

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
 Data File : BF084341.D
 Acq On : 8 Jan 2016 22:02
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:40 AM

Quant Time: Jan 09 02:45:07 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	6.86	152	347735	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1395846	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	694624	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1291549	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	882922	20.00	ng	-0.03
86) Perylene-d12	15.45	264	711079	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1526328	71.00	ng	-0.02
7) Phenol-d6	6.52	99	2086550	77.28	ng	-0.01
23) Nitrobenzene-d5	7.44	82	2061133	82.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	474473	67.66	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	3175160	80.04	ng	-0.03
78) Terphenyl-d14	12.98	244	3211426	81.19	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	401907	39.46	ng	# 74
3) Pyridine	3.16	79	1159338	40.83	ng	# 71
4) n-Nitrosodimethylamine	3.13	42	580426	39.82	ng	78
6) Aniline	6.52	93	1321608	33.46	ng	89
8) 2-Chlorophenol	6.65	128	938911	38.49	ng	82
9) Benzaldehyde	6.41	77	673640	38.32	ng	97
10) Phenol	6.53	94	1282400	41.77	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	941410	39.59	ng	85
12) 1,3-Dichlorobenzene	6.80	146	949860m	37.75	ng	
13) 1,4-Dichlorobenzene	6.88	146	976478	38.70	ng	97
14) 1,2-Dichlorobenzene	7.04	146	967835	40.05	ng	98
15) Benzyl Alcohol	7.01	79	811699	35.74	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1488132	34.36	ng	# 48
17) 2-Methylphenol	7.14	107	801103	39.19	ng	# 88
18) Hexachloroethane	7.37	117	389169	38.57	ng	# 86
19) n-Nitroso-di-n-propylamine	7.29	70	627015	34.30	ng	# 74
20) 3+4-Methylphenols	7.29	107	865653	36.03	ng	# 78
22) Acetophenone	7.28	105	1331029	39.66	ng	# 96
24) Nitrobenzene	7.45	77	939951	36.95	ng	94
25) Isophorone	7.70	82	1962203	40.91	ng	97
26) 2-Nitrophenol	7.77	139	573530	49.54	ng	# 91
27) 2,4-Dimethylphenol	7.81	122	769386	32.83	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	1208767	41.26	ng	97
29) 2,4-Dichlorophenol	8.02	162	845295	43.30	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	788018	39.10	ng	97
31) Naphthalene	8.17	128	2353263	37.16	ng	97
32) Benzoic acid	7.95	122	311584	24.23	ng	95
33) 4-Chloroaniline	8.22	127	1196516	41.21	ng	99
34) Hexachlorobutadiene	8.29	225	481338	41.55	ng	97
35) Caprolactam	8.62	113	286468	43.53	ng	# 51
36) 4-Chloro-3-methylphenol	8.72	107	811442	37.11	ng	94
37) 2-Methylnaphthalene	8.86	142	1893860	41.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	722073	36.16	ng	97
40) Hexachlorocyclopentadiene	9.01	237	343169	28.47	ng	97

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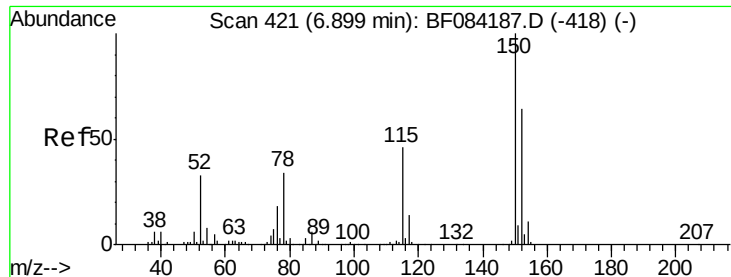
Manual Integrations
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Sohil
 1/10/2016 9:51:40 AM

Quant Time: Jan 09 02:45:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	540725	36.19	nq	91
43) 2,4,5-Trichlorophenol	9.20	196	579643	40.47	nq	97
45) 1,1'-Biphenyl	9.33	154	2130037	38.58	nq	95
46) 2-Chloronaphthalene	9.36	162	1650524	38.06	nq	# 87
47) 2-Nitroaniline	9.45	65	526192	36.77	nq	99
48) Acenaphthylene	9.77	152	2461254	38.42	nq	95
49) Dimethylphthalate	9.64	163	2028387	40.85	nq	# 91
50) 2,6-Dinitrotoluene	9.70	165	496402	45.58	nq	95
51) Acenaphthene	9.94	154	1600497	37.24	nq	98
52) 3-Nitroaniline	9.87	138	590174	43.73	nq	# 82
53) 2,4-Dinitrophenol	9.96	184	128722	30.07	nq	# 77
54) Dibenzofuran	10.11	168	2161238	38.39	nq	# 89
55) 4-Nitrophenol	10.04	139	323773	33.05	nq	# 77
56) 2,4-Dinitrotoluene	10.10	165	636969	46.21	nq	96
57) Fluorene	10.45	166	1748561	40.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	476751	38.99	nq	88
59) Diethylphthalate	10.33	149	1807234	36.91	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	689214	36.45	nq	89
61) 4-Nitroaniline	10.49	138	536474	44.59	nq	92
62) Azobenzene	10.60	77	1885517	35.11	nq	87
64) 4,6-Dinitro-2-methylphenol	10.50	198	227847	29.48	nq	# 42
65) n-Nitrosodiphenylamine	10.57	169	1486856	36.01	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	496476	35.71	nq	# 81
67) Hexachlorobenzene	11.00	284	615916	39.37	nq	# 90
68) Atrazine	11.09	200	528138	39.08	nq	99
69) Pentachlorophenol	11.20	266	286484	35.31	nq	98
70) Phenanthrene	11.41	178	2510712	37.16	nq	94
71) Anthracene	11.46	178	2639649	39.86	nq	98
72) Carbazole	11.62	167	2084703	32.20	nq	97
73) Di-n-butylphthalate	11.95	149	2574145	35.28	nq	# 94
74) Fluoranthene	12.60	202	2817181	39.92	nq	94
76) Benzidine	12.72	184	1049708	33.16	nq	99
77) Pyrene	12.83	202	2835794	40.93	nq	97
79) Butylbenzylphthalate	13.45	149	1166928	38.92	nq	91
80) Benzo(a)anthracene	14.02	228	2008998	38.75	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	797416	44.07	nq	# 98
82) Chrysene	14.05	228	2001625	40.18	nq	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1442316	38.08	nq	97
84) Di-n-octyl phthalate	14.63	149	2531438	39.59	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.85	276	1698702	43.02	nq	100
87) Benzo(b)fluoranthene	15.04	252	2100263m	45.15	nq	
88) Benzo(k)fluoranthene	15.07	252	1273824m	33.48	nq	
89) Benzo(a)pyrene	15.39	252	1543908	39.13	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	1373102	40.45	nq	98
91) Benzo(g,h,i)perylene	17.28	276	1436876	40.87	nq	97

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



#1

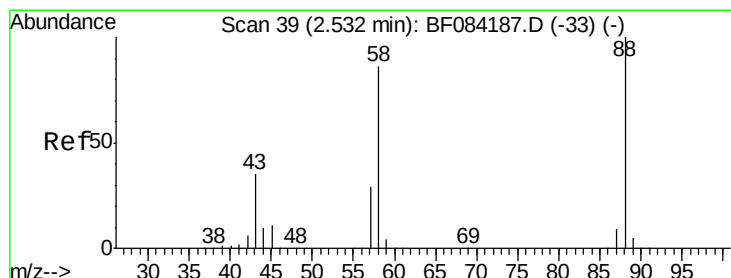
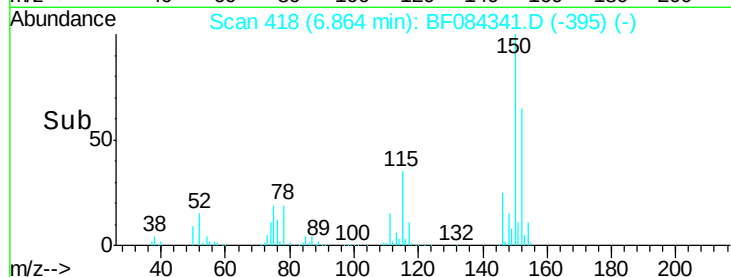
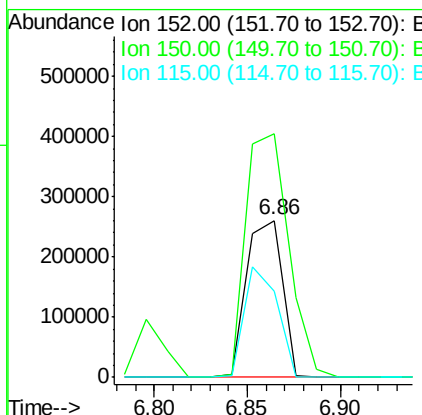
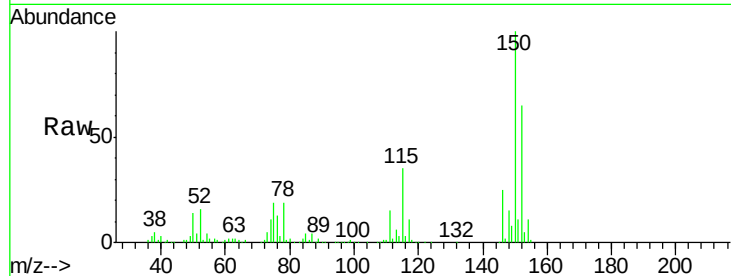
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.4
115	54.9	51.4	77.2

Manual Integrations
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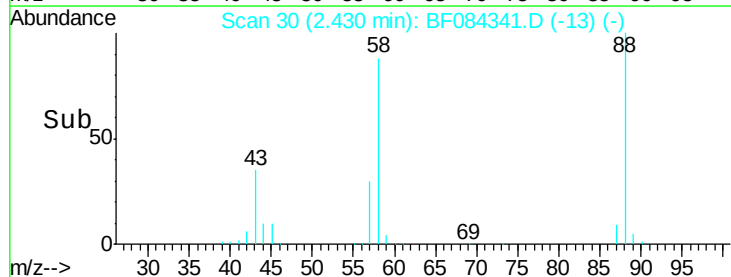
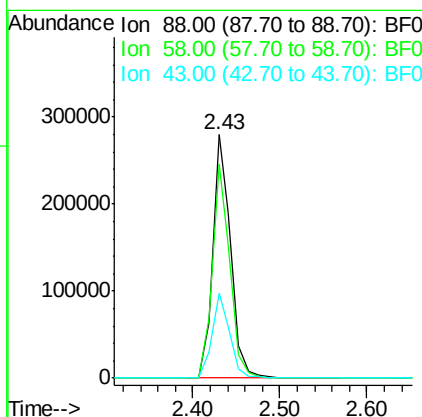
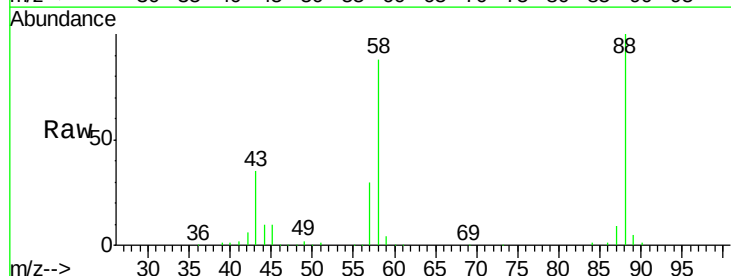
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1/10/2016 9:51:40 AM

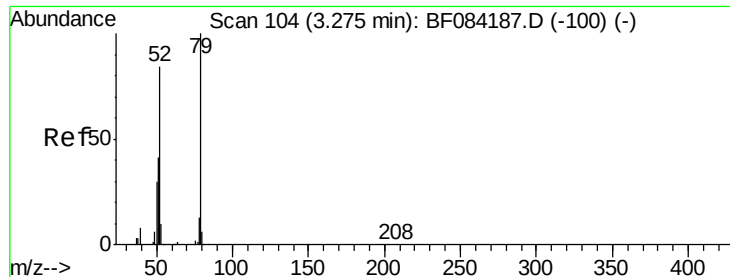


#2

1,4-Dioxane
Concen: 39.46 ng
RT: 2.43 min Scan# 30
Delta R.T. -0.10 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	51.2	76.8#
43	34.7	19.5	29.3#





#3

Pvridine

Concen: 40.83 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.11 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1159338

Ion Ratio Lower Upper

79 100

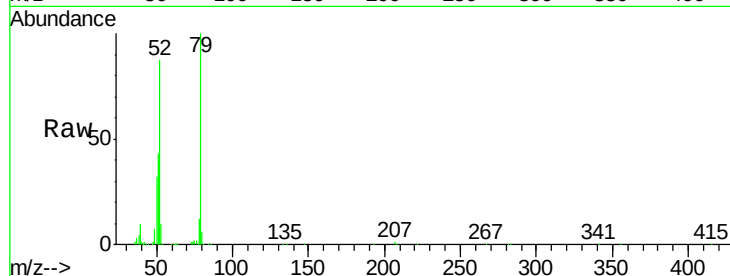
52 86.6 49.0 73.4#

51 43.1 25.2 37.8#

Manual Integrations
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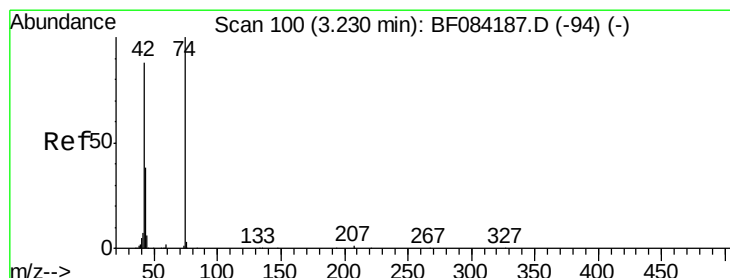
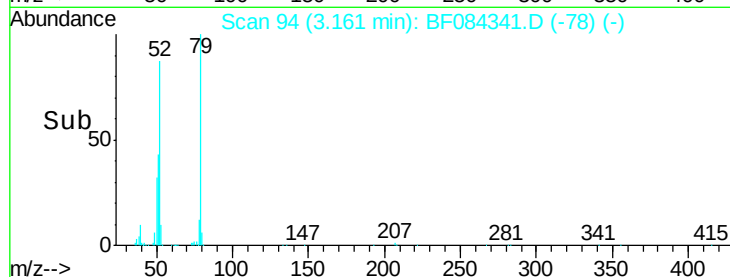
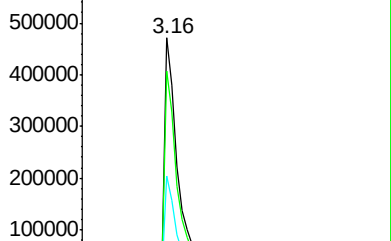
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.82 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.10 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

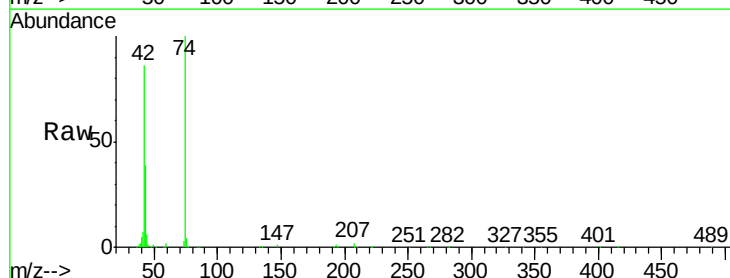
Tgt Ion: 42 Resp: 580426

Ion Ratio Lower Upper

42 100

74 115.7 115.7 173.5

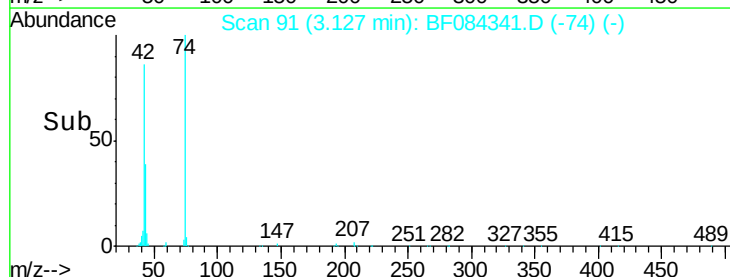
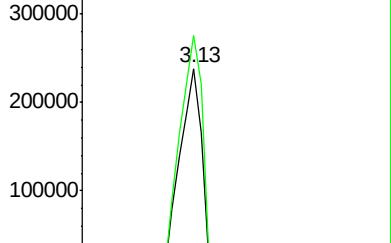
44 7.3 5.1 7.7

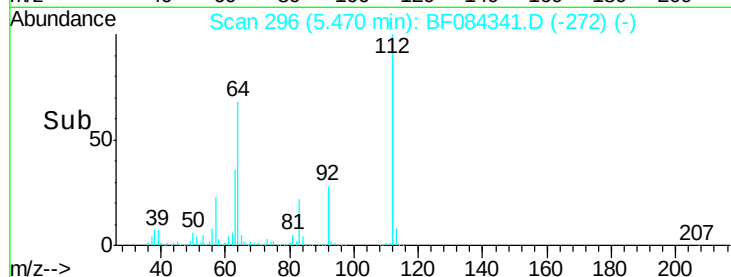
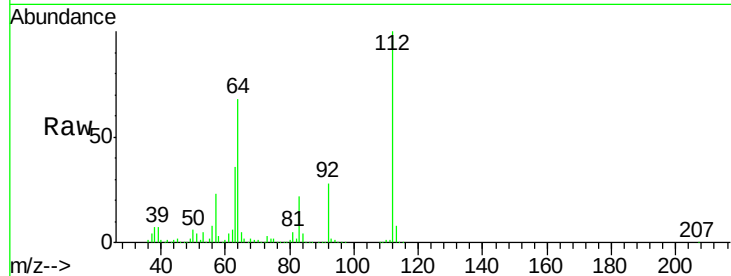
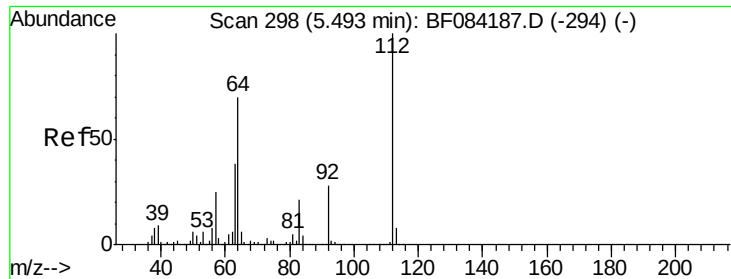


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.00 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tot Ion:	112	Resp:	1526328
Ion	Ratio	Lower	Upper
112	100		
64	67.9	36.6	55.0#
63	36.1	19.4	29.0#

Instrument :

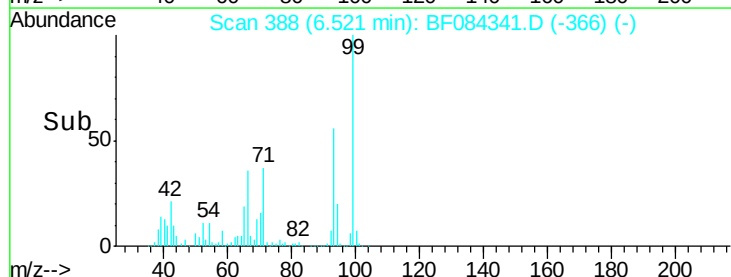
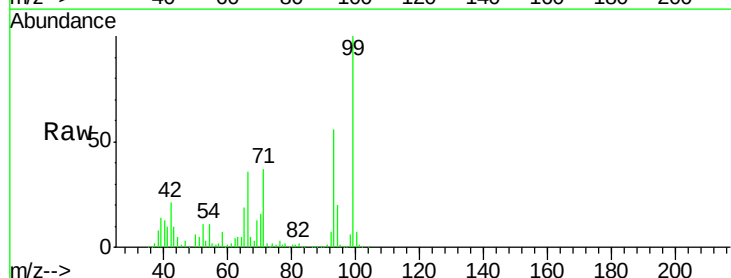
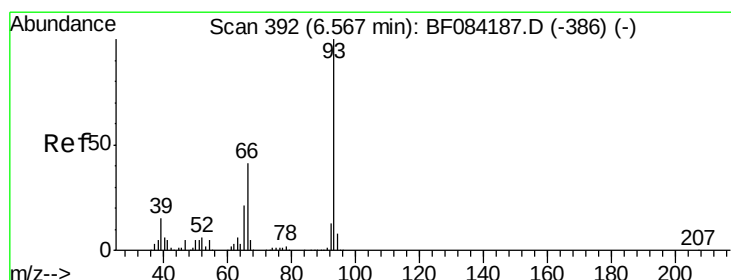
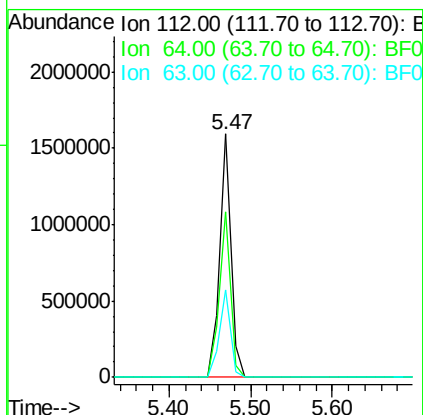
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 33.46 ng

