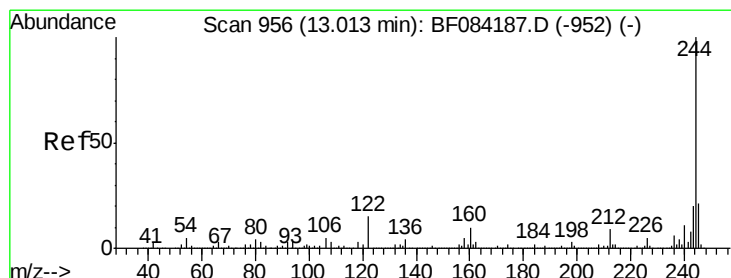
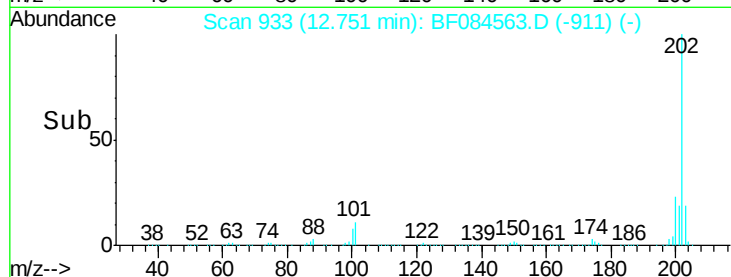
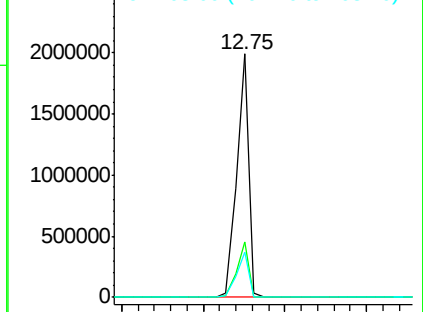
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.2	25.8
203	18.6	14.3	21.5

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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: 68.56 ng

RT: 12.90 min Scan# 946

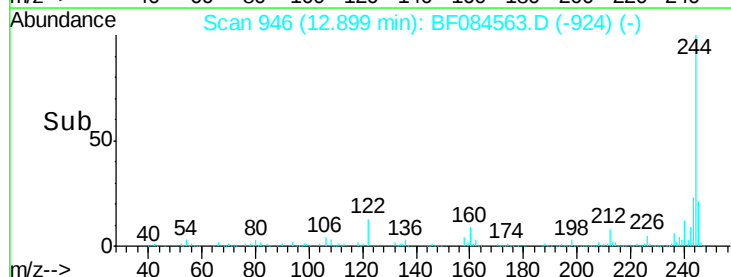
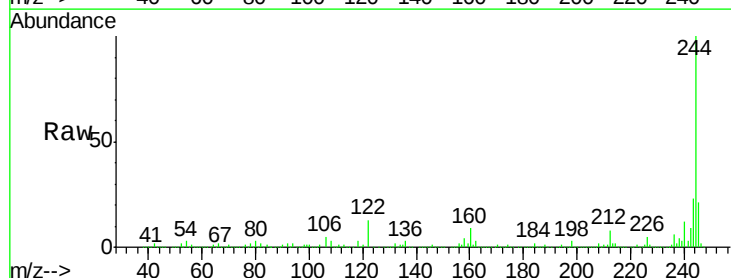
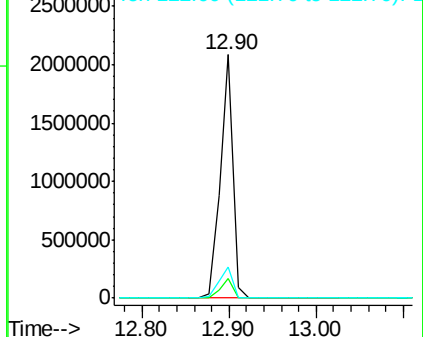
Delta R.T. -0.05 min

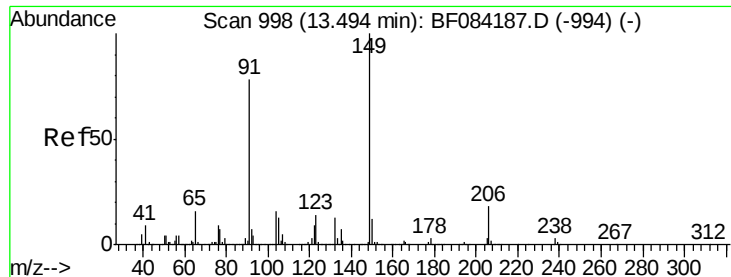
Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.9	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





