

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084349.D
 Acq On : 9 Jan 2016 2:48
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:50 AM

Quant Time: Jan 09 04:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	363199	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1472832	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	724389	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1333736	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	936672	20.00	ng	-0.05
86) Perylene-d12	15.45	264	794653	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1797528	80.05	ng	-0.02
7) Phenol-d6	6.51	99	2233627	79.20	ng	-0.02
23) Nitrobenzene-d5	7.44	82	2180342	82.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	507890	69.45	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	3382998	81.93	ng	-0.03
78) Terphenyl-d14	12.97	244	3204110	76.36	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	414032	38.92	ng	# 73
3) Pyridine	3.16	79	1211819	40.86	ng	# 71
4) n-Nitrosodimethylamine	3.13	42	628018	41.25	ng	# 80
6) Aniline	6.52	93	1432288	34.72	ng	# 80
8) 2-Chlorophenol	6.65	128	958155	37.61	ng	86
9) Benzaldehyde	6.41	77	712859	38.82	ng	95
10) Phenol	6.53	94	1330487	41.49	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	990235	39.87	ng	84
12) 1,3-Dichlorobenzene	6.80	146	995624m	37.88	ng	
13) 1,4-Dichlorobenzene	6.88	146	1054655	40.02	ng	98
14) 1,2-Dichlorobenzene	7.04	146	978965	38.79	ng	96
15) Benzyl Alcohol	7.01	79	910889	38.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1573521	34.79	ng	77
17) 2-Methylphenol	7.13	107	814236	38.13	ng	# 90
18) Hexachloroethane	7.37	117	413195	39.21	ng	# 90
19) n-Nitroso-di-n-propylamine	7.29	70	660676	34.61	ng	# 75
20) 3+4-Methylphenols	7.29	107	890278	35.47	ng	# 80
22) Acetophenone	7.28	105	1404135	39.65	ng	# 95
24) Nitrobenzene	7.45	77	964447	35.93	ng	92
25) Isophorone	7.70	82	2099565	41.48	ng	96
26) 2-Nitrophenol	7.77	139	608888	49.84	ng	95
27) 2,4-Dimethylphenol	7.81	122	899571	36.38	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	1283285	41.51	ng	97
29) 2,4-Dichlorophenol	8.02	162	866407	42.07	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	840335	39.52	ng	98
31) Naphthalene	8.17	128	2430526	36.37	ng	97
32) Benzoic acid	7.95	122	372949	26.64	ng	93
33) 4-Chloroaniline	8.22	127	1332409	43.49	ng	98
34) Hexachlorobutadiene	8.29	225	493652	40.39	ng	98
35) Caprolactam	8.62	113	312637	45.03	ng	# 68
36) 4-Chloro-3-methylphenol	8.72	107	916626	39.73	ng	94
37) 2-Methylnaphthalene	8.86	142	1961204	40.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	766921	36.83	ng	98
40) Hexachlorocyclopentadiene	9.01	237	368938	29.35	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	548650	35.21	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	587468	39.33	nq	# 80
45) 1,1'-Biphenyl	9.32	154	2250525	39.09	nq	99
46) 2-Chloronaphthalene	9.36	162	1750697	38.71	nq	# 86
47) 2-Nitroaniline	9.45	65	564579	37.83	nq	97
48) Acenaphthylene	9.77	152	2635443	39.45	nq	95
49) Dimethylphthalate	9.64	163	2162744	41.76	nq	# 91
50) 2,6-Dinitrotoluene	9.70	165	517332	45.55	nq	98
51) Acenaphthene	9.94	154	1774268	39.59	nq	97
52) 3-Nitroaniline	9.87	138	625092	44.41	nq	# 78
53) 2,4-Dinitrophenol	9.96	184	138609	30.93	nq	# 79
54) Dibenzofuran	10.11	168	2301576	39.28	nq	91
55) 4-Nitrophenol	10.04	139	409845	40.12	nq	89
56) 2,4-Dinitrotoluene	10.10	165	674506	46.92	nq	94
57) Fluorene	10.45	166	1893834	42.04	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	484645	38.01	nq	88
59) Diethylphthalate	10.33	149	1851865	36.27	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	743413	38.03	nq	89
61) 4-Nitroaniline	10.49	138	574473	45.79	nq	87
62) Azobenzene	10.60	77	2072720	37.01	nq	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	249485	31.05	nq	# 45
65) n-Nitrosodiphenylamine	10.57	169	1626612	38.14	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	550236	38.33	nq	# 84
67) Hexachlorobenzene	11.00	284	620449	38.40	nq	# 83
68) Atrazine	11.09	200	507716	36.38	nq	98
69) Pentachlorophenol	11.20	266	305225	36.43	nq	99
70) Phenanthrene	11.41	178	2756382	39.51	nq	94
71) Anthracene	11.46	178	2544836	37.21	nq	97
72) Carbazole	11.62	167	2251039	33.67	nq	97
73) Di-n-butylphthalate	11.95	149	2673335	35.54	nq	# 94
74) Fluoranthene	12.60	202	2906196	39.88	nq	92
76) Benzidine	12.72	184	1005516	29.94	nq	99
77) Pyrene	12.83	202	2935819	39.94	nq	98
79) Butylbenzylphthalate	13.45	149	1303249	40.97	nq	92
80) Benzo(a)anthracene	14.01	228	2106437	38.30	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	764090	39.81	nq	# 95
82) Chrysene	14.05	228	2235502	42.30	nq	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1605583	39.96	nq	# 95
84) Di-n-octyl phthalate	14.61	149	2672645	39.40	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1815498	43.34	nq	99
87) Benzo(b)fluoranthene	15.04	252	2367936m	45.55	nq	
88) Benzo(k)fluoranthene	15.07	252	1320283m	31.06	nq	
89) Benzo(a)pyrene	15.39	252	1716440	38.93	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	1481613	39.05	nq	97
91) Benzo(g,h,i)perylene	17.28	276	1514508	38.55	nq	96

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

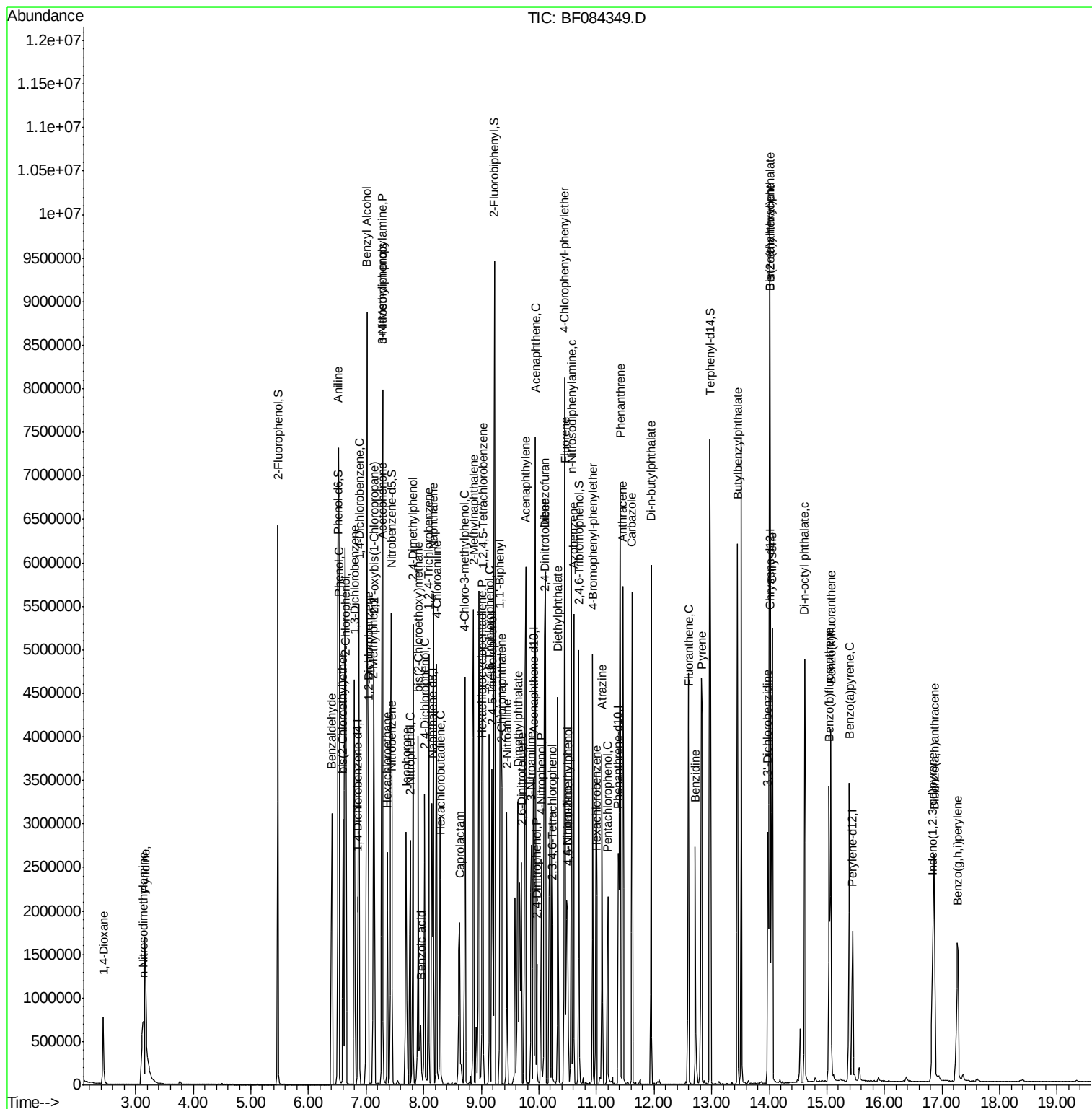
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Operator  : SJ/UM  
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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 363199

Ion Ratio Lower Upper

152 100

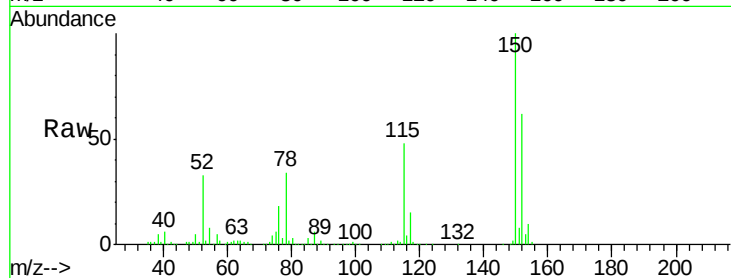
150 161.2 123.0 184.4

115 77.4 51.4 77.2#

Manual Integrations
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Sohil

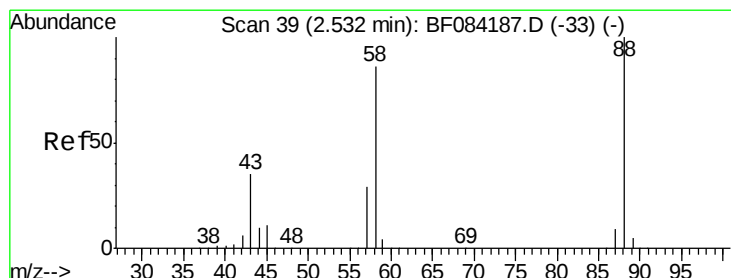
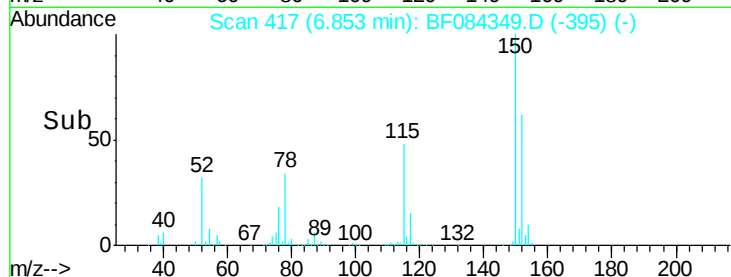
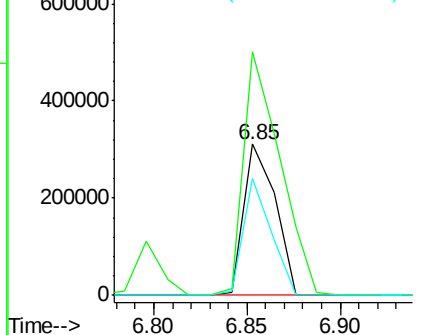
1/10/2016 9:51:50 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.92 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.09 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

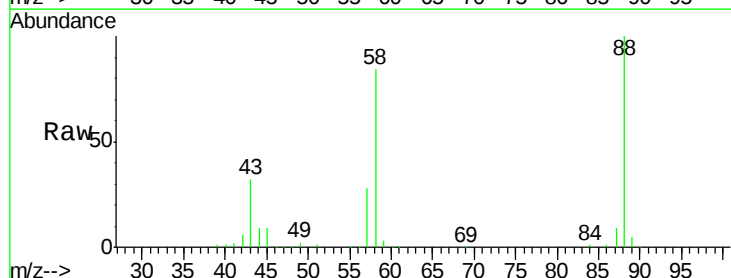
Tgt Ion: 88 Resp: 414032

Ion Ratio Lower Upper

88 100

58 87.6 51.2 76.8#

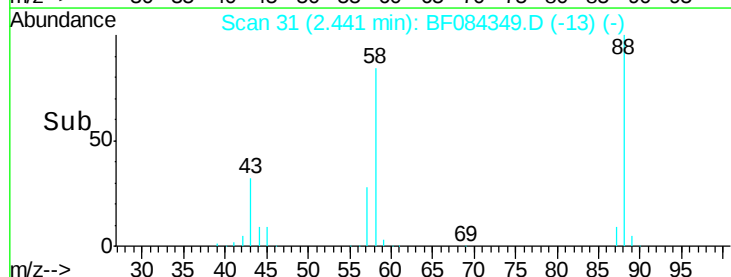
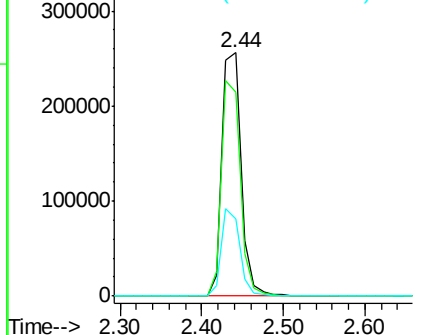
43 34.0 19.5 29.3#

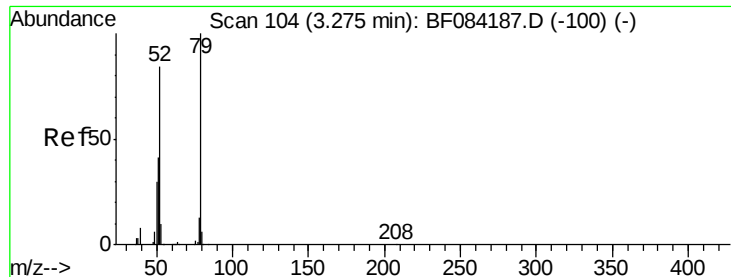


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.86 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.11 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 1211819

Ion Ratio Lower Upper

79 100

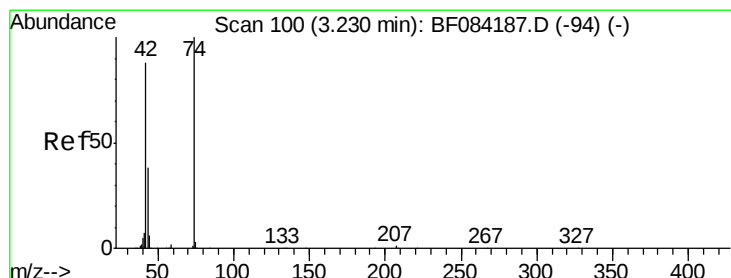
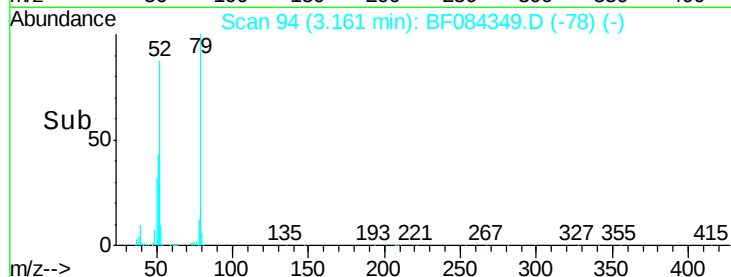
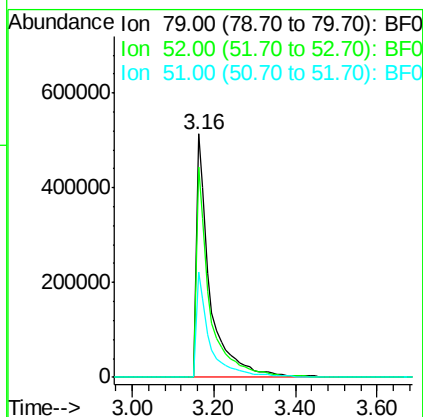
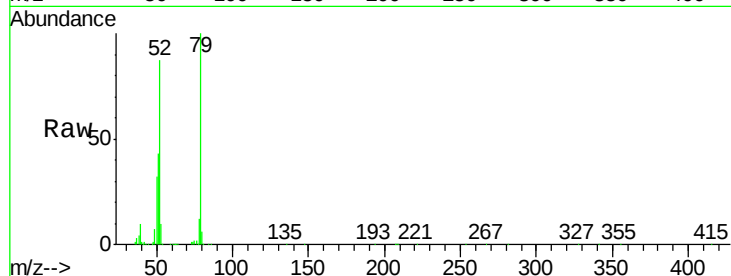
52 86.6 49.0 73.4#

51 43.4 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 41.25 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.10 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

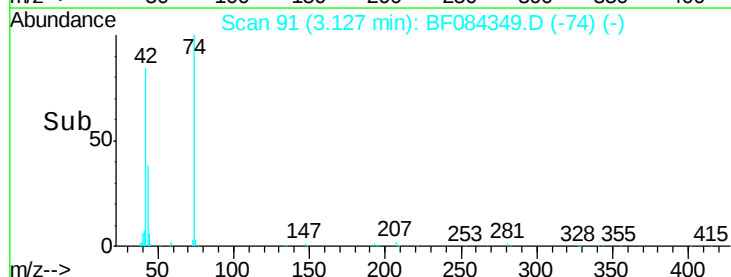
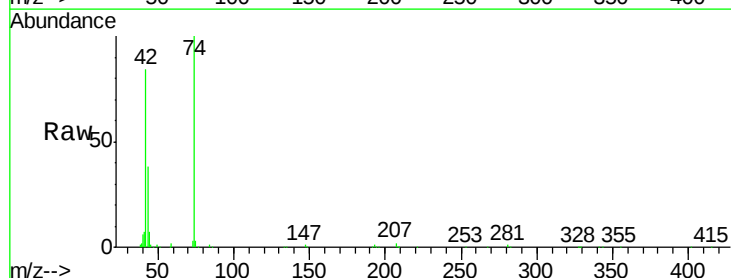
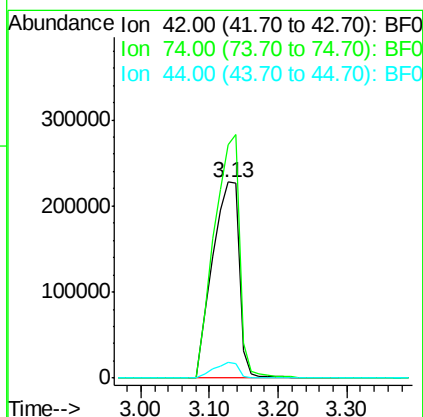
Tgt Ion: 42 Resp: 628018

Ion Ratio Lower Upper

42 100

74 118.9 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 80.05 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 1797528

Ion Ratio Lower Upper

112 100

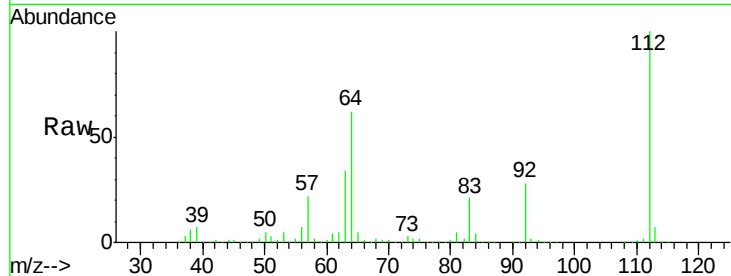
64 62.4 36.6 55.0#

63 33.7 19.4 29.0#

Manual Integrations
APPROVED

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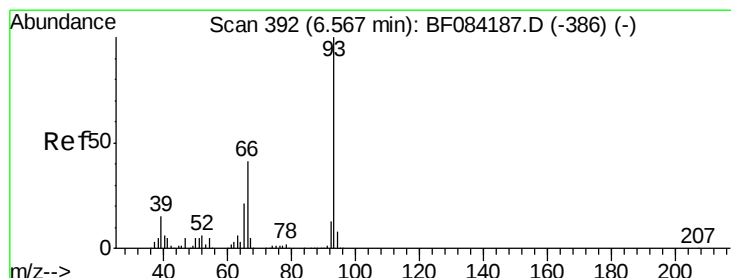
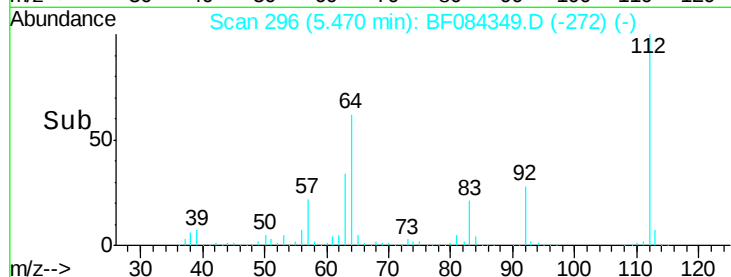
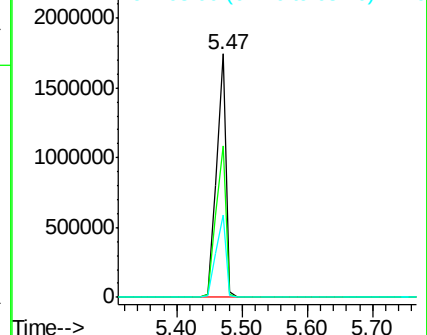
1/10/2016 9:51:50 AM



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: 34.72 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

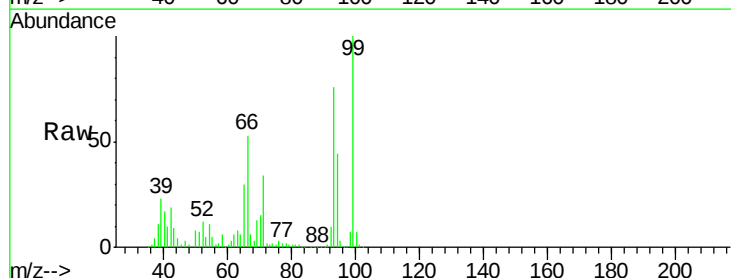
Tgt Ion: 93 Resp: 1432288

Ion Ratio Lower Upper

93 100

66 70.4 44.9 67.3#

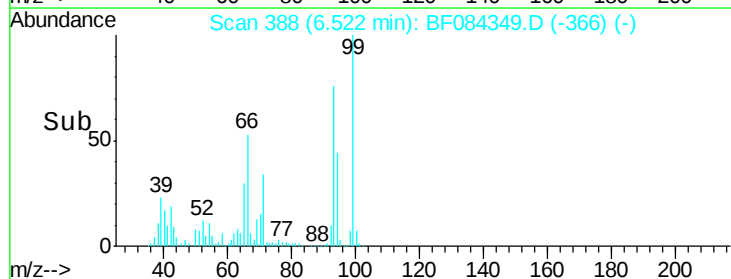
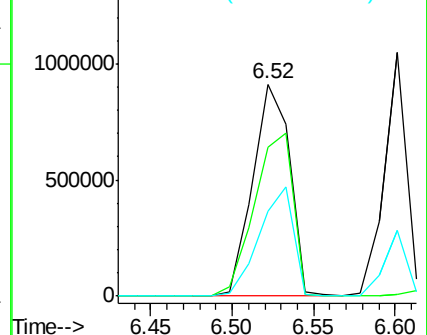
65 40.0 23.7 35.5#

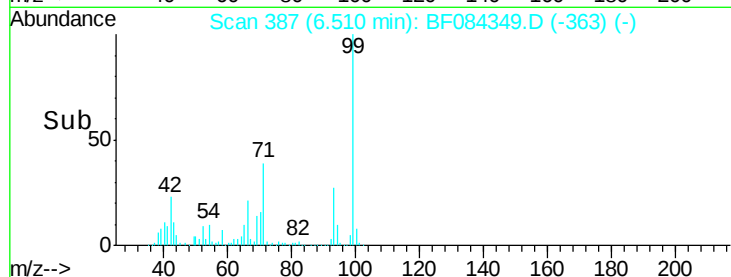
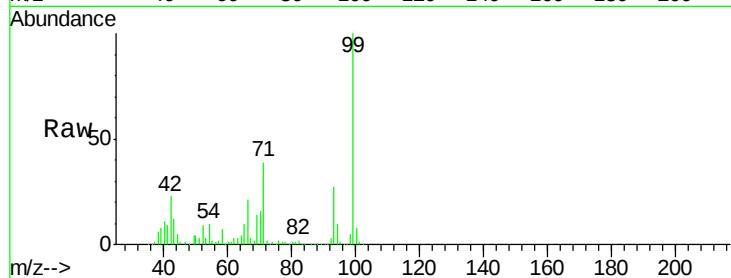
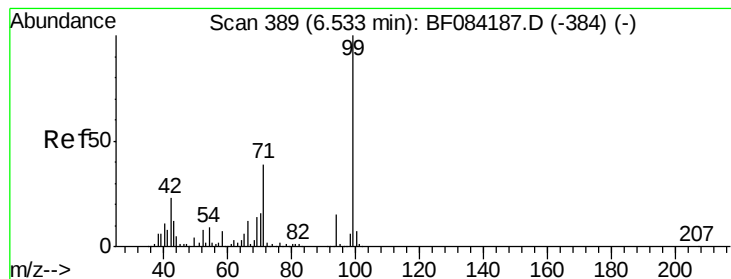


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.20 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tot Ion: 99 Resp: 2233627

Ion	Ratio	Lower	Upper
99	100		
42	22.9	12.8	19.2#
71	39.1	30.9	46.3

Instrument :

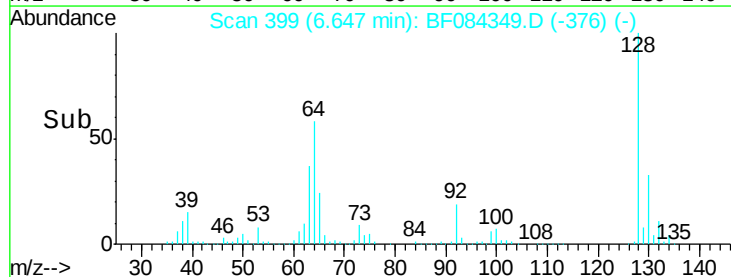
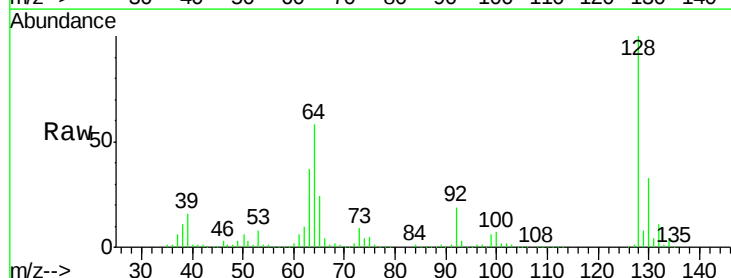
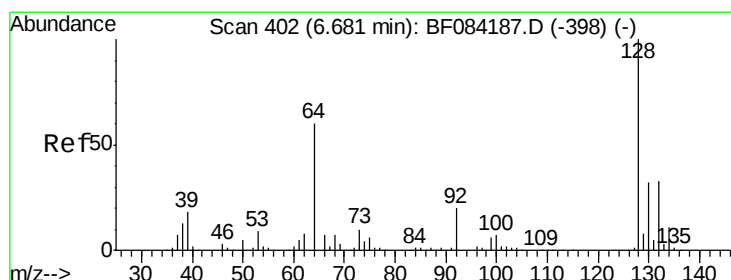
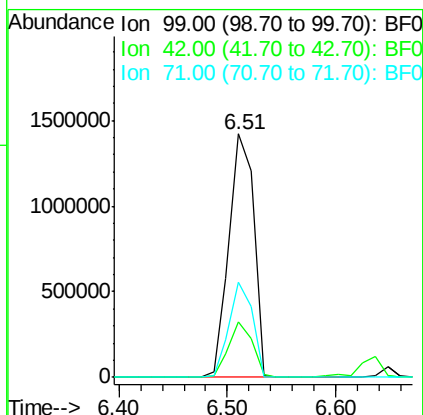
BNA_F

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SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 37.61 ng

RT: 6.65 min Scan# 399

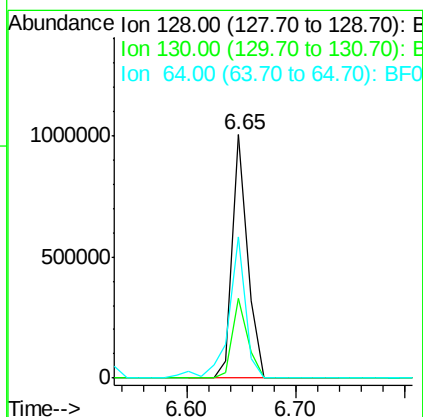
Delta R.T. -0.03 min

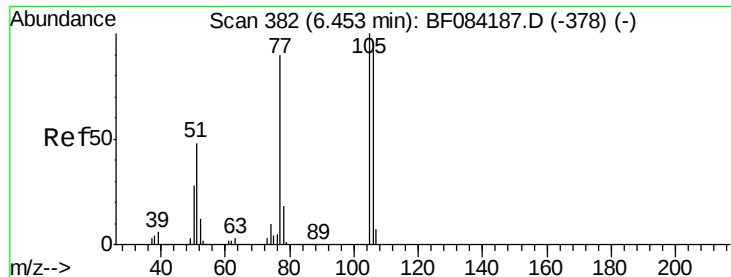
Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion: 128 Resp: 958155