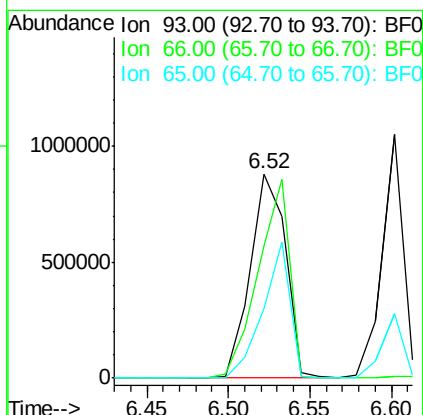
RT: 6.52 min Scan# 388

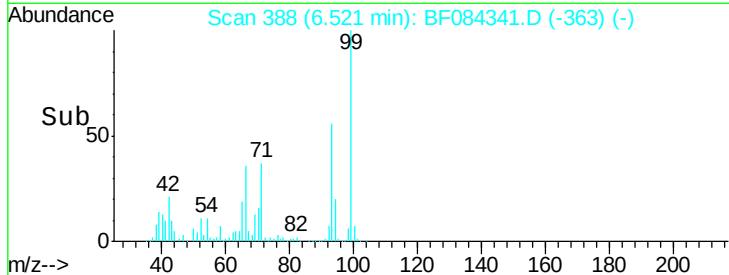
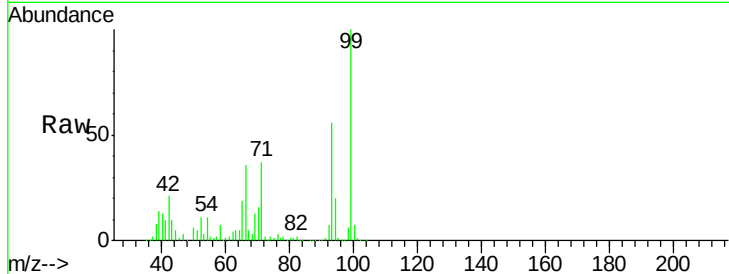
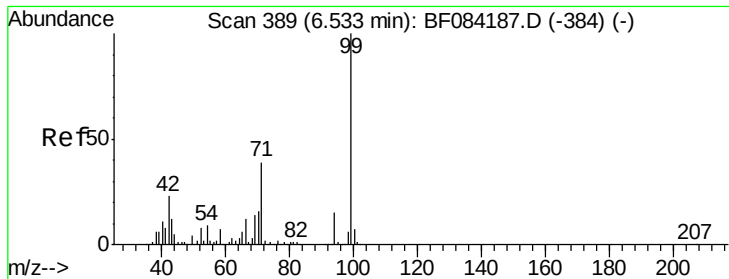
Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	93	Resp:	1321608
Ion	Ratio	Lower	Upper
93	100		
66	65.0	44.9	67.3
65	33.9	23.7	35.5





#7

Phenol-d6

Concen: 77.28 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tot Ion:	99	Resp:	2086550
Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.4	30.9	46.3

Instrument :

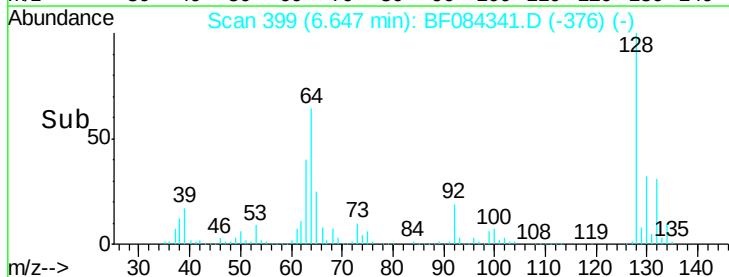
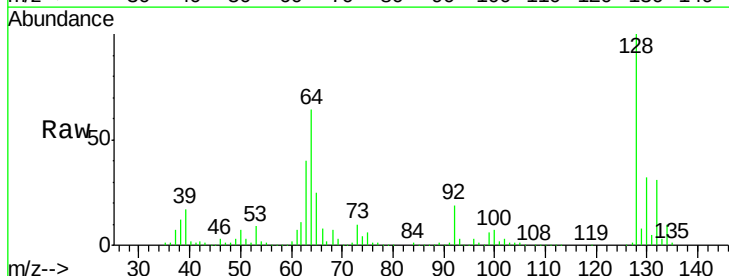
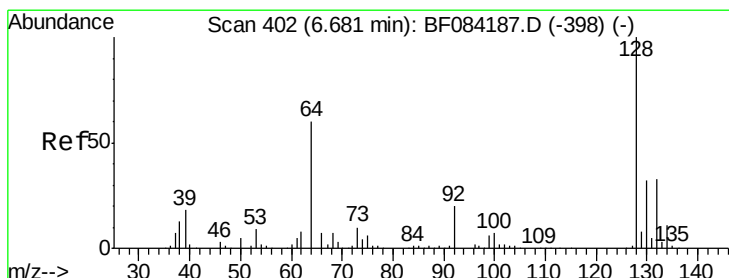
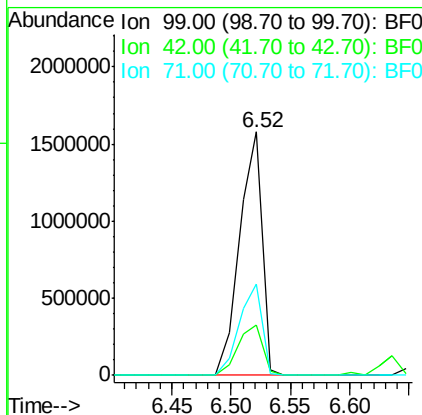
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 38.49 ng

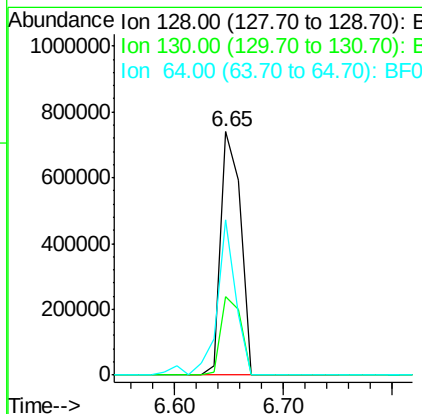
RT: 6.65 min Scan# 399

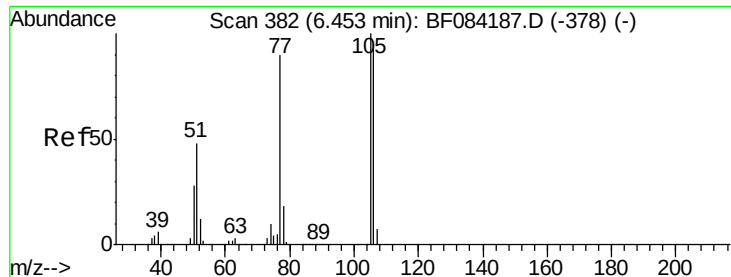
Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	128	Resp:	938911
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.6	51.6
64	63.6	23.8	63.8





#9

Benzaldehyde

Concen: 38.32 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

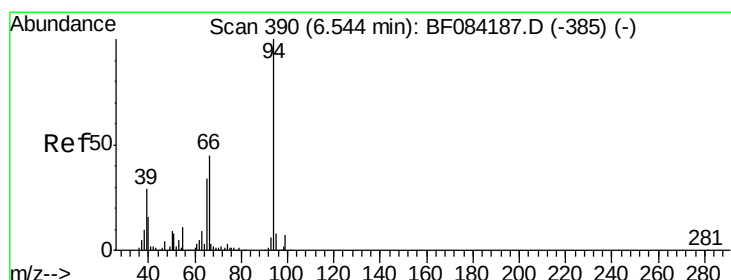
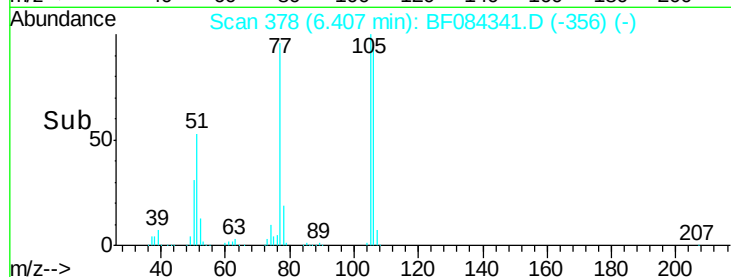
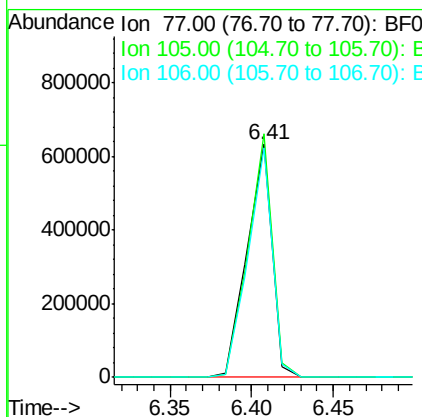
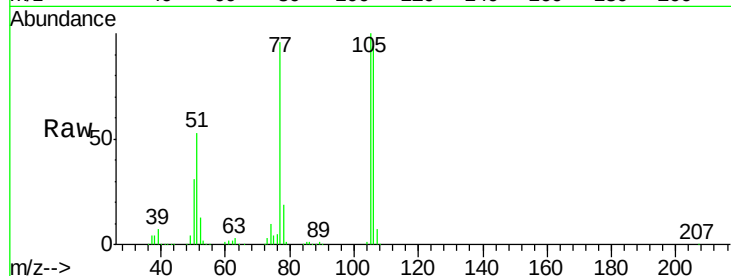
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.4	83.0	123.0		
106	98.6	74.6	114.6		

Manual Integrations
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1/10/2016 9:51:40 AM



#10

Phenol

Concen: 41.77 ng

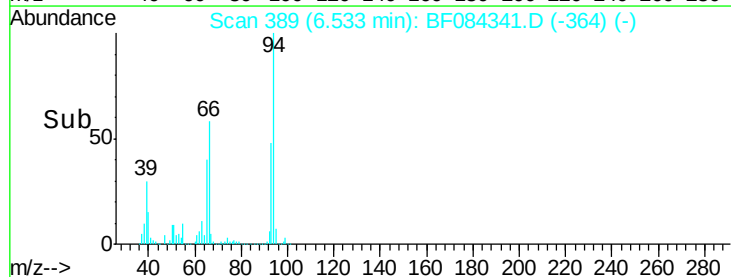
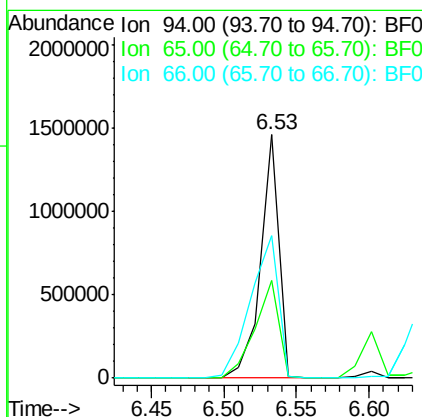
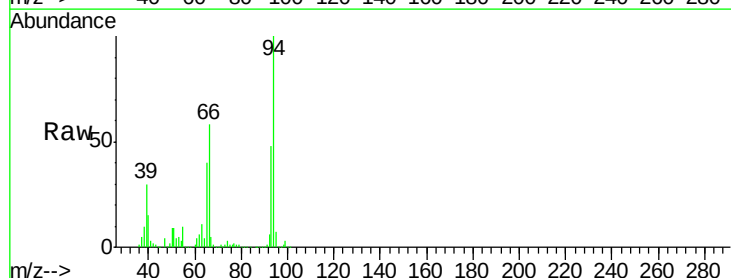
RT: 6.53 min Scan# 389

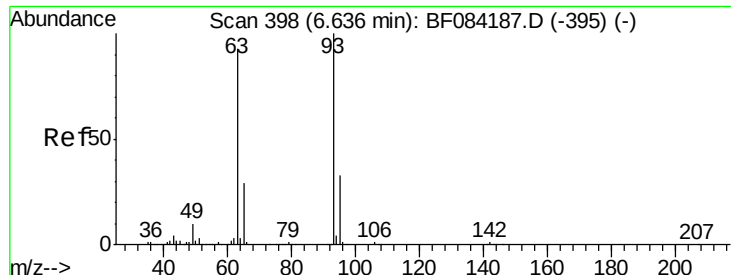
Delta R.T. -0.01 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	40.0	12.9	52.9		
66	58.5	32.7	72.7		





#11

bis(2-Chloroethyl)ether

Concen: 39.59 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

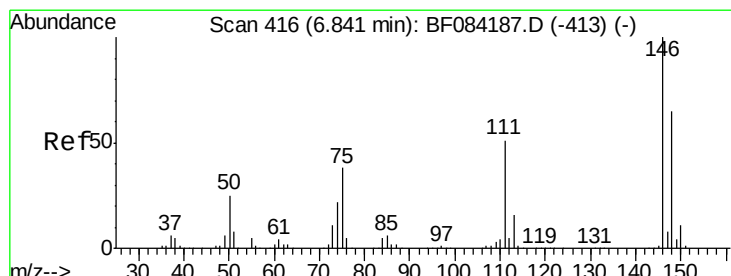
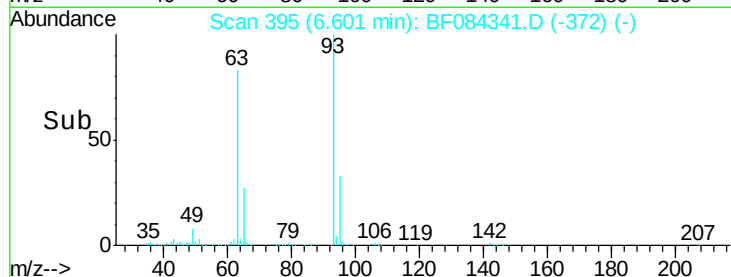
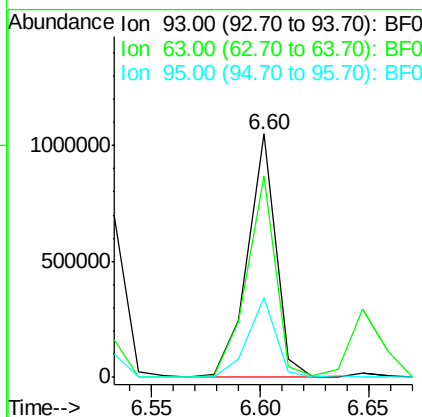
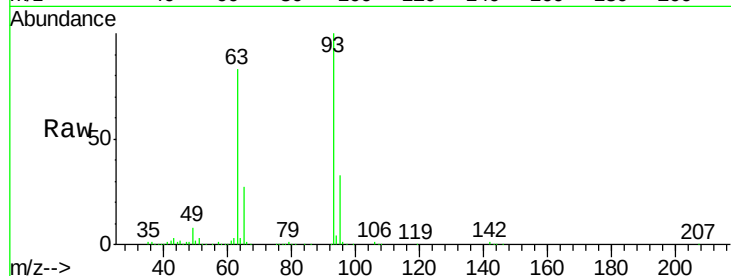
ClientSampled :

SSTDCCC040

Tot Ion:	93	Resp:	941410
Ion	Ratio	Lower	Upper
93	100		
63	82.8	45.9	85.9
95	32.9	12.3	52.3

Manual Integrations
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1/10/2016 9:51:40 AM



#12

1,3-Dichlorobenzene

Concen: 37.75 ng m

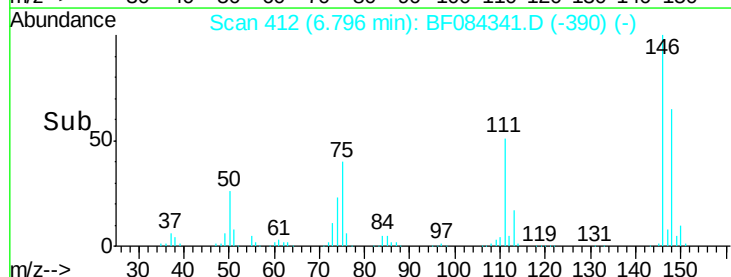
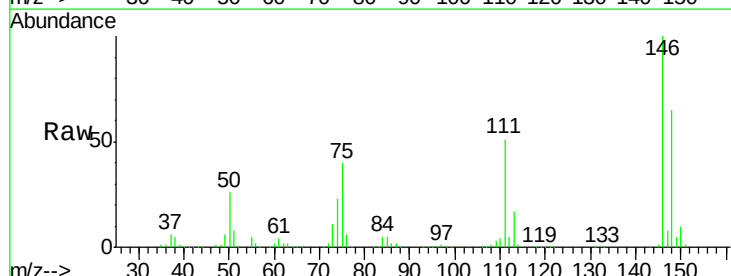
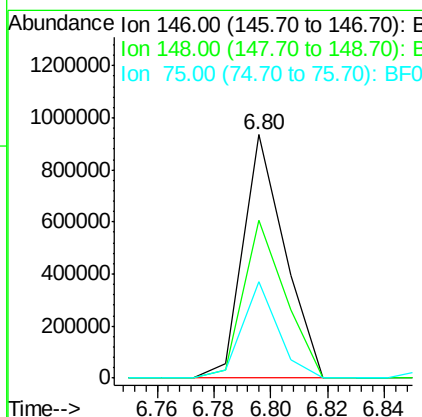
RT: 6.80 min Scan# 412

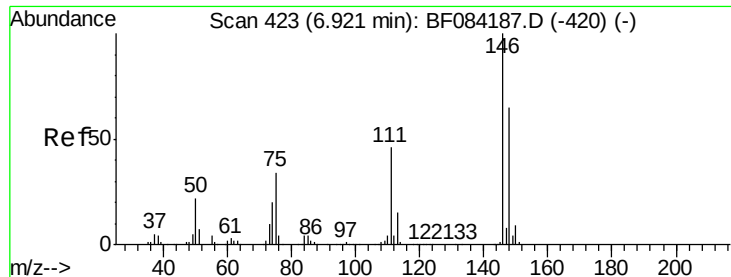
Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	146	Resp:	949860
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	39.7	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 38.70 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

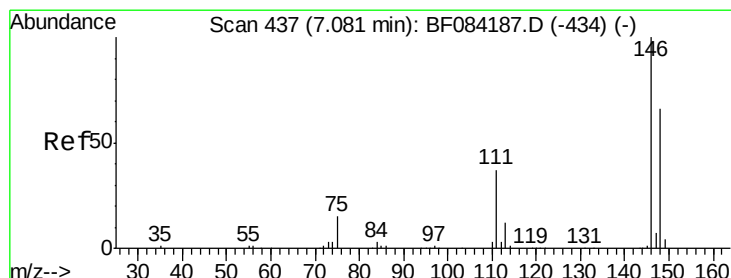
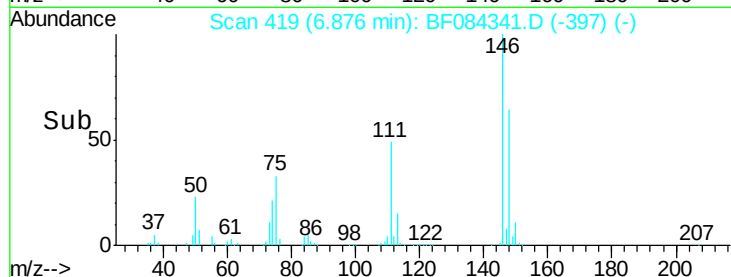
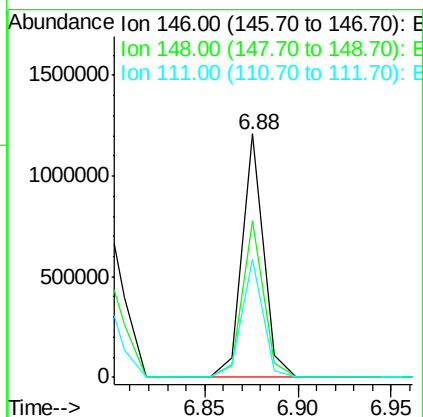
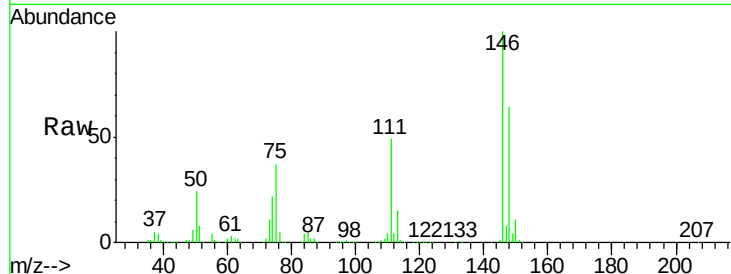
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	976478
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
111	48.6	41.6	62.4