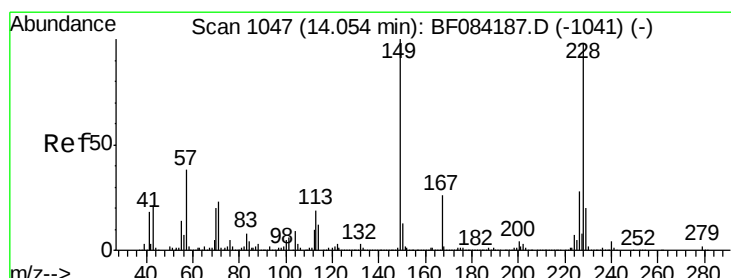
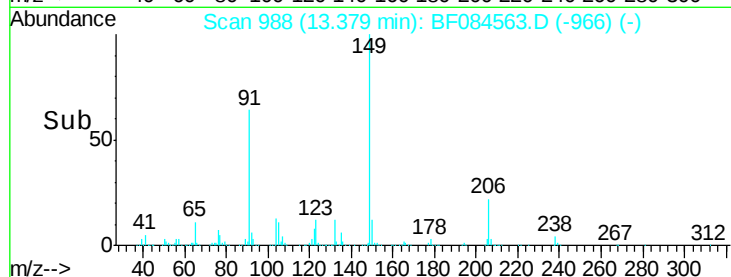
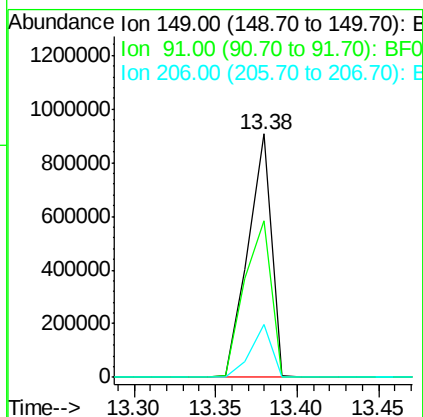
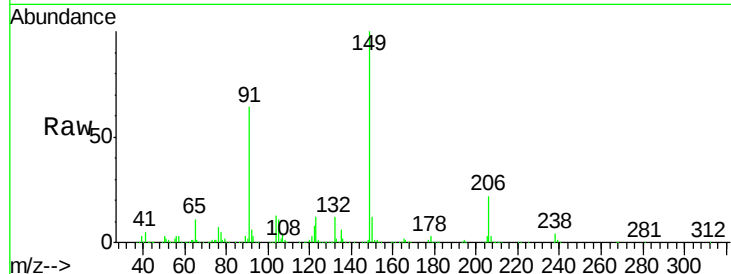
#79
Butylbenzylphthalate
Concen: 38.41 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	57.6	86.4
206	21.8	13.2	19.8

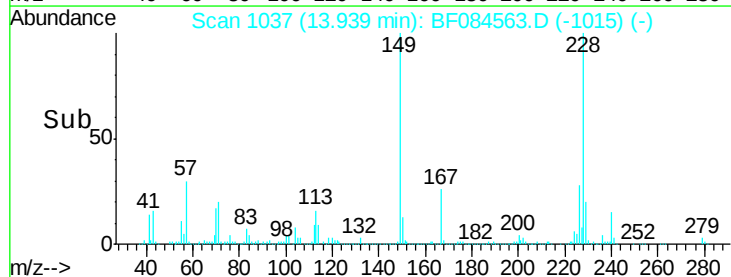
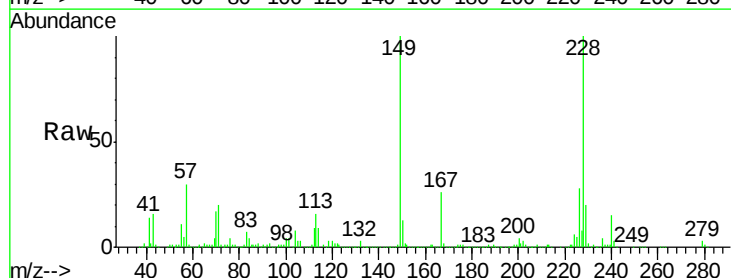
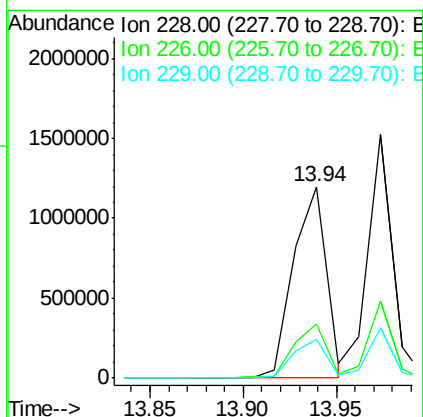
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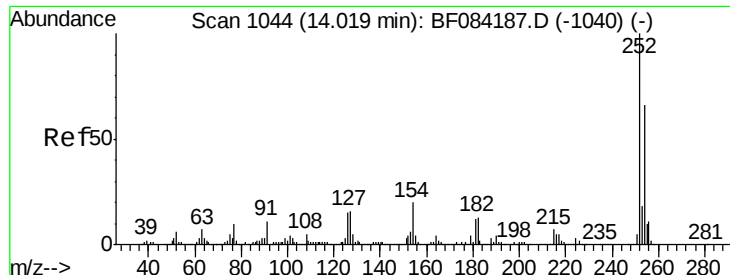
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#80
Benzo(a)anthracene
Concen: 36.40 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.5	15.8	23.8