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.6	51.6
64	57.8	23.8	63.8





#9

Benzaldehyde

Concen: 38.82 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

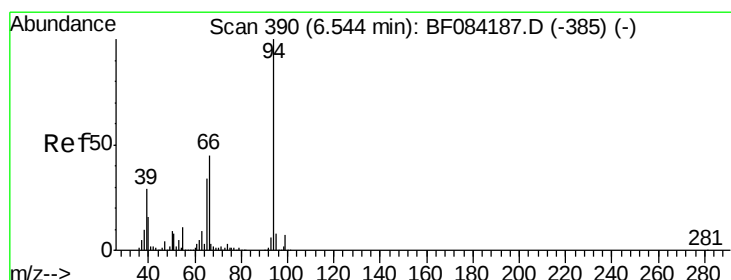
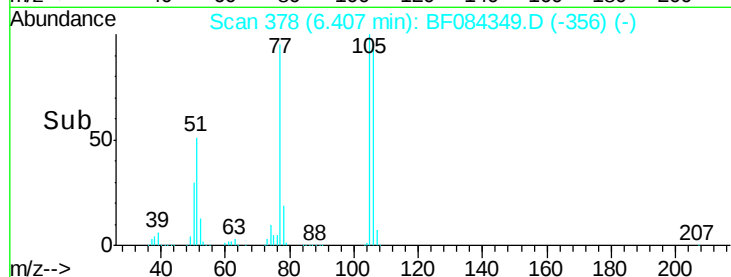
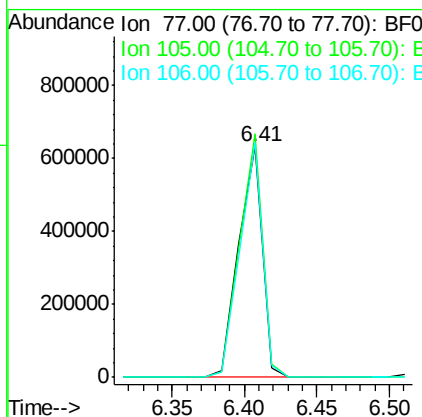
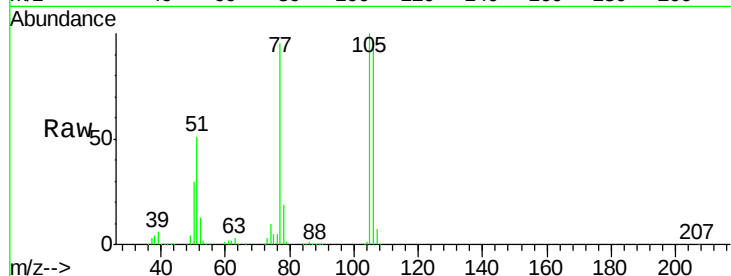
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	105.8	83.0	123.0
106	101.8	74.6	114.6

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#10

Phenol

Concen: 41.49 ng

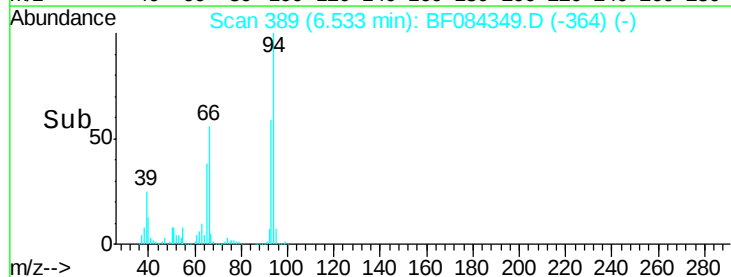
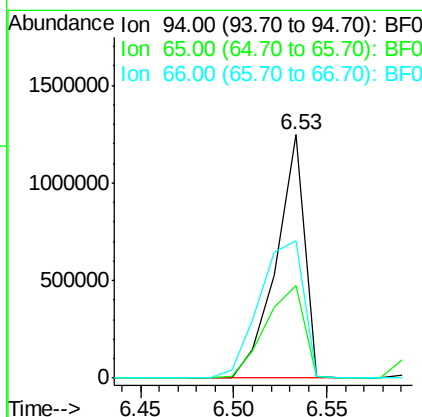
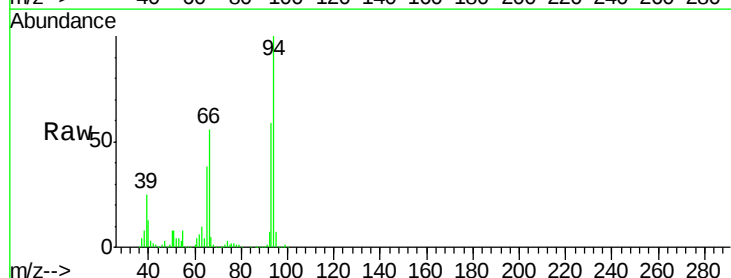
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.8	12.9	52.9
66	56.3	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.87 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

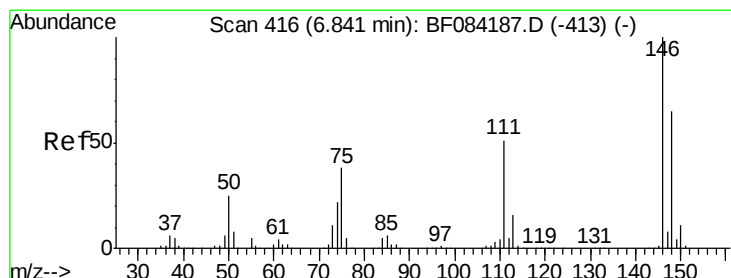
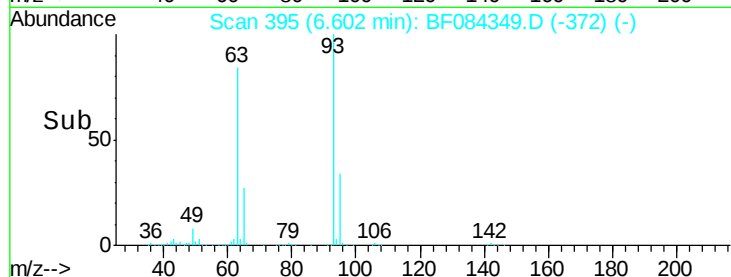
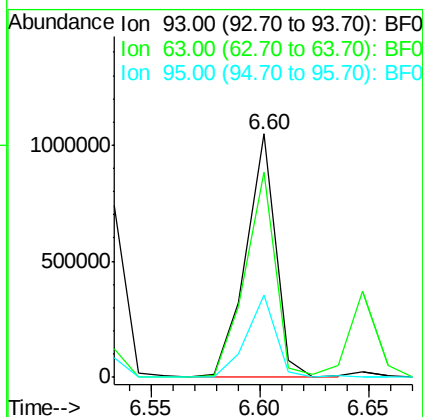
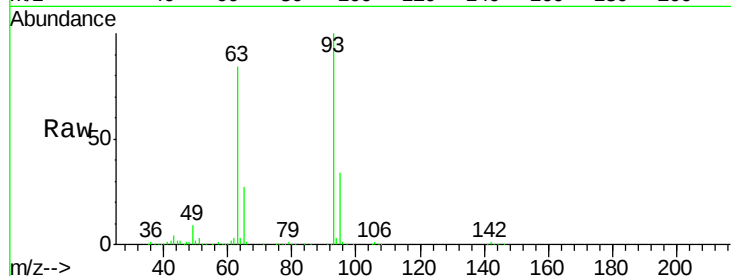
ClientSampleId :

SSTDCCC040EC

Tot Ion	93	Resp	990235
Ion Ratio	Lower	Upper	
93	100		
63	84.3	45.9	85.9
95	33.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 37.88 ng m

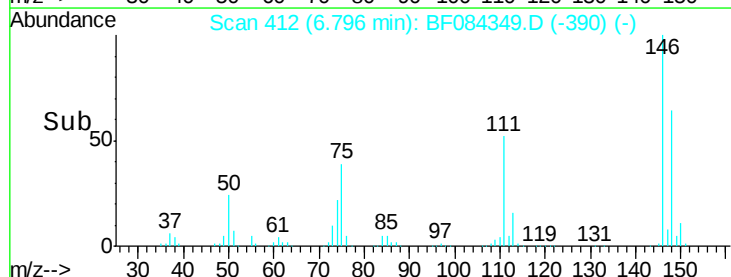
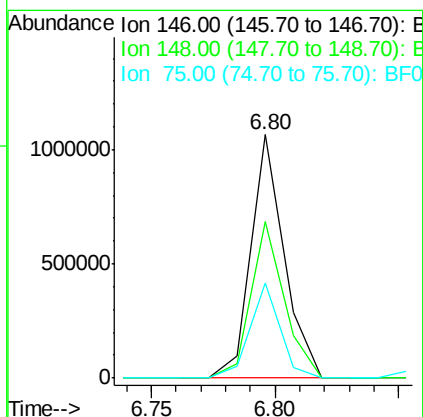
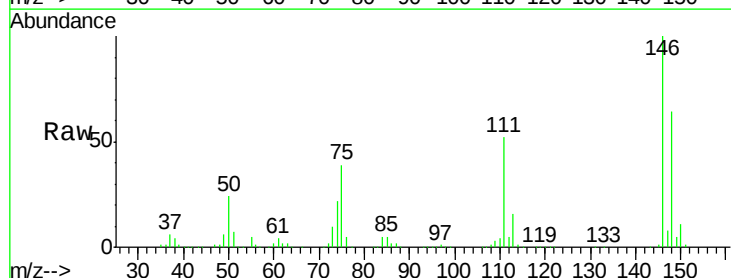
RT: 6.80 min Scan# 412

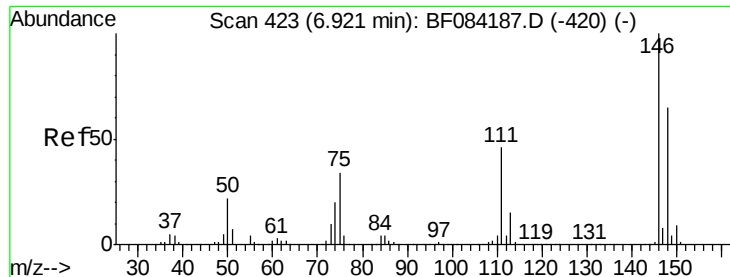
Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion	146	Resp	995624
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
75	39.2	20.5	30.7#





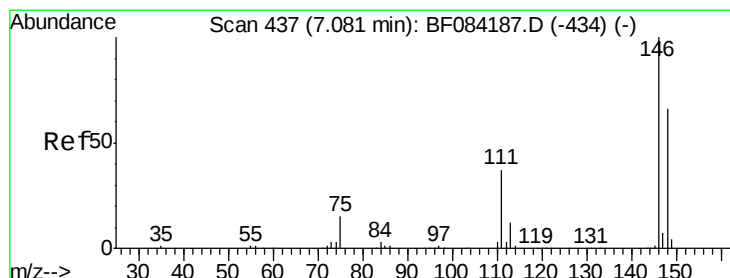
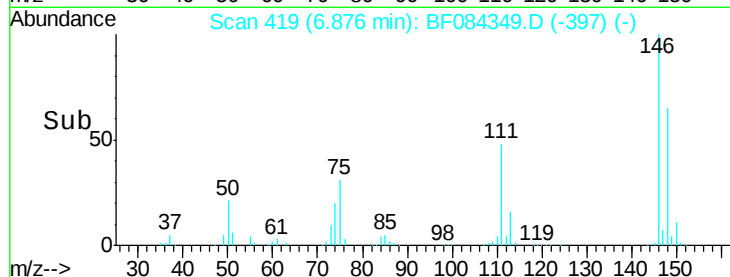
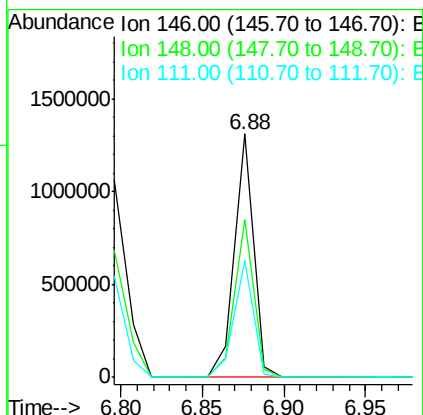
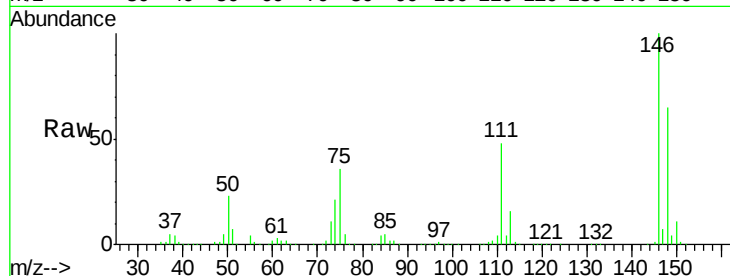
#13
 1,4-Dichlorobenzene
 Concen: 40.02 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 1054655
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 48.2 41.6 62.4

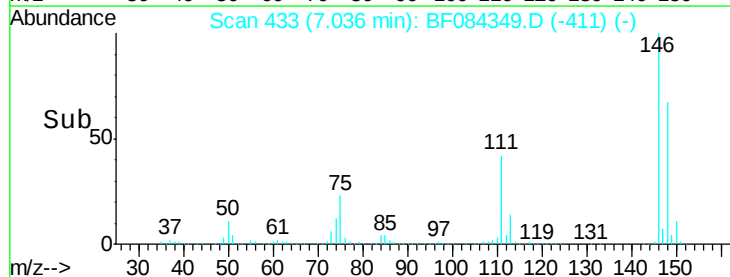
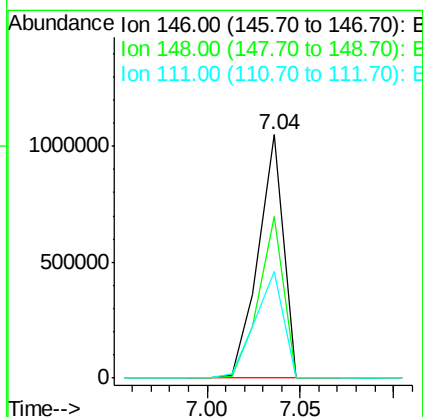
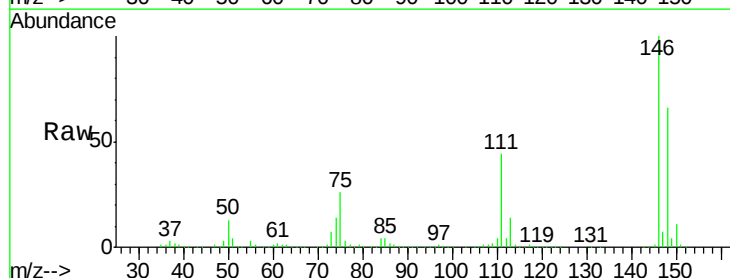
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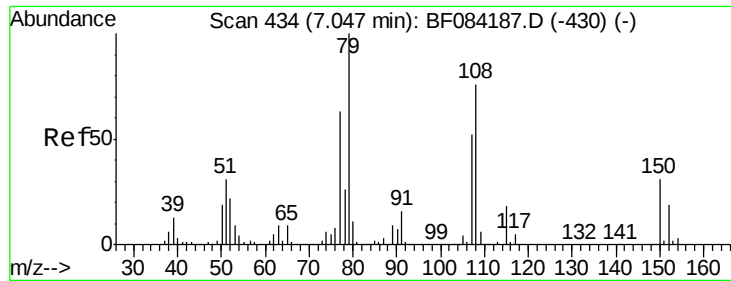
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.79 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion:146 Resp: 978965
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.6 77.4
 111 43.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 38.40 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

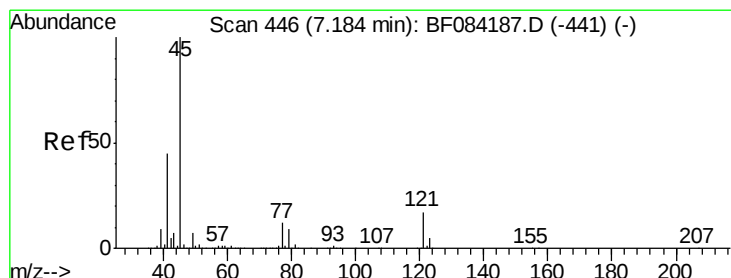
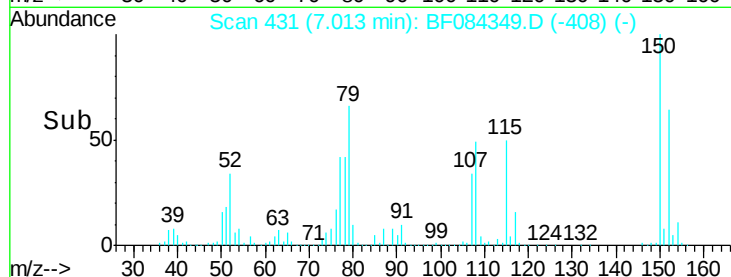
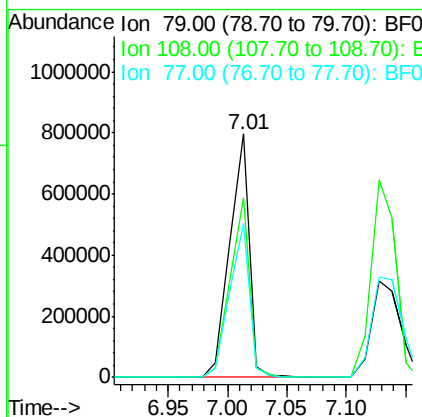
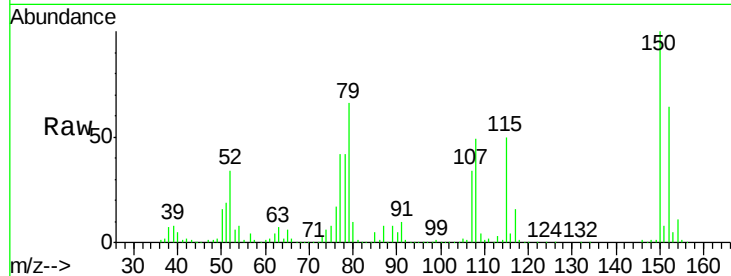
ClientSampled :

SSTDCCC040EC

Tot Ion:	79	Resp:	910889
Ion Ratio	Lower	Upper	
79	100		
108	73.9	69.0	103.4
77	63.5	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.79 ng

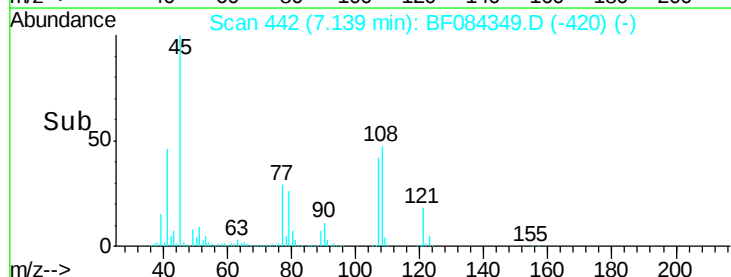
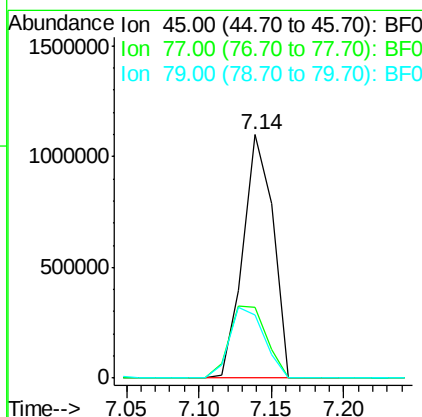
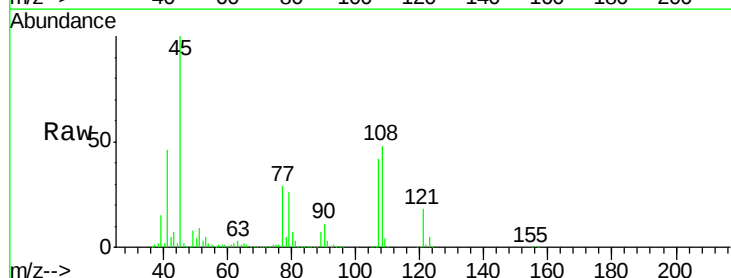
RT: 7.14 min Scan# 442

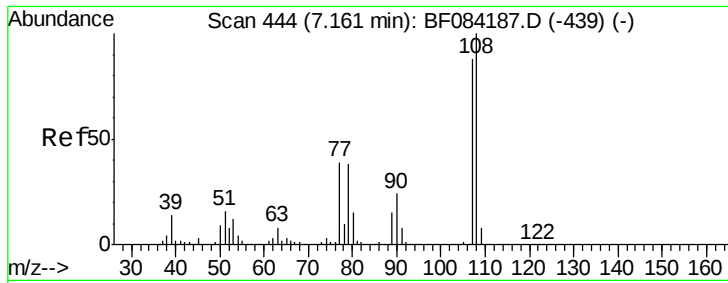
Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:	45	Resp:	1573521
Ion Ratio	Lower	Upper	
45	100		
77	28.9	0.0	39.6
79	25.7	0.0	35.0





#17

2-Methylphenol

Concen: 38.13 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC

Tot Ion:107 Resp: 814236
Ion Ratio Lower Upper

107 100

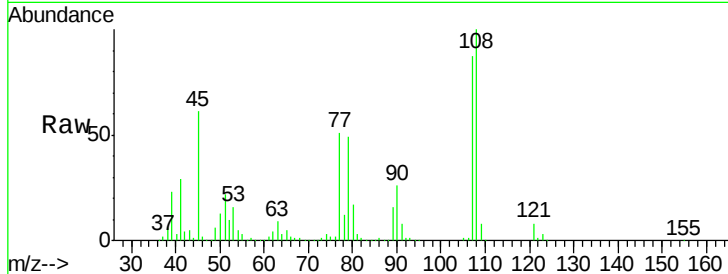
108 115.1 89.8 134.6

77 58.6 35.7 53.5#

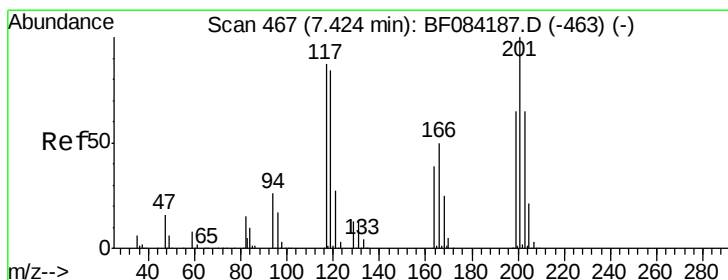
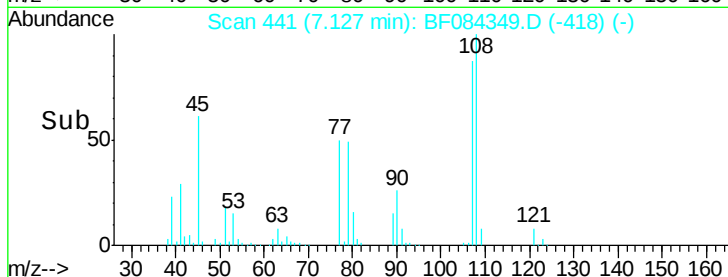
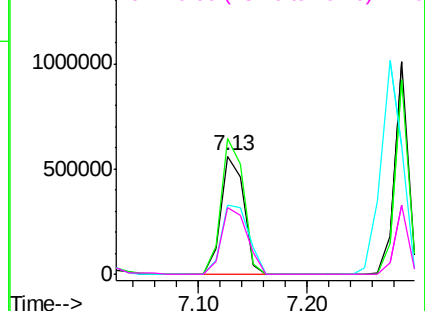
79 56.7 35.7 53.5#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.21 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084349.D

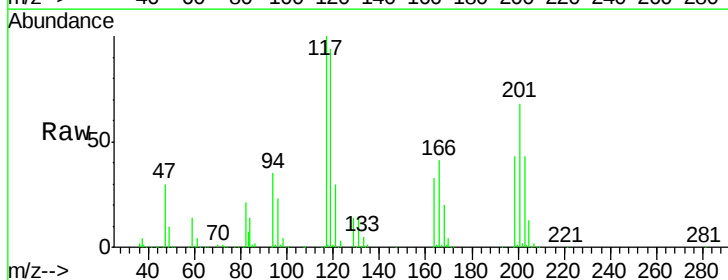
Acq: 9 Jan 2016 2:48

Tgt Ion:117 Resp: 413195
Ion Ratio Lower Upper

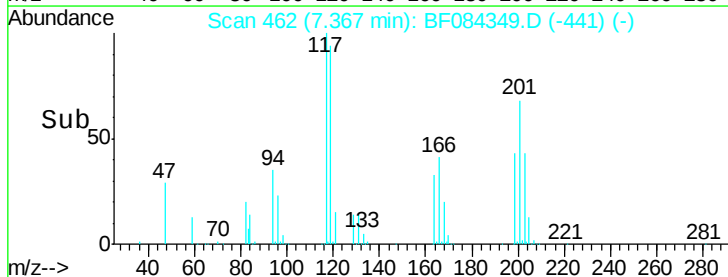
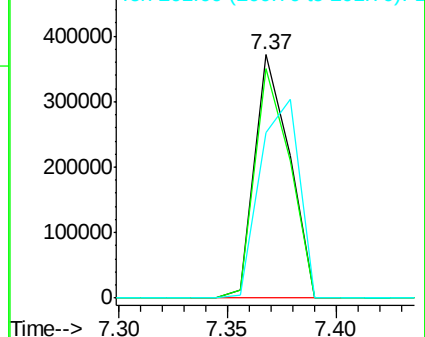
117 100

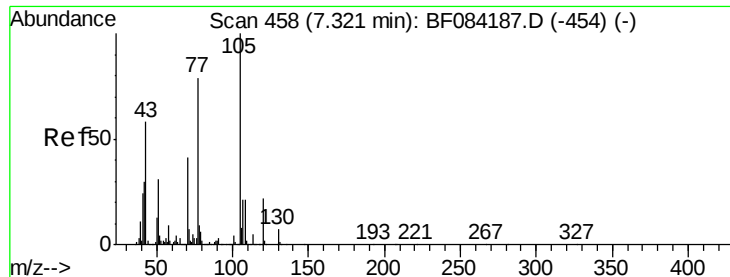
119 94.5 77.4 116.0

201 67.9 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





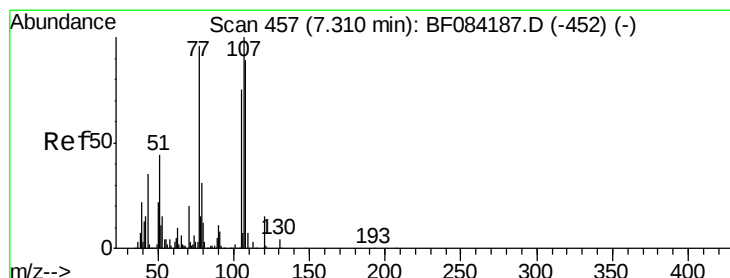
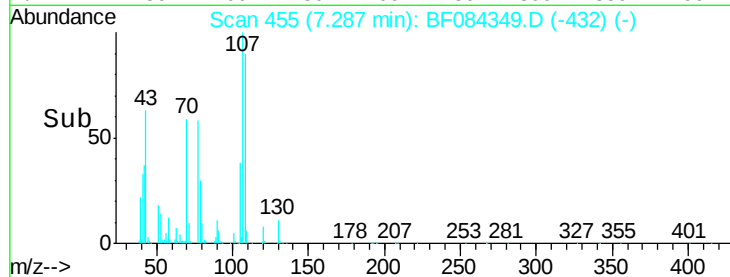
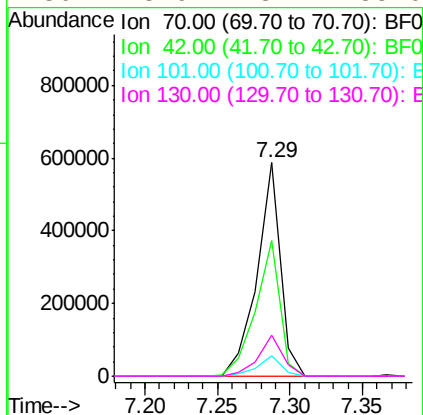
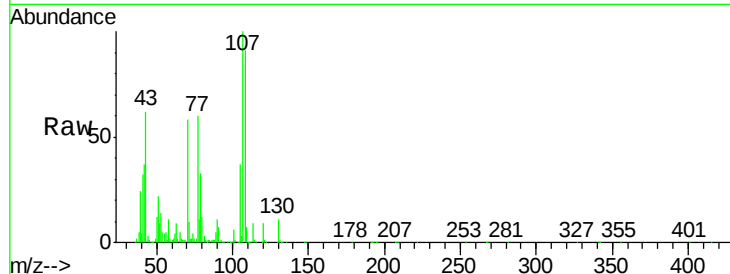
#19
n-Nitroso-di-n-propylamine
Concen: 34.61 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	33.3	49.9#
101	9.5	9.3	13.9
130	18.9	23.4	35.0#