Manual Integrations
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Sohil
1/10/2016 9:51:40 AM



#14

1,2-Dichlorobenzene

Concen: 40.05 ng

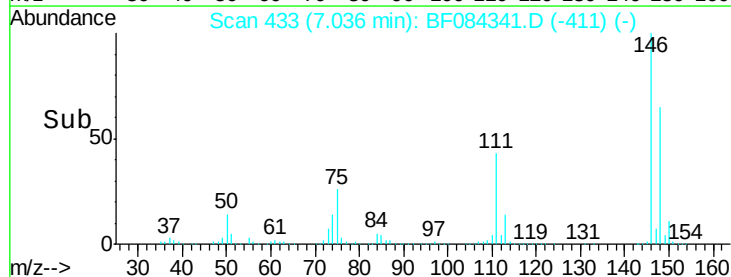
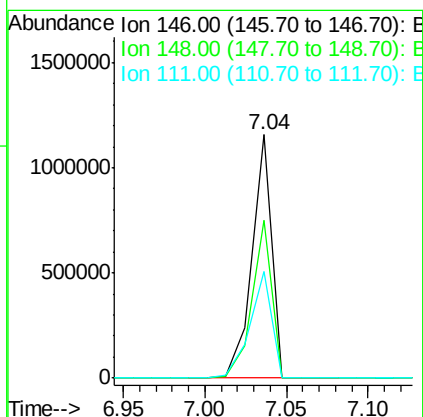
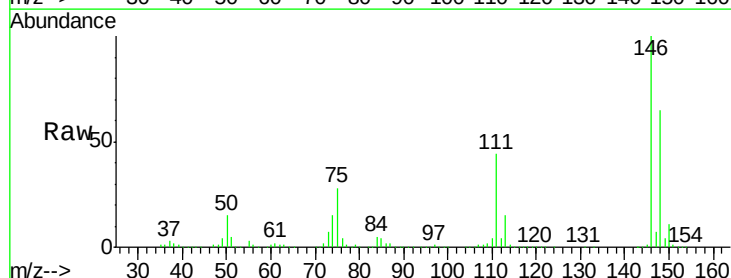
RT: 7.04 min Scan# 433

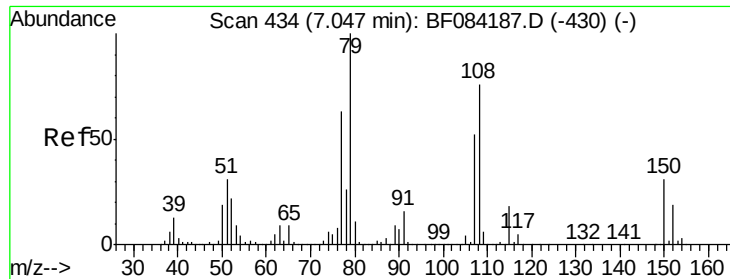
Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	146	Resp:	967835
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.6	77.4
111	44.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 35.74 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

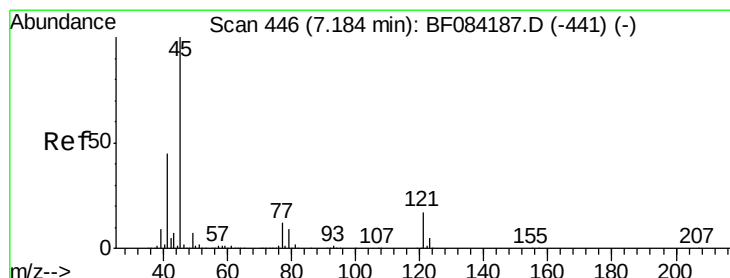
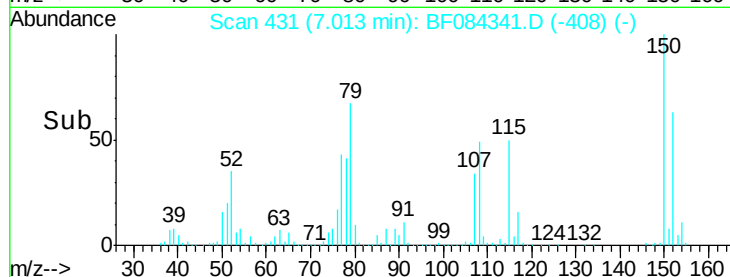
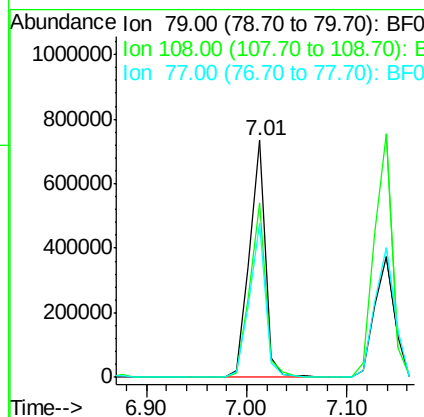
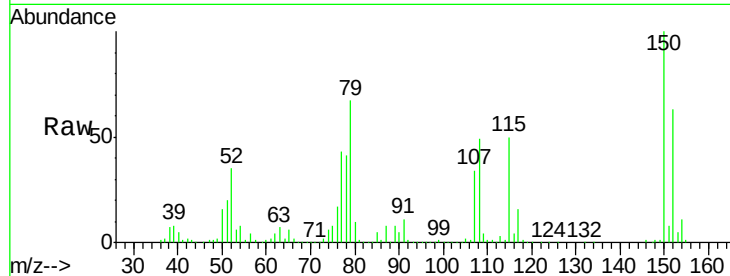
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	811699
Ion Ratio	Lower	Upper	
79	100		
108	73.8	69.0	103.4
77	64.8	50.0	75.0

Manual Integrations
APPROVED

Sohil
1/10/2016 9:51:40 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.36 ng

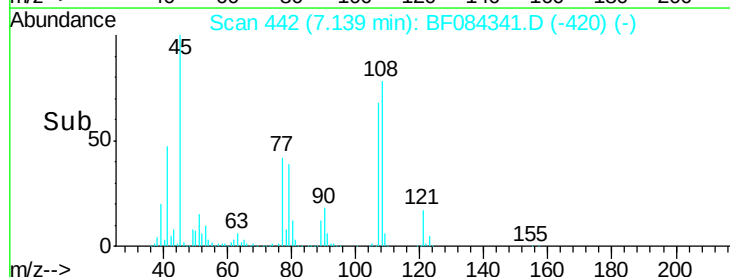
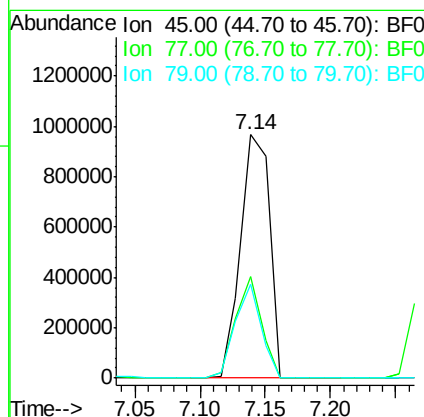
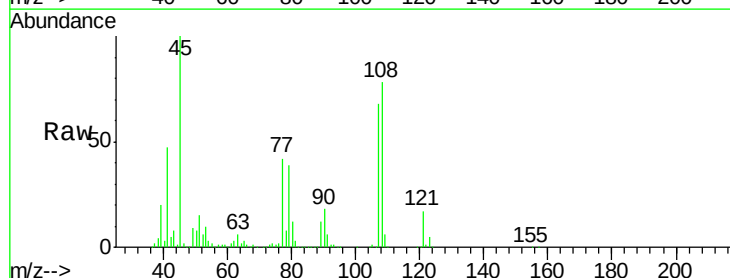
RT: 7.14 min Scan# 442

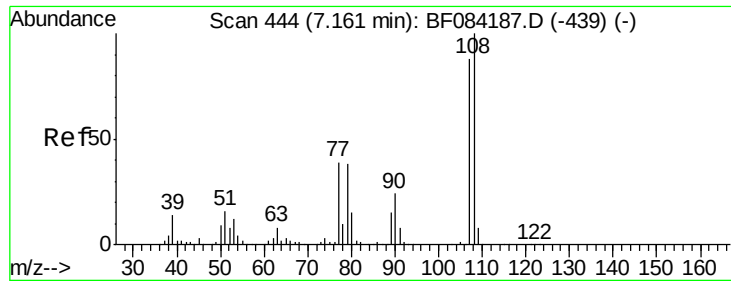
Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	45	Resp:	1488132
Ion Ratio	Lower	Upper	
45	100		
77	41.7	0.0	39.6#
79	38.7	0.0	35.0#





#17

2-Methylphenol

Concen: 39.19 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

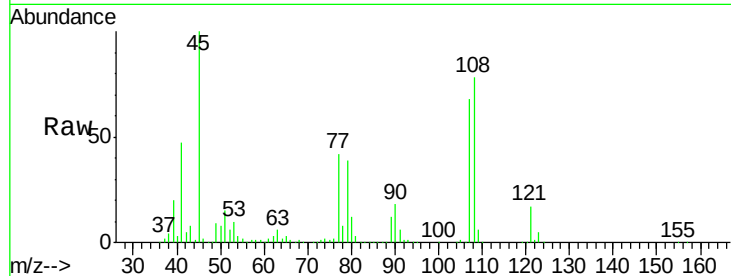
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	801103
Ion Ratio	Lower	Upper	
107	100		
108	115.2	89.8	134.6
77	61.6	35.7	53.5#
79	57.2	35.7	53.5#

Manual Integrations
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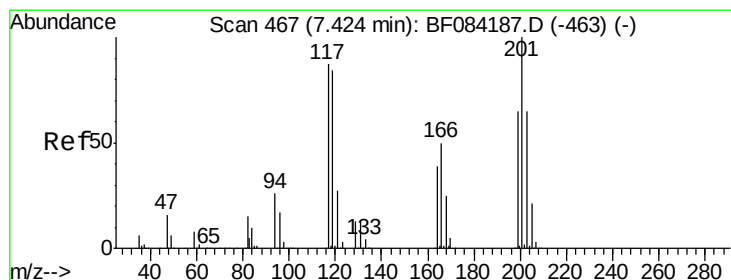
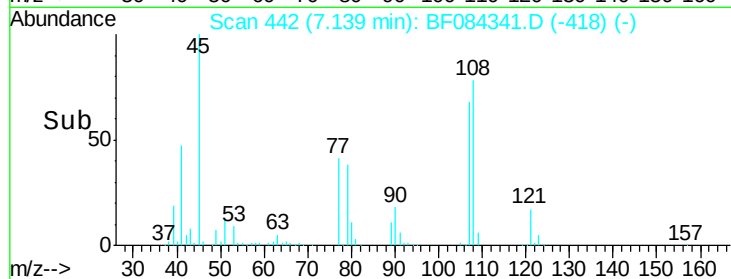
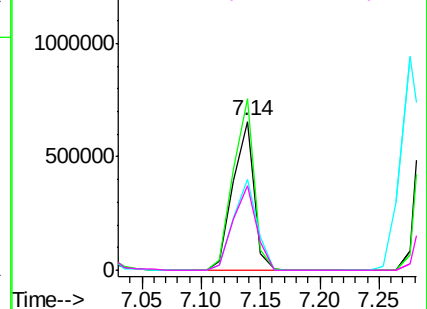
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.57 ng

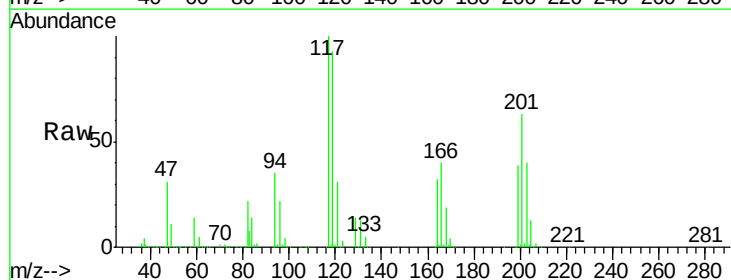
RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	117	Resp:	389169
Ion Ratio	Lower	Upper	
117	100		
119	93.2	77.4	116.0
201	62.5	68.6	103.0#

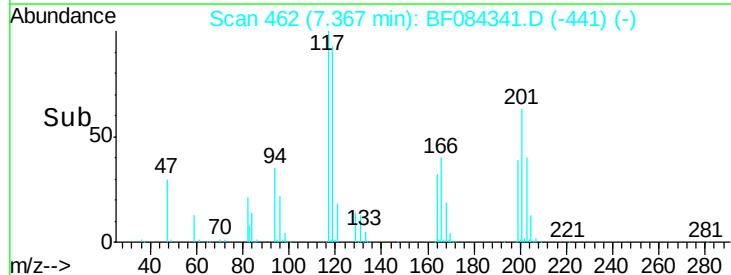
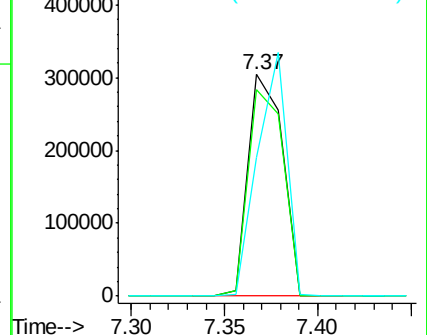


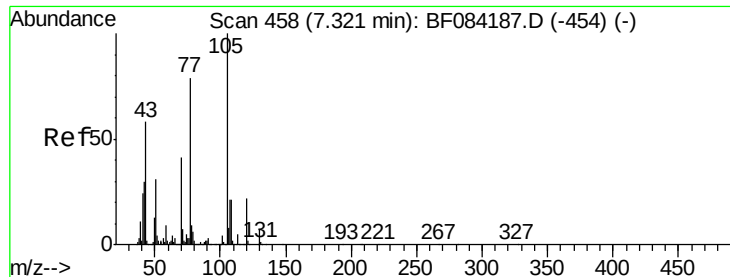
Abundance

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





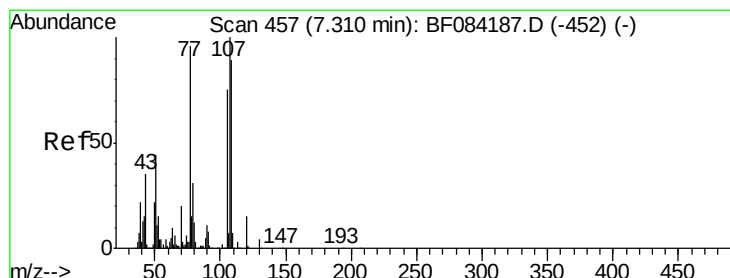
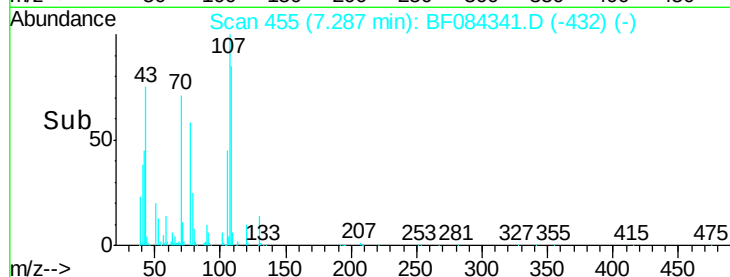
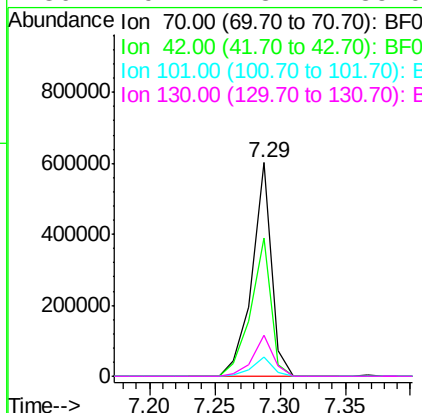
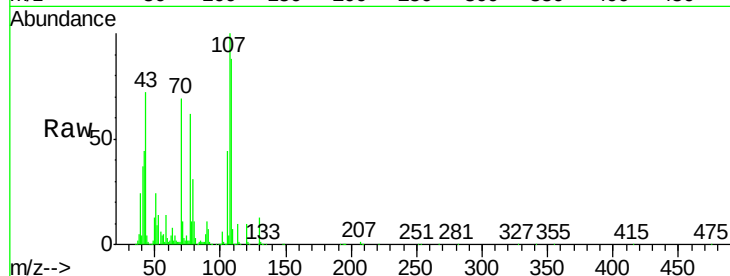
#19
n-Nitroso-di-n-propylamine
Concen: 34.30 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		627015		
42	64.6	33.3	49.9#		
101	9.1	9.3	13.9#		
130	19.1	23.4	35.0#		

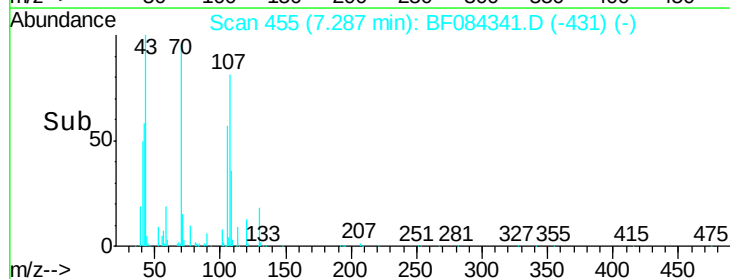
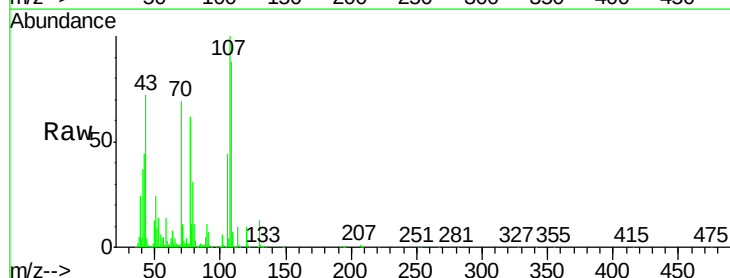
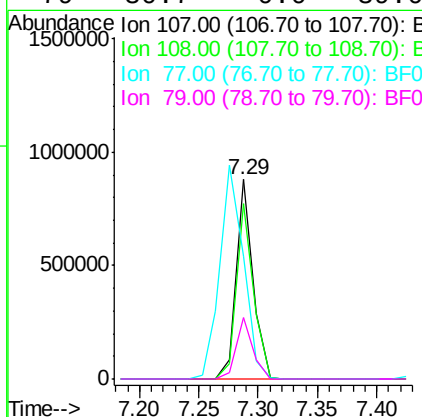
Manual Integrations
APPROVED

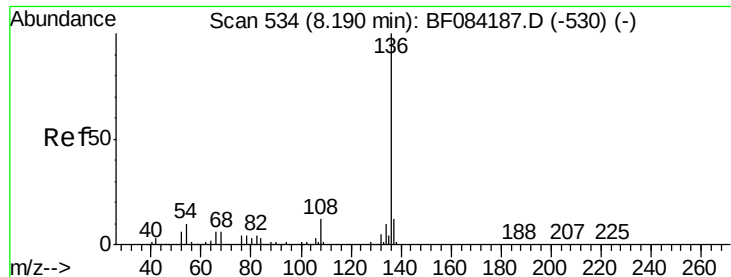
Sohil
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#20
3+4-Methylphenols
Concen: 36.03 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		865653		
108	87.8	74.6	114.6		
77	61.6	0.7	40.7#		
79	30.7	0.0	39.0		





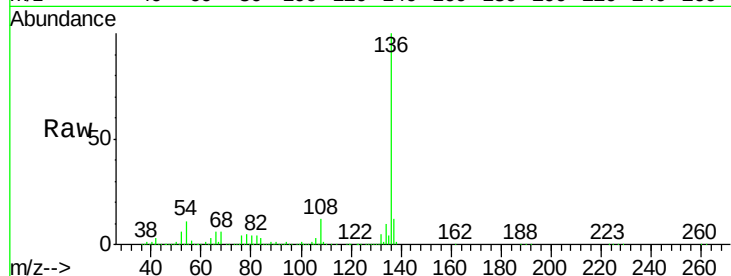
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