#81

3,3'-Dichlorobenzidine

Concen: 39.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

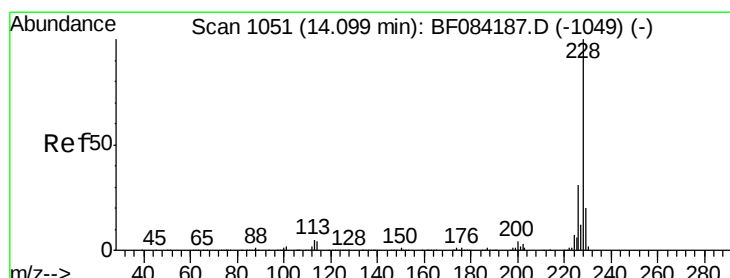
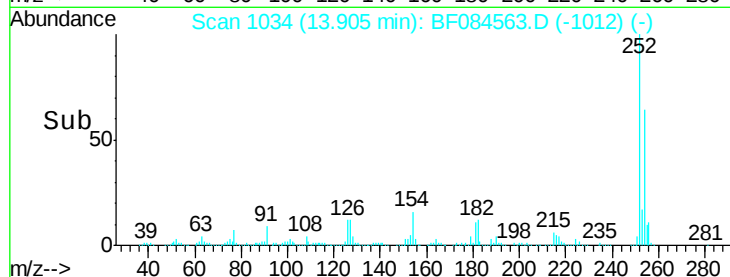
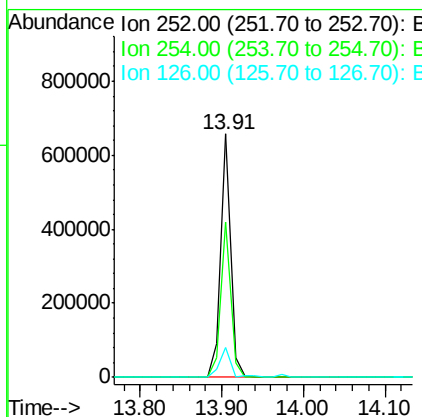
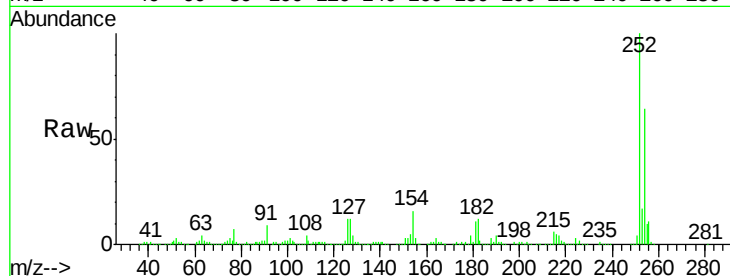
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	555761
Ion Ratio	Lower	Upper	
252	100		
254	63.8	53.5	80.3
126	12.0	4.9	7.3#