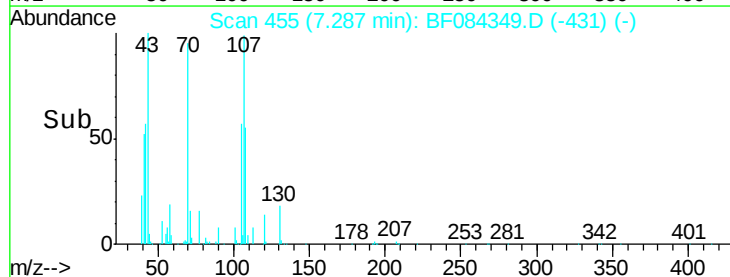
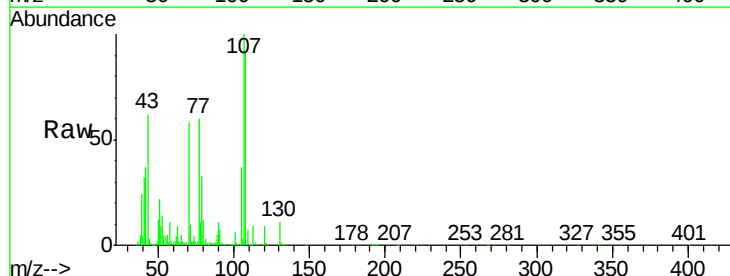
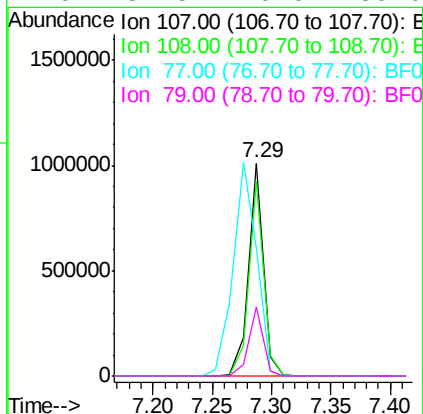
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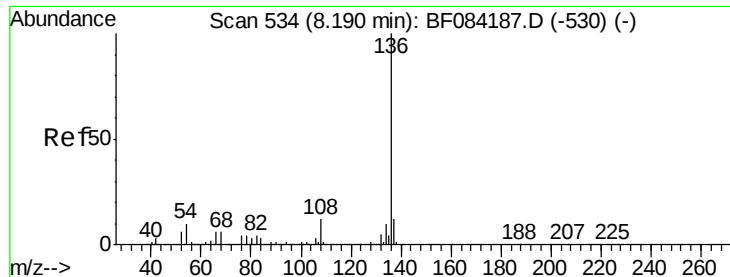
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#20
3+4-Methylphenols
Concen: 35.47 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	74.6	114.6
77	60.0	0.7	40.7#
79	32.5	0.0	39.0





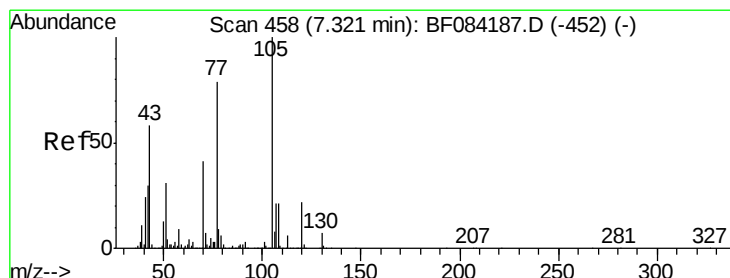
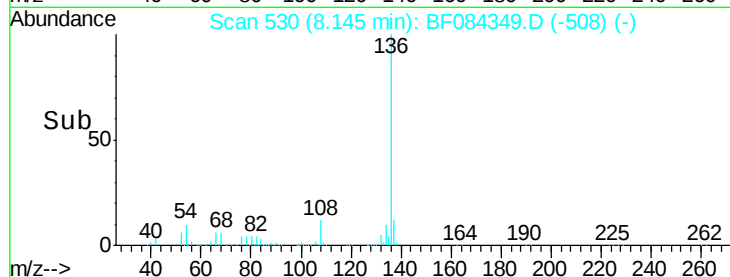
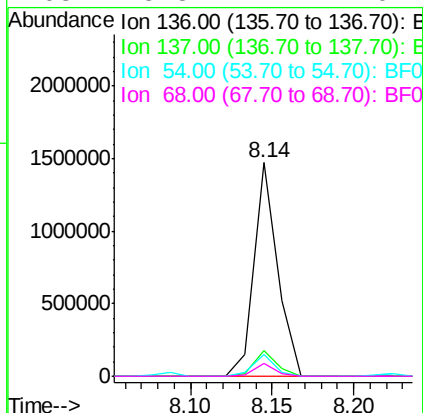
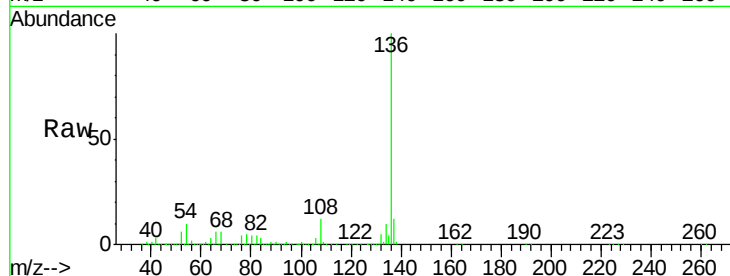
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1472832
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	10.4	5.8	8.8#
68	5.8	4.2	6.2

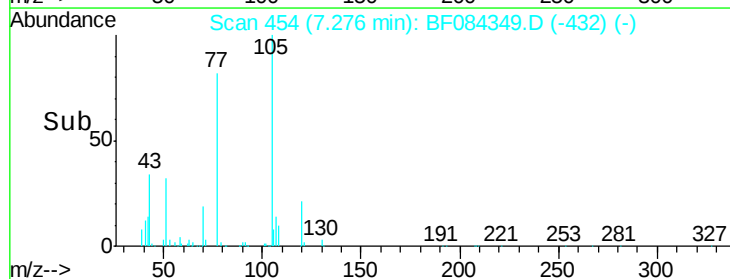
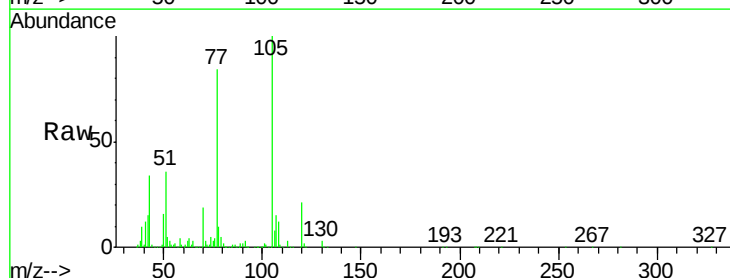
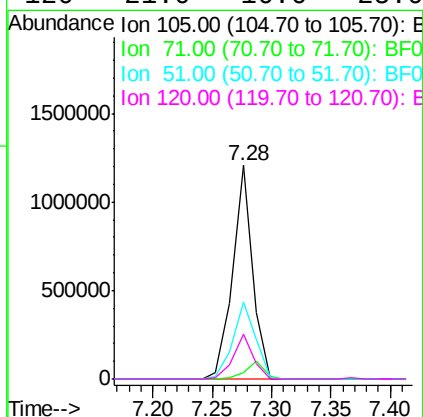
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#22
Acetophenone
Concen: 39.65 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	105	Resp	1404135
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.7	5.5#
51	35.9	25.1	37.7
120	21.0	16.6	25.0





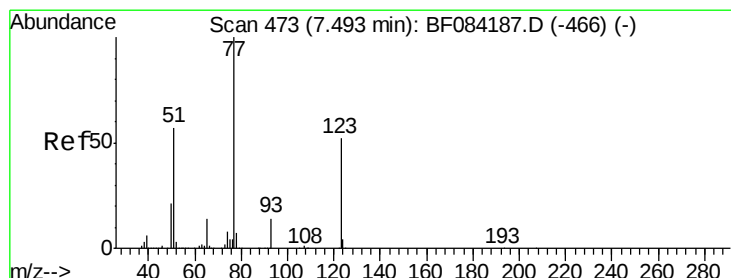
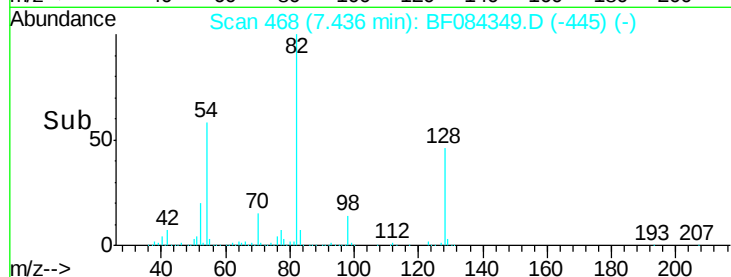
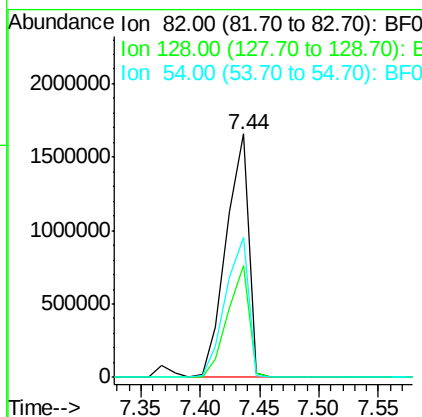
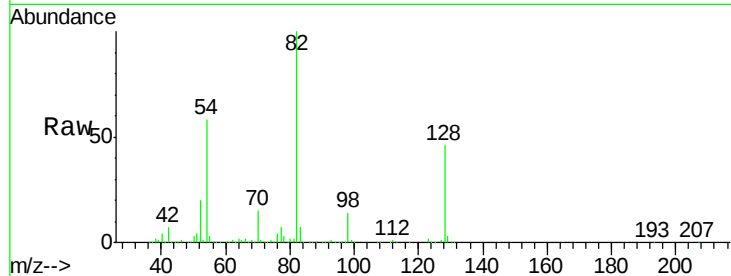
#23
 Nitrobenzene-d5
 Concen: 82.39 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	51.8
54	57.6	38.4	57.6

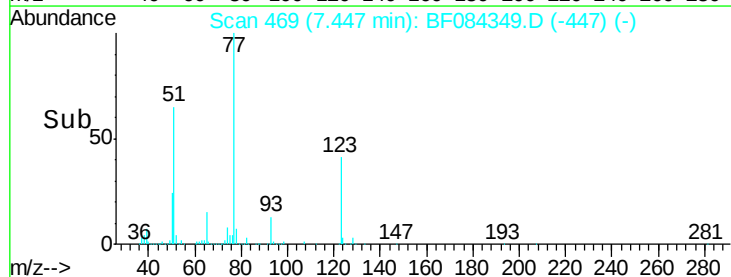
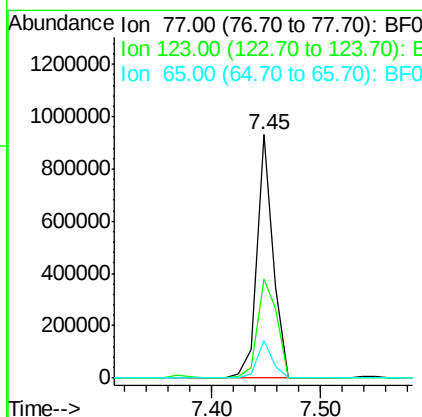
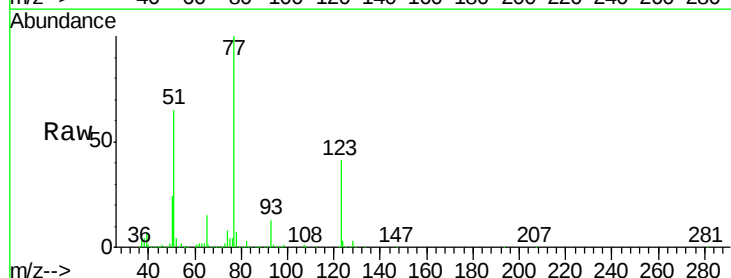
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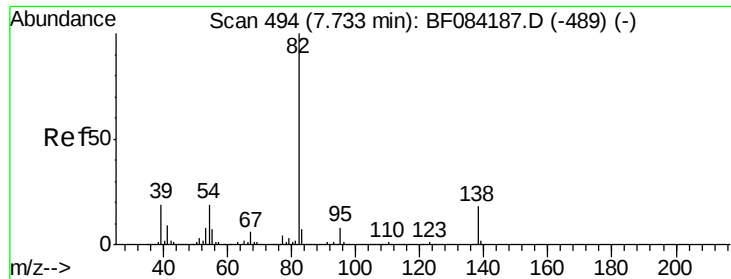
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#24
 Nitrobenzene
 Concen: 35.93 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	37.4	56.2
65	15.3	10.9	16.3





#25

Isophorone

Concen: 41.48 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 2099565

Ion Ratio Lower Upper

82 100

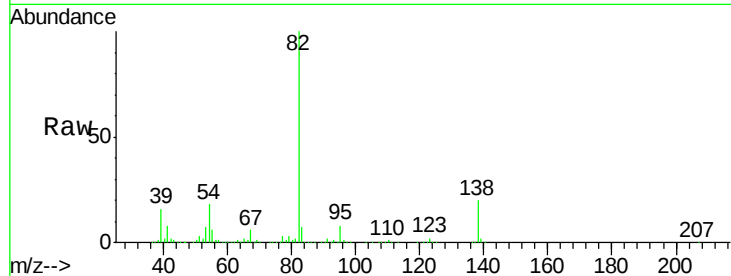
95 8.2 6.6 10.0

138 19.6 13.6 20.4

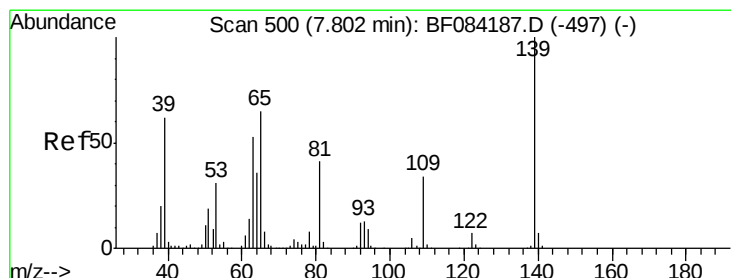
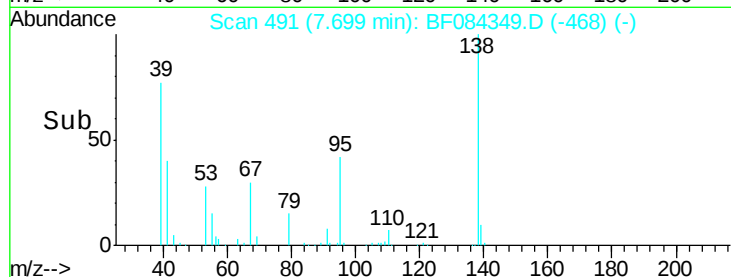
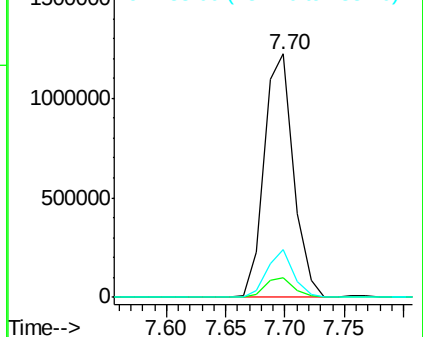
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.84 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

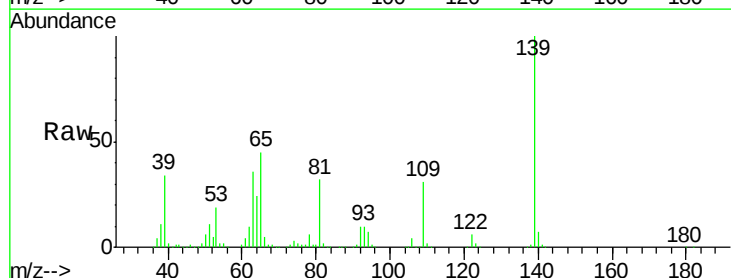
Tgt Ion: 139 Resp: 608888

Ion Ratio Lower Upper

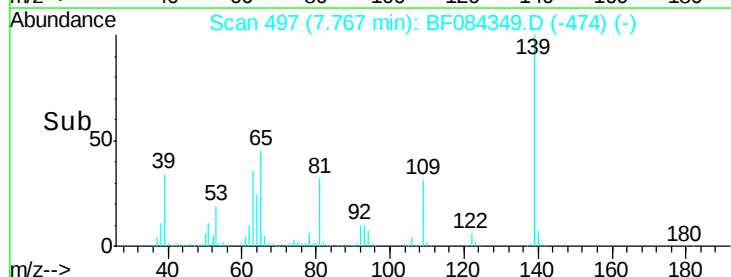
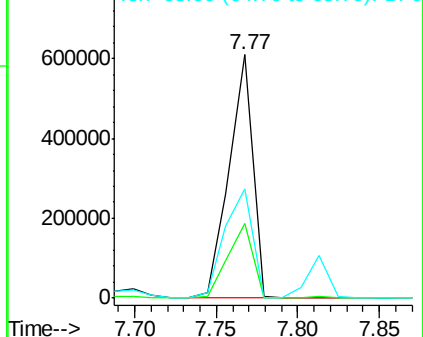
139 100

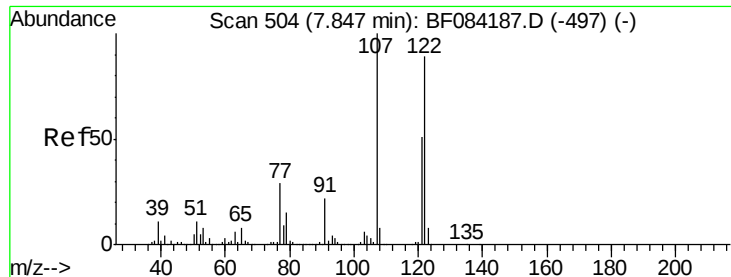
109 30.8 25.4 38.2

65 44.8 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 36.38 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

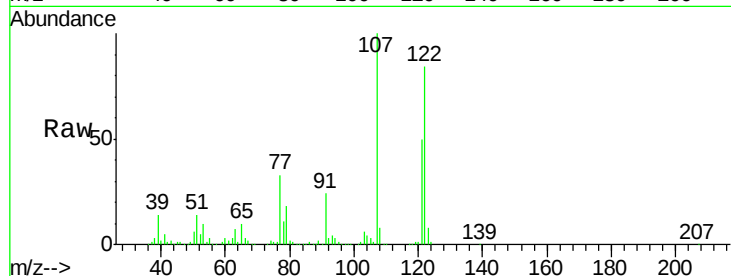
ClientSampleId :

SSTDCCC040EC

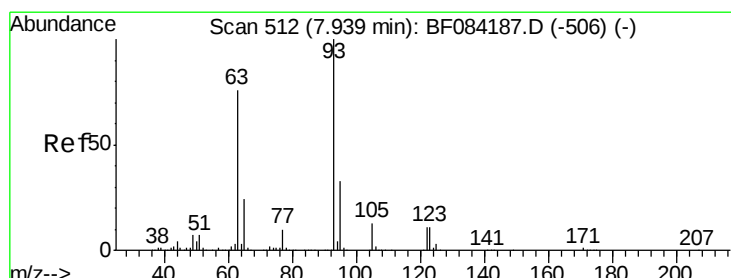
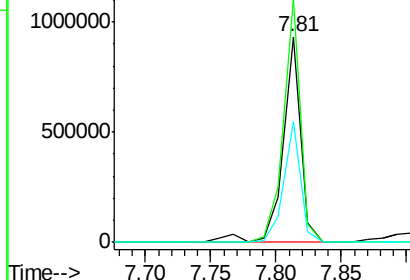
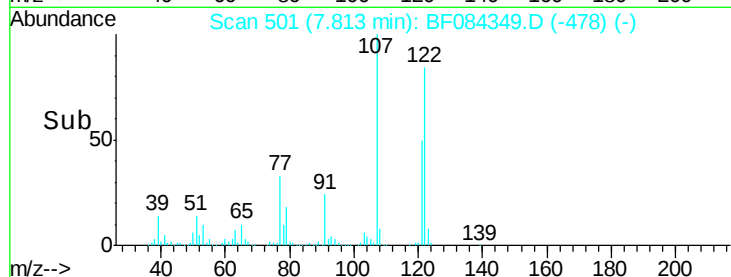
Tot Ion:	122	Resp:	899571
Ion Ratio	Lower	Upper	
122	100		
107	118.5	99.1	148.7
121	59.0	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
1500000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.51 ng

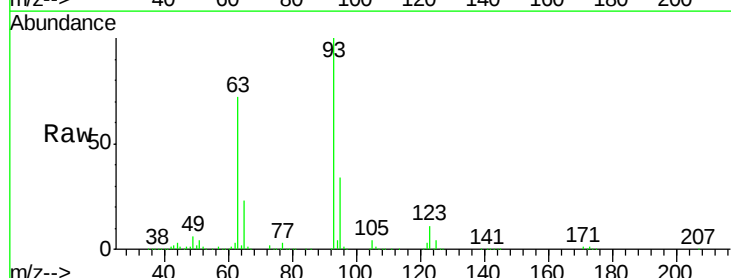
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

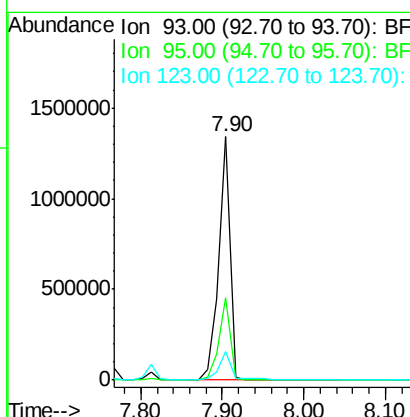
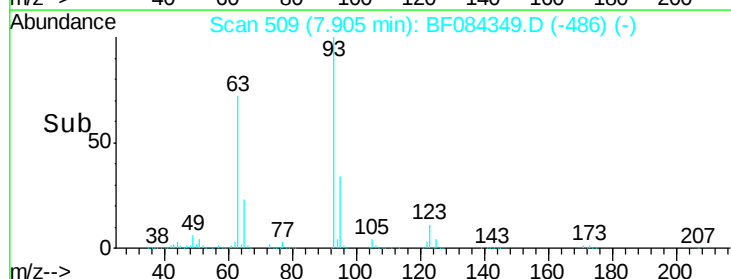
Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:	93	Resp:	1283285
Ion Ratio	Lower	Upper	
93	100		
95	33.8	25.8	38.6
123	11.5	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
1500000
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.07 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

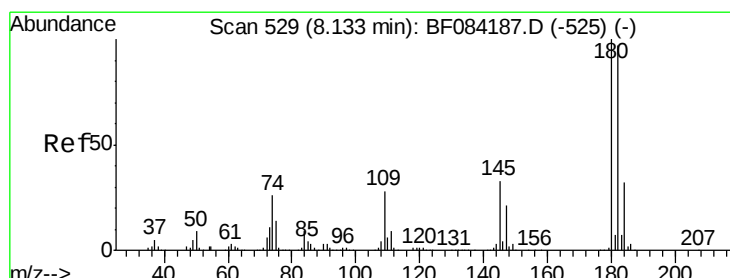
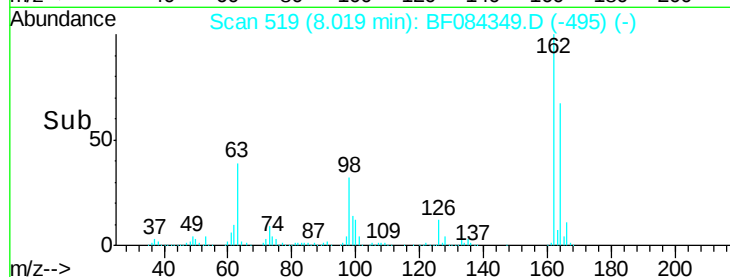
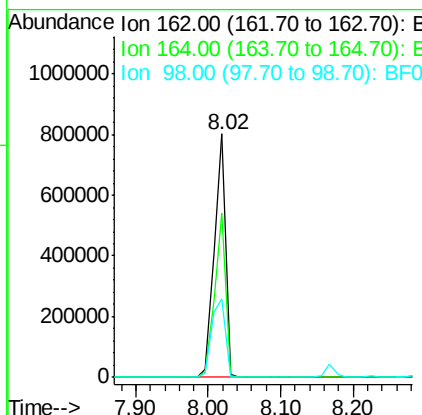
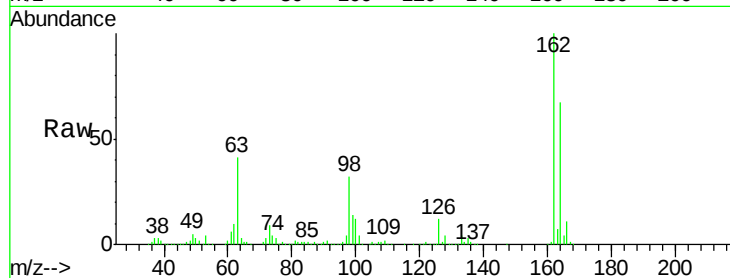
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	866407
Ion Ratio	Lower	Upper	
162	100		
164	67.4	44.1	84.1
98	32.0	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 39.52 ng

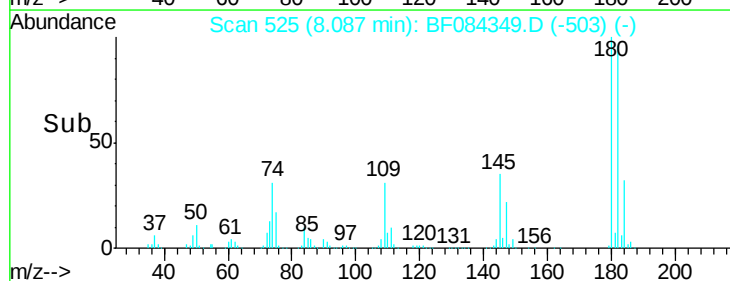
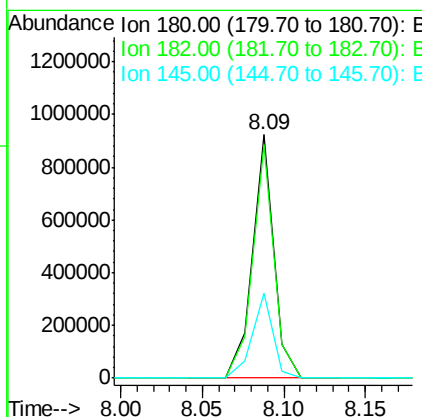
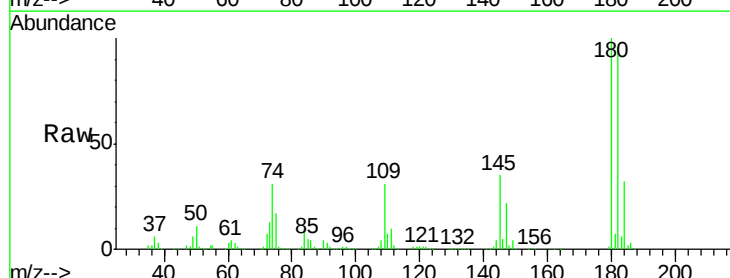
RT: 8.09 min Scan# 525

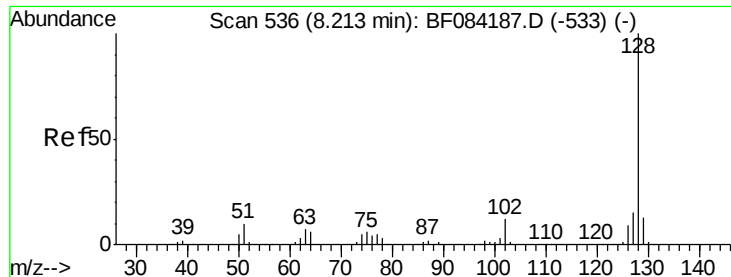
Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:	180	Resp:	840335
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
145	34.9	31.6	47.4





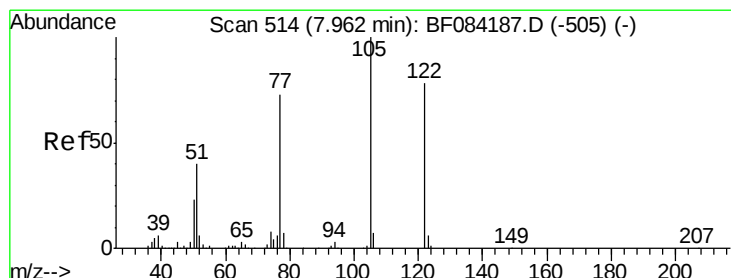
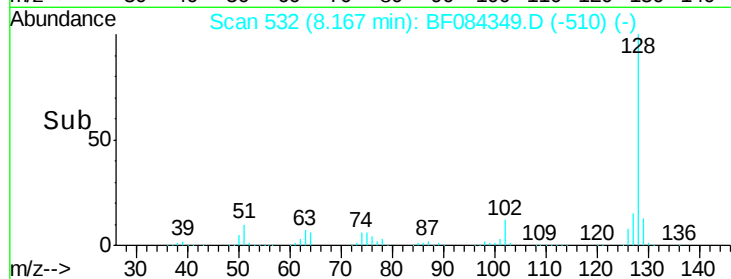
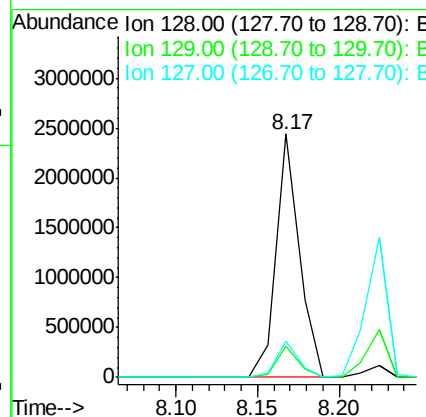
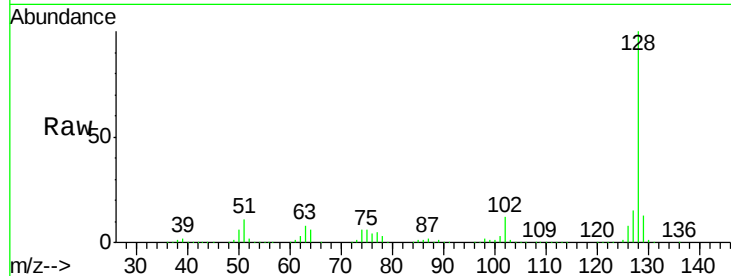
#31
Naphthalene
Concen: 36.37 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2430526
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 14.8 11.1 16.7