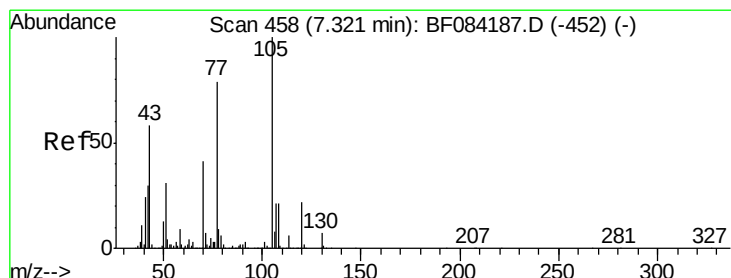
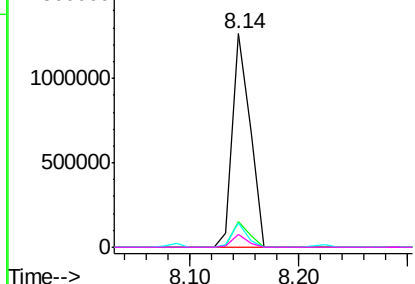
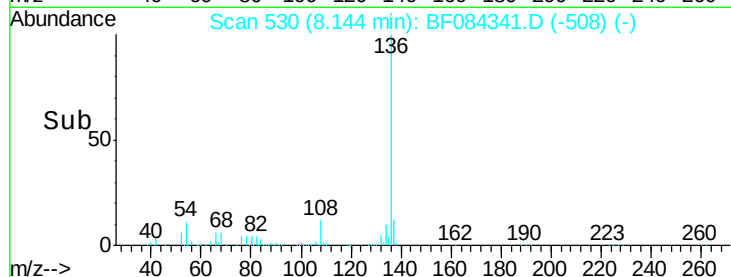
Tot Ion	136	Resp	1395846
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	11.4	5.8	8.8#
68	6.0	4.2	6.2

Manual Integrations
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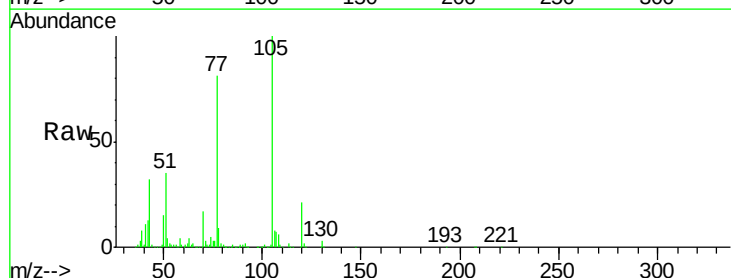


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

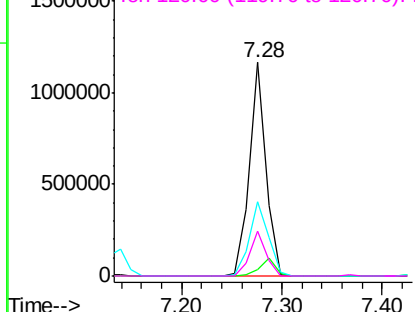
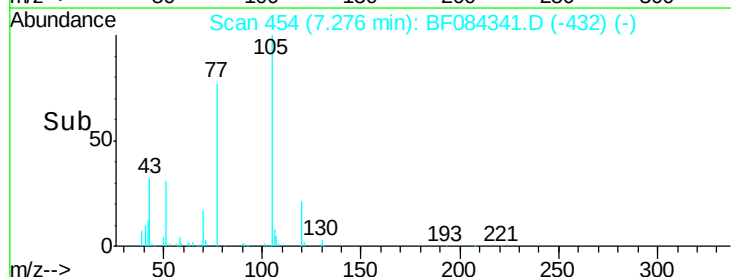


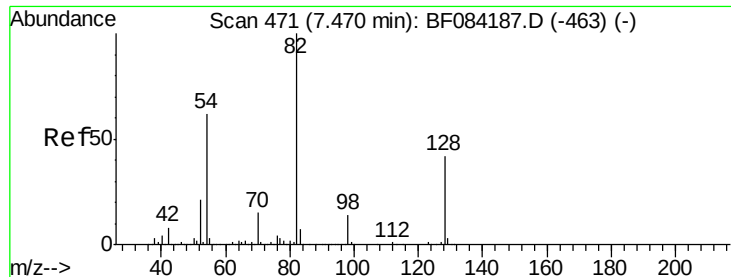
#22
Acetophenone
Concen: 39.66 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	105	Resp	1331029
Ion Ratio	Lower	Upper	
105	100		
71	2.8	3.7	5.5#
51	34.7	25.1	37.7
120	20.8	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





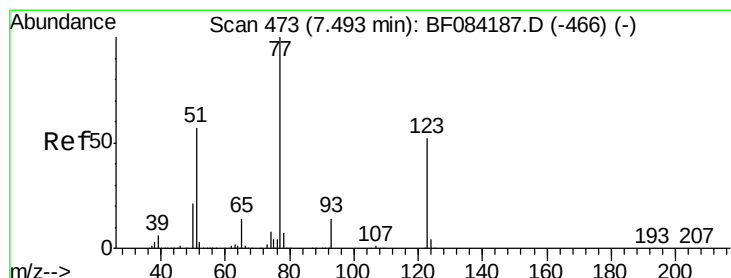
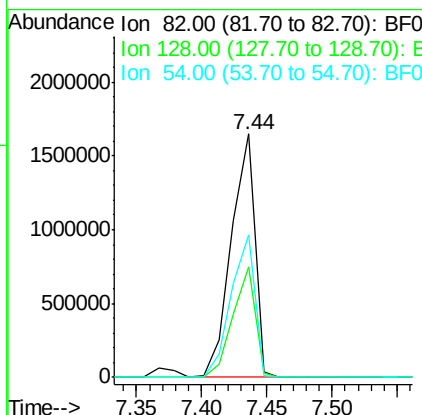
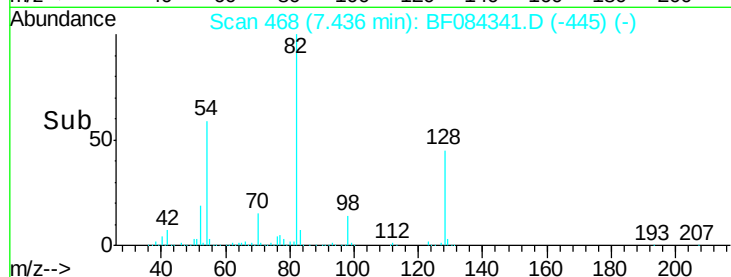
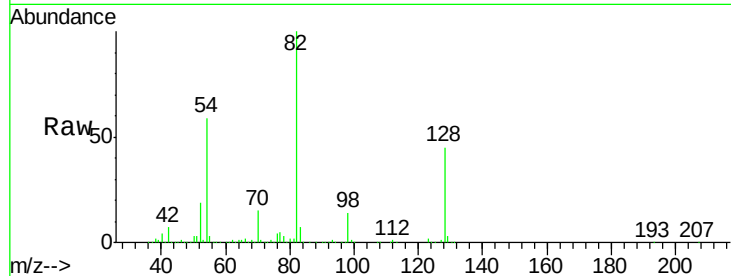
#23
Nitrobenzene-d5
Concen: 82.18 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	58.7	38.4	57.6

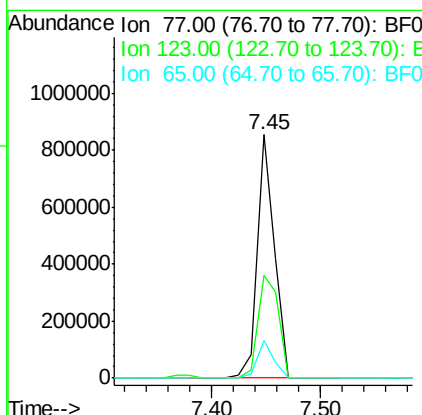
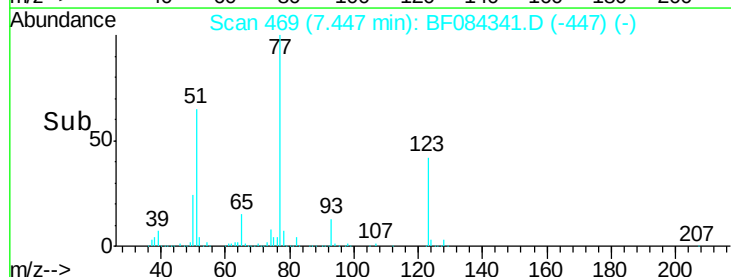
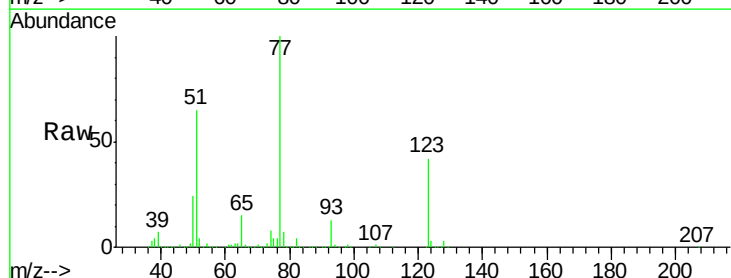
Manual Integrations
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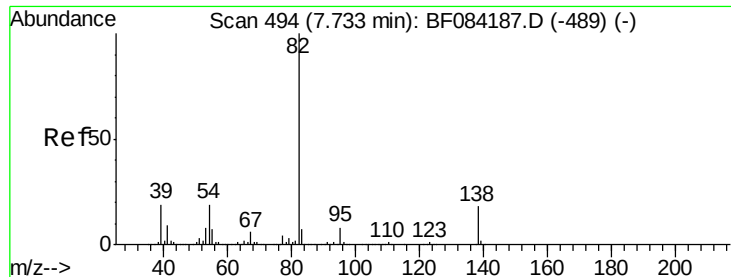
Sohil
1/10/2016 9:51:40 AM



#24
Nitrobenzene
Concen: 36.95 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.4	56.2
65	15.2	10.9	16.3





#25

Isophorone

Concen: 40.91 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1962203

Ion Ratio Lower Upper

82 100

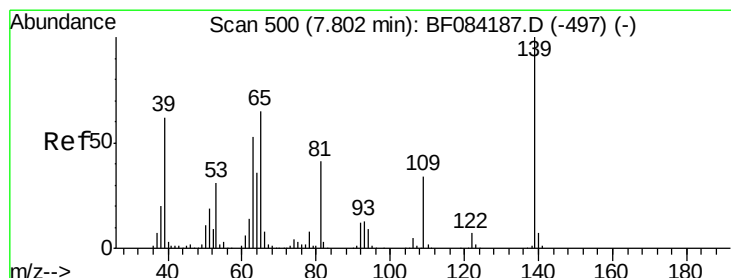
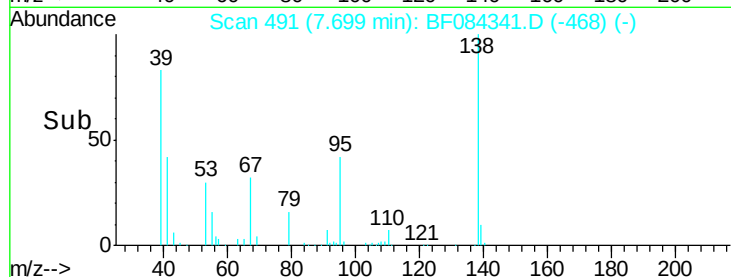
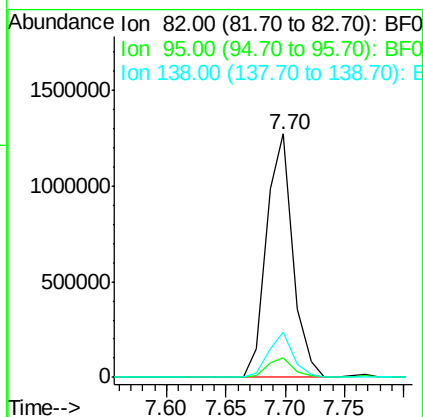
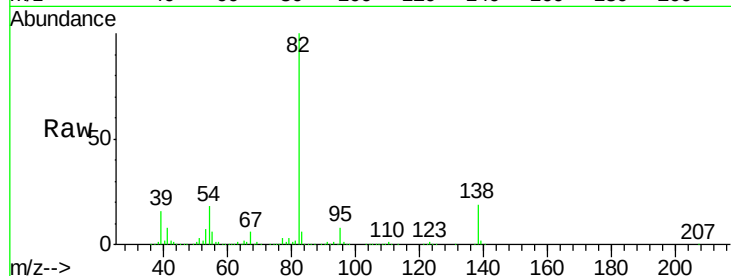
95 8.0 6.6 10.0

138 18.7 13.6 20.4

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 49.54 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

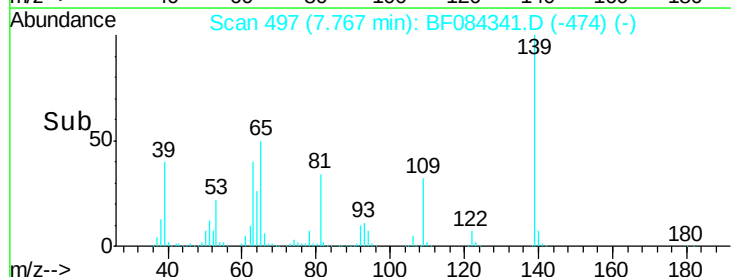
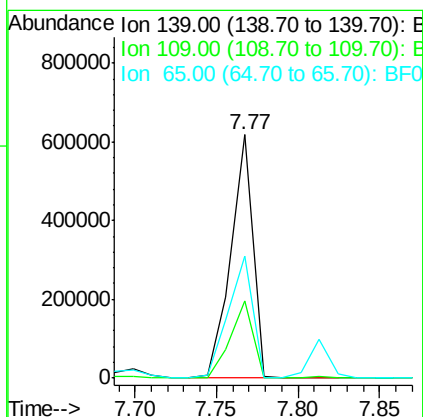
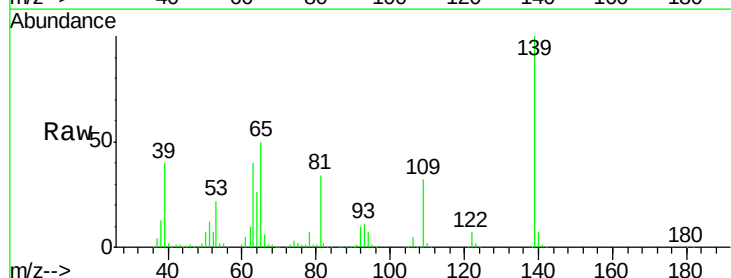
Tgt Ion: 139 Resp: 573530

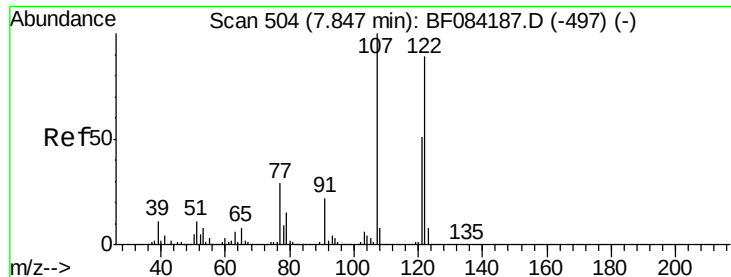
Ion Ratio Lower Upper

139 100

109 31.7 25.4 38.2

65 50.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 32.83 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

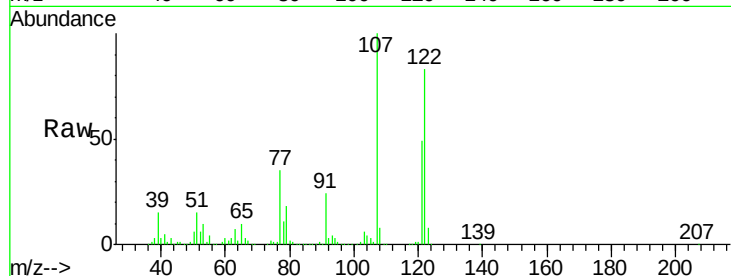
ClientSampleId :

SSTDCCC040

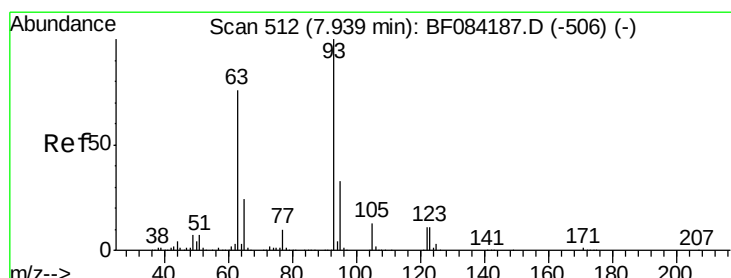
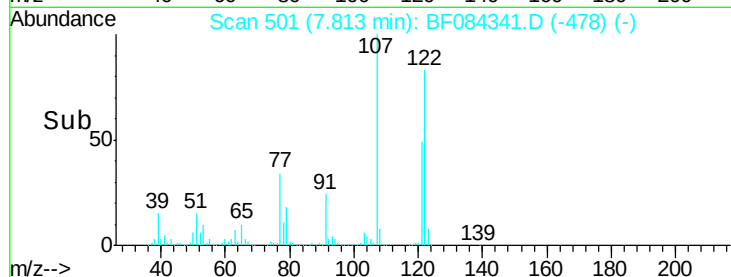
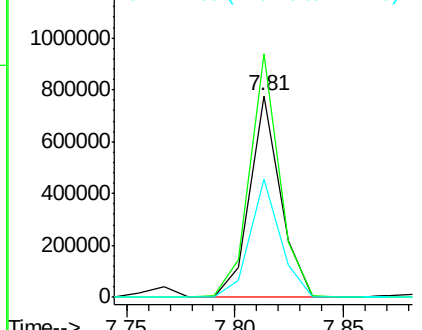
Tot Ion:	122	Resp:	769386
Ion Ratio	Lower	Upper	
122	100		
107	120.9	99.1	148.7
121	58.8	47.9	71.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 41.26 ng

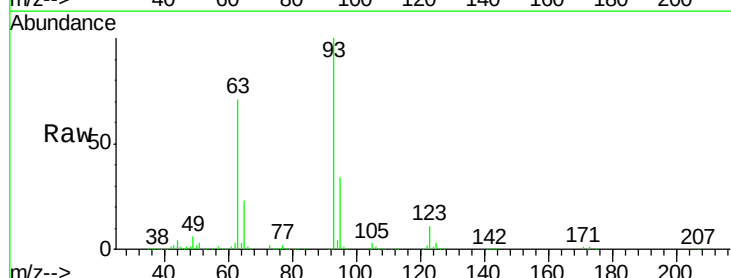
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

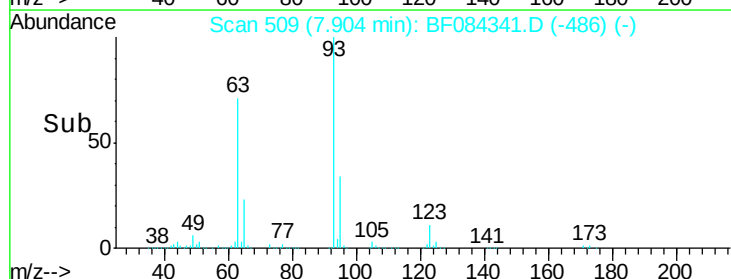
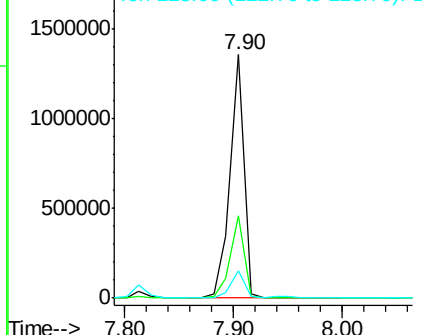
Lab File: BF084341.D

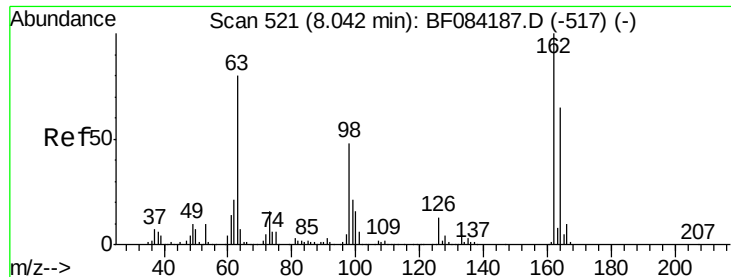
Acq: 8 Jan 2016 22:02

Tgt Ion:	93	Resp:	1208767
Ion Ratio	Lower	Upper	
93	100		
95	34.0	25.8	38.6
123	11.3	8.6	12.8