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#82

Chrysene

Concen: 35.25 ng

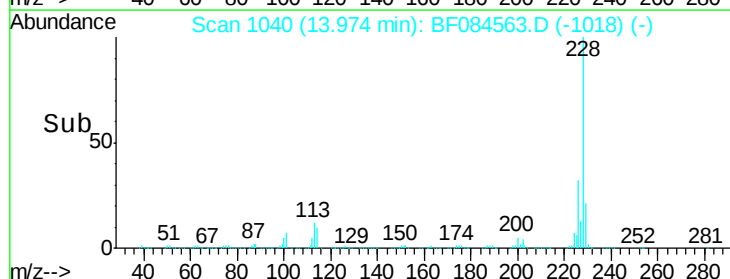
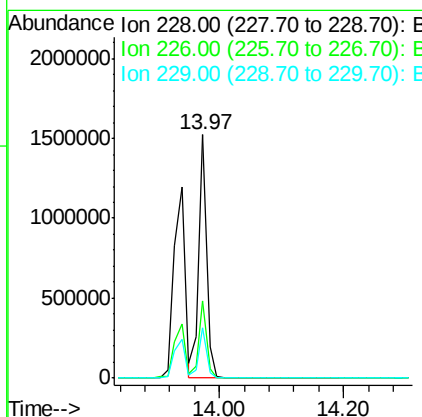
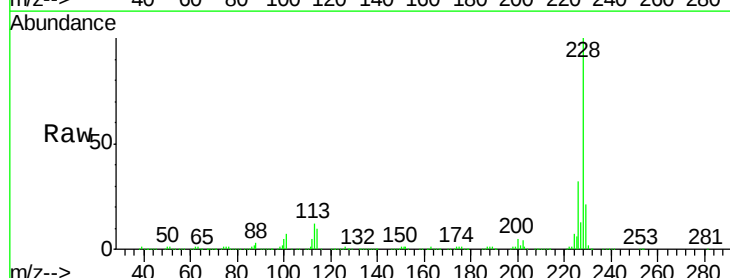
RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:	228	Resp:	1383146
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.3	36.5
229	20.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.74 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1066162

Ion Ratio Lower Upper

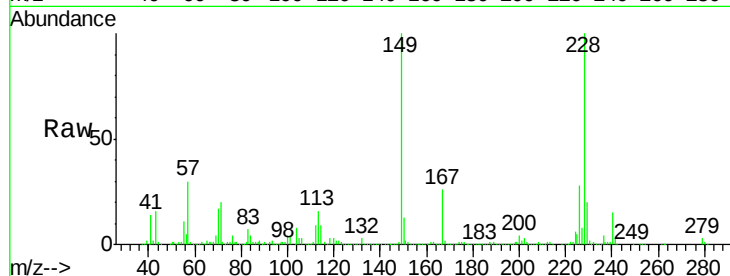
149 100

167 26.0 19.7 29.5

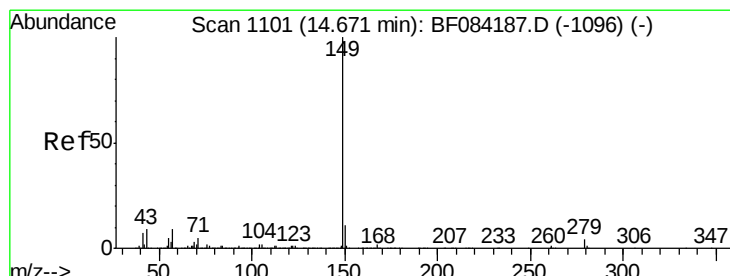
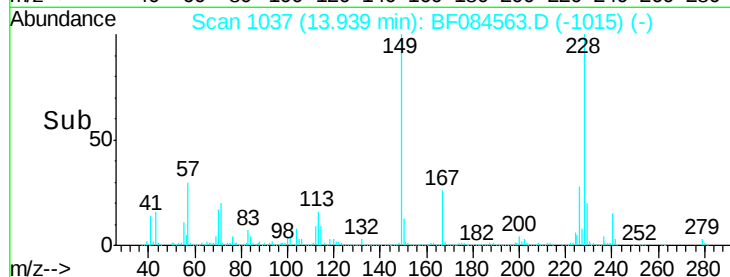
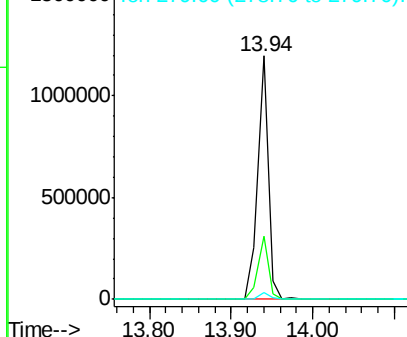
279 2.9 1.8 2.6#

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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: 35.66 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