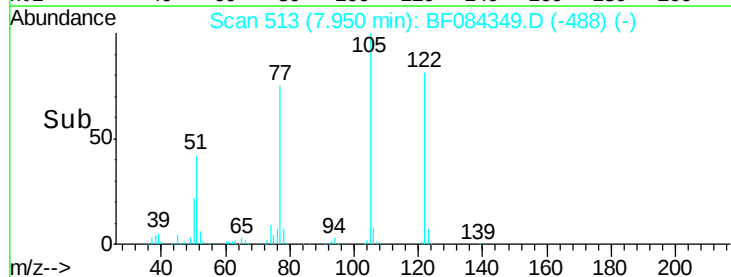
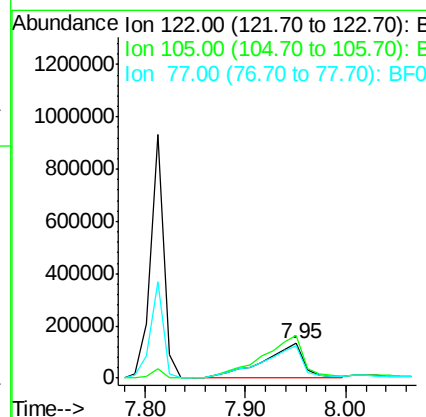
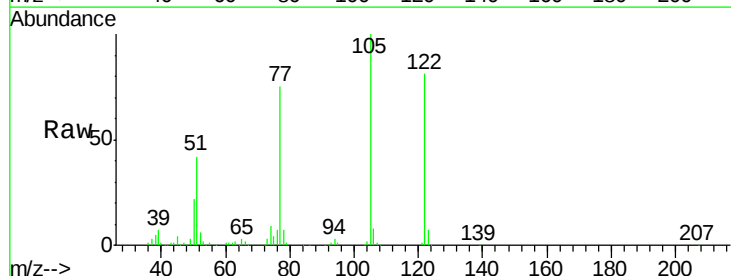
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#32
Benzoic acid
Concen: 26.64 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion:122 Resp: 372949
Ion Ratio Lower Upper
122 100
105 124.1 100.3 140.3
77 93.6 63.5 103.5





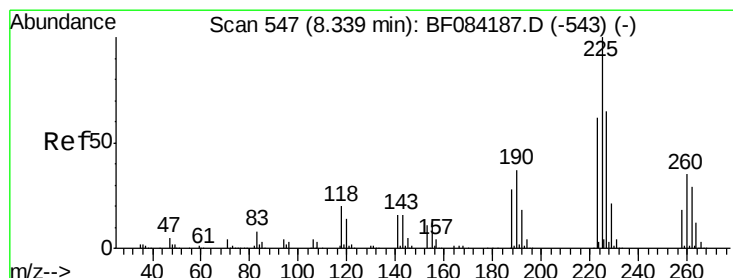
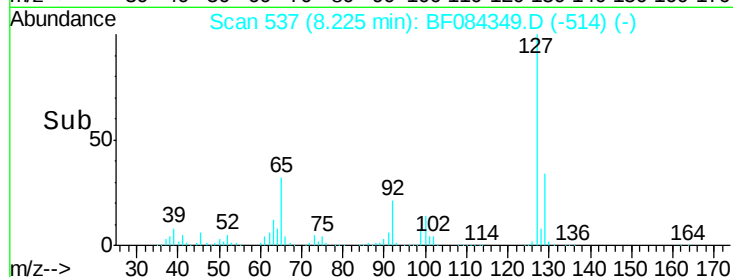
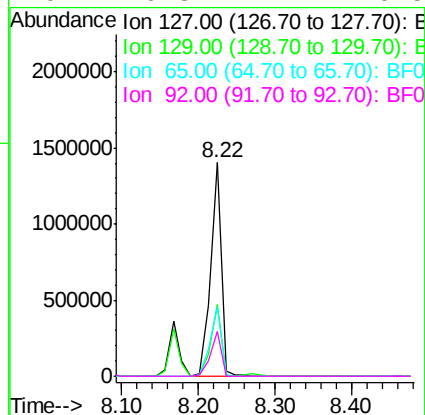
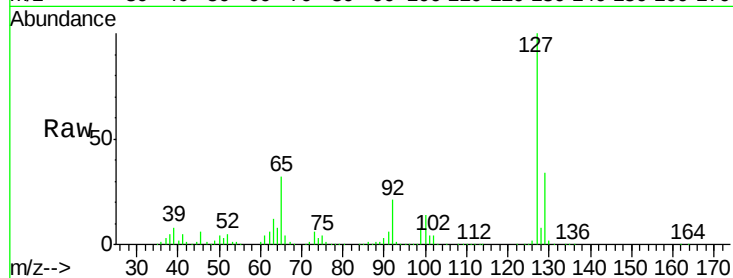
#33
4-Chloroaniline
Concen: 43.49 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.8	26.5	39.7	
65	32.5	27.2	40.8	
92	20.8	17.7	26.5	

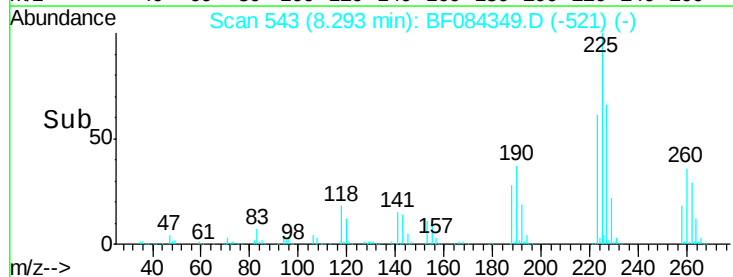
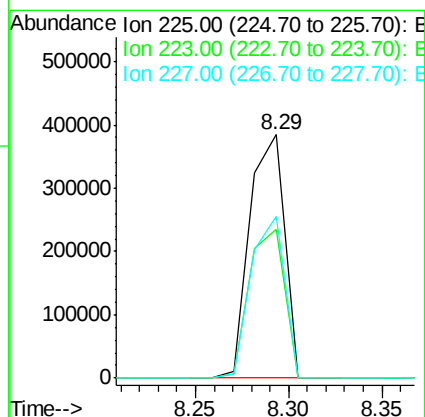
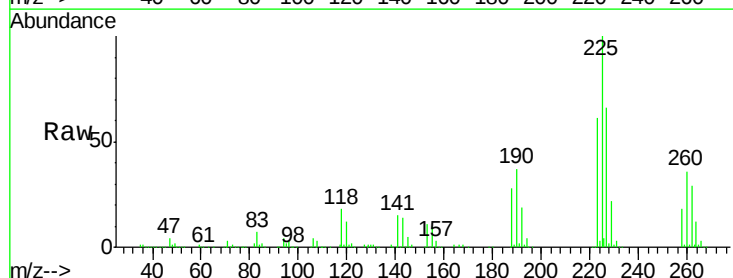
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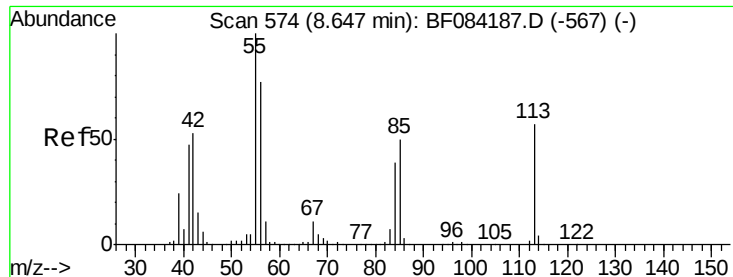
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#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.4	49.4	74.0	
227	66.5	50.8	76.2	





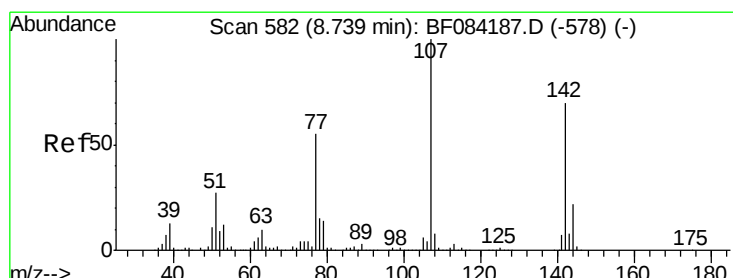
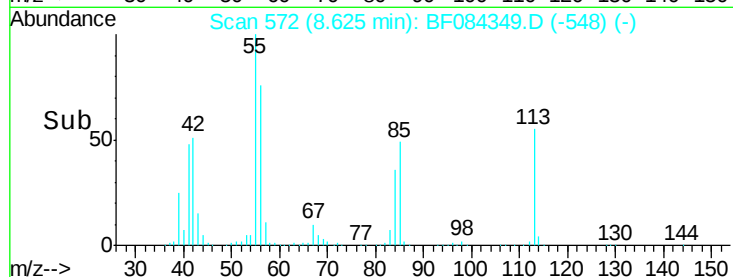
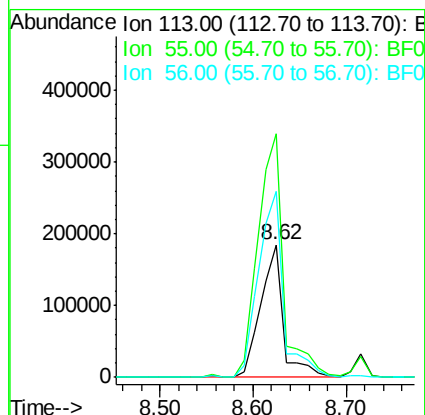
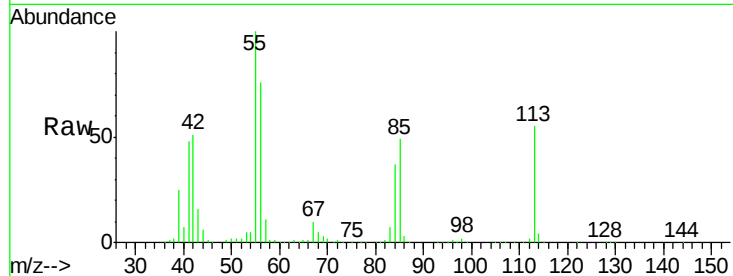
#35
Caprolactam
Concen: 45.03 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.4	116.9	156.9#
56	139.7	93.8	133.8#

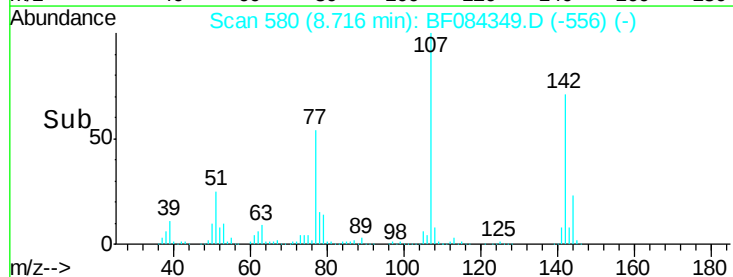
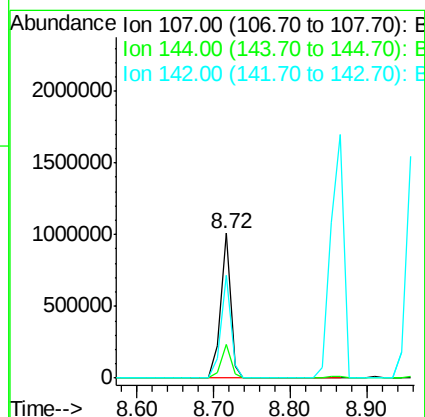
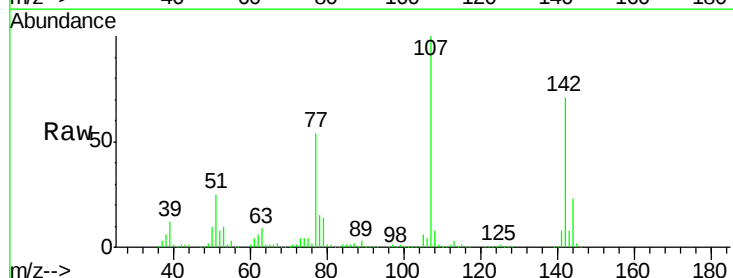
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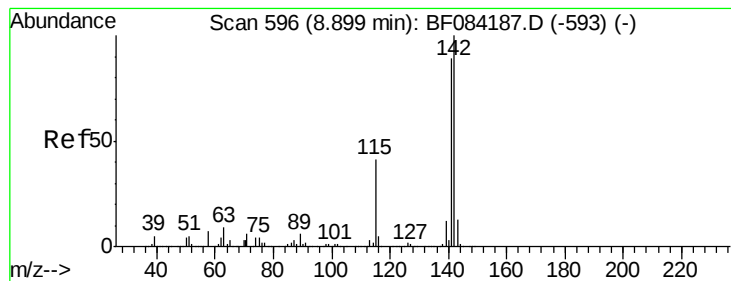
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#36
4-Chloro-3-methylphenol
Concen: 39.73 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.7	29.5
142	70.6	61.8	92.6





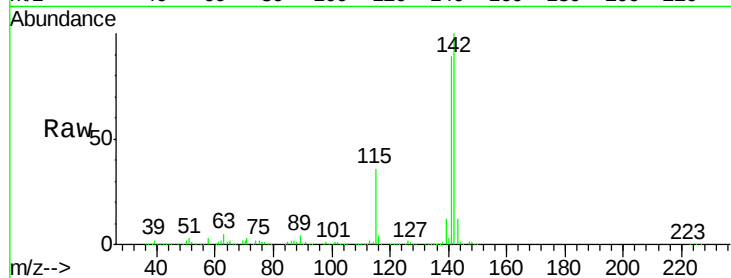
#37
2-Methylnaphthalene
Concen: 40.89 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

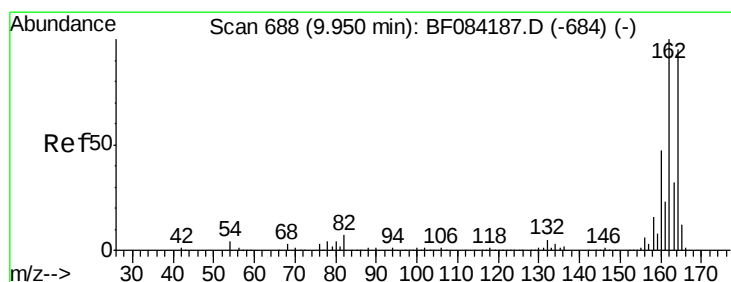
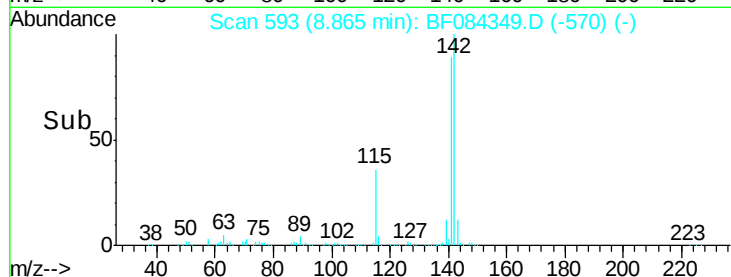
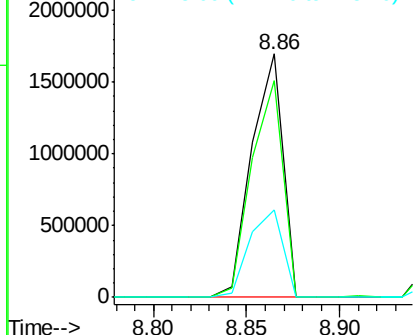
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	36.1	27.9	41.9

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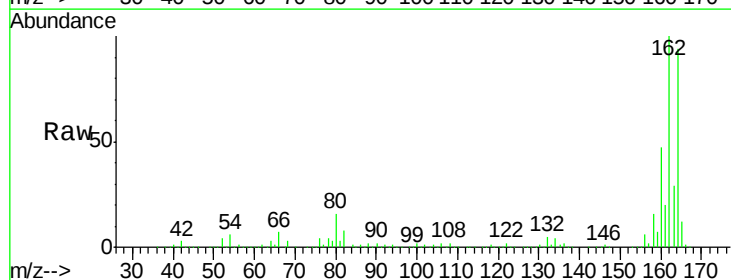


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

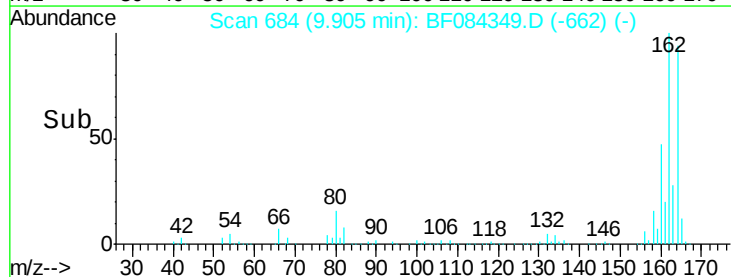
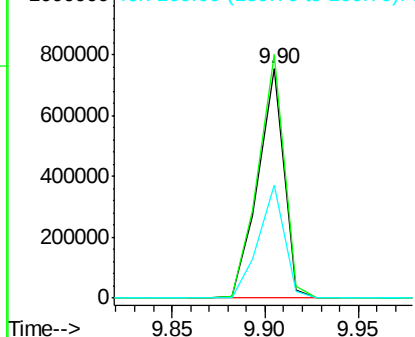


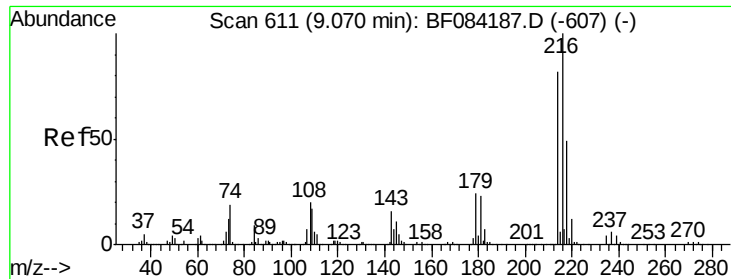
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.1	127.7
160	49.5	37.5	56.3



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





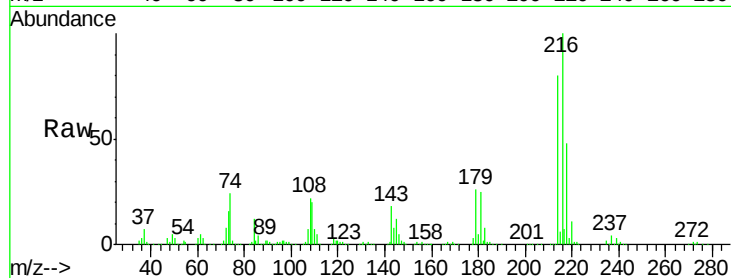
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.83 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

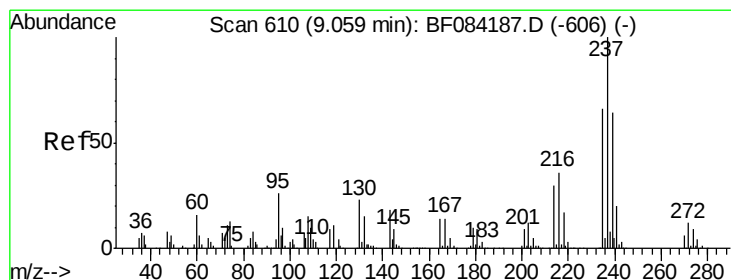
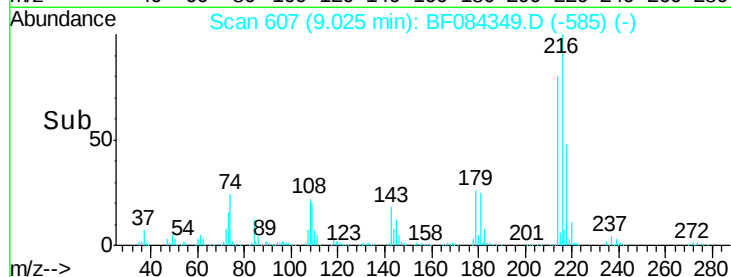
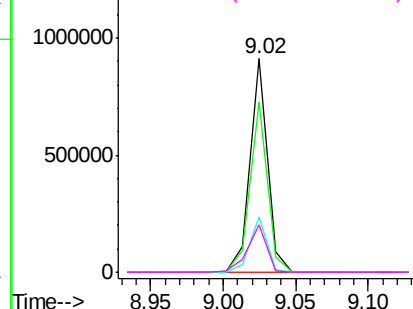
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Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.2	96.2
179	25.3	18.7	28.1
108	24.3	16.8	25.2

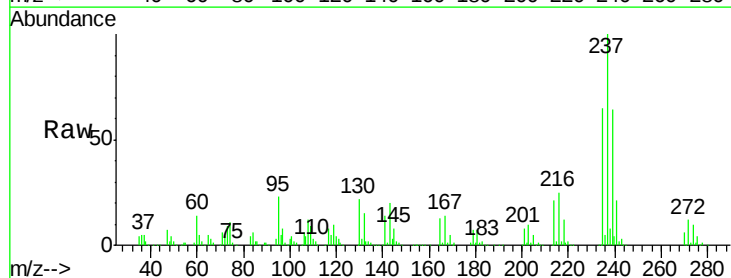


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

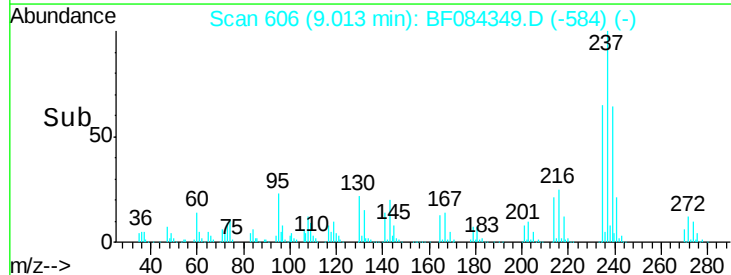
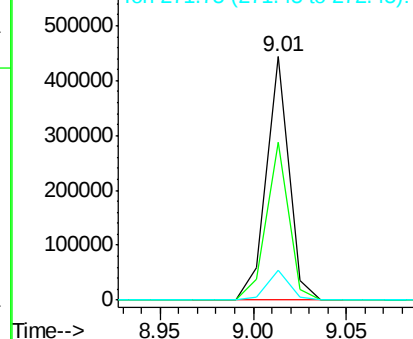


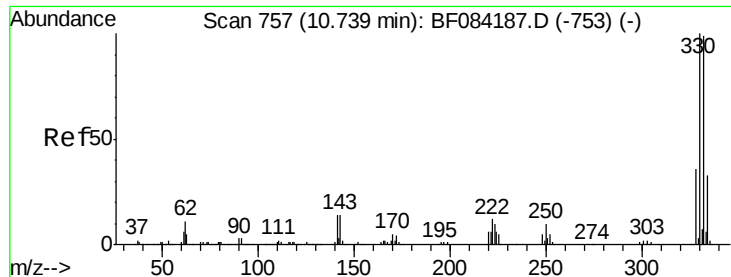
#40
 Hexachlorocyclopentadiene
 Concen: 29.35 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	12.1	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





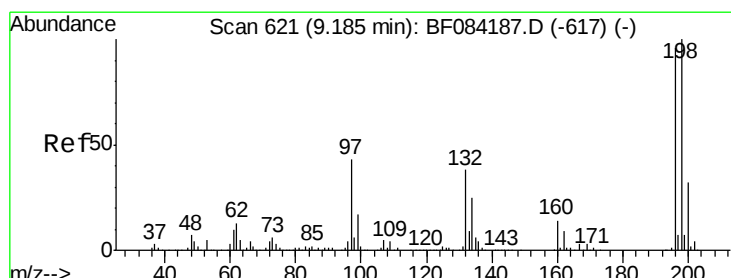
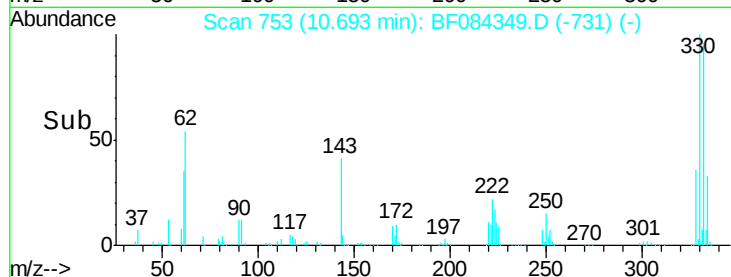
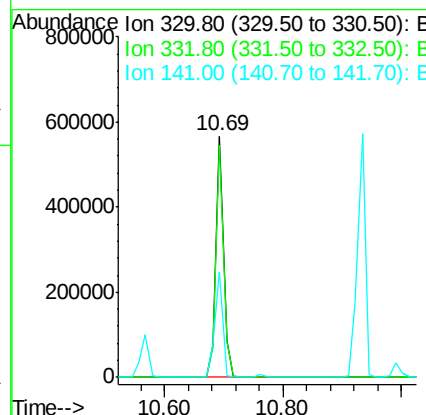
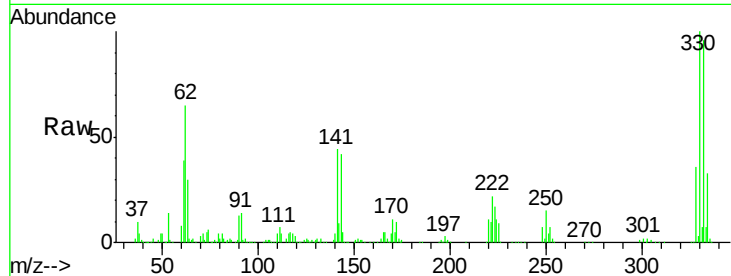
#41
 2,4,6-Tribromophenol
 Concen: 69.45 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	507890		
332	95.6	76.6	114.8	
141	45.2	27.8	41.6#	

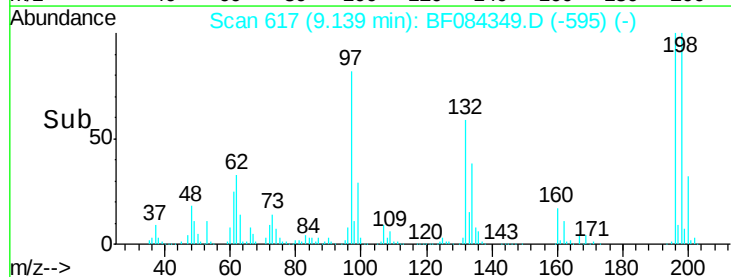
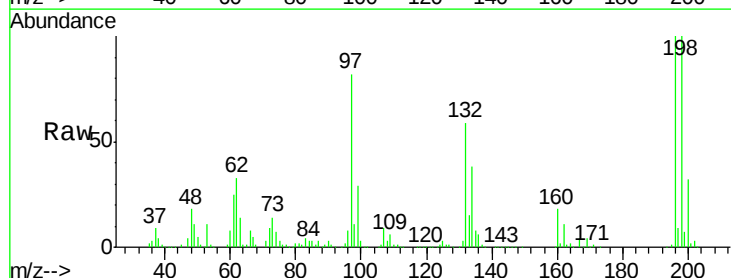
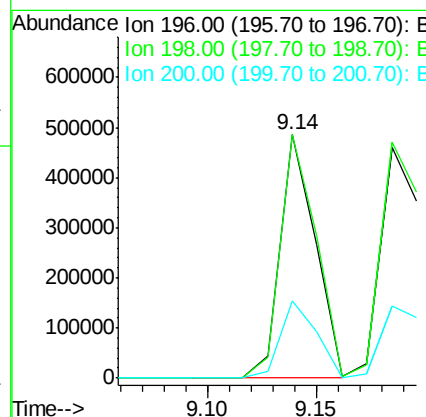
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#42
 2,4,6-Trichlorophenol
 Concen: 35.21 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	548650		
198	99.9	77.7	116.5	
200	31.5	24.6	37.0	





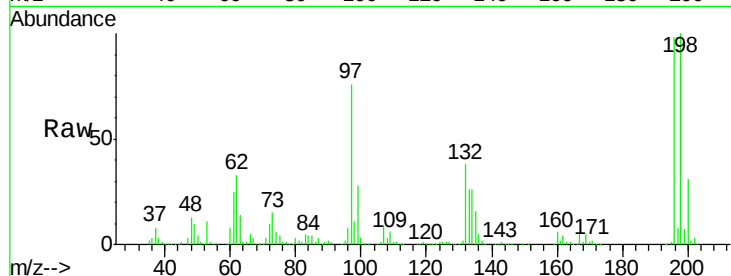
#43
2,4,5-Trichlorophenol
Concen: 39.33 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	587468		
198	102.5	79.0	118.6	
97	77.5	33.0	49.6	
132	38.7	21.1	31.7	

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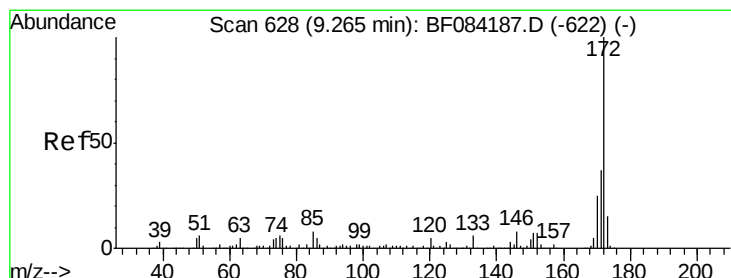
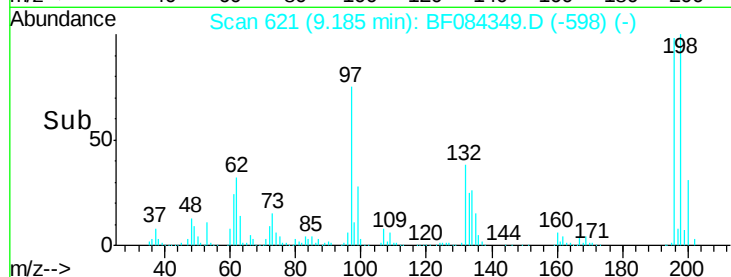
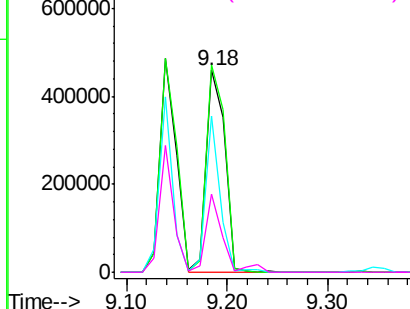
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 81.93 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