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





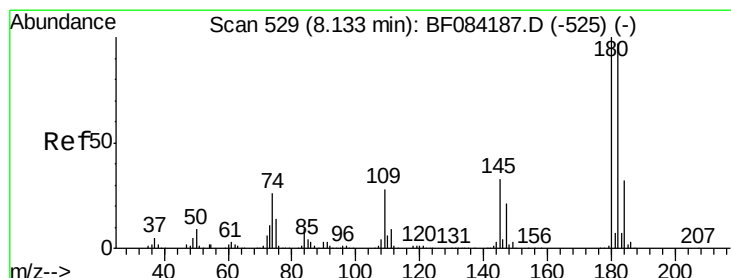
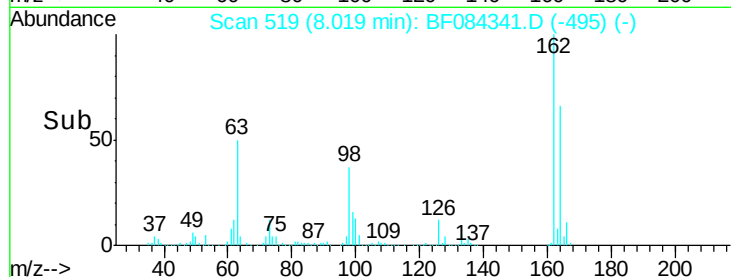
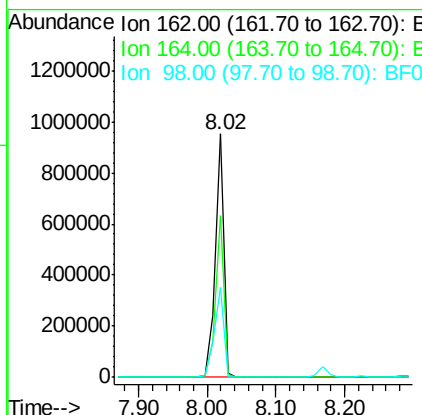
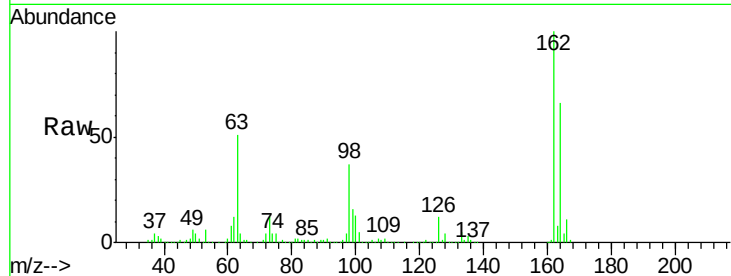
#29
2,4-Dichlorophenol
Concen: 43.30 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.1	84.1
98	36.9	20.2	60.2

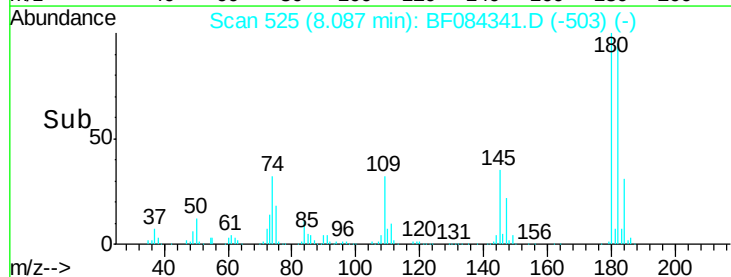
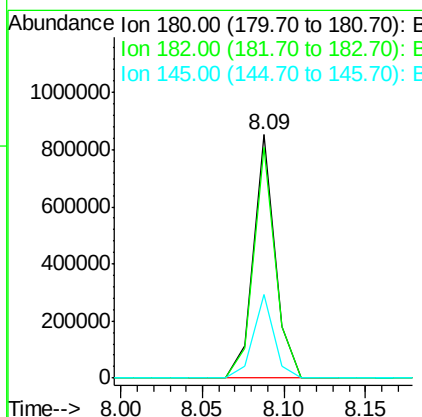
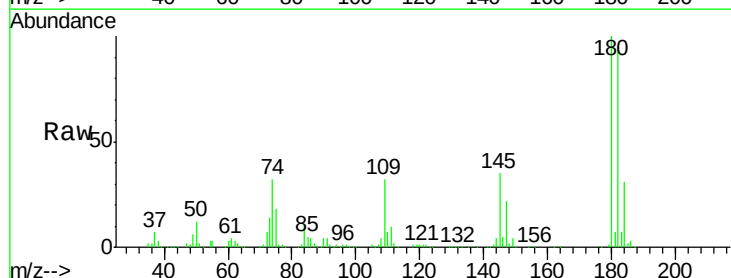
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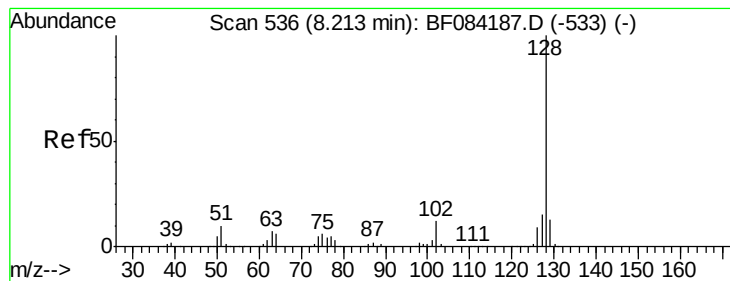
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#30
1,2,4-Trichlorobenzene
Concen: 39.10 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	34.5	31.6	47.4





#31

Naphthalene

Concen: 37.16 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2353263

Ion Ratio Lower Upper

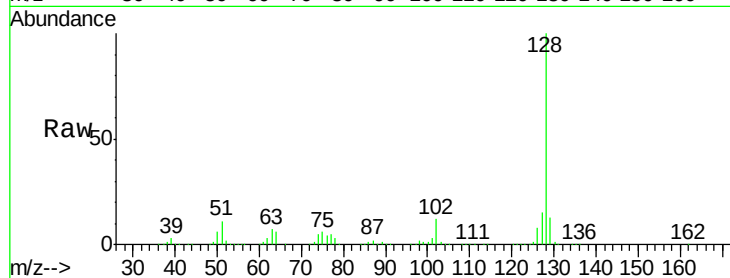
128 100

129 12.8 9.1 13.7

127 14.9 11.1 16.7

Manual Integrations
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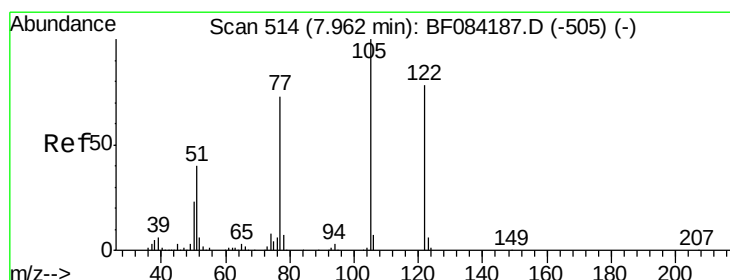
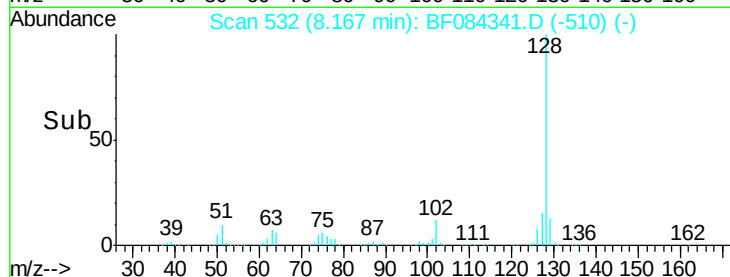
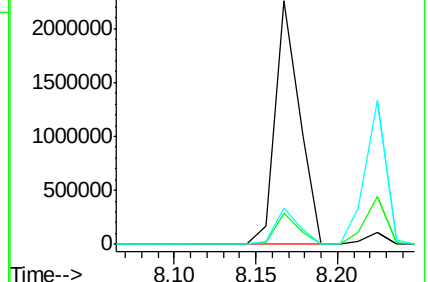
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.23 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

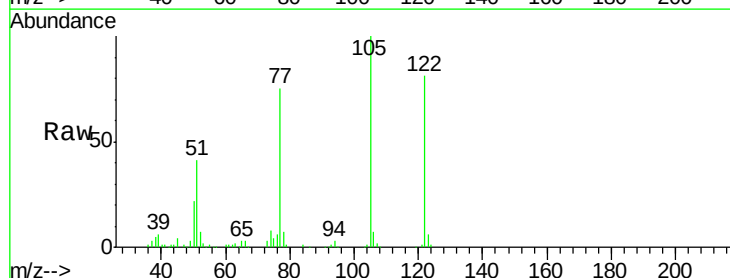
Tgt Ion:122 Resp: 311584

Ion Ratio Lower Upper

122 100

105 122.9 100.3 140.3

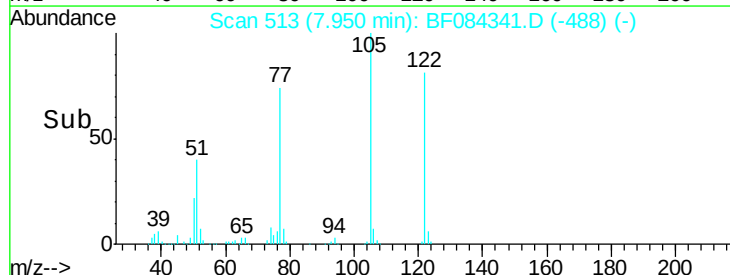
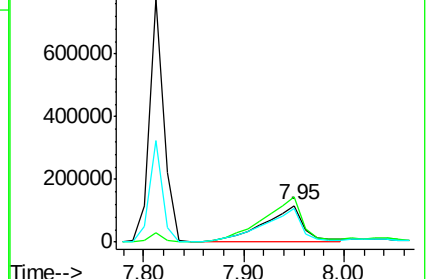
77 91.6 63.5 103.5

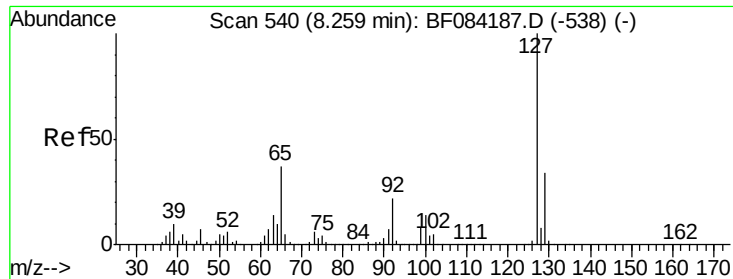


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





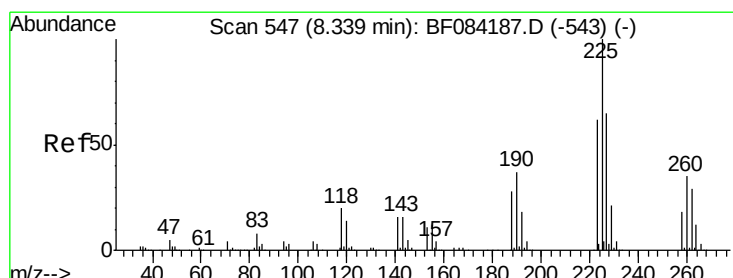
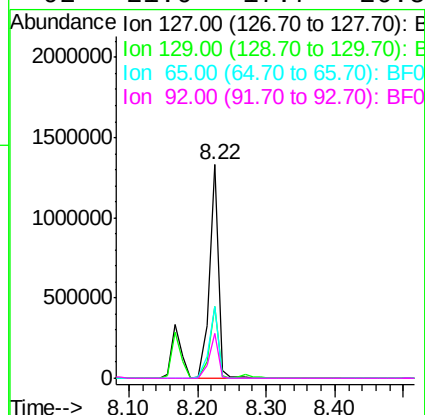
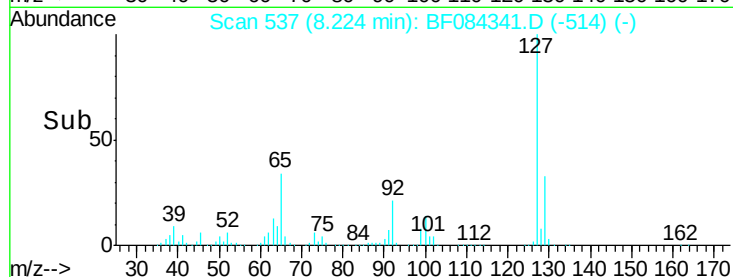
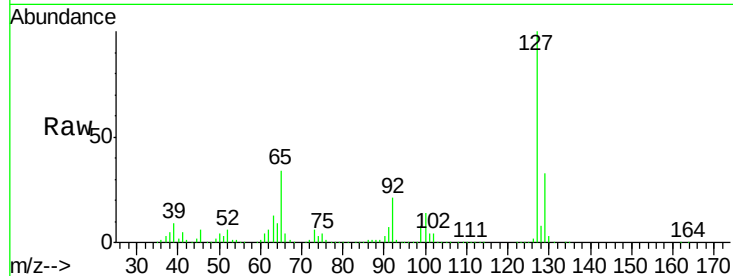
#33
4-Chloroaniline
Concen: 41.21 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.5	39.7		
65	33.7	27.2	40.8		
92	21.0	17.7	26.5		

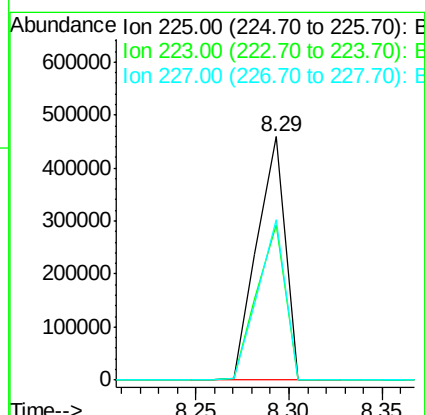
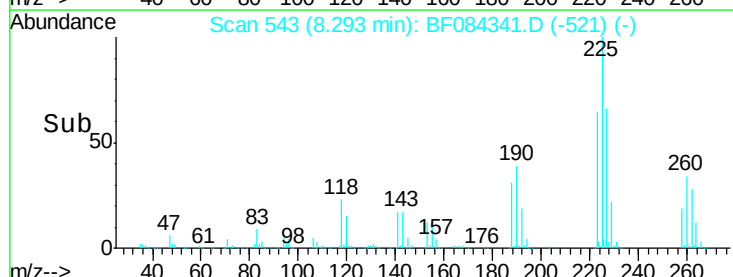
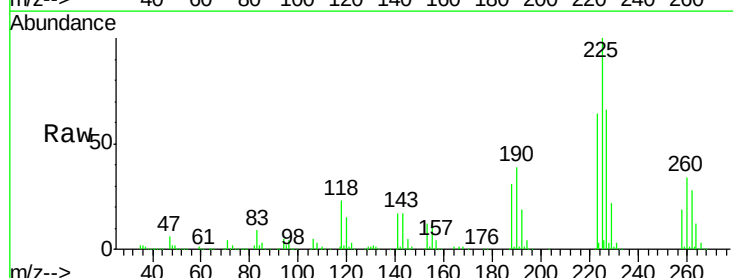
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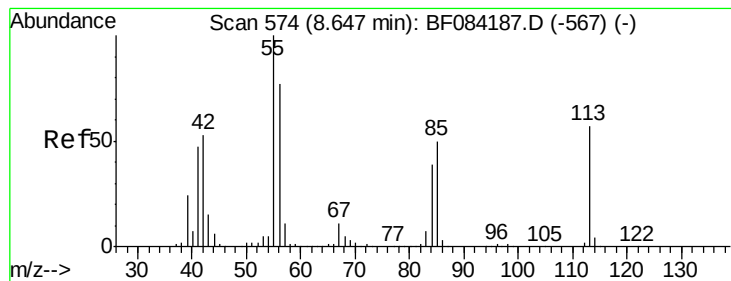
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#34
Hexachlorobutadiene
Concen: 41.55 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.4	74.0		
227	65.7	50.8	76.2		





#35

Caprolactam

Concen: 43.53 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 286468
Ion Ratio Lower Upper

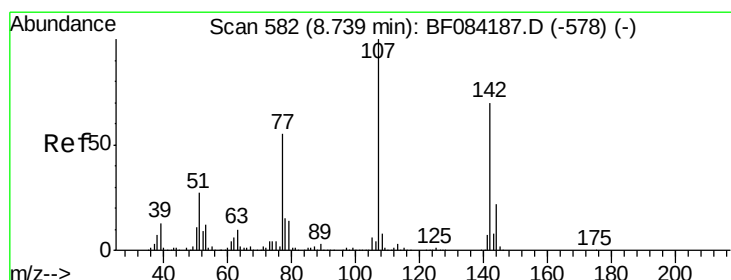
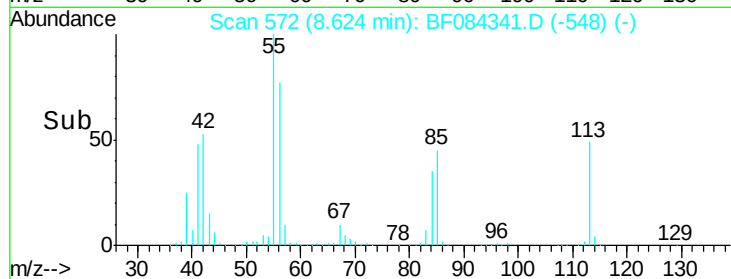
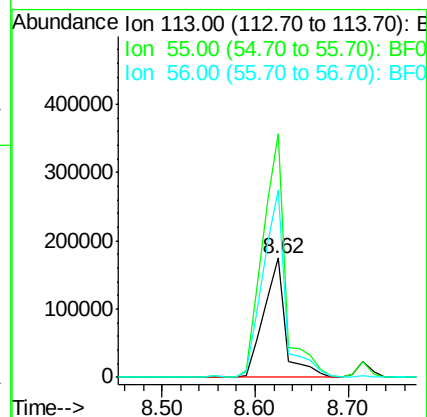
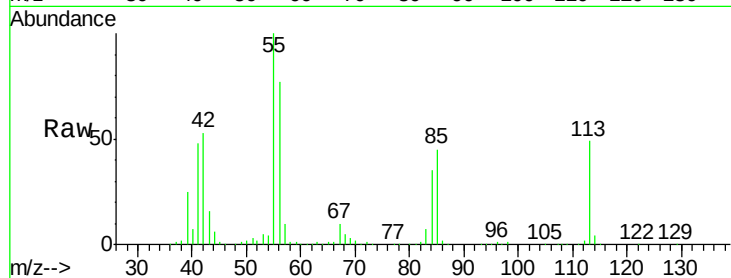
113 100

55 204.5 116.9 156.9#

56 157.5 93.8 133.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 37.11 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084341.D

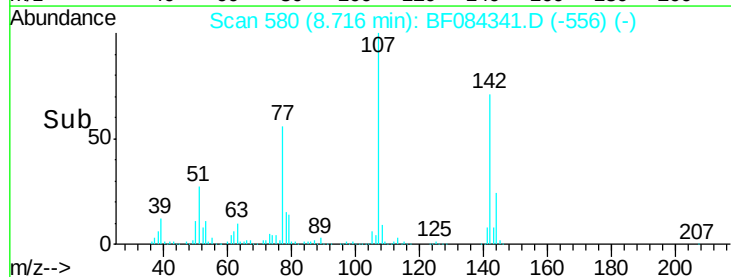
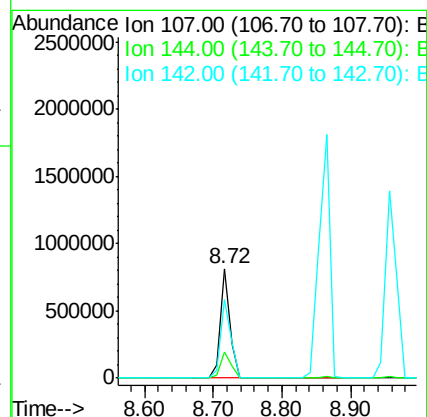
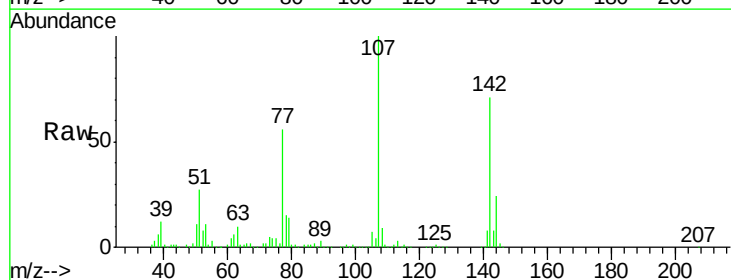
Acq: 8 Jan 2016 22:02

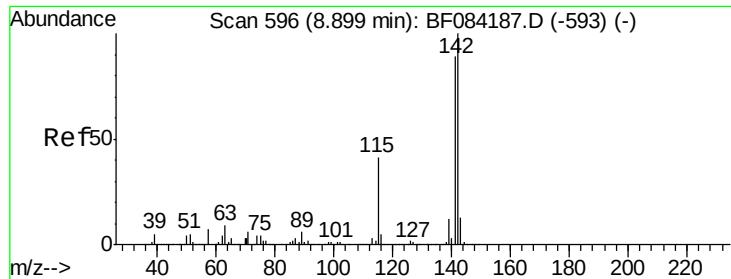
Tgt Ion:107 Resp: 811442
Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

142 71.3 61.8 92.6





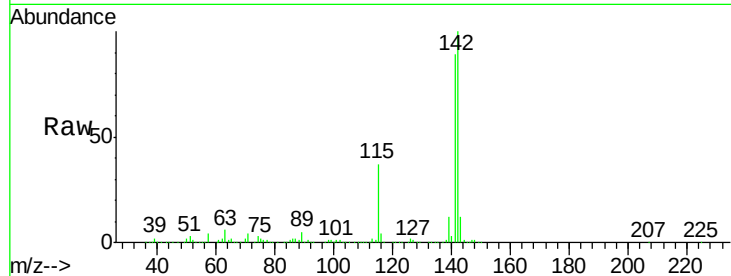
#37
2-Methylnaphthalene
Concen: 41.66 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6
115	37.0	27.9	41.9