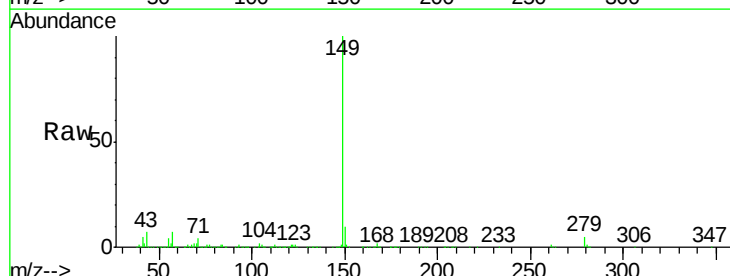
Tgt Ion:149 Resp: 1795871

Ion Ratio Lower Upper

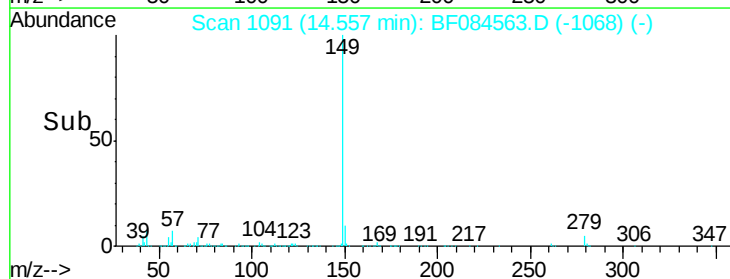
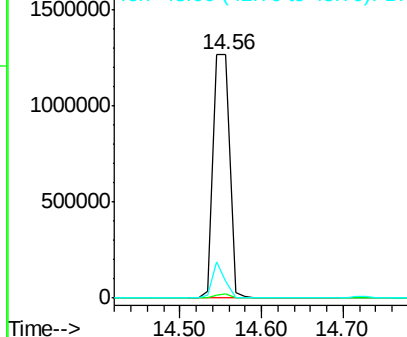
149 100

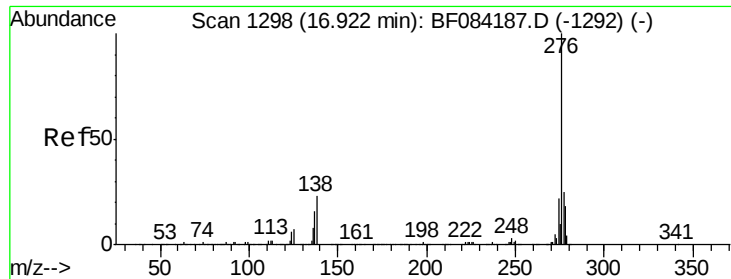
167 1.6 1.2 1.8

43 11.2 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





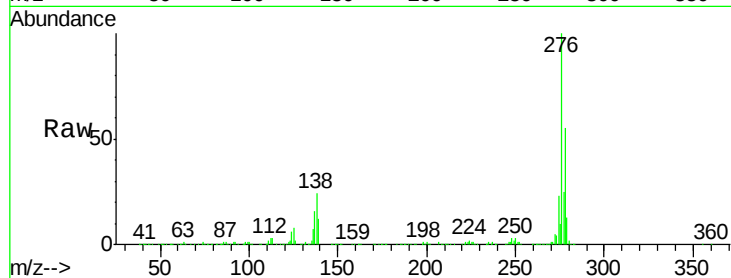
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.48 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.08 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

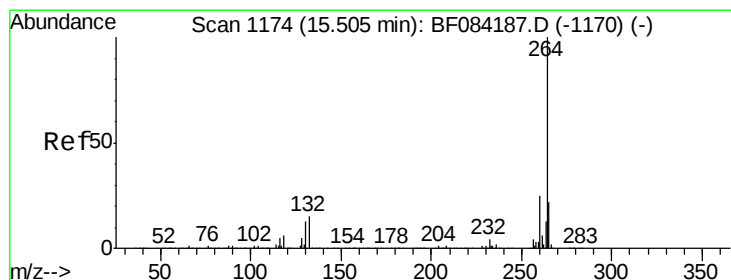
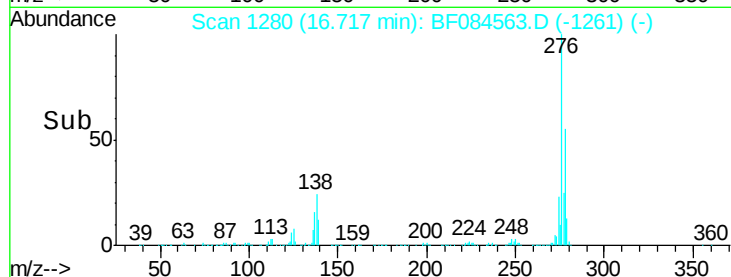
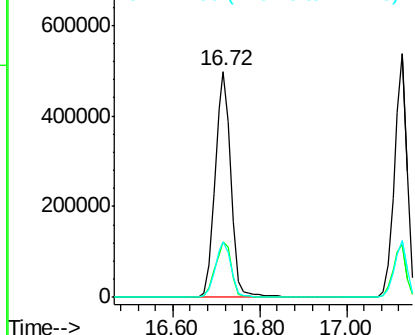
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	30.8
277	24.7	20.1	30.1