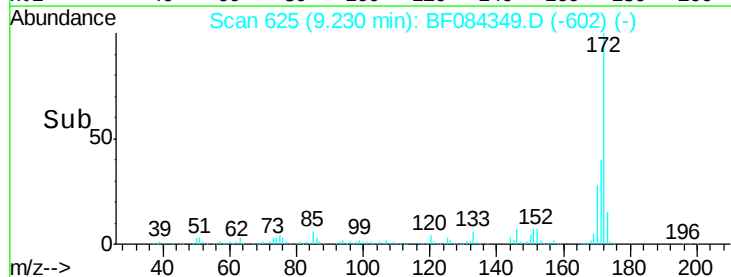
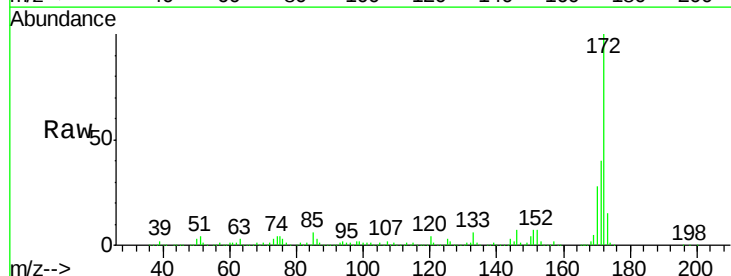
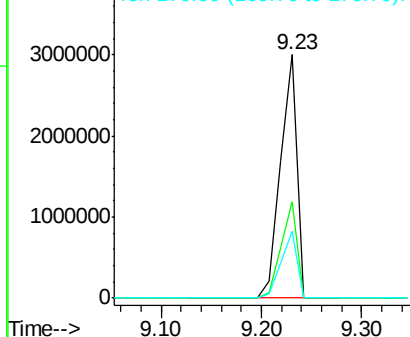
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3382998		
171	39.7	28.9	43.3	
170	27.6	18.6	27.8	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.09 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 2250525

Ion Ratio Lower Upper

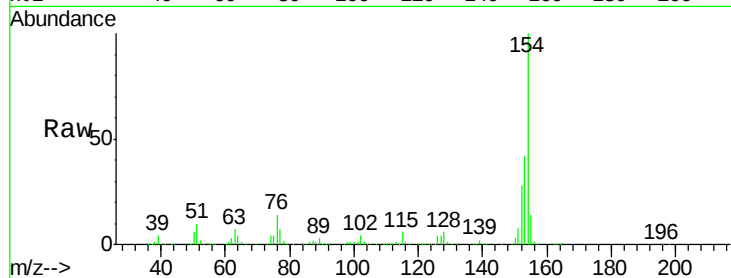
154 100

153 41.5 21.6 61.6

76 14.1 0.0 32.7

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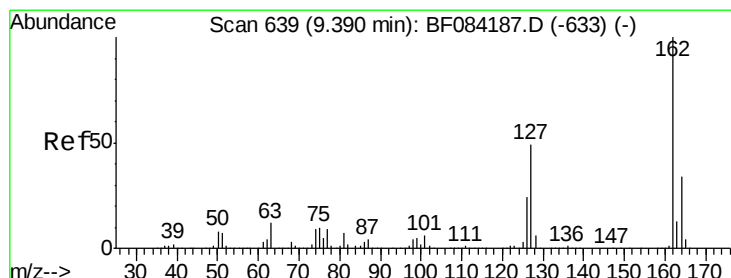
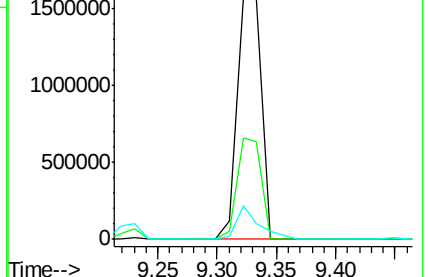
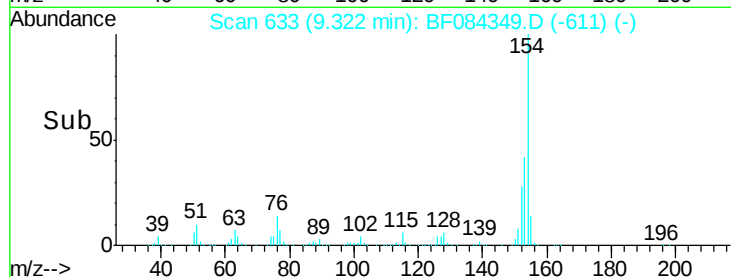
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.71 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

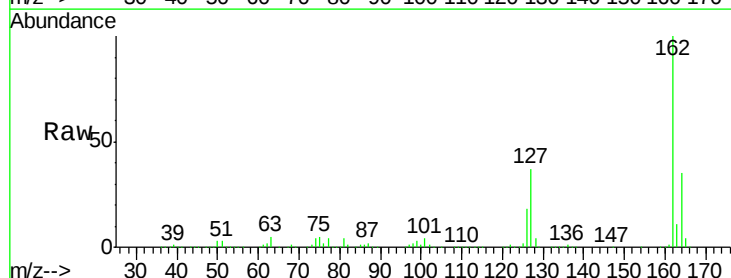
Tgt Ion:162 Resp: 1750697

Ion Ratio Lower Upper

162 100

127 37.0 40.2 60.4#

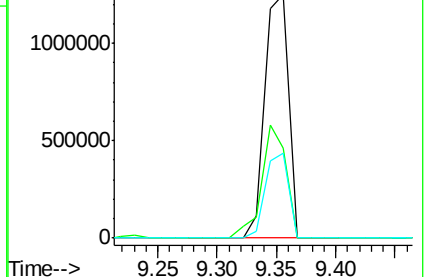
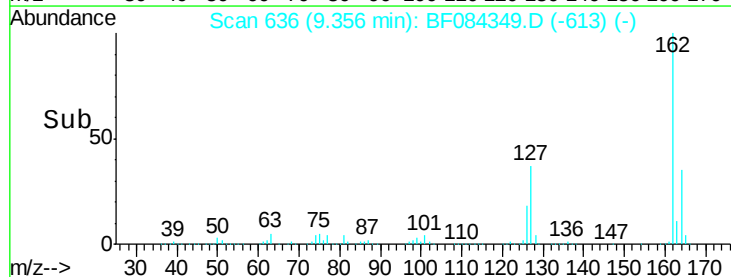
164 34.8 25.7 38.5

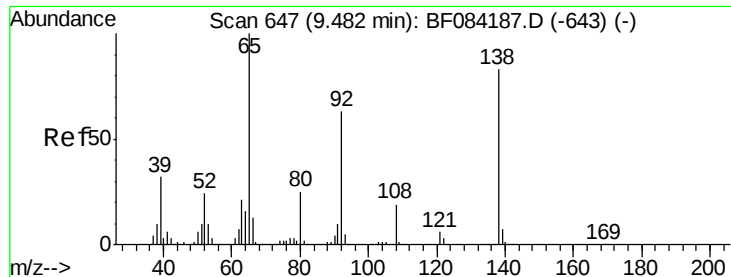


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





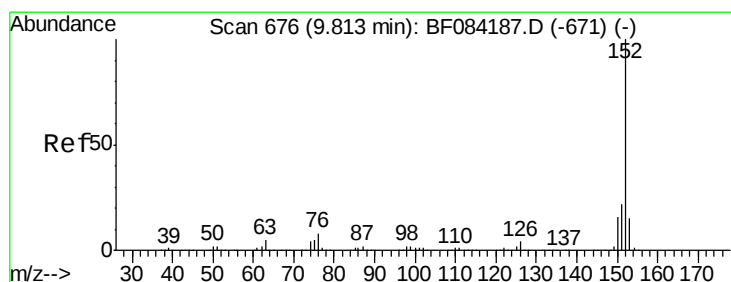
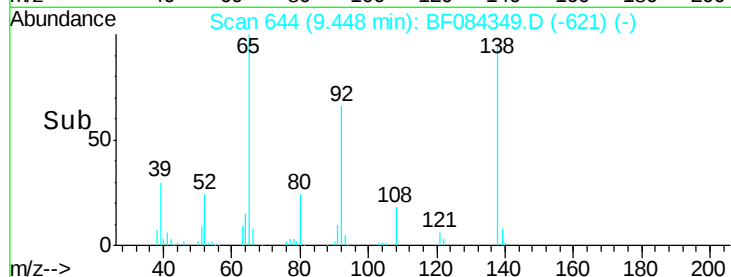
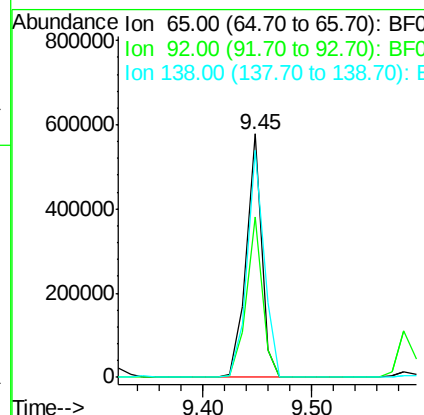
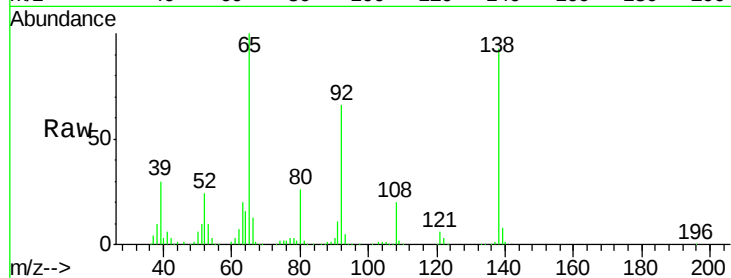
#47
2-Nitroaniline
Concen: 37.83 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.4	80.2
138	93.0	71.1	106.7

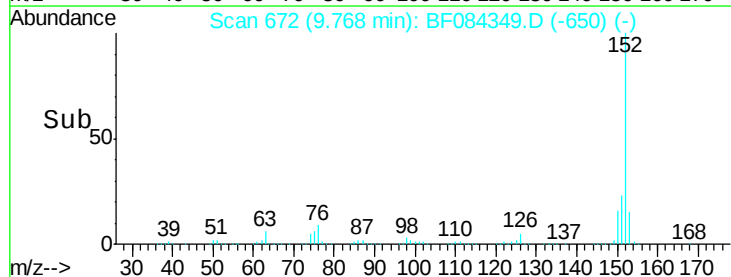
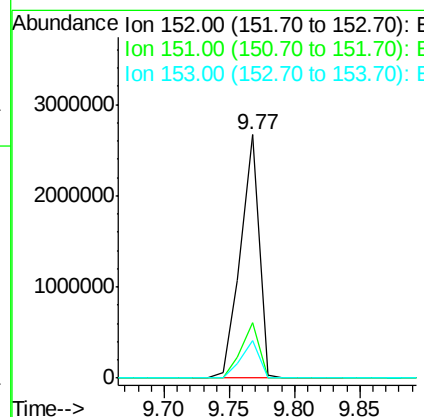
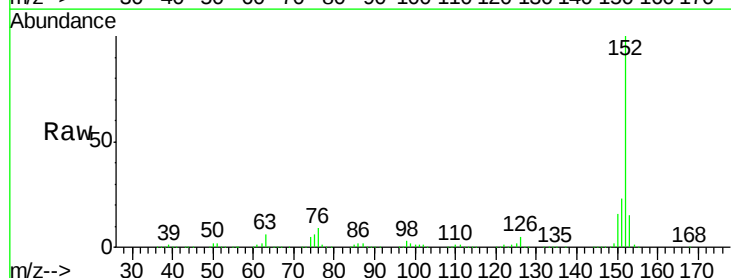
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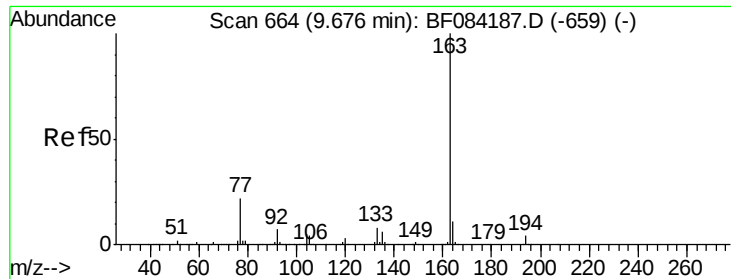
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#48
Acenaphthylene
Concen: 39.45 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.3	24.5
153	15.5	10.4	15.6





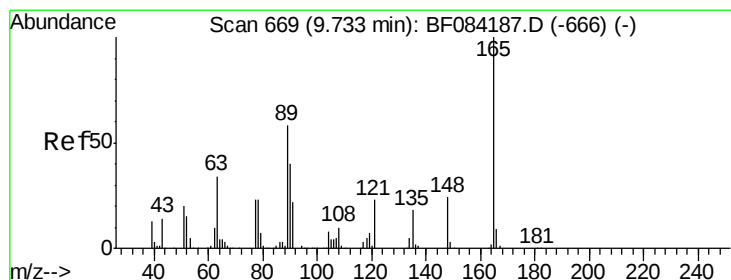
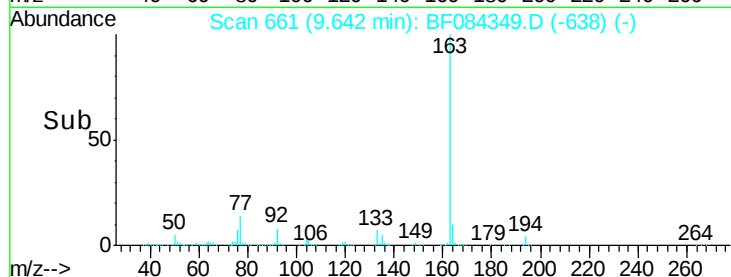
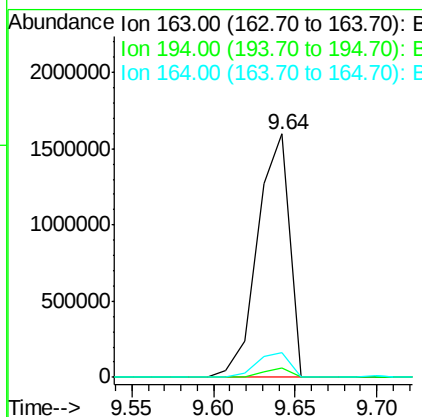
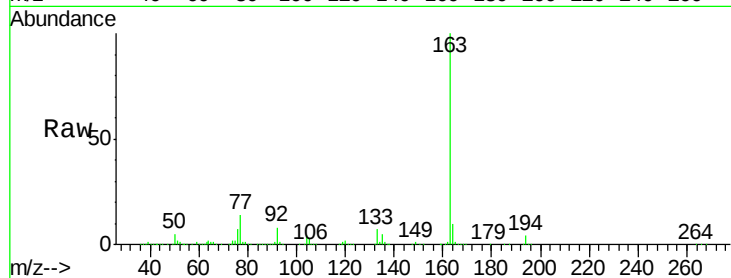
#49
Dimethylphthalate
Concen: 41.76 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 2162744
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 10.4 8.0 12.0

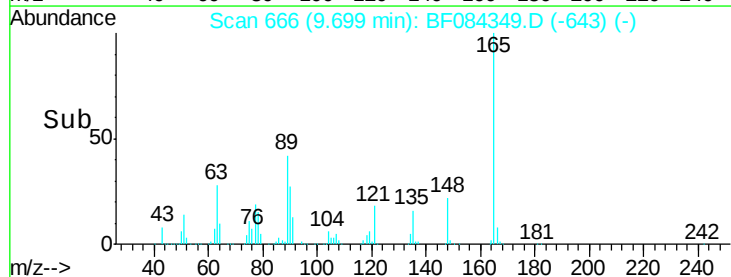
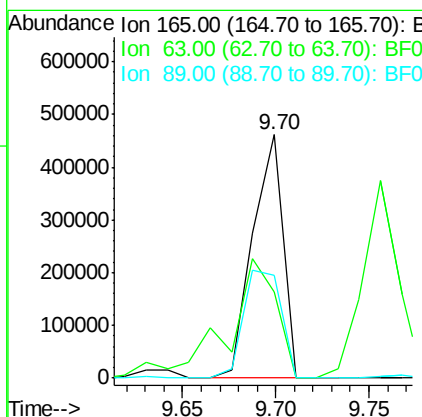
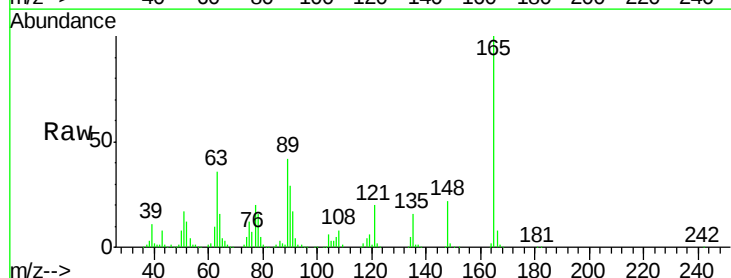
Manual Integrations
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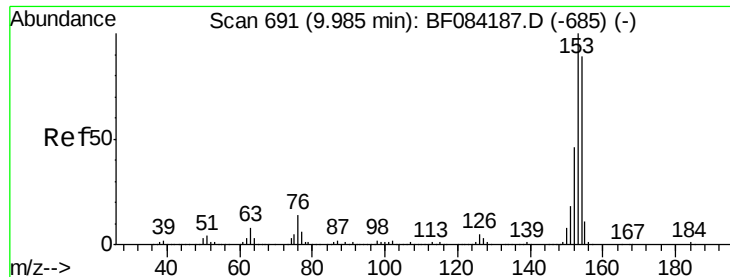
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#50
2,6-Dinitrotoluene
Concen: 45.55 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion:165 Resp: 517332
Ion Ratio Lower Upper
165 100
63 35.6 28.8 43.2
89 42.3 35.1 52.7





#51

Acenaphthene

Concen: 39.59 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1774268

Ion Ratio Lower Upper

154 100

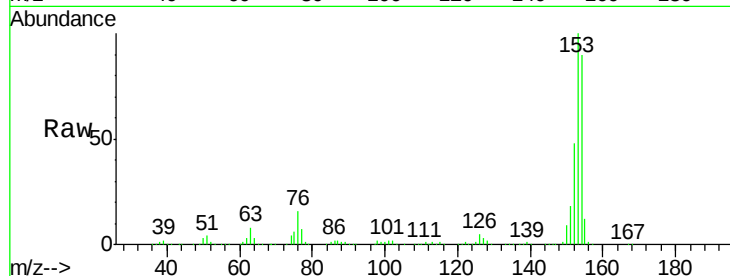
153 110.8 91.5 137.3

152 53.0 43.0 64.6

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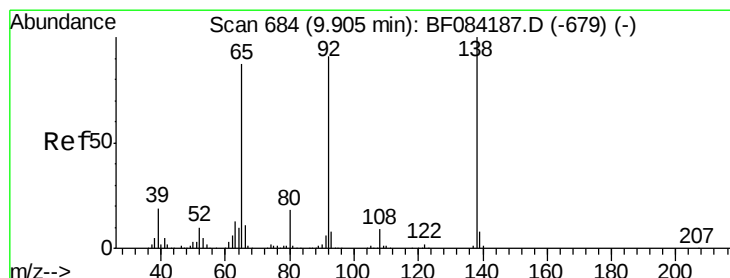
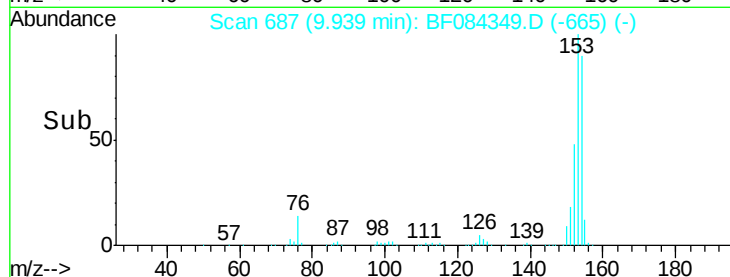
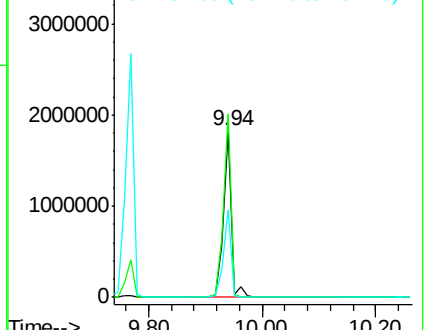
1/10/2016 9:51:50 AM



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: 44.41 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

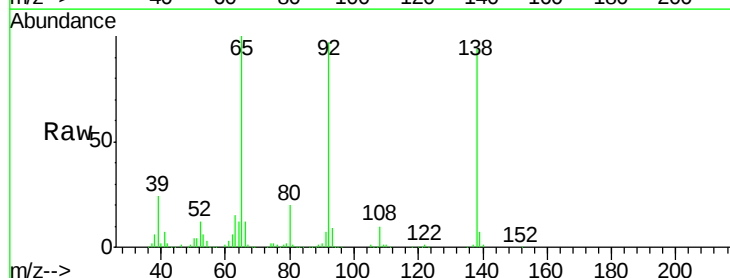
Tgt Ion:138 Resp: 625092

Ion Ratio Lower Upper

138 100

108 10.3 10.5 15.7#

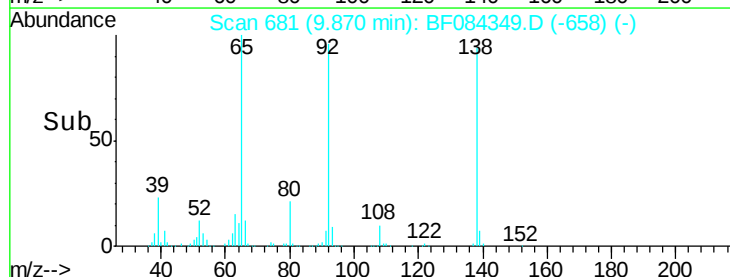
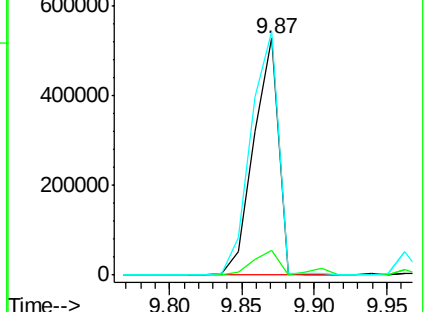
92 102.8 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





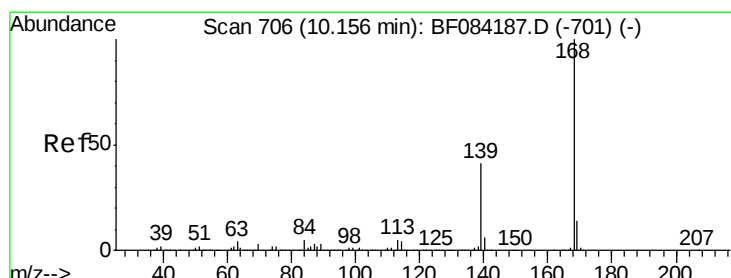
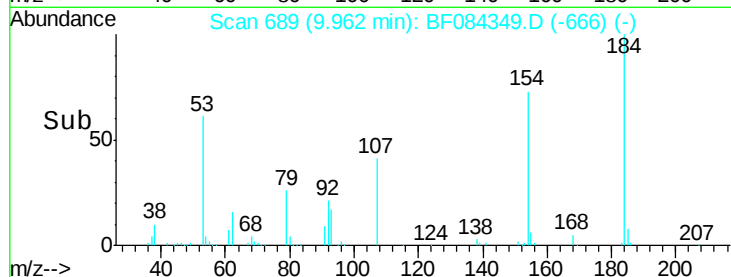
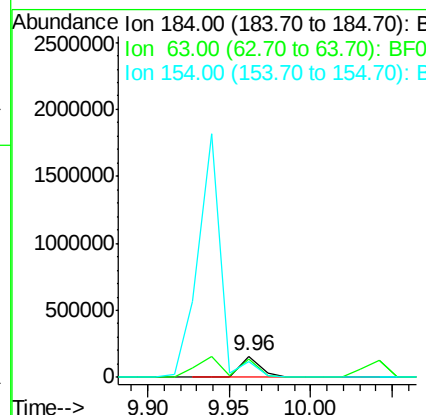
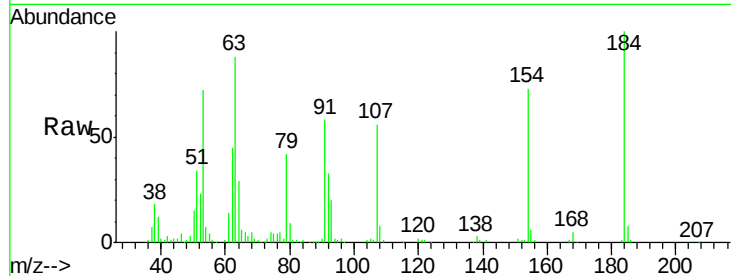
#53
2,4-Dinitrophenol
Concen: 30.93 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	88.0	43.1	64.7#	
154	73.3	60.5	90.7	

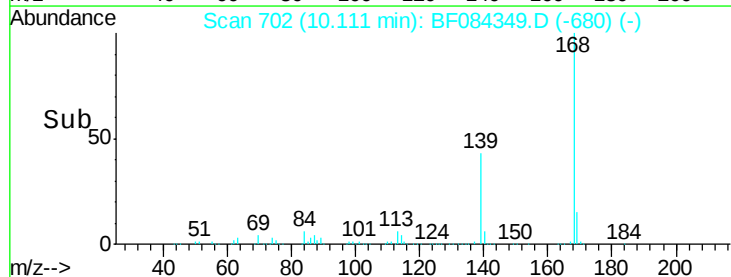
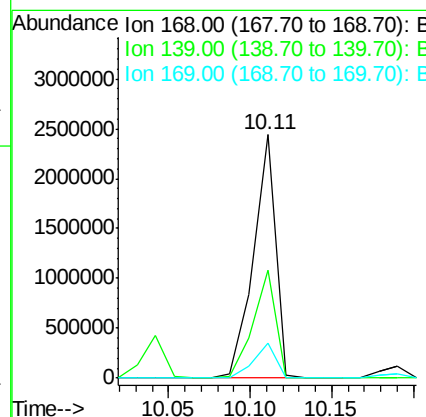
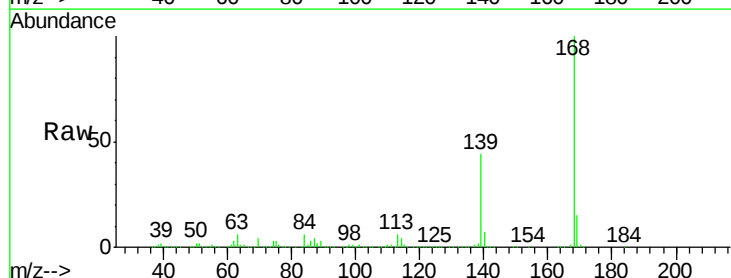
Manual Integrations
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#54
Dibenzofuran
Concen: 39.28 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.5	30.5	45.7	
169	14.5	10.4	15.6	





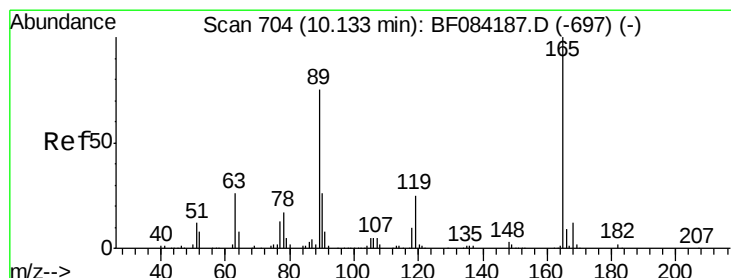
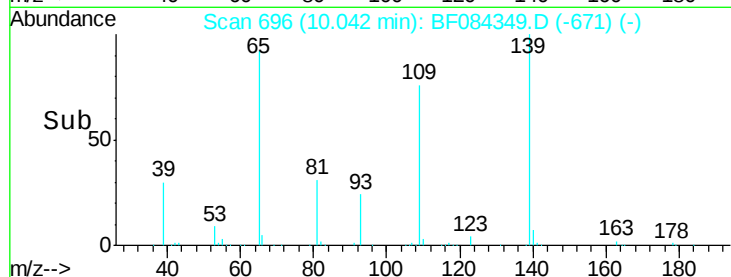
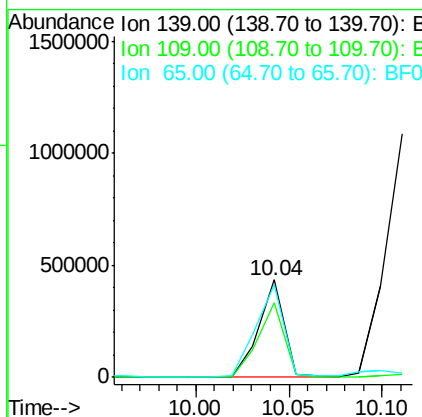
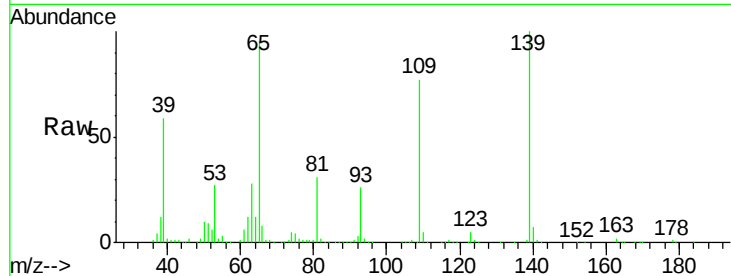
#55
4-Nitrophenol
Concen: 40.12 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.7	58.5	98.5	
65	95.4	57.6	97.6	