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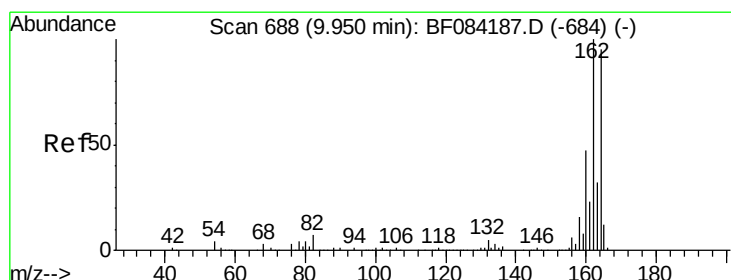
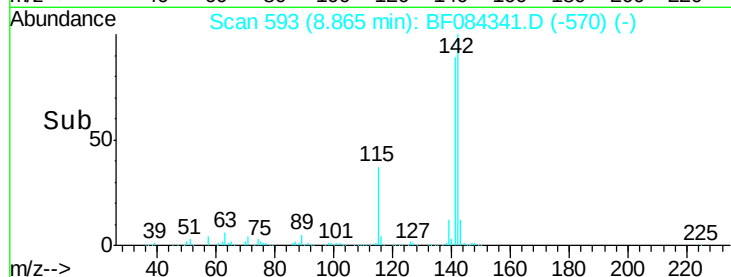
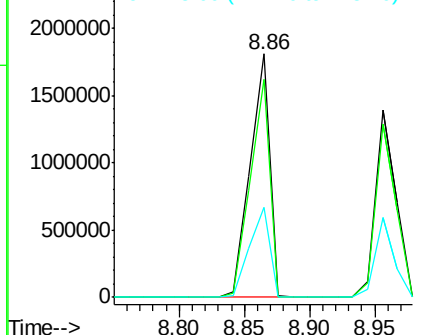


Abundance

Ion 142.00 (141.70 to 142.70): E

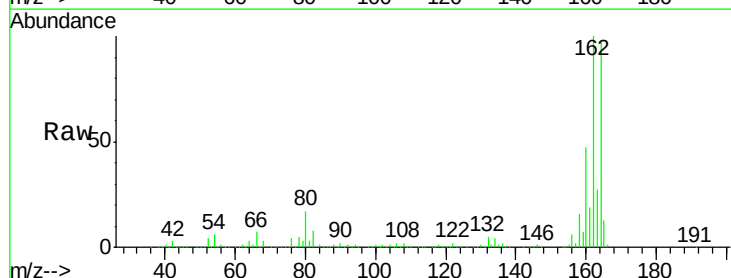
Ion 141.00 (140.70 to 141.70): E

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: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	48.3	37.5	56.3

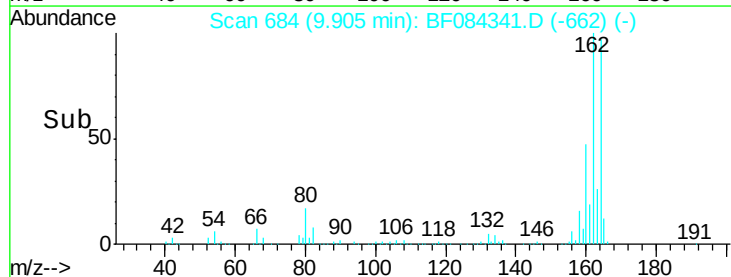
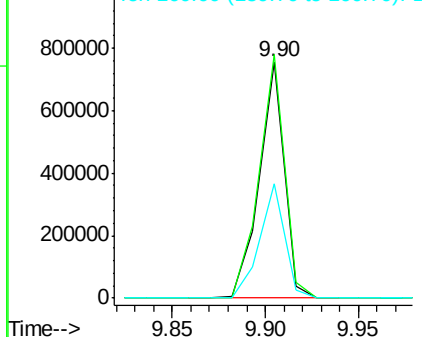


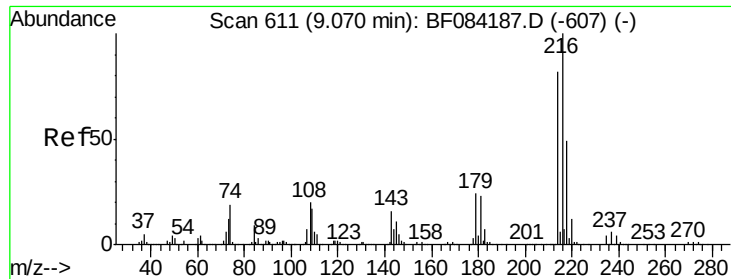
Abundance

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





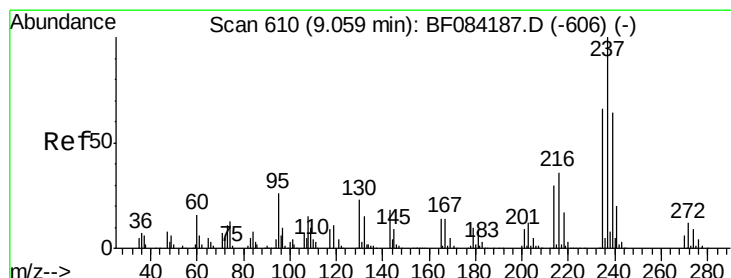
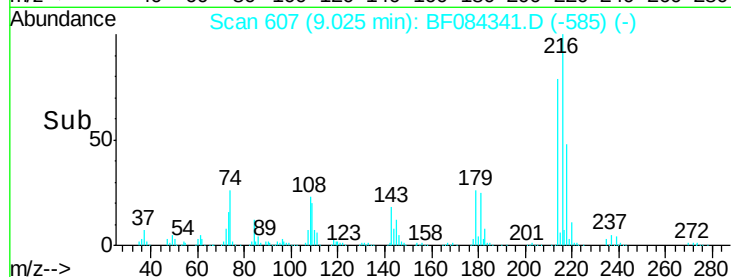
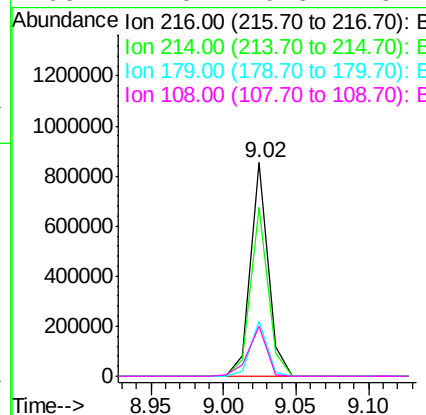
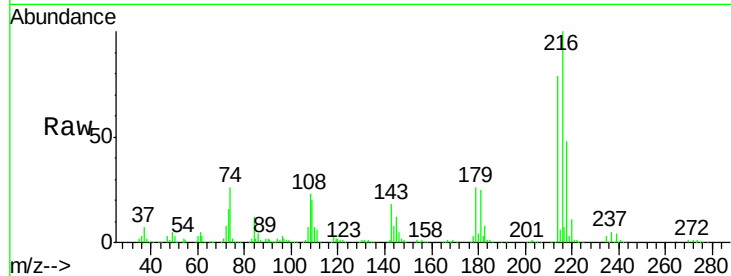
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.16 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		722073		
214	79.0		64.2	96.2	
179	24.8		18.7	28.1	
108	24.3		16.8	25.2	

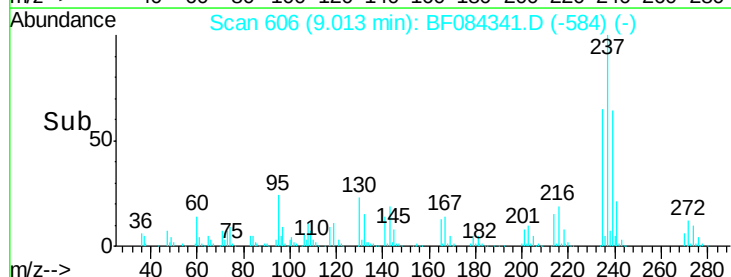
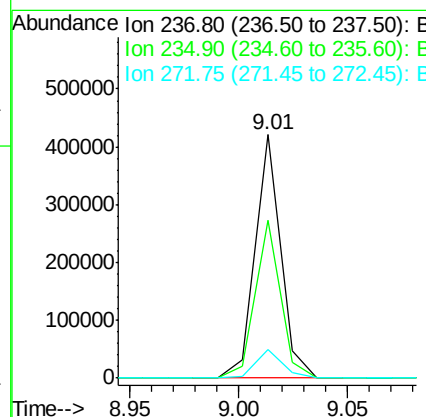
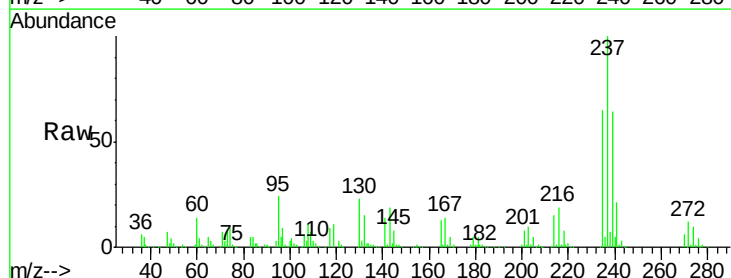
Manual Integrations
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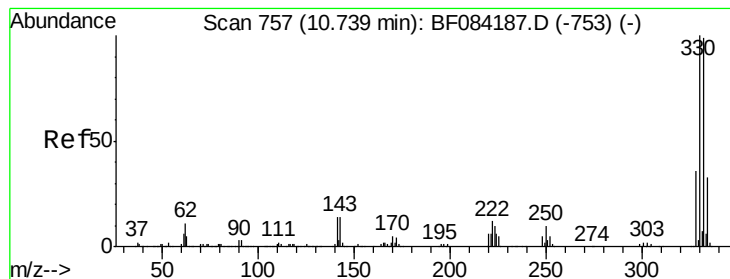
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#40
 Hexachlorocyclopentadiene
 Concen: 28.47 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		343169		
235	64.6		43.1	83.1	
272	11.9		0.0	35.1	





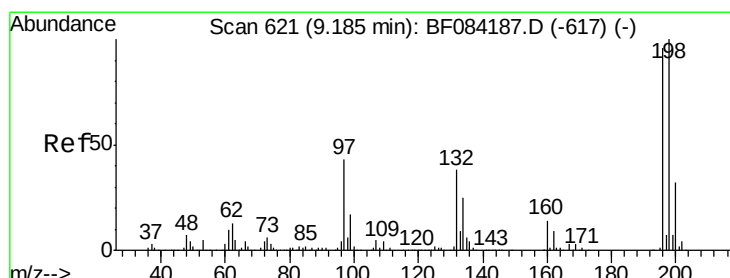
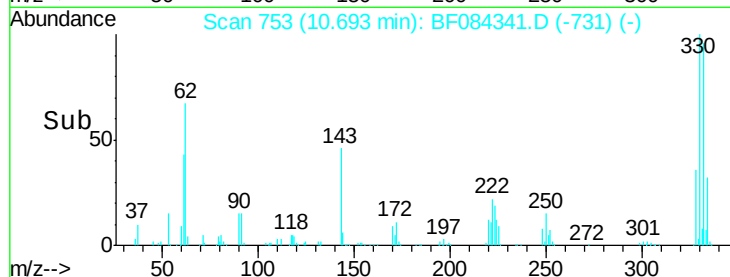
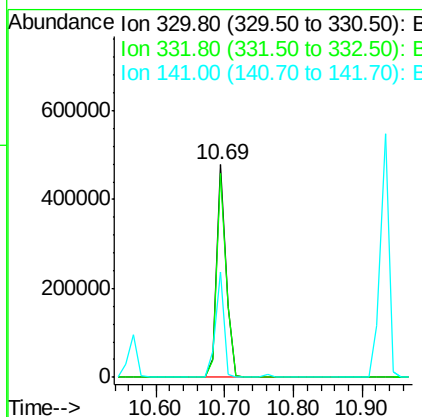
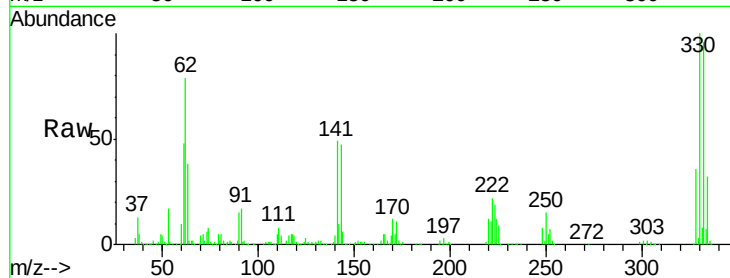
#41
 2,4,6-Tribromophenol
 Concen: 67.66 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	474473		
332	96.9	76.6	114.8	
141	43.9	27.8	41.6#	

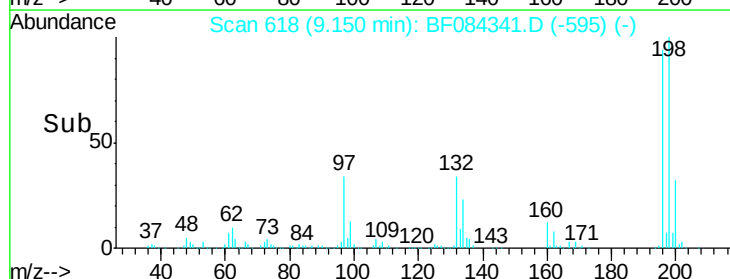
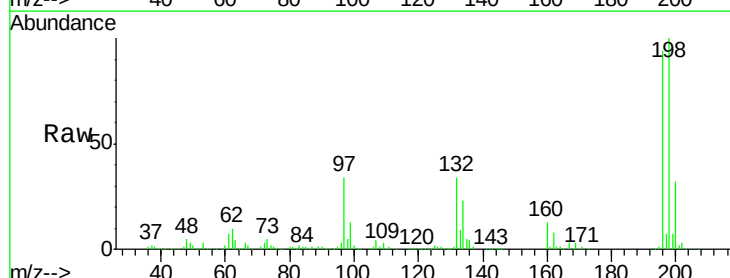
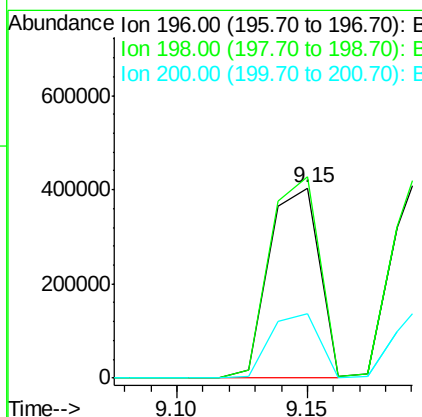
Manual Integrations
 APPROVED

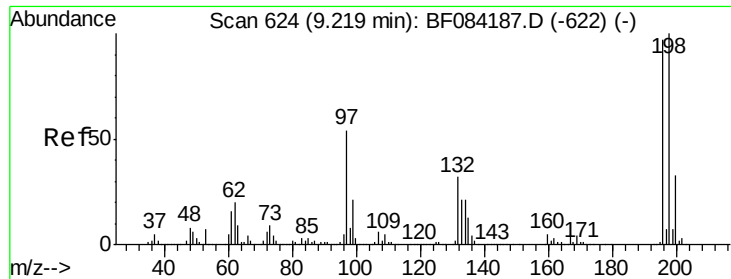
Sohil
 1/10/2016 9:51:40 AM



#42
 2,4,6-Trichlorophenol
 Concen: 36.19 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	540725		
198	106.3	77.7	116.5	
200	34.1	24.6	37.0	





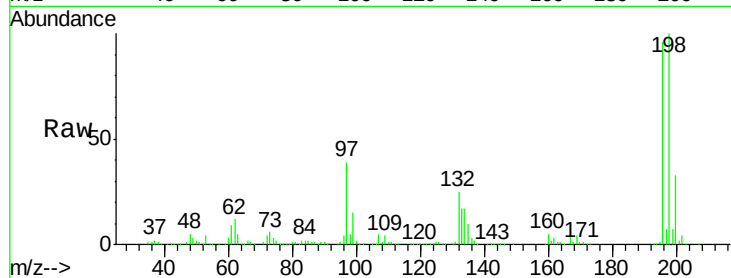
#43
2,4,5-Trichlorophenol
Concen: 40.47 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

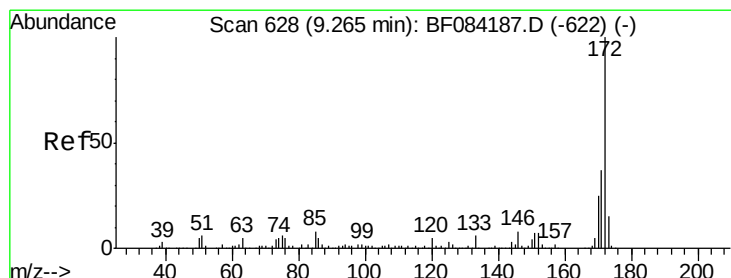
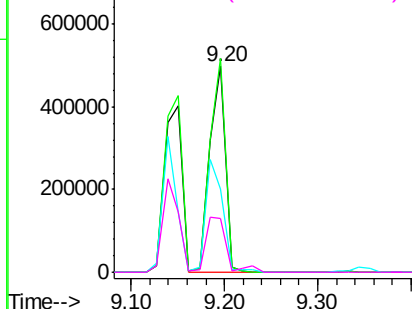
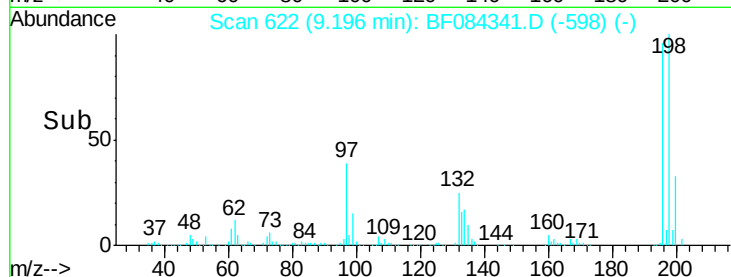
Tot Ion	196	Resp	579643
Ion Ratio	Lower	Upper	
196	100		
198	103.9	79.0	118.6
97	40.4	33.0	49.6
132	26.4	21.1	31.7

Manual Integrations
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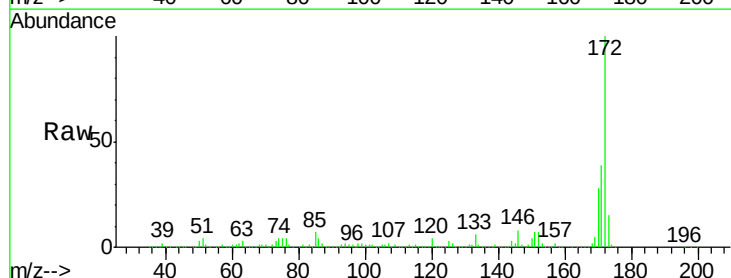


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

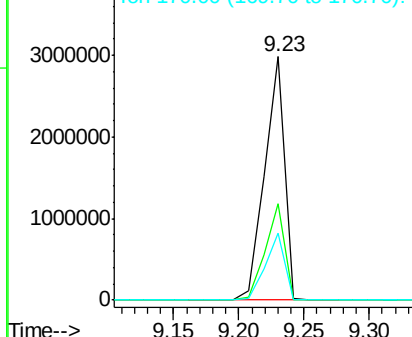
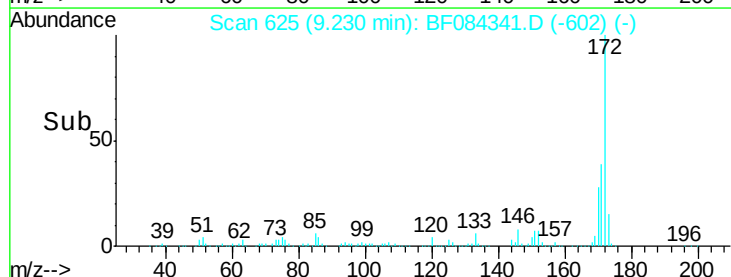


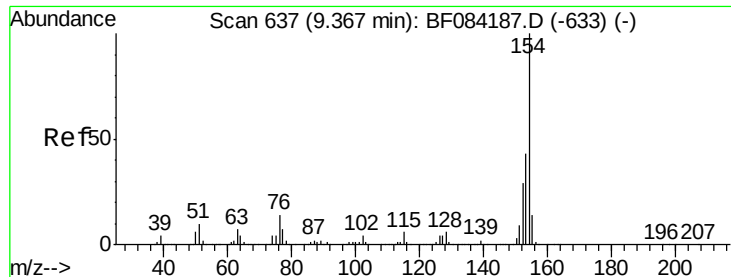
#44
2-Fluorobiphenyl
Concen: 80.04 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	172	Resp	3175160
Ion Ratio	Lower	Upper	
172	100		
171	39.4	28.9	43.3
170	27.7	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: 38.58 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 2130037