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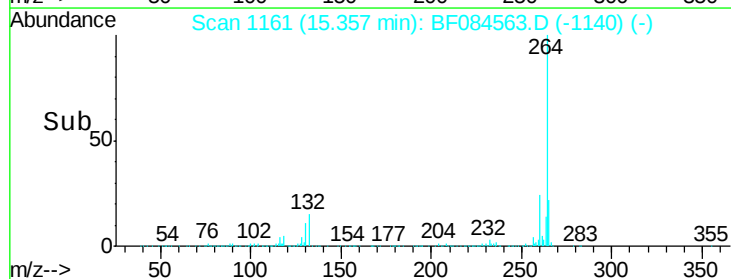
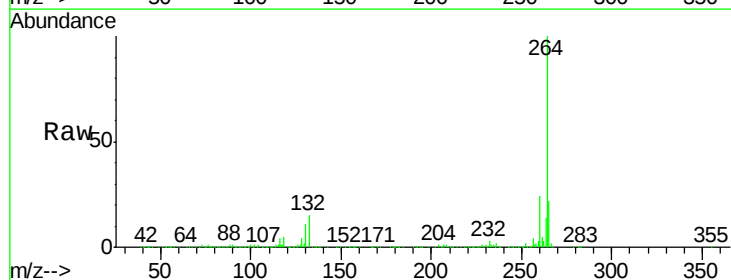
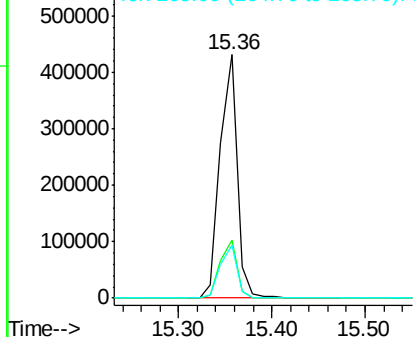
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

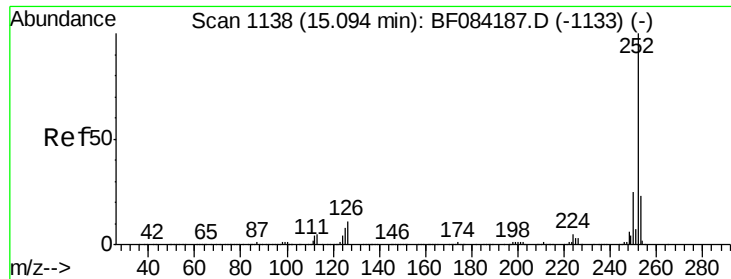


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.6	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: 36.42 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Instrument :

BNA_F

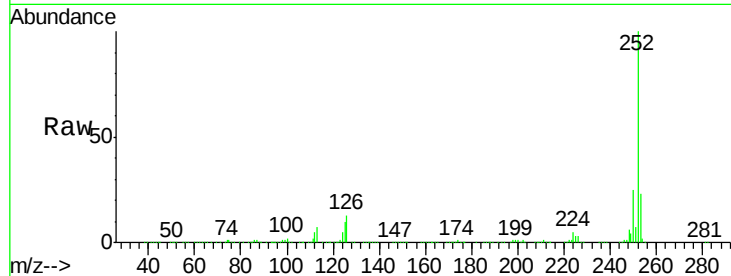
ClientSampleId :

SSTDCCC040

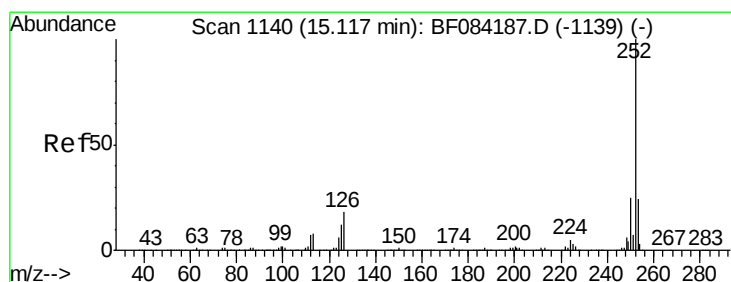
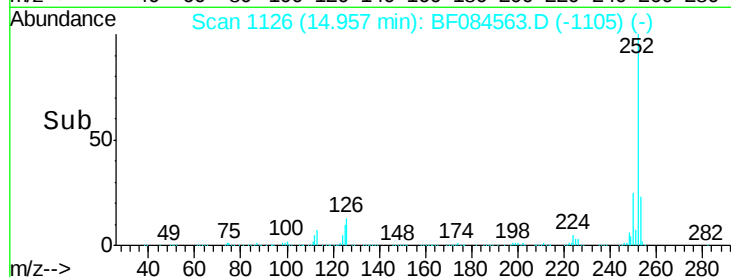
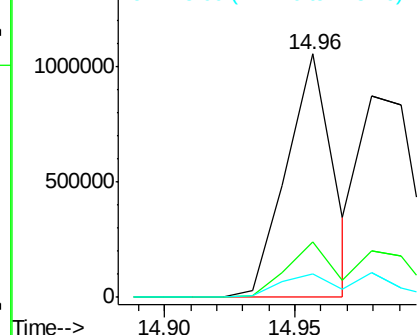
Tot Ion:	252	Resp:	1312567
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.7	6.5	9.7