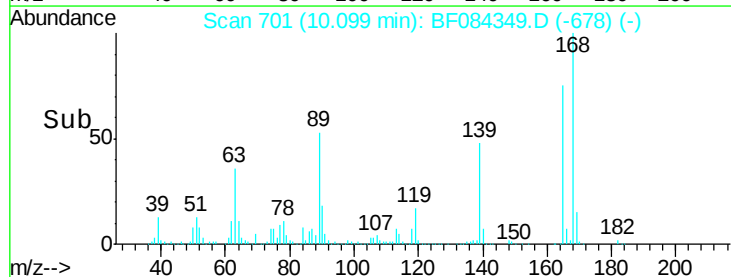
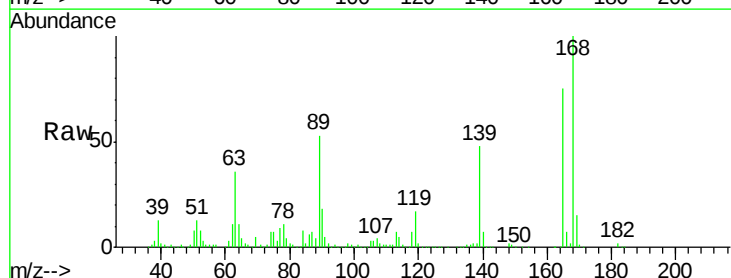
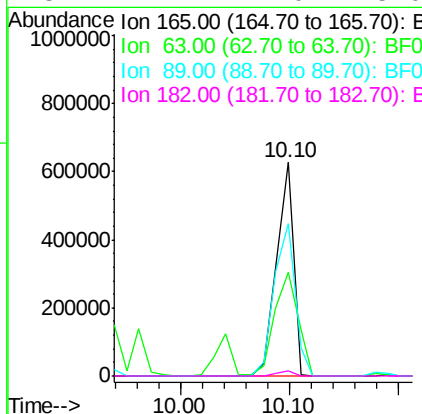
Manual Integrations
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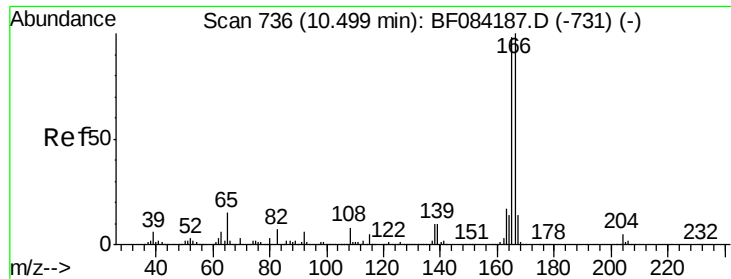
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.92 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.5	36.7	55.1	
89	71.5	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 42.04 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1893834

Ion Ratio Lower Upper

166 100

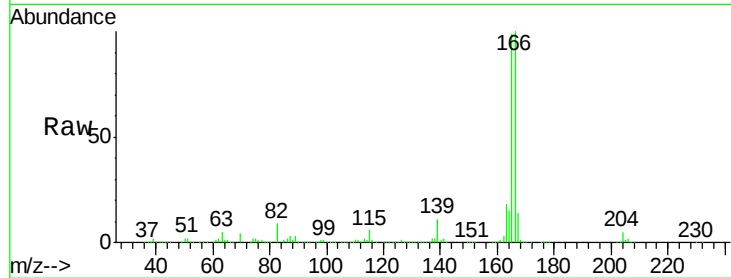
165 98.9 79.1 118.7

167 14.1 10.4 15.6

Manual Integrations
APPROVED

Sohil

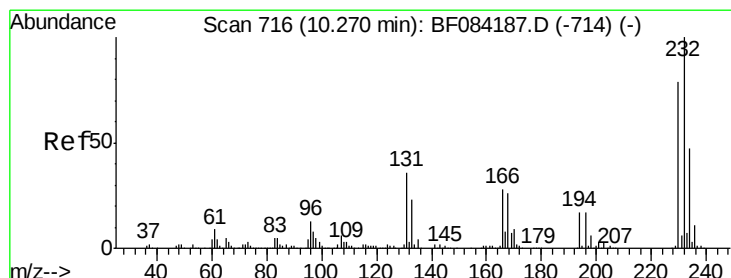
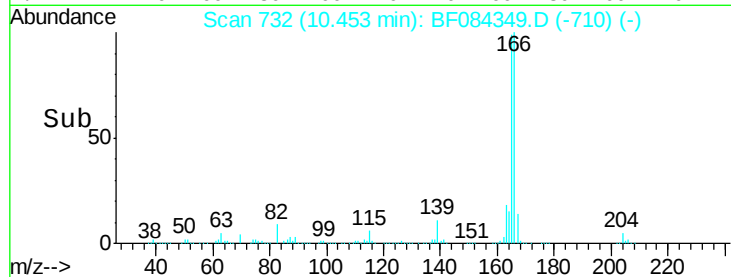
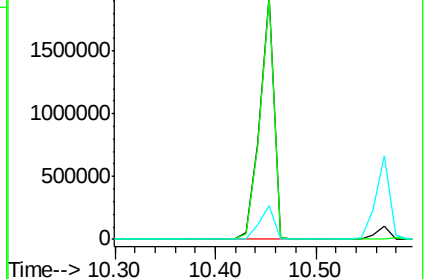
1/10/2016 9:51:50 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.01 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:232 Resp: 484645

Ion Ratio Lower Upper

232 100

131 48.9 47.0 70.6

130 2.4 2.0 3.0

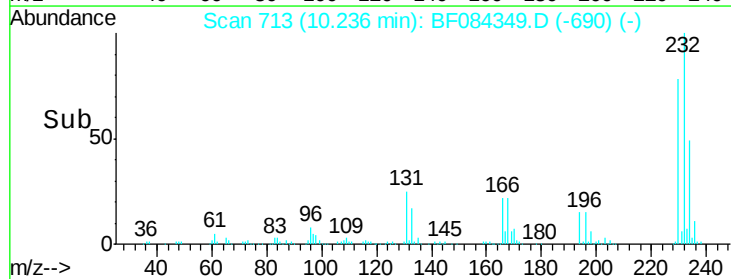
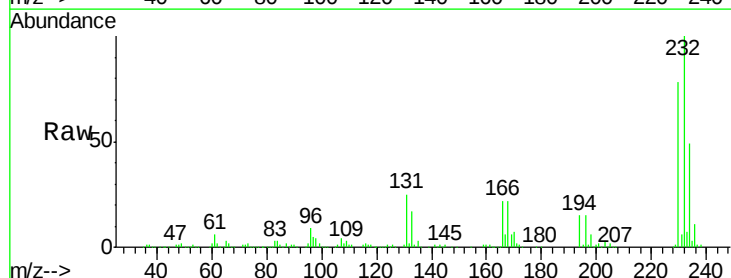
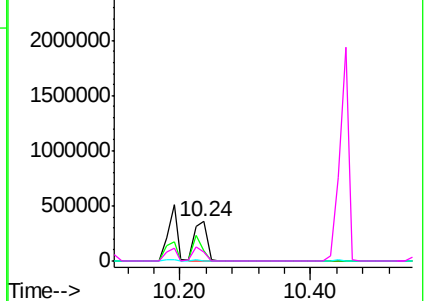
166 31.4 30.5 45.7

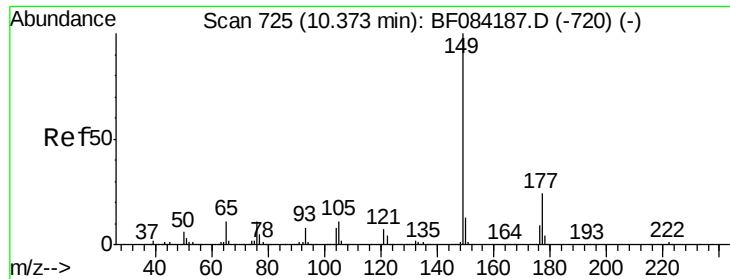
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





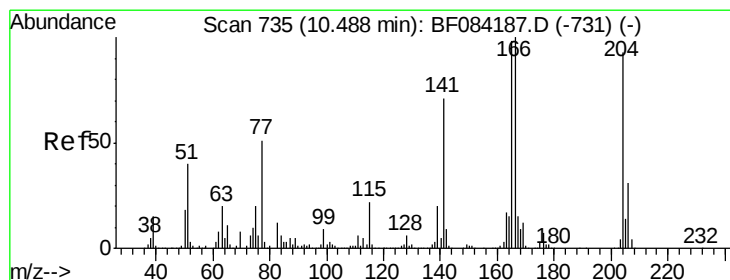
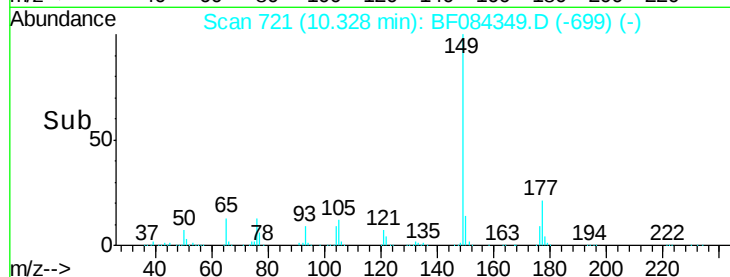
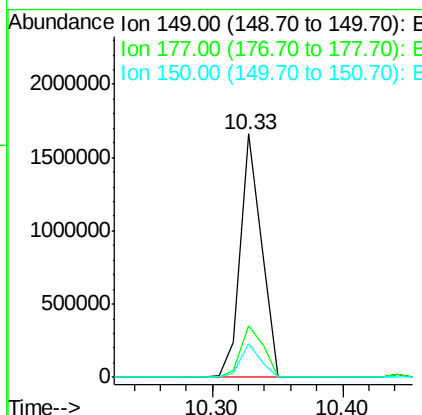
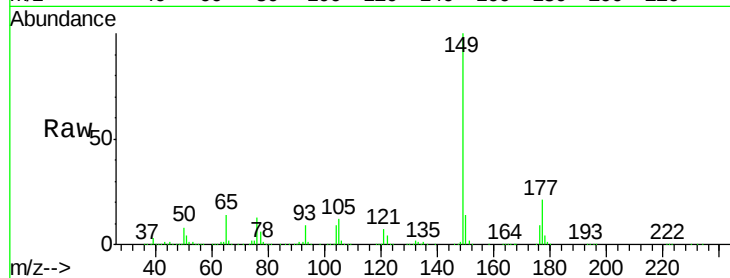
#59
Diethylphthalate
Concen: 36.27 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1851865
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 13.6 9.8 14.8

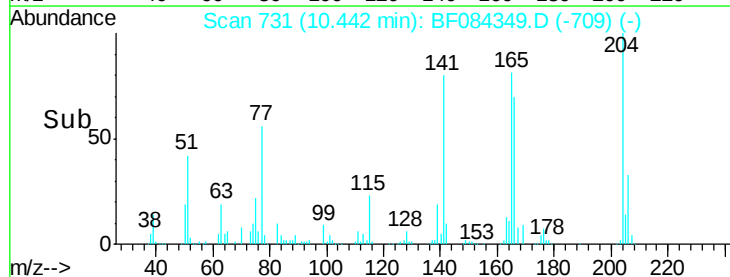
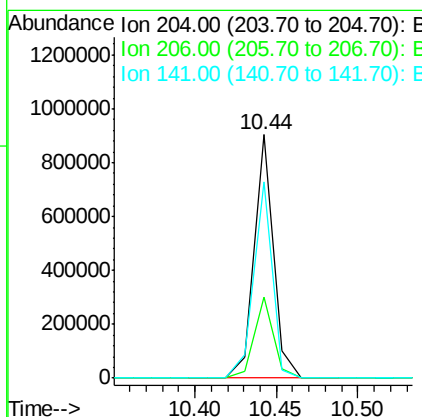
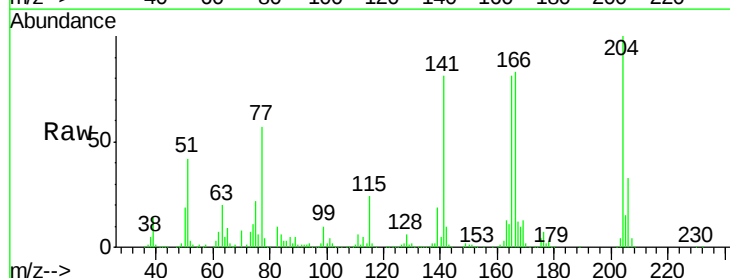
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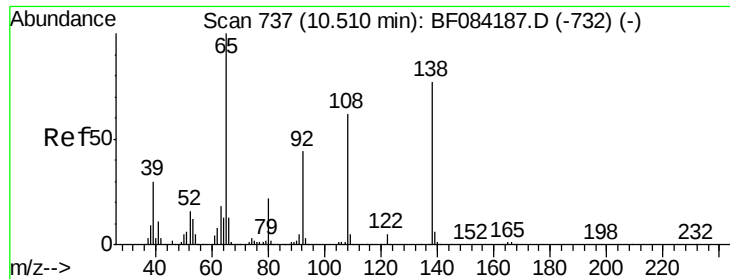
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.03 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion:204 Resp: 743413
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 80.7 55.1 82.7





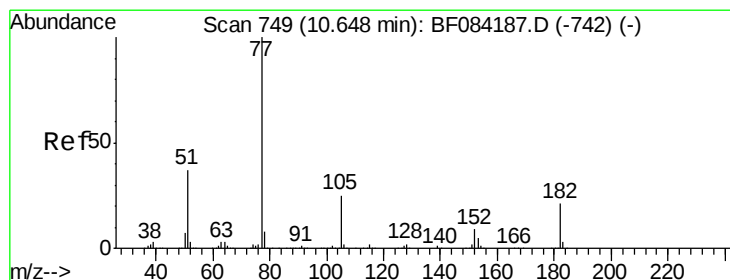
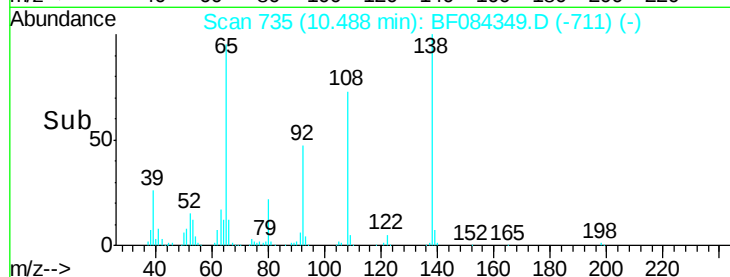
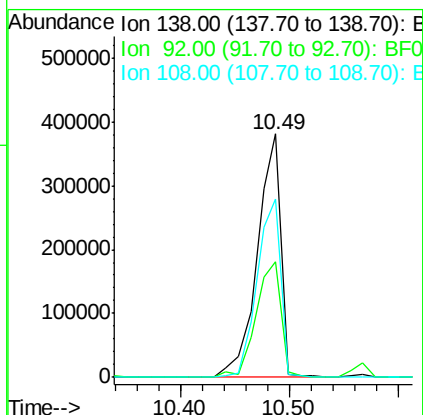
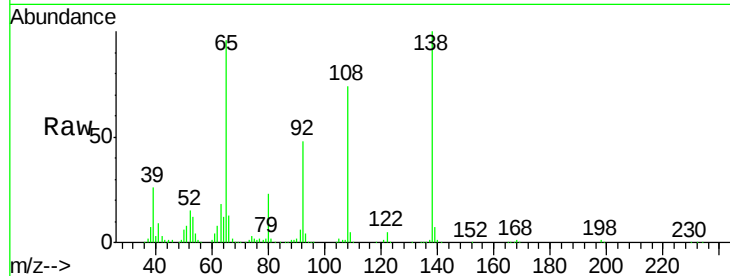
#61
4-Nitroaniline
Concen: 45.79 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	32.6	72.6
108	73.5	68.6	108.6

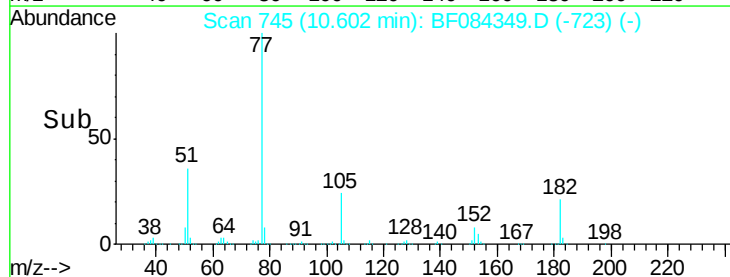
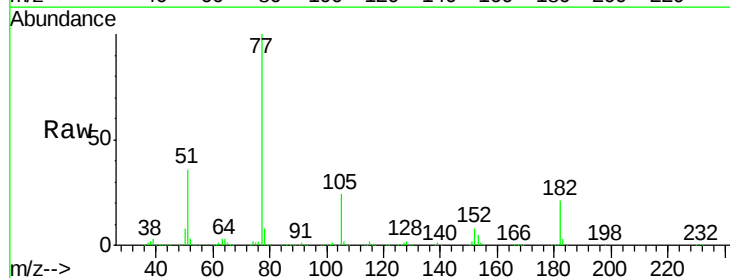
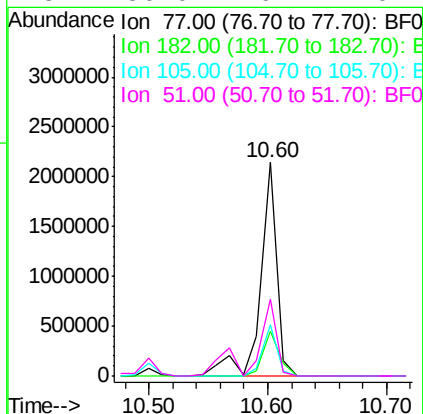
Manual Integrations
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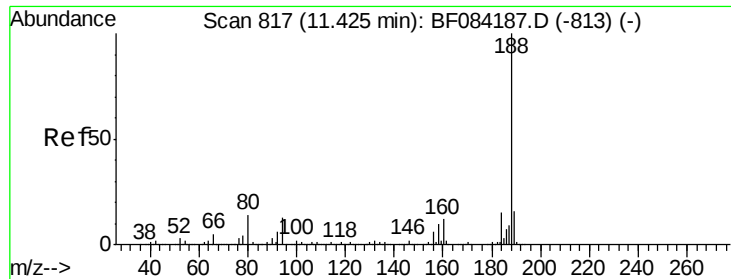
Sohil
1/10/2016 9:51:50 AM



#62
Azobenzene
Concen: 37.01 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	8.3	48.3
105	23.9	4.6	44.6
51	36.0	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC

Tot Ion:188 Resp: 1333736

Ion Ratio Lower Upper

188 100

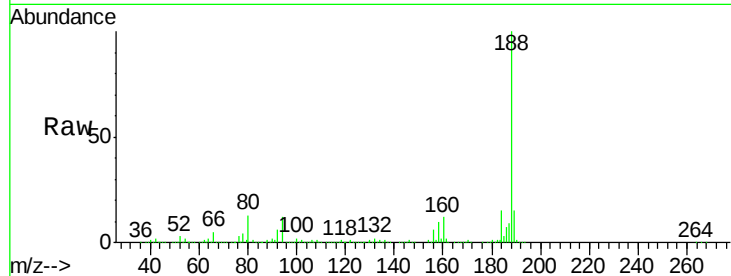
94 11.6 9.0 13.4

80 12.7 9.6 14.4

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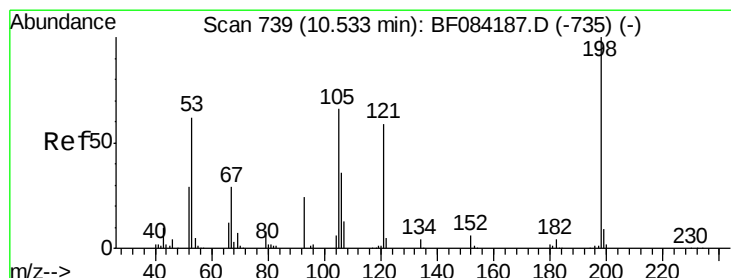
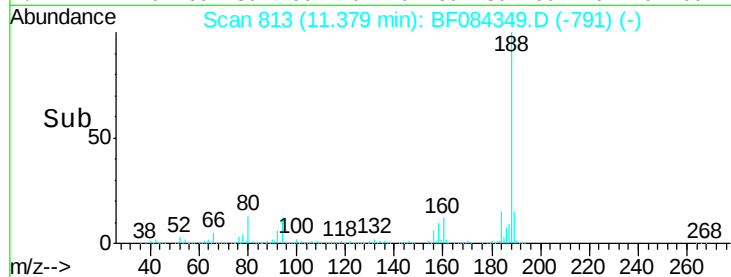
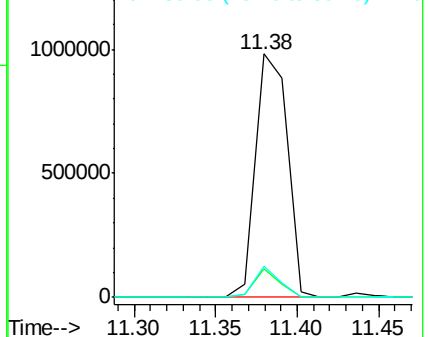
1/10/2016 9:51:50 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.05 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

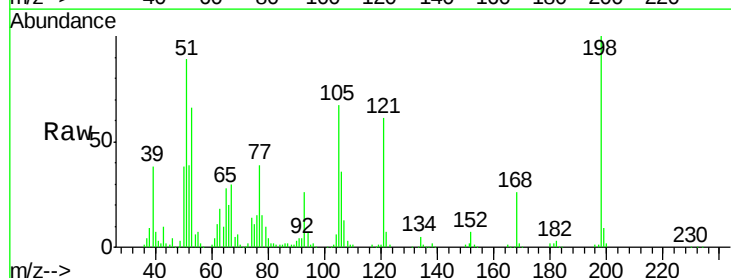
Tgt Ion:198 Resp: 249485

Ion Ratio Lower Upper

198 100

51 89.4 18.9 58.9#

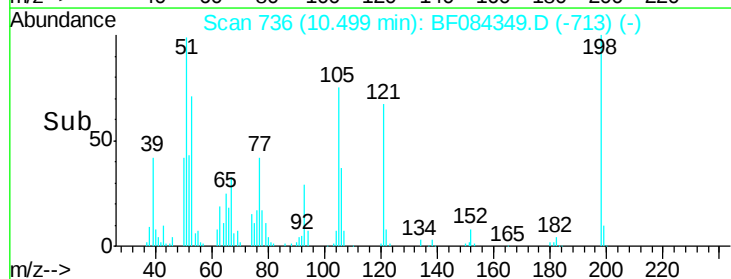
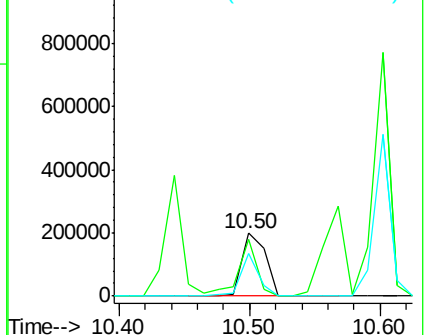
105 67.1 26.4 66.4#

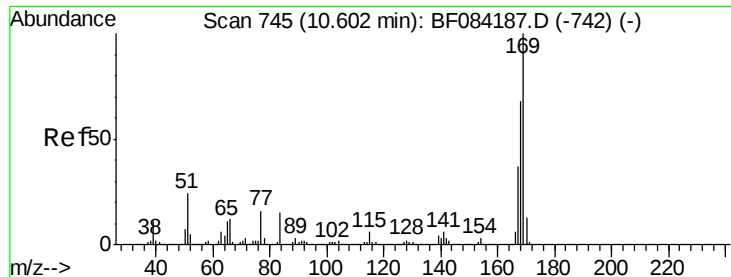


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.14 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1626612

Ion Ratio Lower Upper

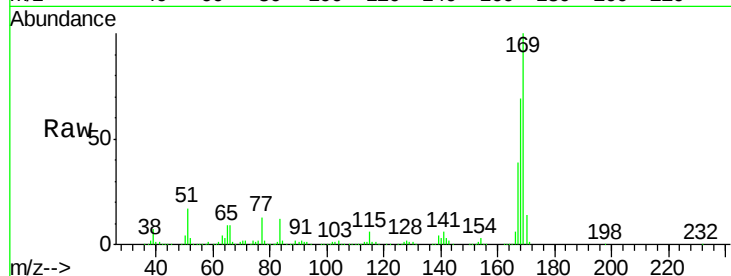
169 100

168 69.3 55.1 82.7

167 39.5 30.0 45.0

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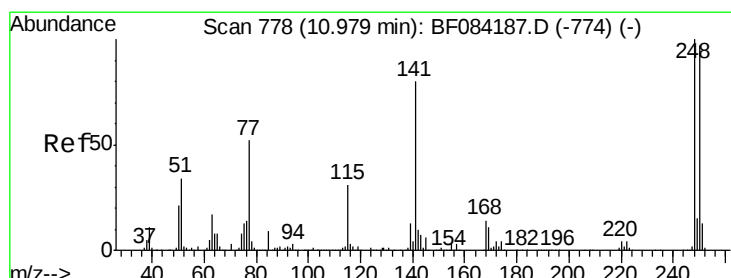
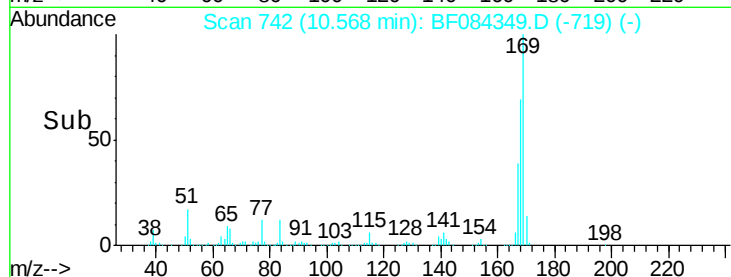
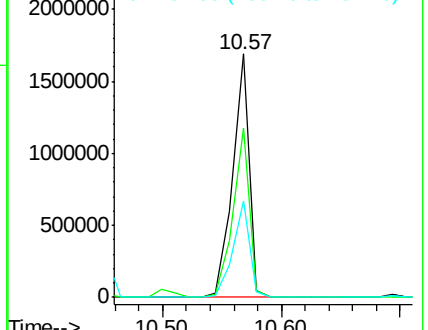
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.33 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

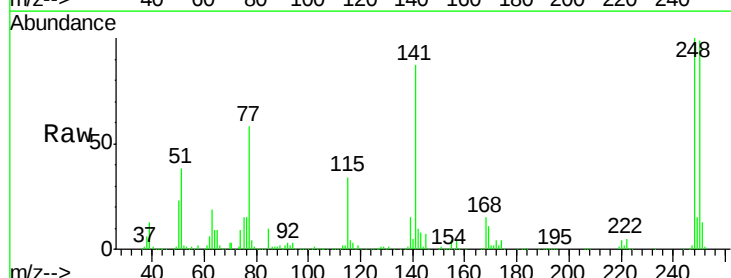
Tgt Ion:248 Resp: 550236

Ion Ratio Lower Upper

248 100

250 98.7 78.4 117.6

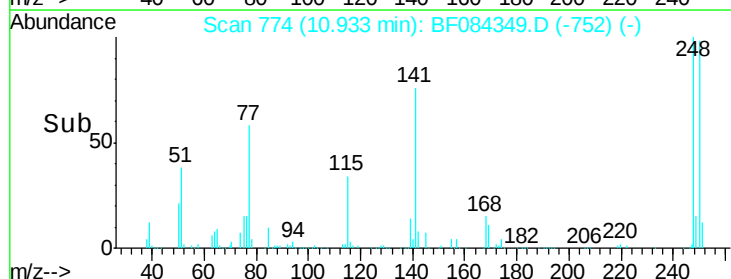
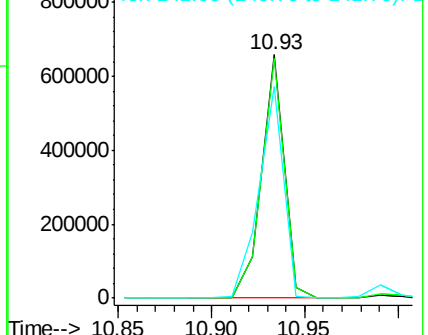
141 86.8 44.0 66.0#

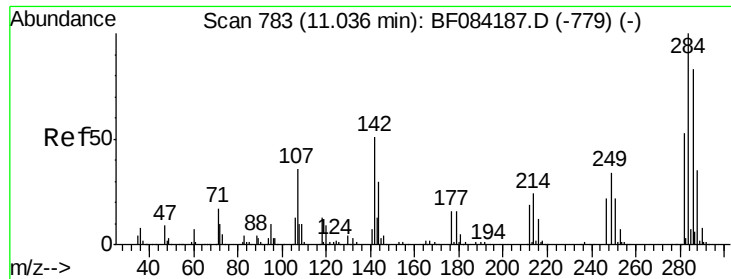


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





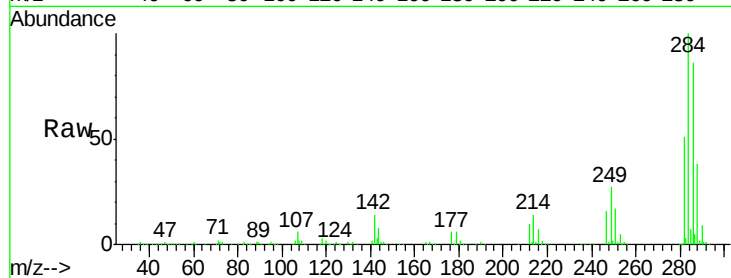
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