Ion Ratio Lower Upper

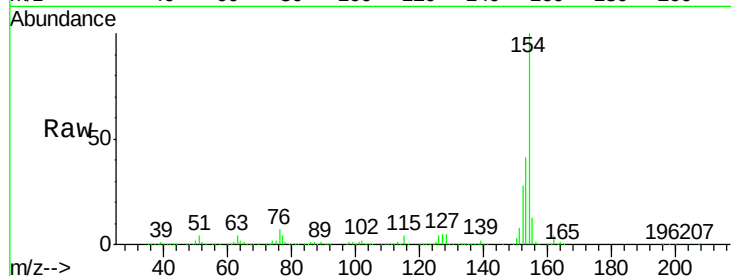
154 100

153 40.7 21.6 61.6

76 6.8 0.0 32.7

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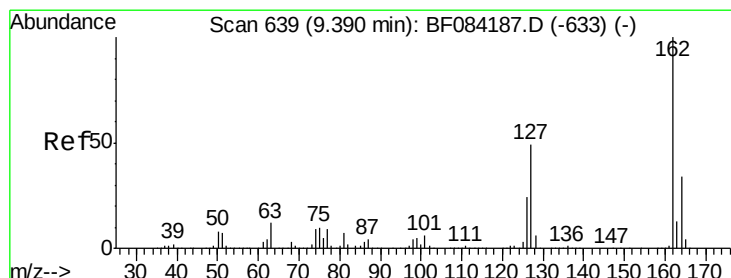
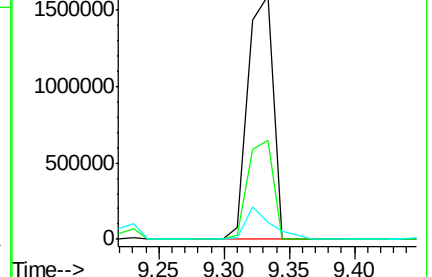
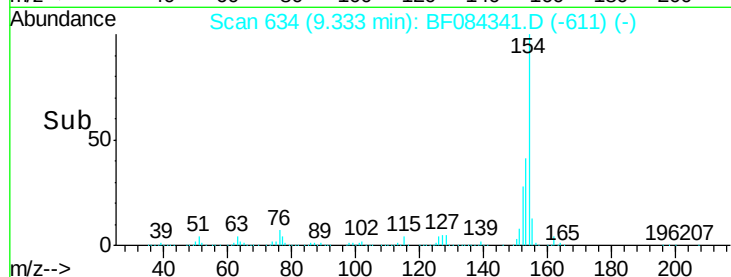
Sohil
1/10/2016 9:51:40 AM



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: 38.06 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

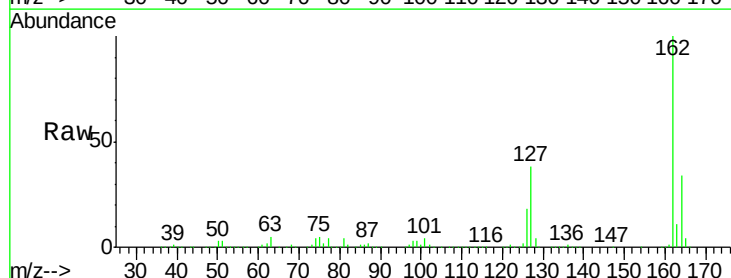
Tgt Ion:162 Resp: 1650524

Ion Ratio Lower Upper

162 100

127 37.5 40.2 60.4#

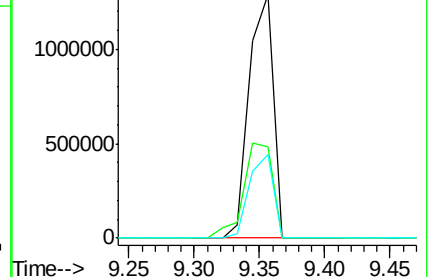
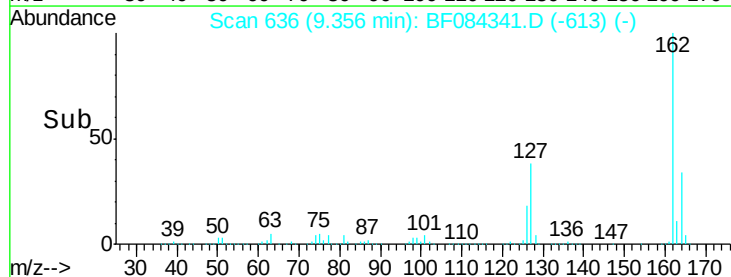
164 34.3 25.7 38.5

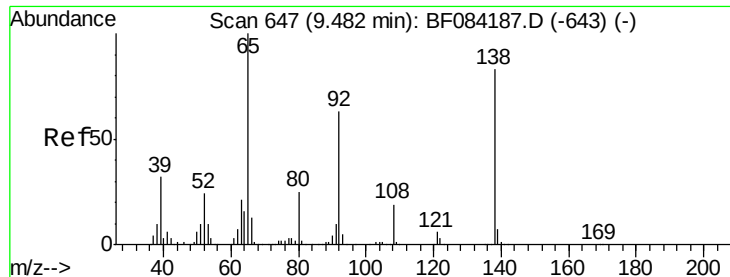


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





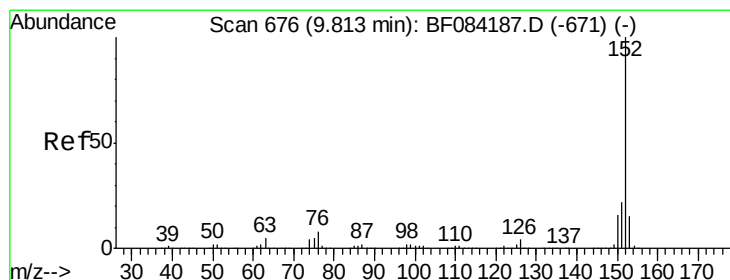
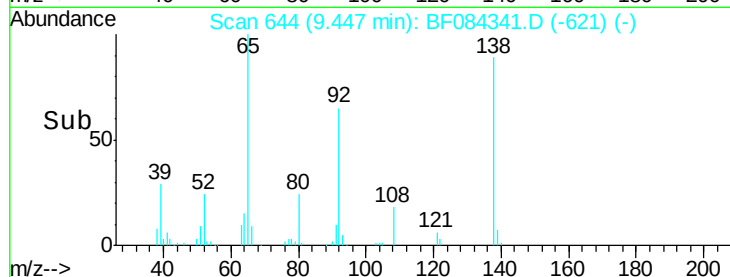
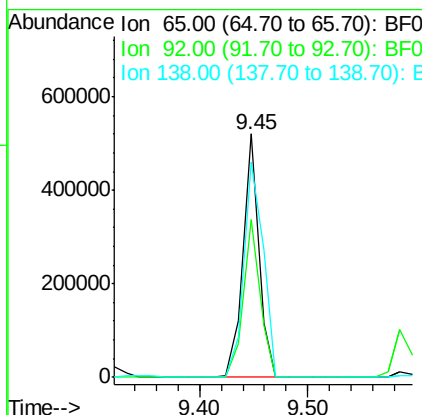
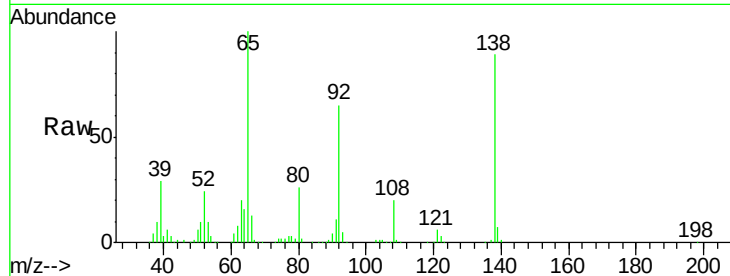
#47
2-Nitroaniline
Concen: 36.77 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.4	80.2
138	88.7	71.1	106.7

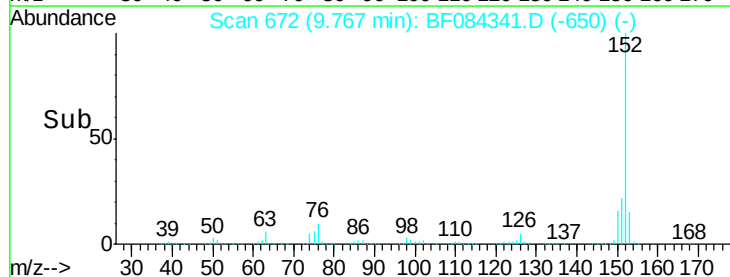
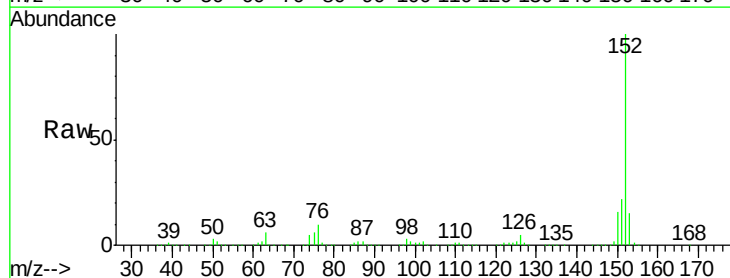
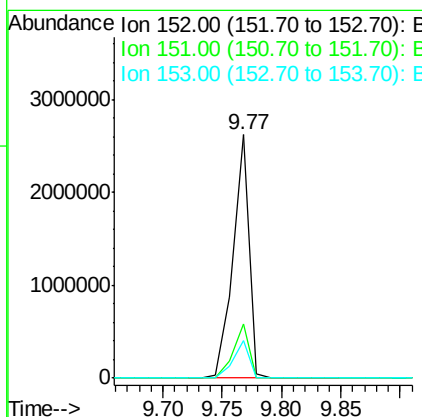
Manual Integrations
APPROVED

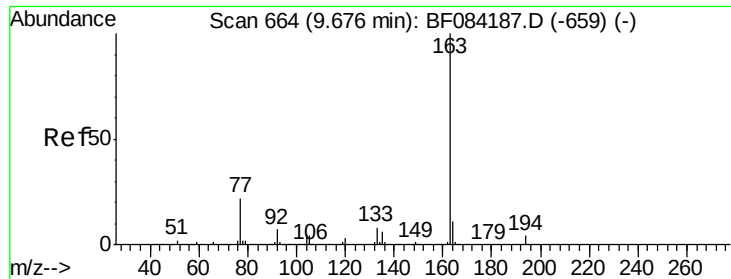
Sohil
1/10/2016 9:51:40 AM



#48
Acenaphthylene
Concen: 38.42 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5
153	15.5	10.4	15.6





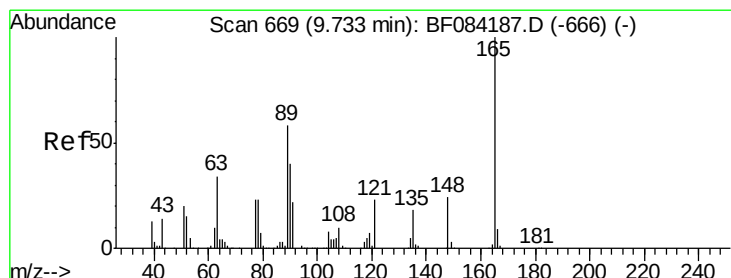
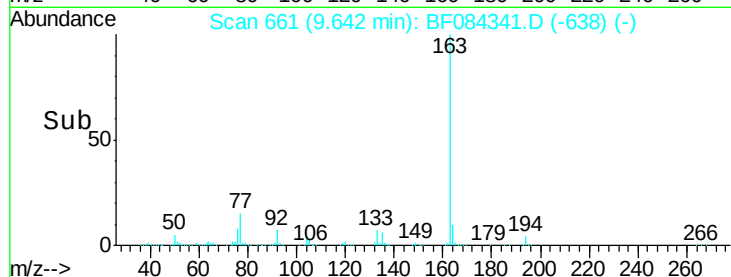
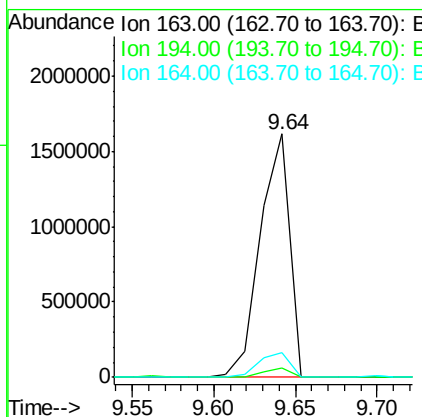
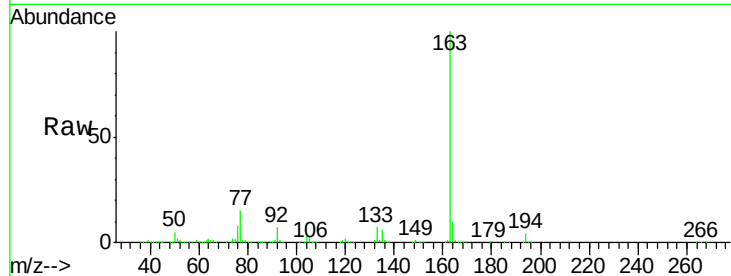
#49
Dimethylphthalate
Concen: 40.85 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 2028387
Ion Ratio Lower Upper
163 100
194 3.8 8.0 12.0#
164 10.2 8.0 12.0

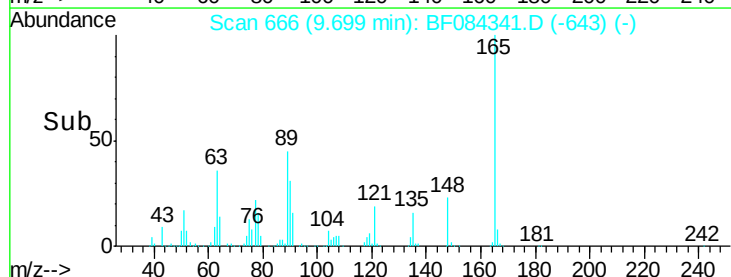
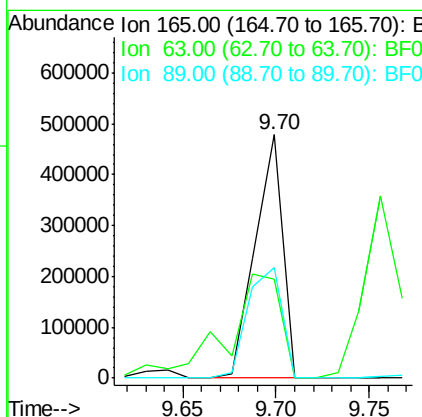
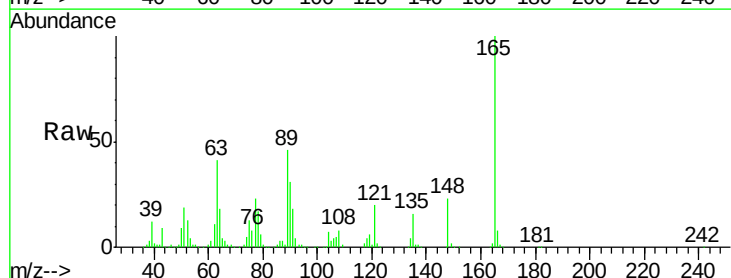
Manual Integrations
APPROVED

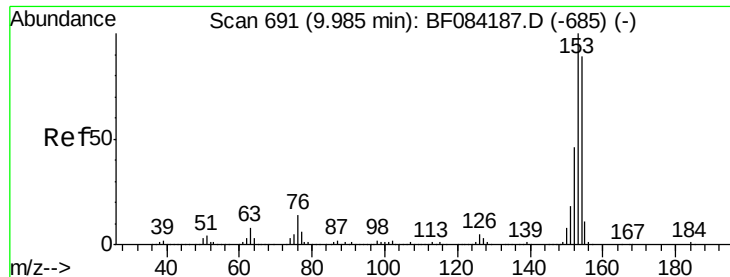
Sohil
1/10/2016 9:51:40 AM



#50
2,6-Dinitrotoluene
Concen: 45.58 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion:165 Resp: 496402
Ion Ratio Lower Upper
165 100
63 40.6 28.8 43.2
89 45.6 35.1 52.7





#51

Acenaphthene

Concen: 37.24 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1600497

Ion Ratio Lower Upper

154 100

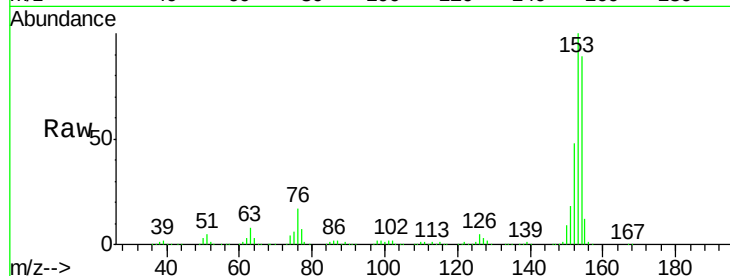
153 112.0 91.5 137.3

152 53.6 43.0 64.6

Manual Integrations
APPROVED

Sohil

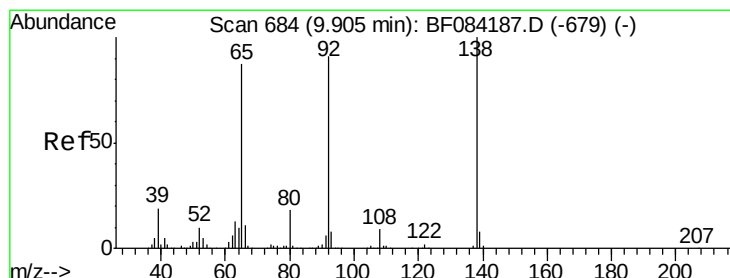
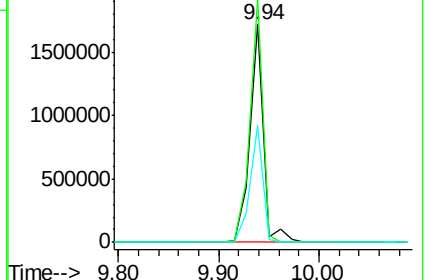
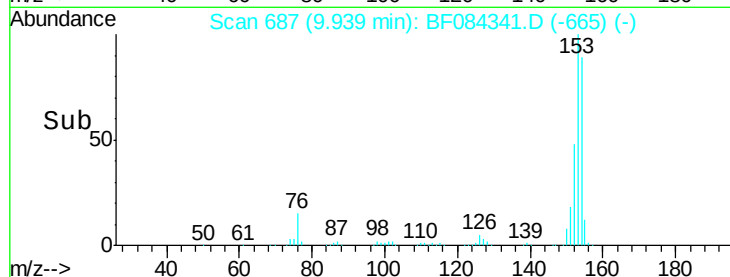
1/10/2016 9:51:40 AM



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: 43.73 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

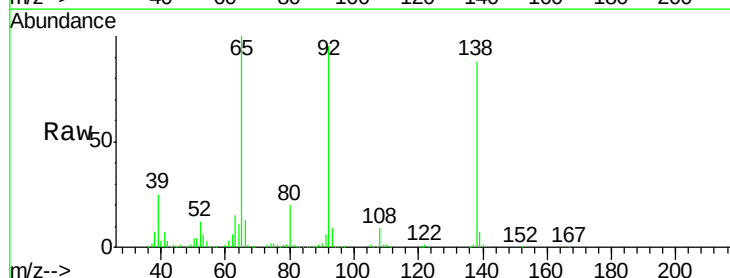
Tgt Ion:138 Resp: 590174

Ion Ratio Lower Upper

138 100

108 10.1 10.5 15.7#

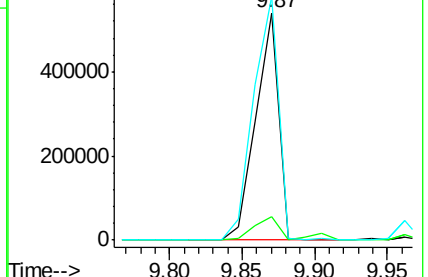
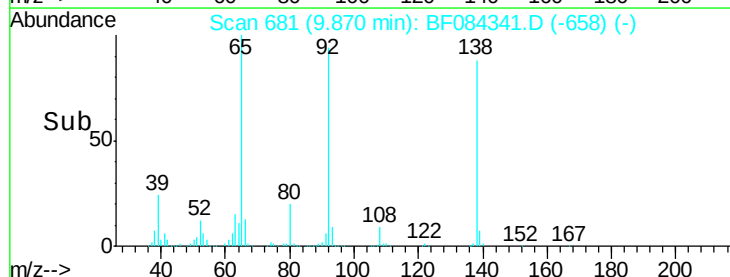
92 107.2 103.9 155.9