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



#88

Benzo(k)fluoranthene

Concen: 41.85 ng m

RT: 14.98 min Scan# 1128

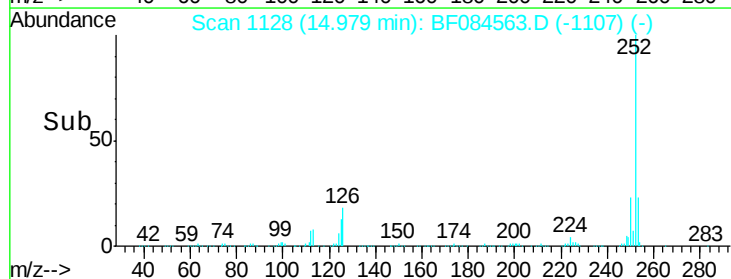
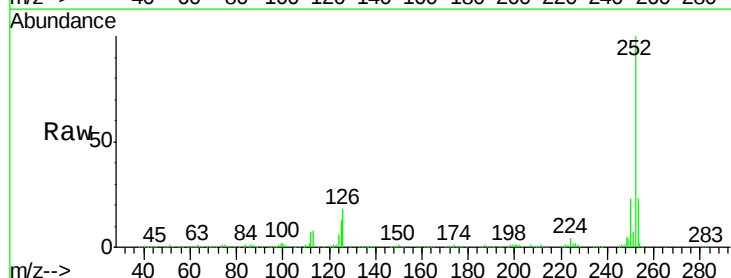
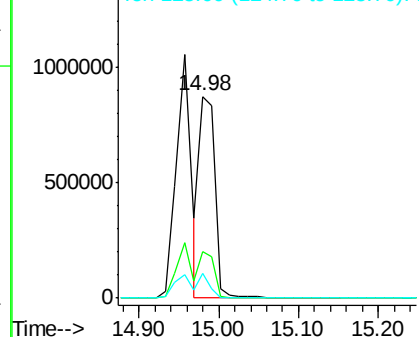
Delta R.T. -0.06 min

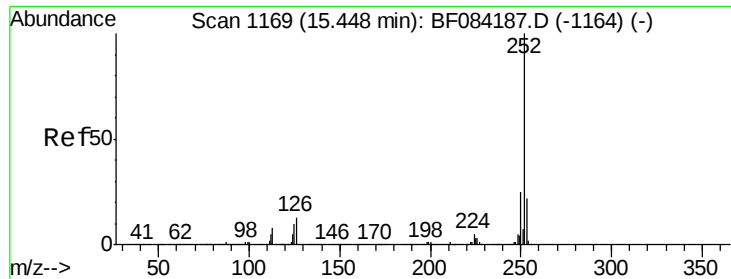
Lab File: BF084563.D

Acq: 20 Jan 2016 11:55

Tgt Ion:	252	Resp:	1233668
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.6	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





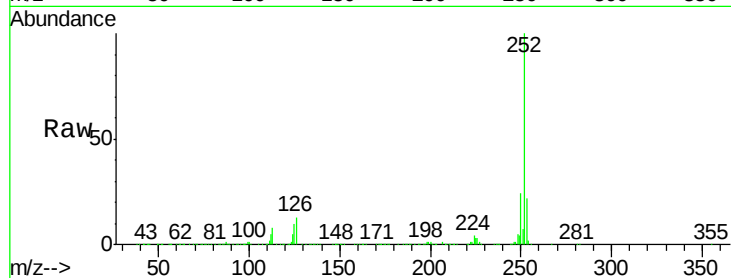
#89
Benzo(a)pyrene
Concen: 39.71 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.6	7.0	10.4