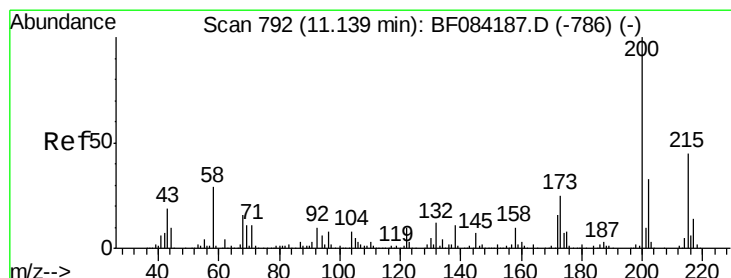
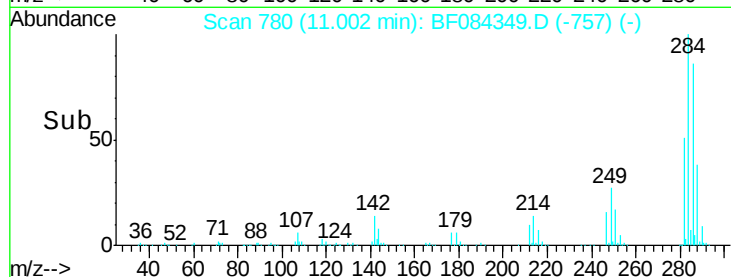
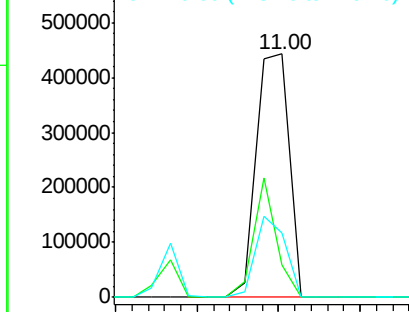
Tot Ion	Ratio	Resp	Lower	Upper
284	100	620449		
142	13.5	22.2	33.4#	
249	26.5	24.6	37.0	

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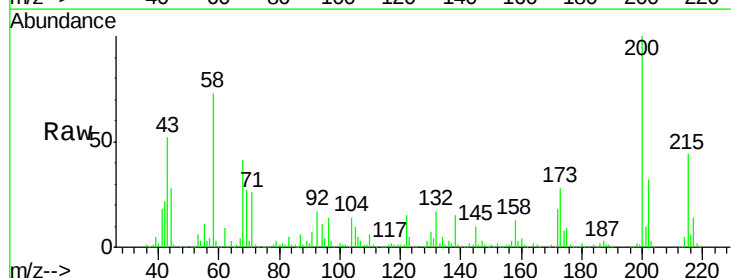


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

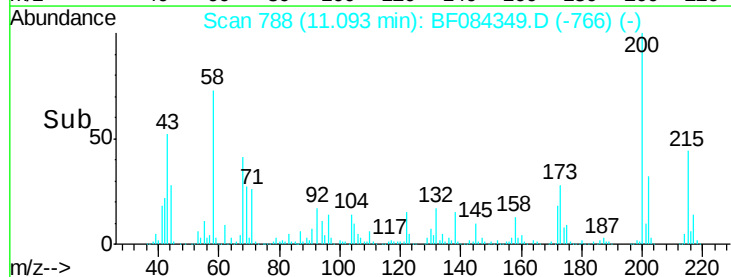
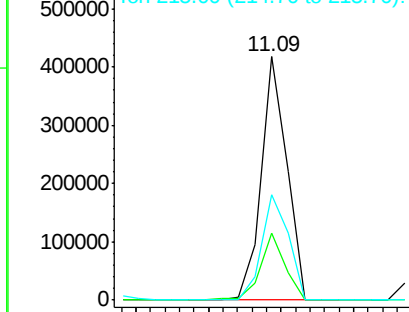


#68
Atrazine
Concen: 36.38 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084349.D
Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	507716		
173	27.7	9.5	49.5	
215	43.5	23.8	63.8	



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





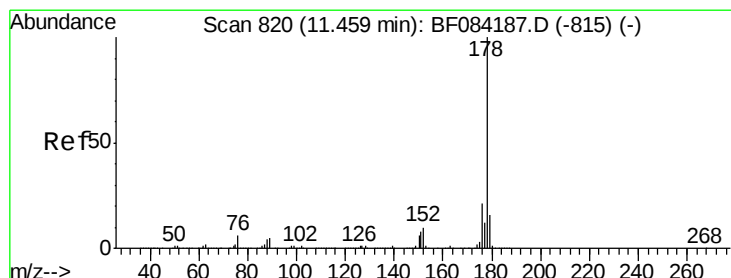
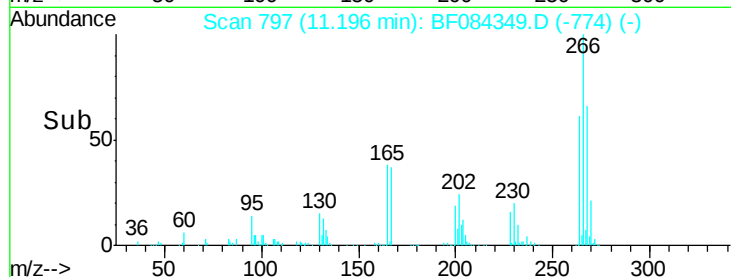
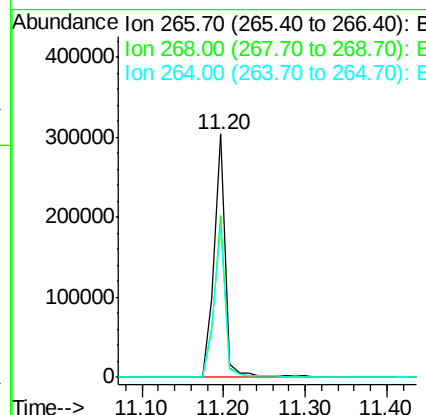
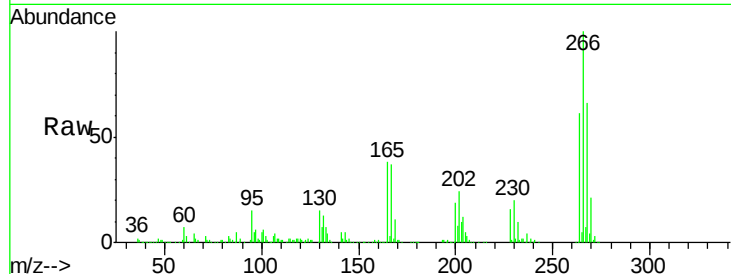
#69
 Pentachlorophenol
 Concen: 36.43 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	52.4	78.6
264	61.4	50.2	75.2

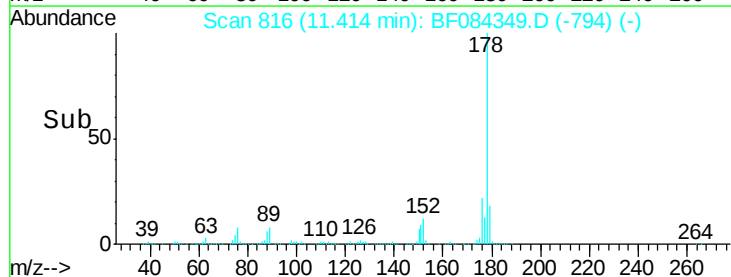
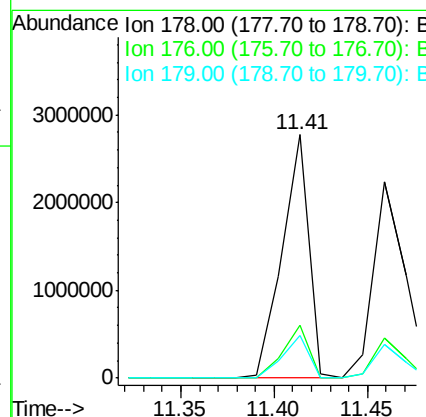
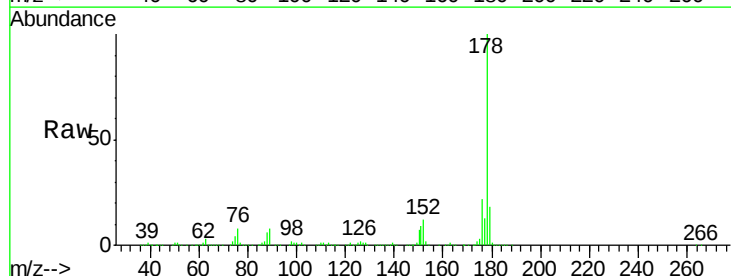
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#70
 Phenanthrene
 Concen: 39.51 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.3	22.9
179	17.6	12.0	18.0





#71
 Anthracene
 Concen: 37.21 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

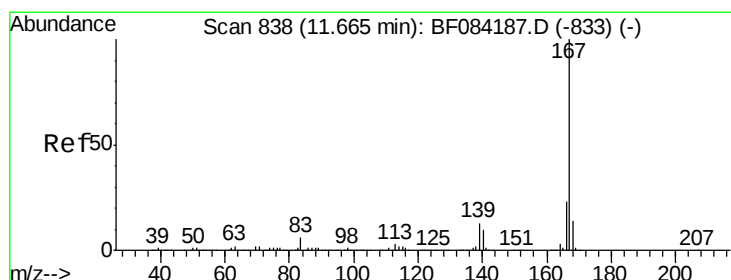
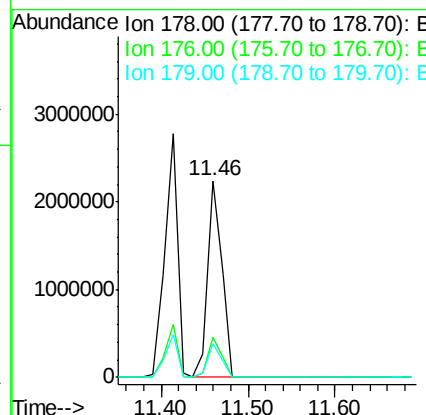
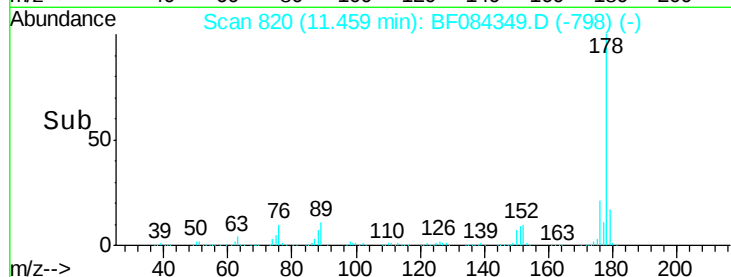
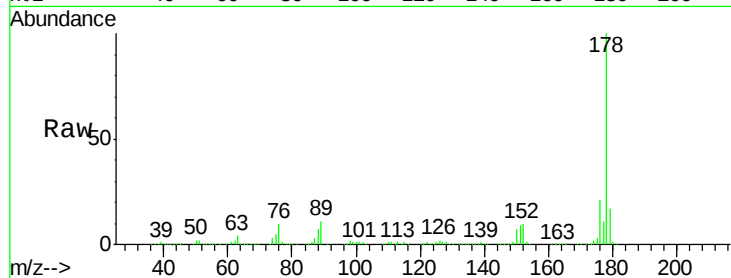
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 2544836

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.0
179	17.0	12.5	18.7

Manual Integrations
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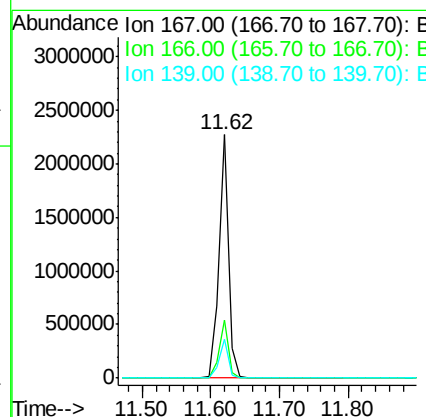
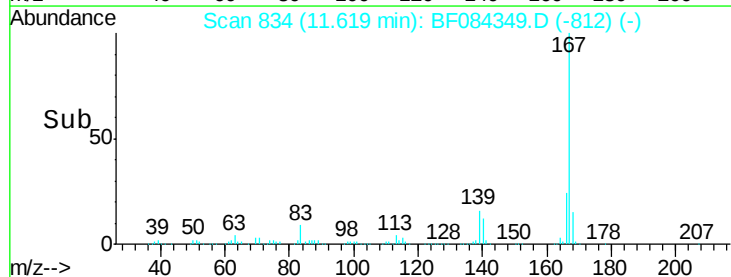
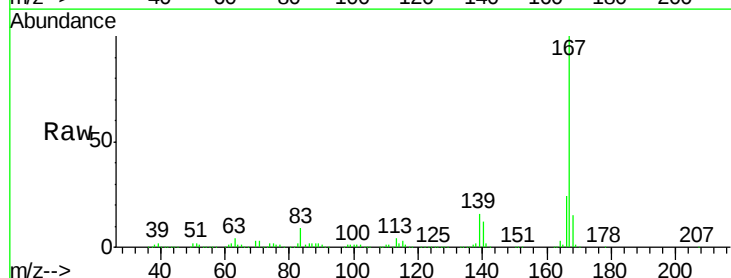
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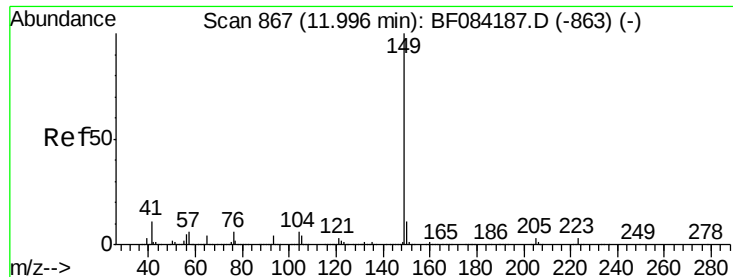


#72
 Carbazole
 Concen: 33.67 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion:167 Resp: 2251039

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	15.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 35.54 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2673335

Ion Ratio Lower Upper

149 100

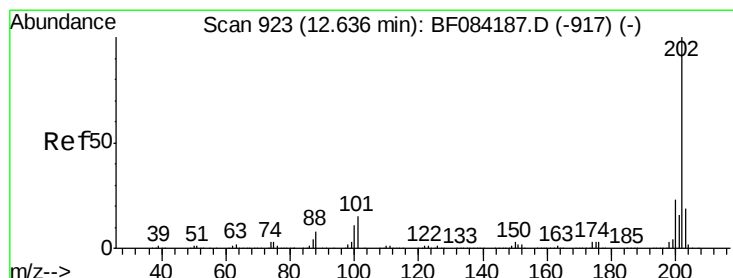
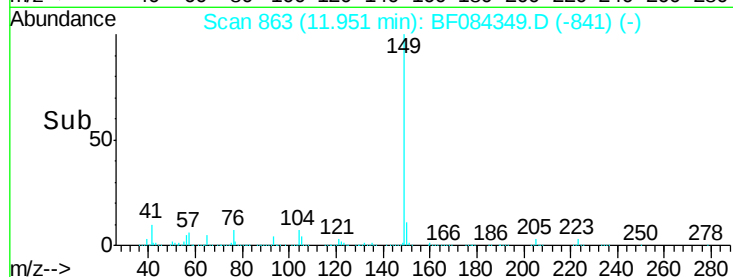
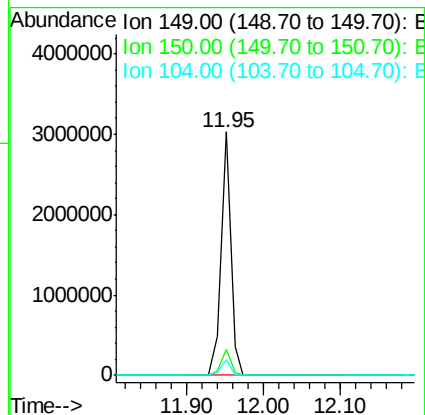
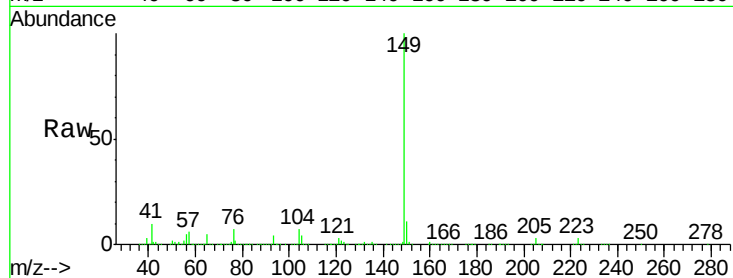
150 10.8 7.1 10.7#

104 6.7 3.2 4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 39.88 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

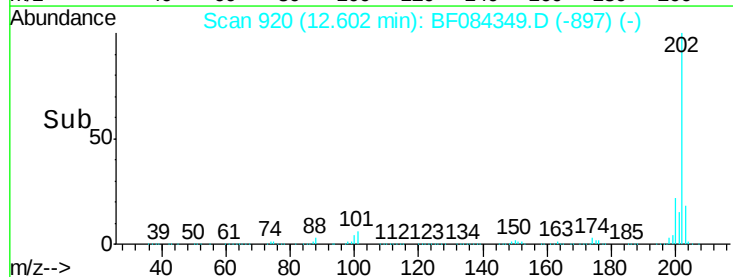
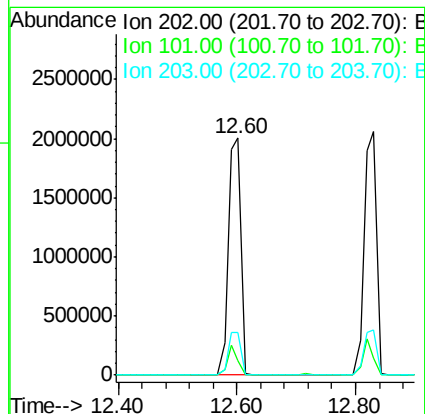
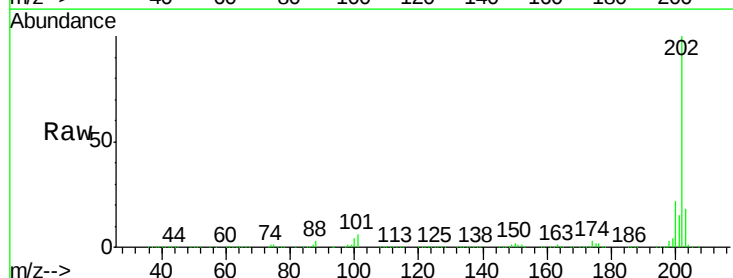
Tgt Ion:202 Resp: 2906196

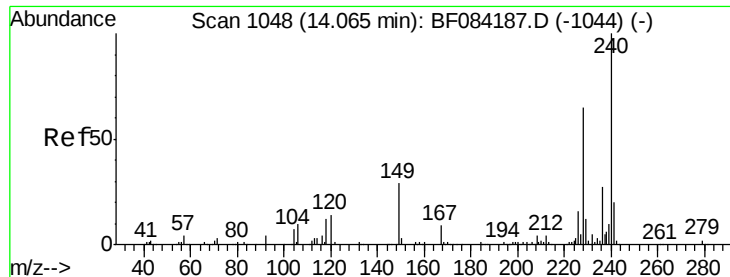
Ion Ratio Lower Upper

202 100

101 5.9 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

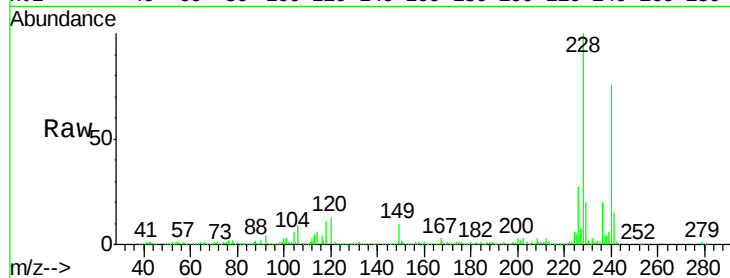
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	26.6	20.6	31.0

Manual Integrations
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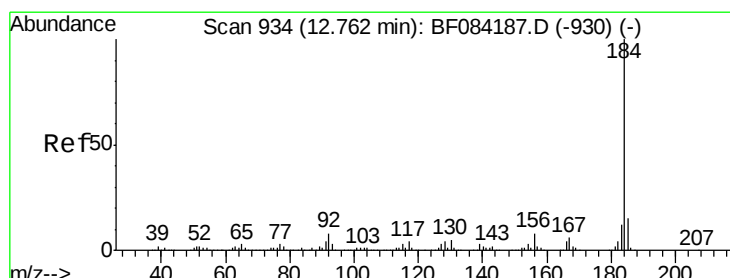
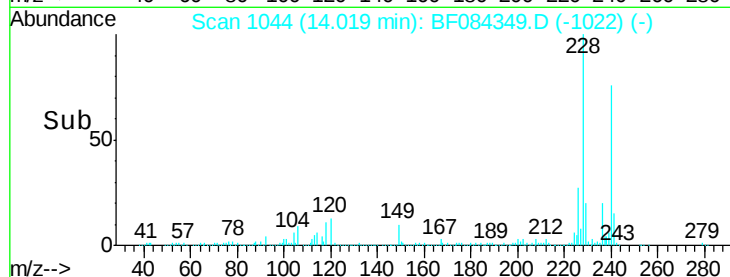
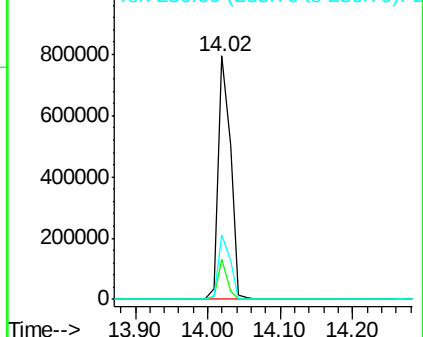
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.94 ng

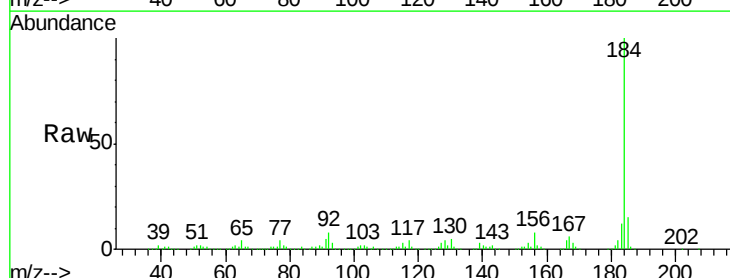
RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

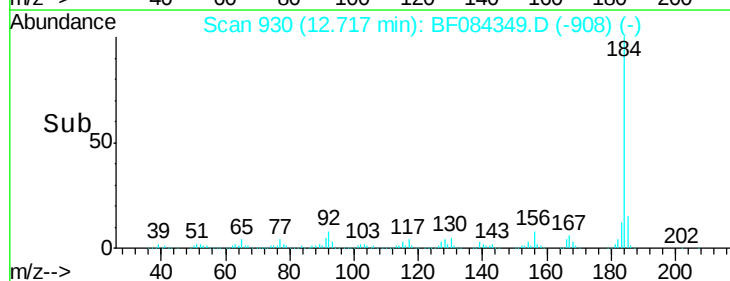
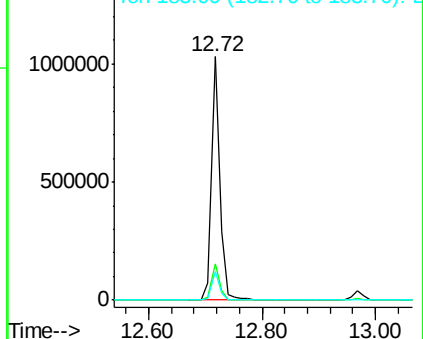
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	11.7	9.8	14.8

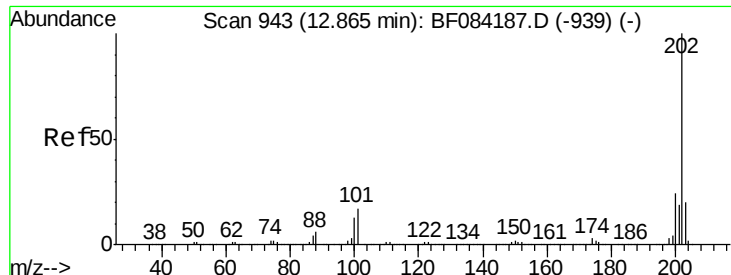


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.94 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 2935819

Ion Ratio Lower Upper

202 100

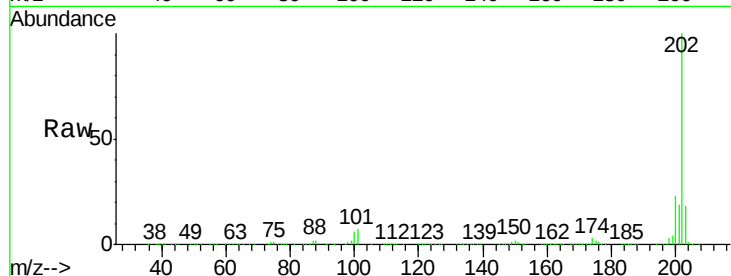
200 23.1 17.2 25.8

203 18.5 14.3 21.5

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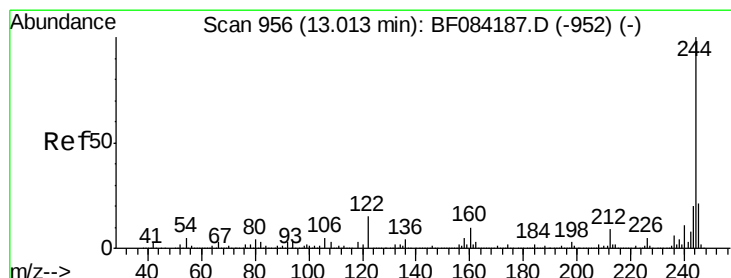
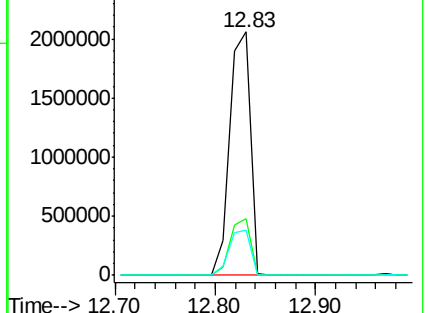
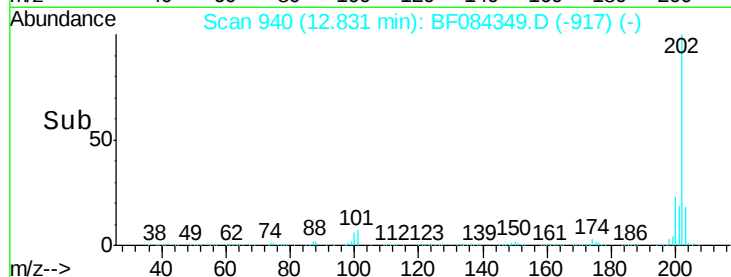
1/10/2016 9:51:50 AM



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: 76.36 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

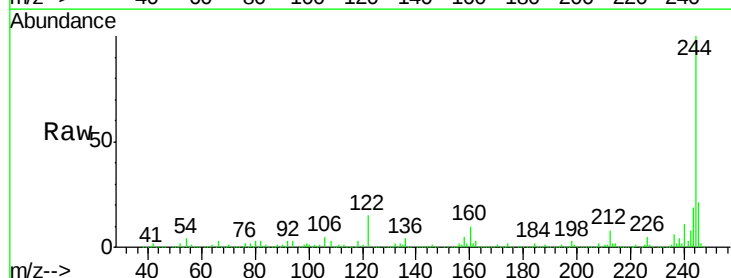
Tgt Ion:244 Resp: 3204110

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

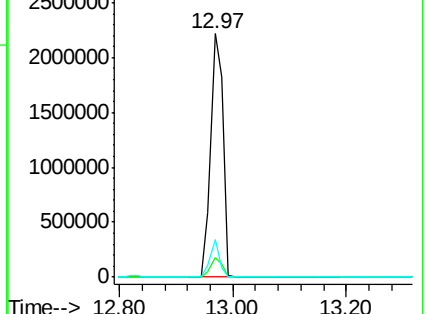
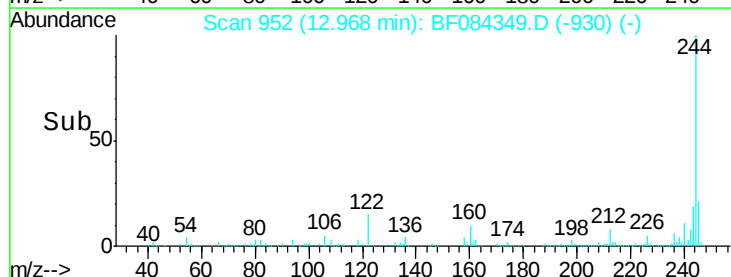
122 15.3 7.4 11.0#

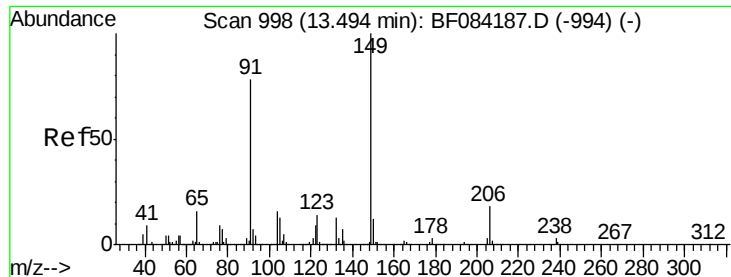


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.97 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1303249