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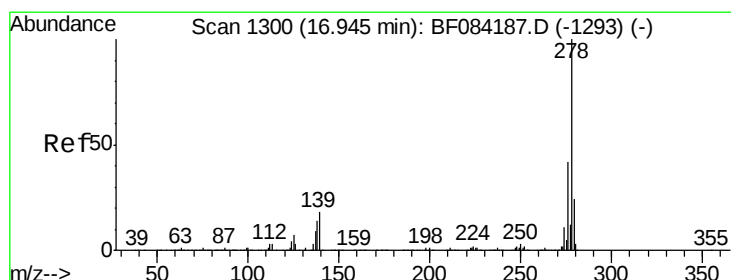
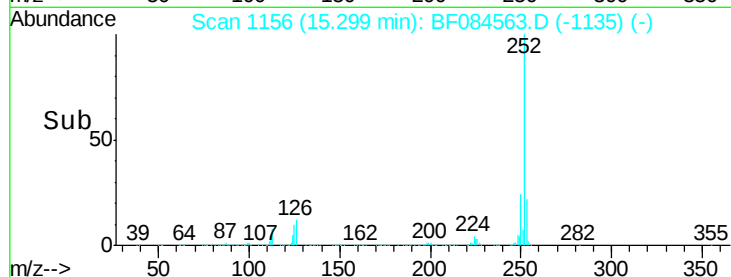
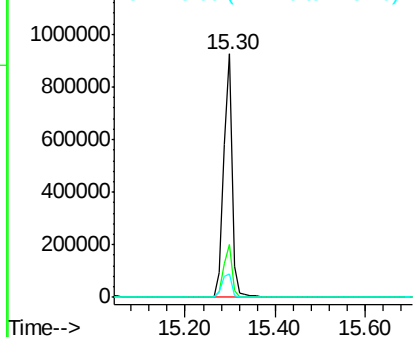


Abundance

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



#90
Dibenzo(a,h)anthracene
Concen: 40.43 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BF084563.D
Acq: 20 Jan 2016 11:55

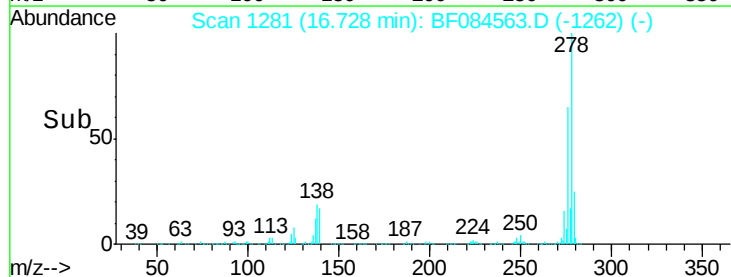
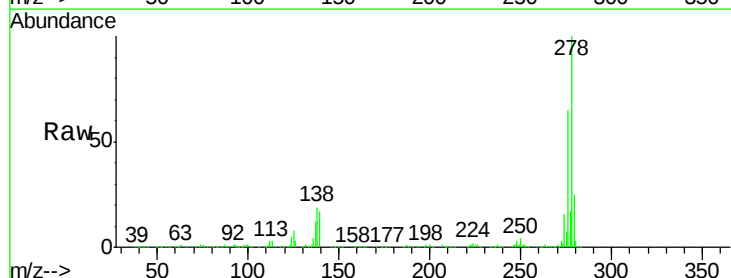
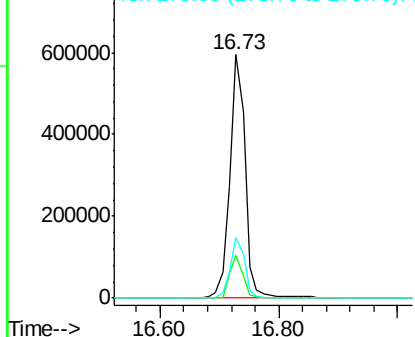
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.0	22.4
279	25.0	18.9	28.3

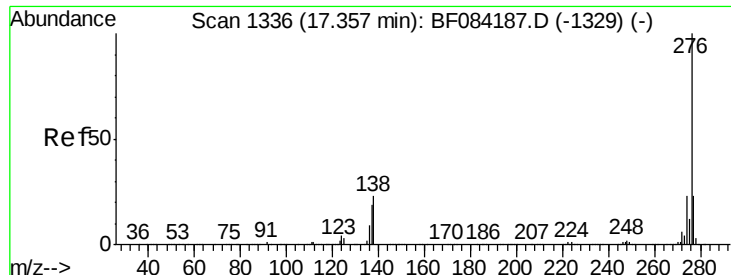
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





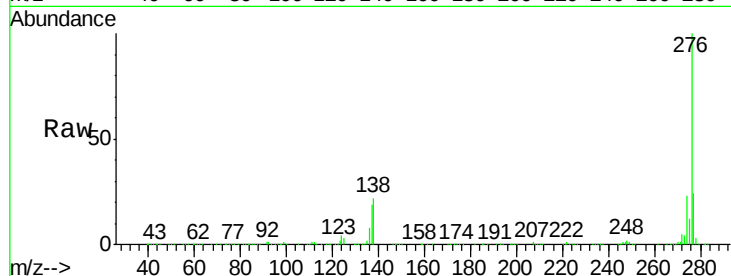
#91
 Benzo(a,h,i)perylene
 Concen: 40.60 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.09 min
 Lab File: BF084563.D
 Acq: 20 Jan 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.6	17.8	26.6

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