Ion Ratio Lower Upper

149 100

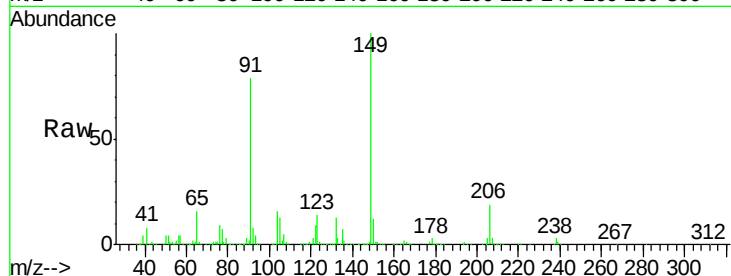
91 79.1 57.6 86.4

206 18.7 13.2 19.8

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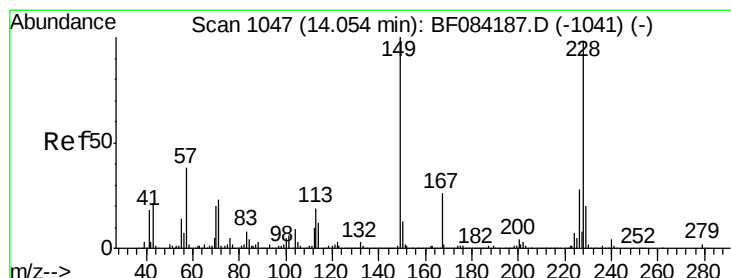
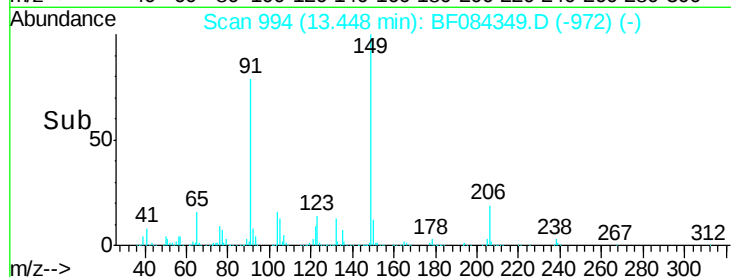
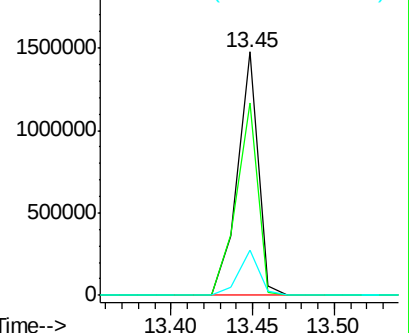
1/10/2016 9:51:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.30 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

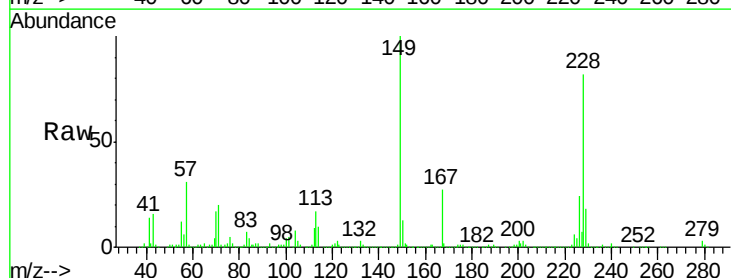
Tgt Ion:228 Resp: 2106437

Ion Ratio Lower Upper

228 100

226 28.7 21.8 32.6

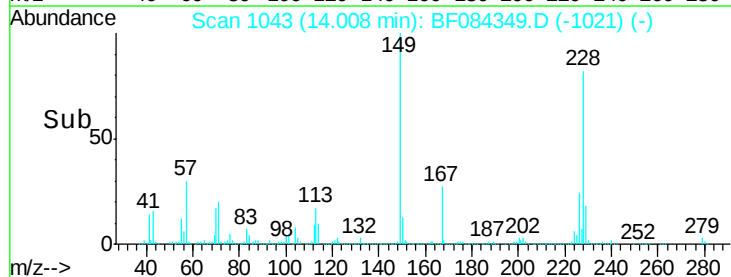
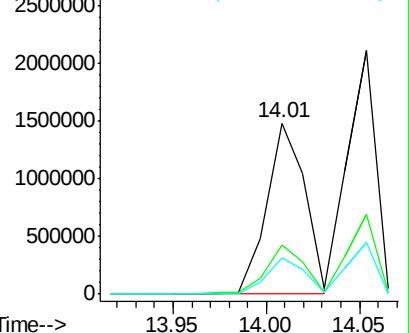
229 21.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





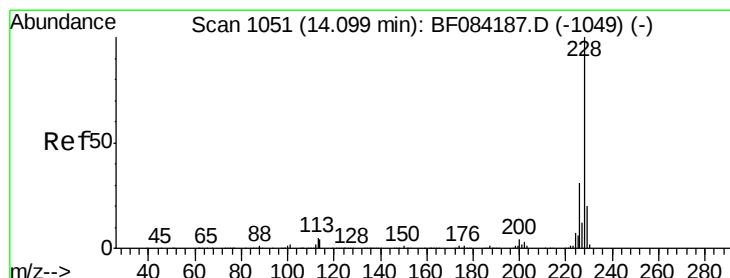
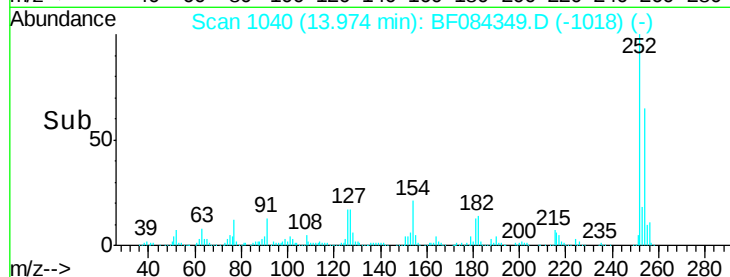
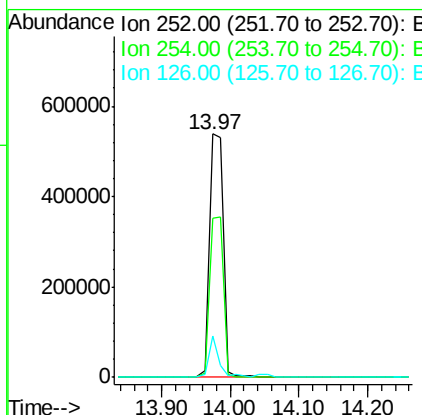
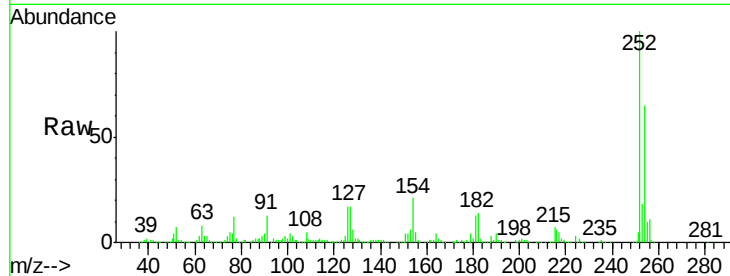
#81
 3,3'-Dichlorobenzidine
 Concen: 39.81 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	53.5	80.3
126	17.0	4.9	7.3

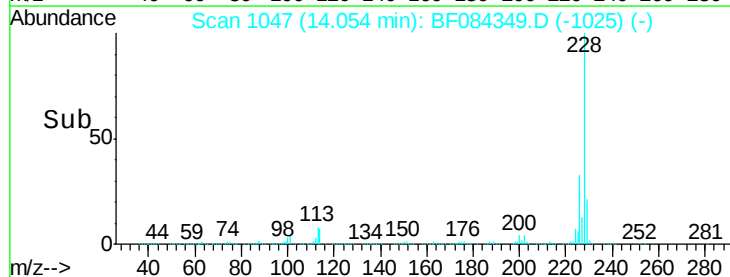
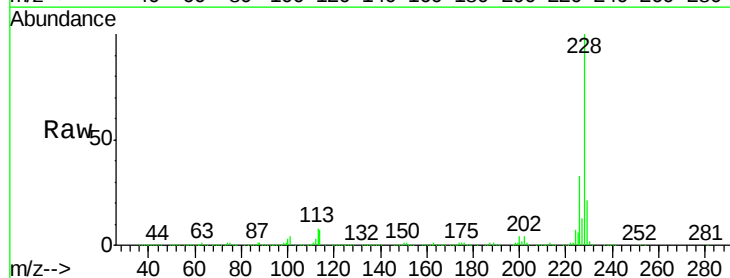
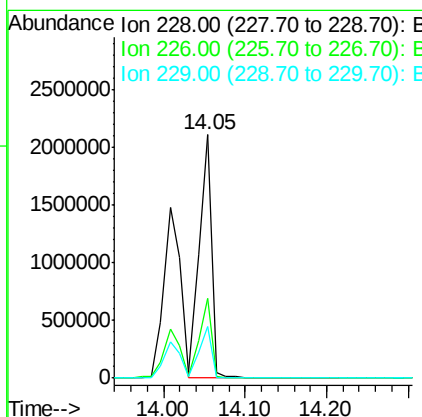
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#82
 Chrysene
 Concen: 42.30 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.6	24.3	36.5
229	21.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.96 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1605583

Ion Ratio Lower Upper

149 100

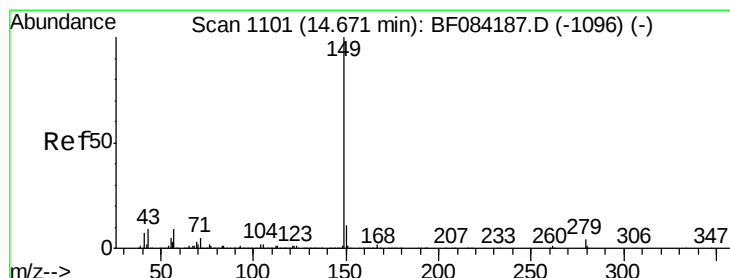
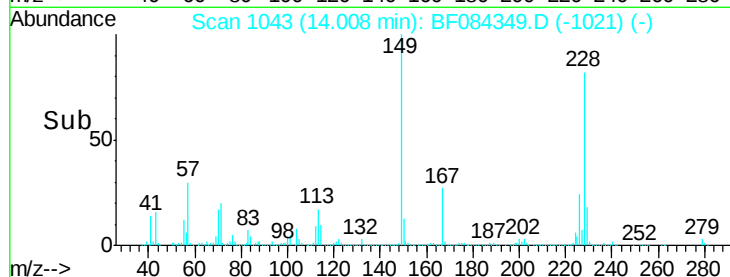
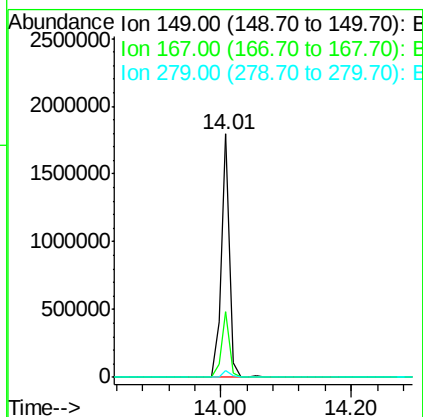
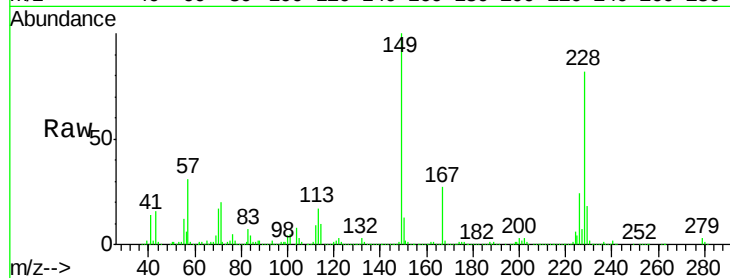
167 27.2 19.7 29.5

279 2.8 1.8 2.6#

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#84

Di-n-octyl phthalate

Concen: 39.40 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

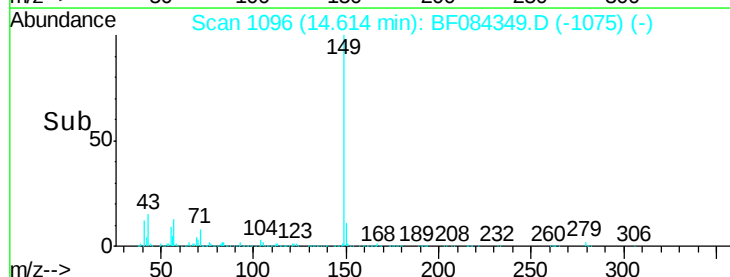
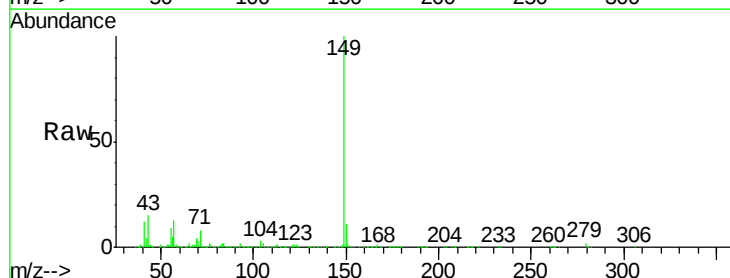
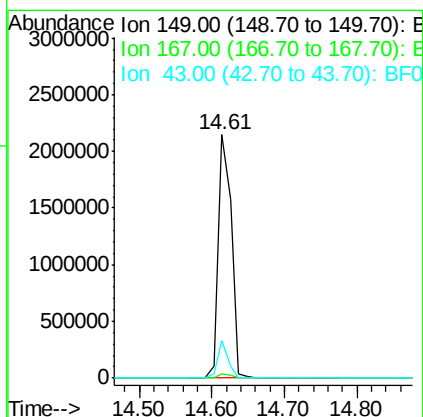
Tgt Ion:149 Resp: 2672645

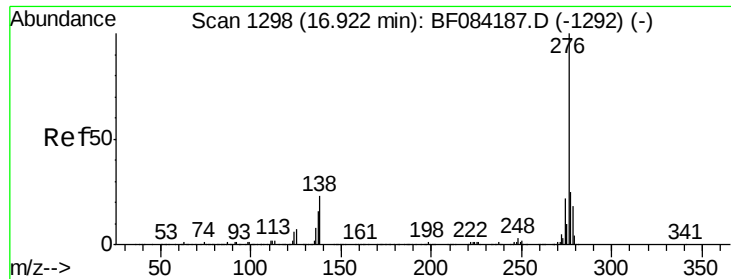
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.2 5.6 8.4#





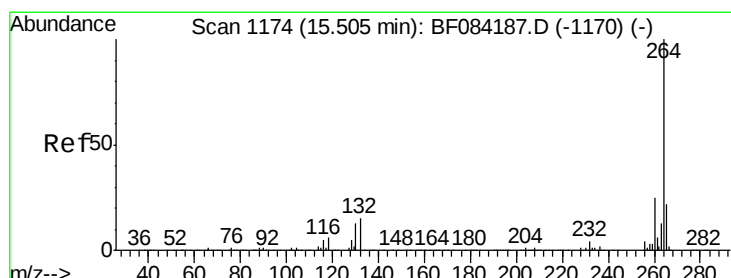
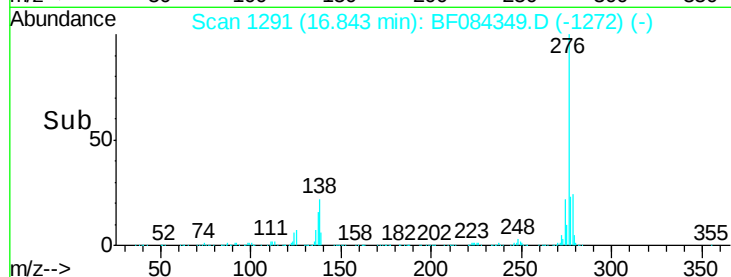
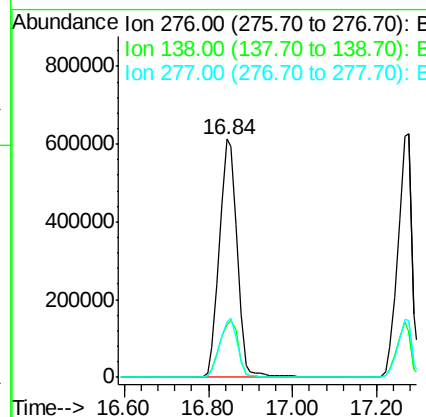
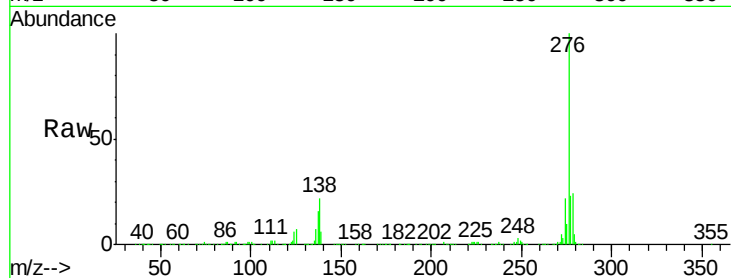
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.34 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.08 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
1815498	276	100		
	138	25.1	20.6	30.8
	277	24.8	20.1	30.1

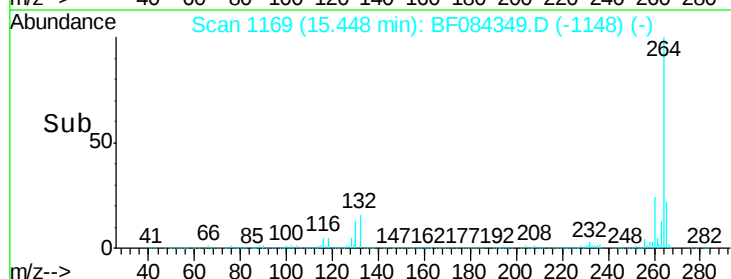
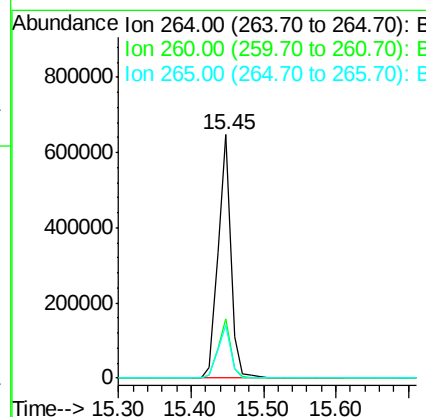
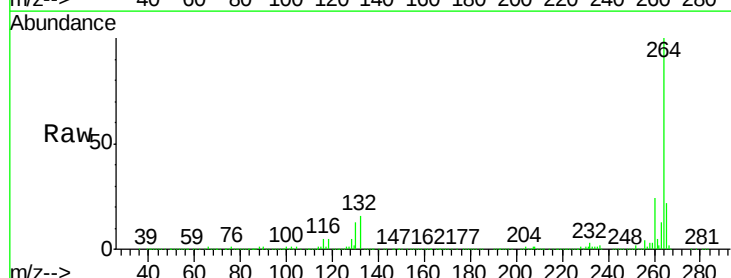
Manual Integrations
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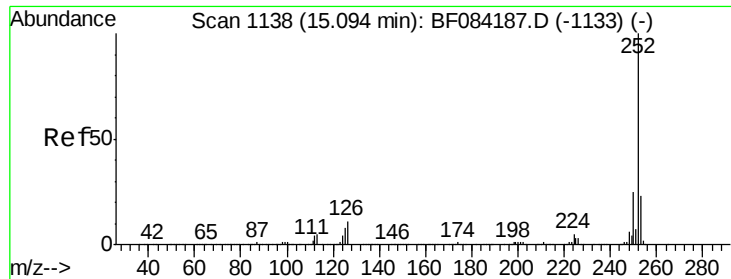
Sohil
 1/10/2016 9:51:50 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Tgt Ion	Ion	Ratio	Lower	Upper
794653	264	100		
	260	24.3	19.4	29.2
	265	21.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 45.55 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 2367936

Ion Ratio Lower Upper

252 100

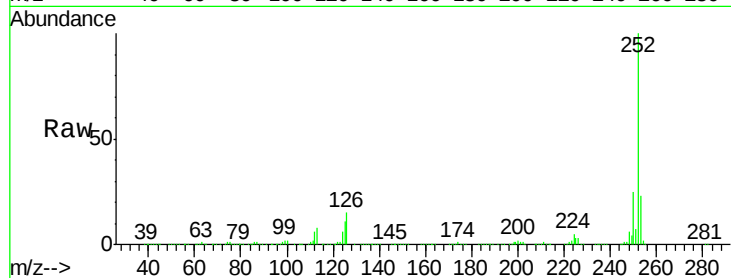
253 23.2 17.3 25.9

125 10.9 6.5 9.7#

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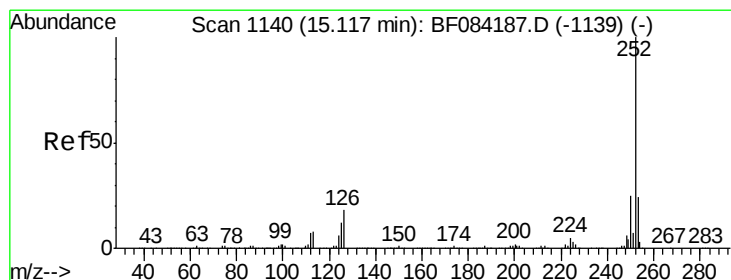
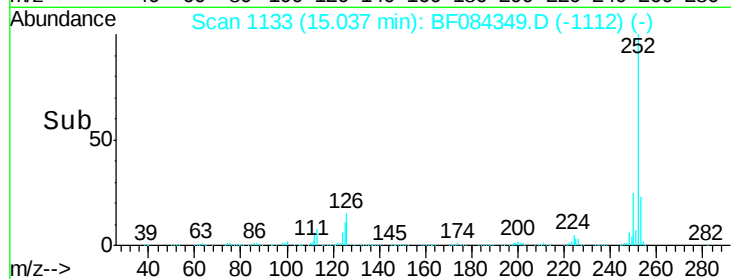
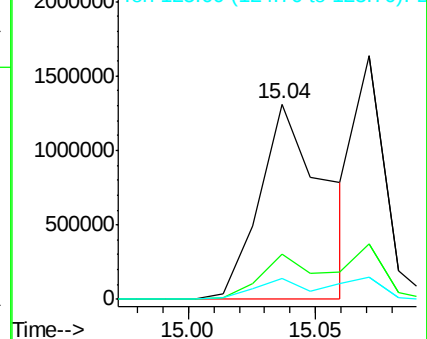
1/10/2016 9:51:50 AM



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: 31.06 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:252 Resp: 1320283

Ion Ratio Lower Upper

252 100

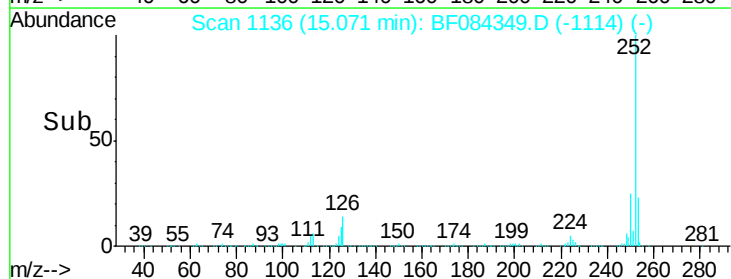
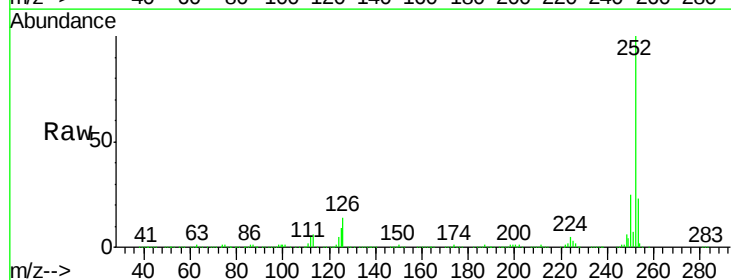
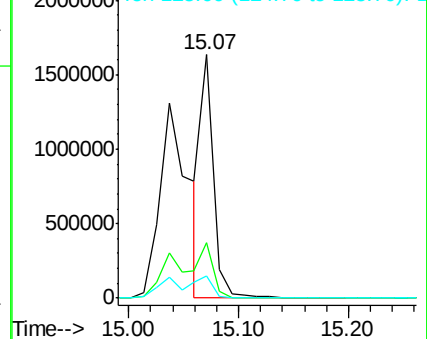
253 22.9 18.1 27.1

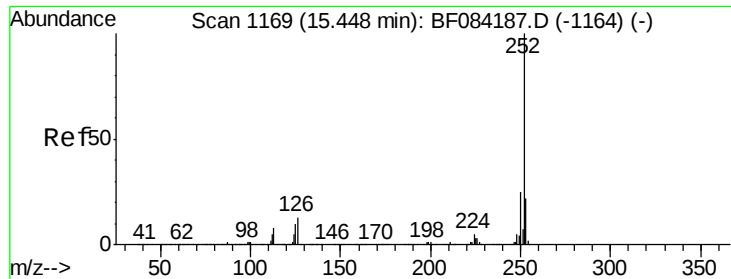
125 9.3 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.93 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1716440

Ion Ratio Lower Upper

252 100

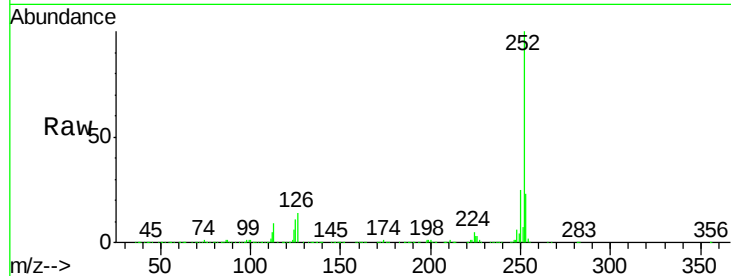
253 22.6 17.3 25.9

125 10.8 7.0 10.4#

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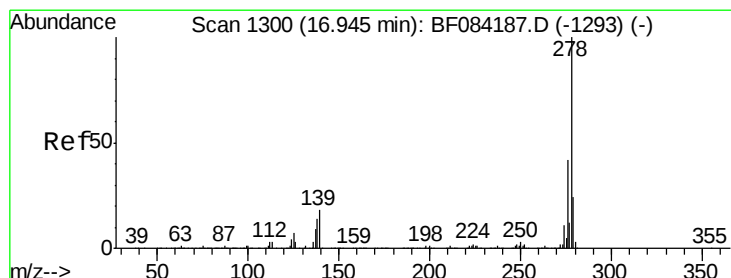
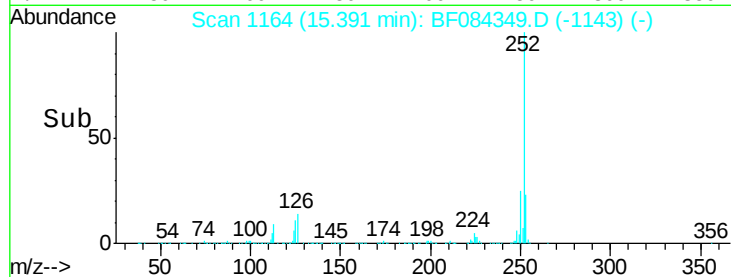
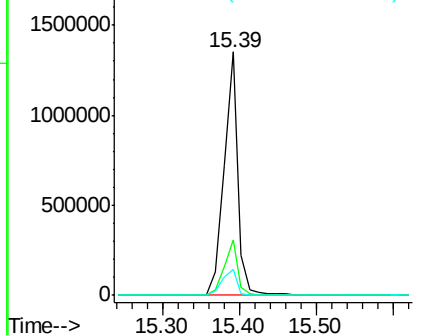
1/10/2016 9:51:50 AM



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: 39.05 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.08 min

Lab File: BF084349.D

Acq: 9 Jan 2016 2:48

Tgt Ion:278 Resp: 1481613

Ion Ratio Lower Upper

278 100

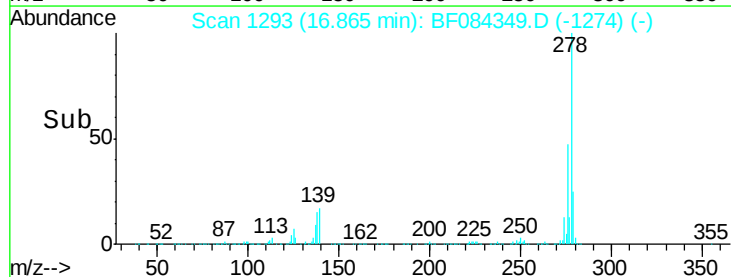
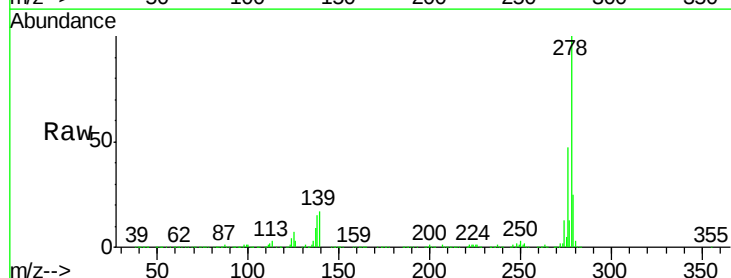
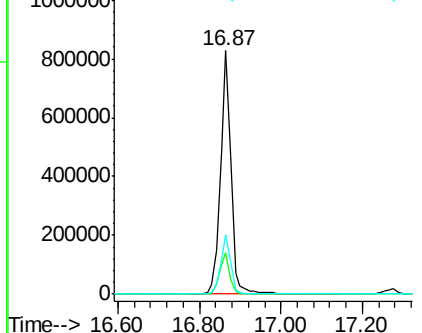
139 16.9 15.0 22.4

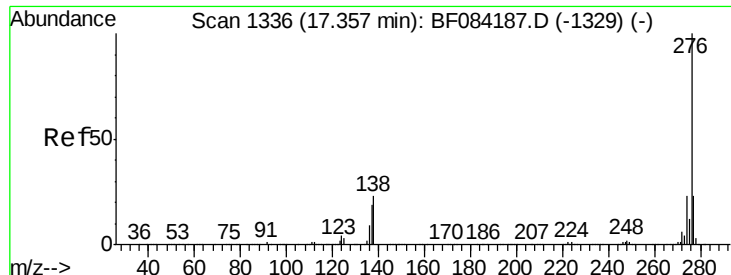
279 24.5 18.9 28.3

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: 38.55 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.08 min
 Lab File: BF084349.D
 Acq: 9 Jan 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	18.5	17.8	26.6

Manual Integrations
 APPROVED

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 1/10/2016 9:51:50 AM