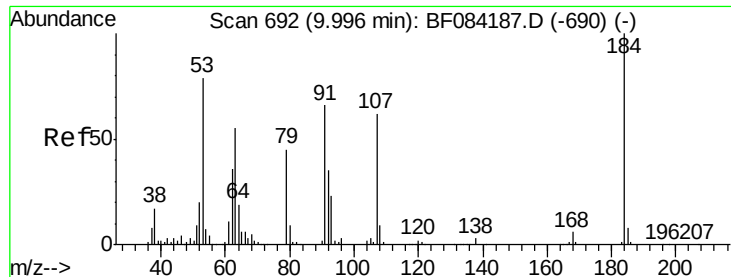


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





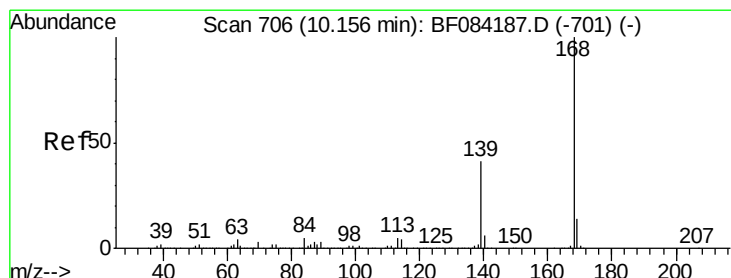
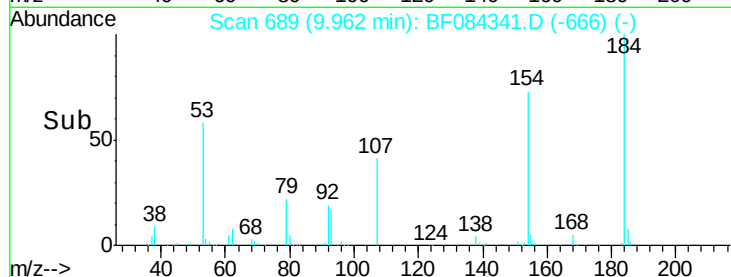
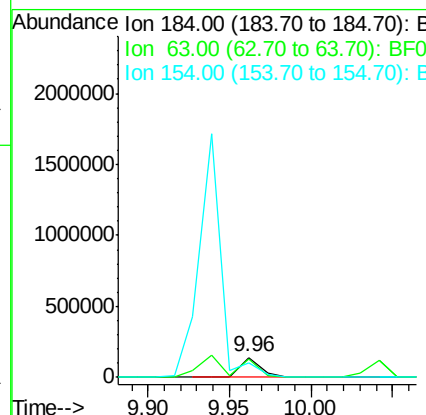
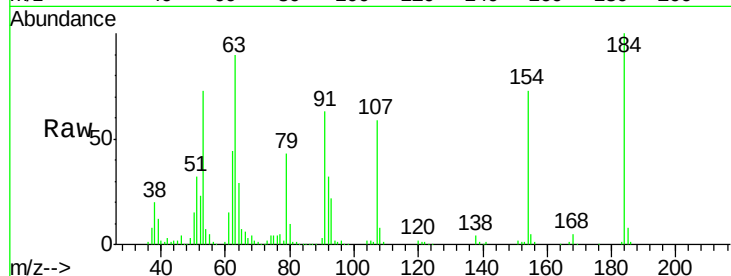
#53
2,4-Dinitrophenol
Concen: 30.07 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.9	43.1	64.7#
154	73.3	60.5	90.7

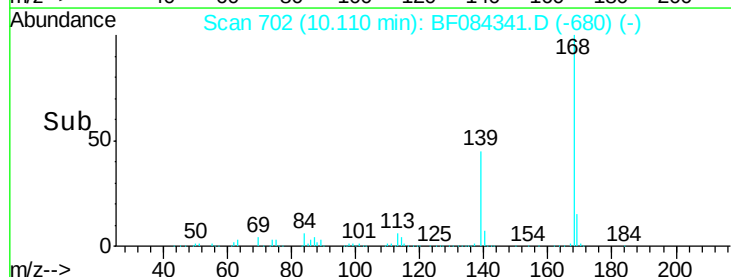
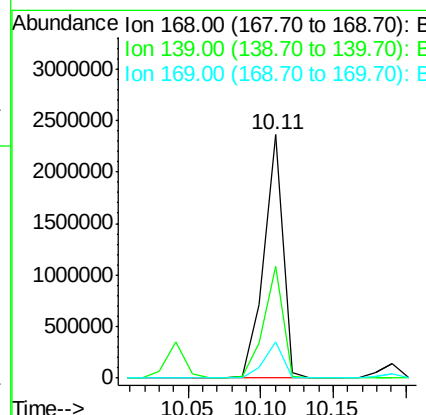
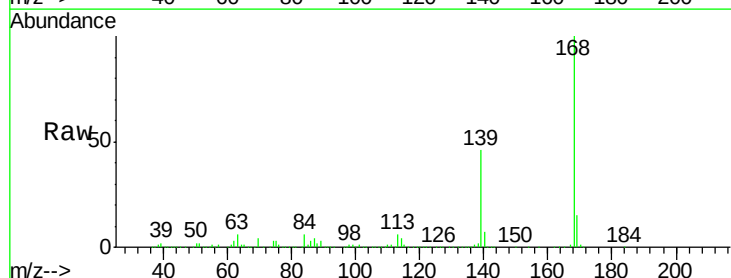
Manual Integrations
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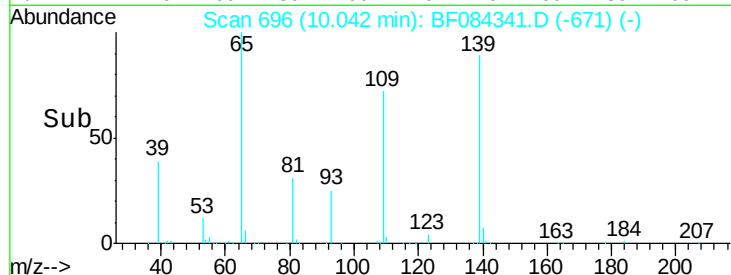
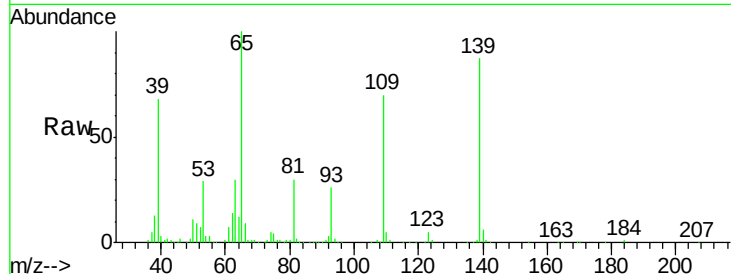
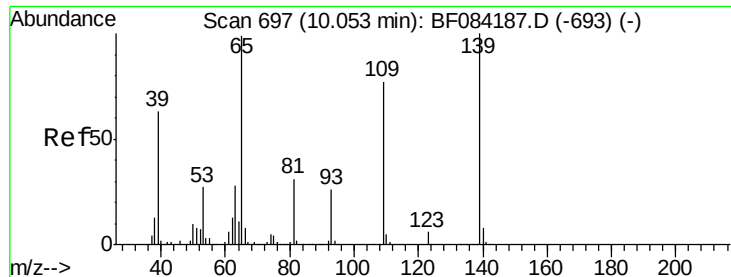
Sohil
1/10/2016 9:51:40 AM



#54
Dibenzofuran
Concen: 38.39 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.9	30.5	45.7#
169	14.8	10.4	15.6





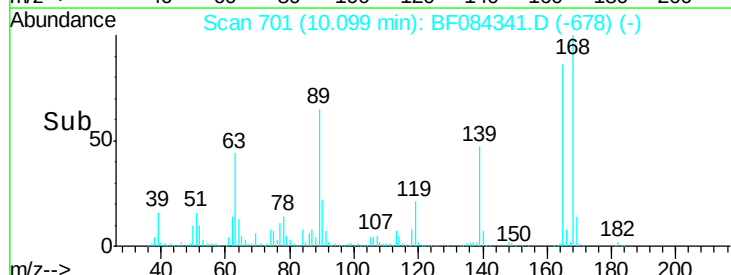
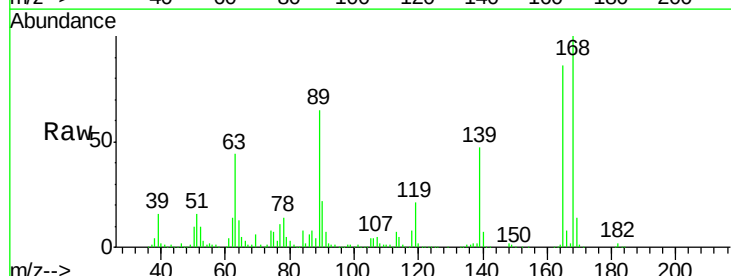
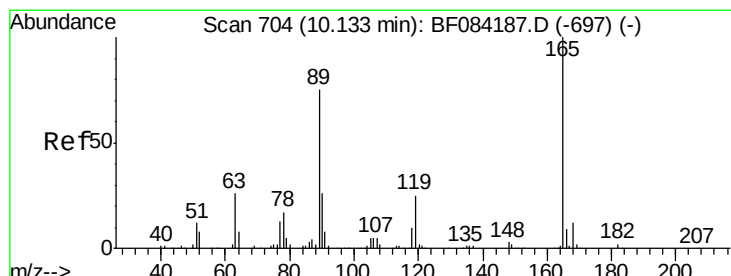
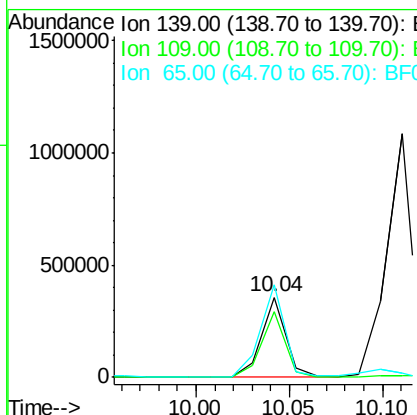
#55
4-Nitrophenol
Concen: 33.05 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	323773		
109	81.4	58.5	98.5	
65	115.6	57.6	97.6	

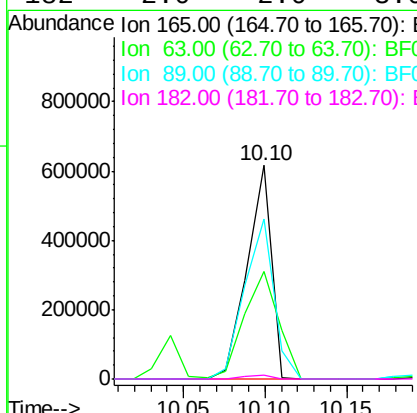
Manual Integrations
APPROVED

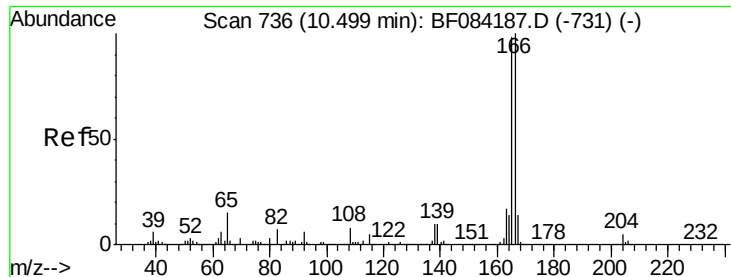
Sohil
1/10/2016 9:51:40 AM



#56
2,4-Dinitrotoluene
Concen: 46.21 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	636969		
63	50.6	36.7	55.1	
89	75.0	61.9	92.9	
182	2.0	2.0	3.0	





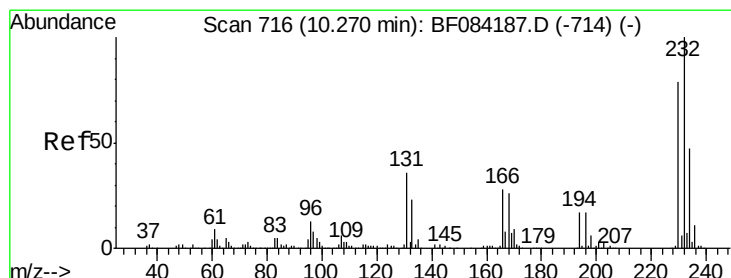
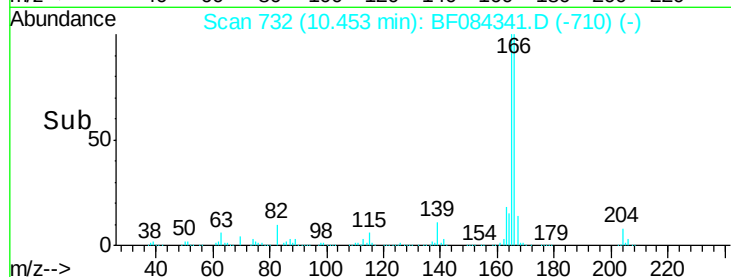
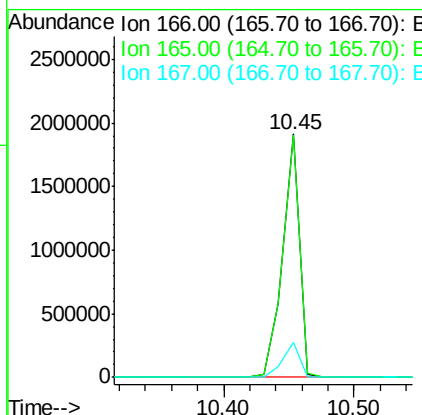
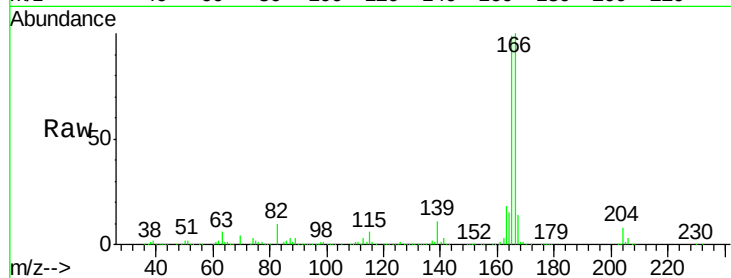
#57
 Fluorene
 Concen: 40.38 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.04 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.5	79.1	118.7	
167	14.5	10.4	15.6	

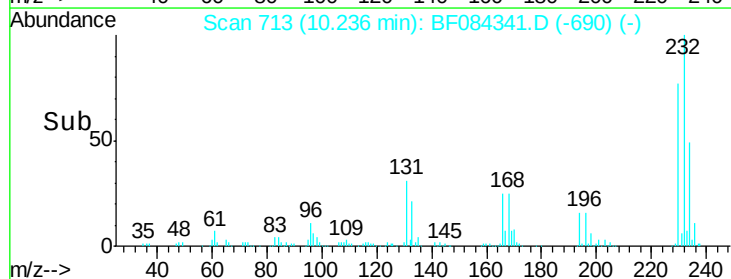
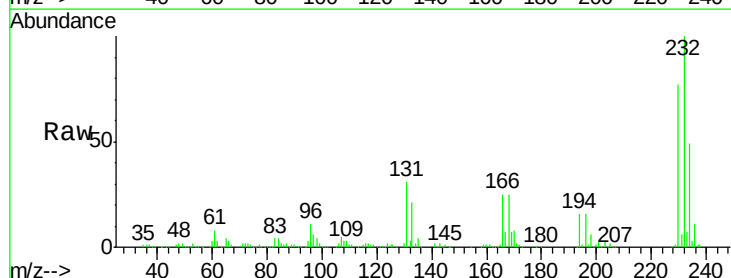
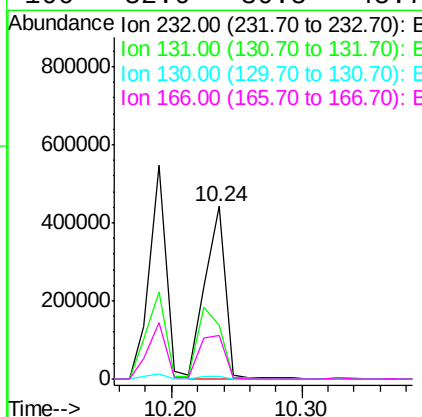
Manual Integrations
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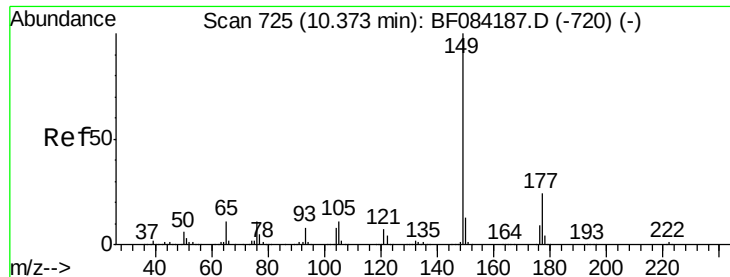
Sohil
 1/10/2016 9:51:40 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.99 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
232	100			
131	48.0	47.0	70.6	
130	2.2	2.0	3.0	
166	32.0	30.5	45.7	





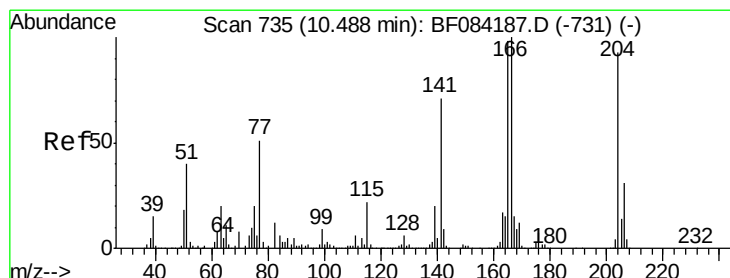
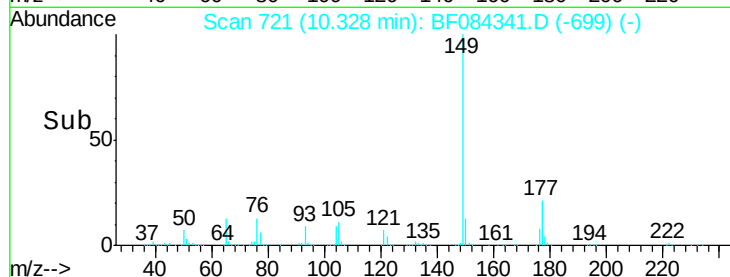
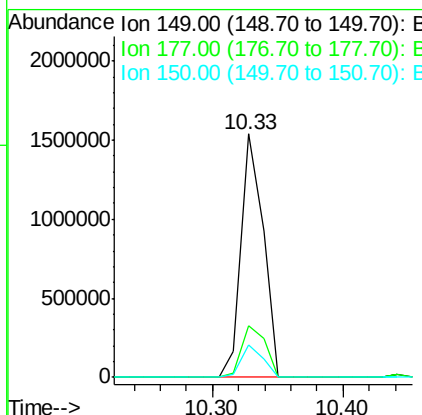
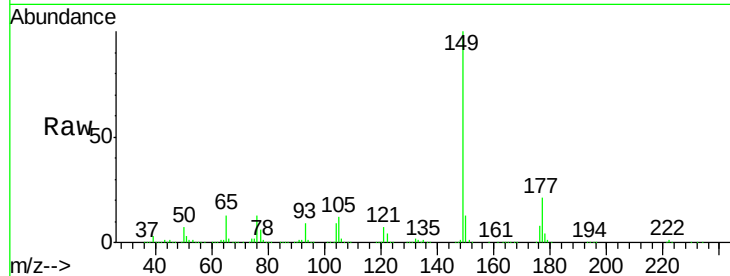
#59
Diethylphthalate
Concen: 36.91 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.3	25.9
150	13.4	9.8	14.8

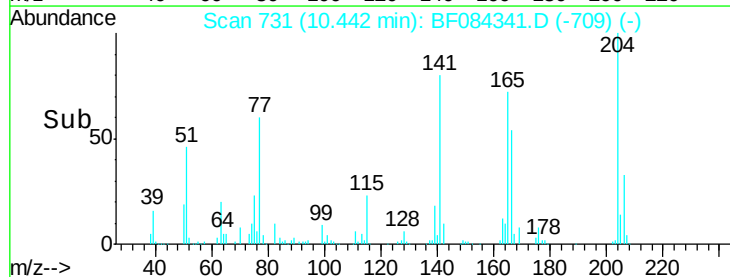
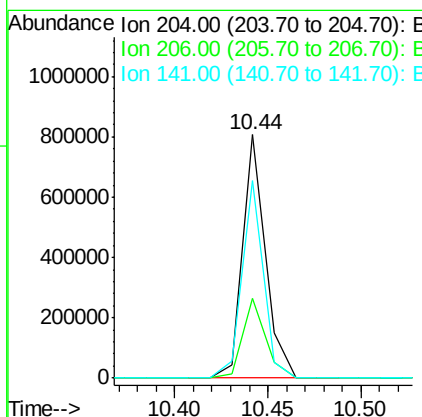
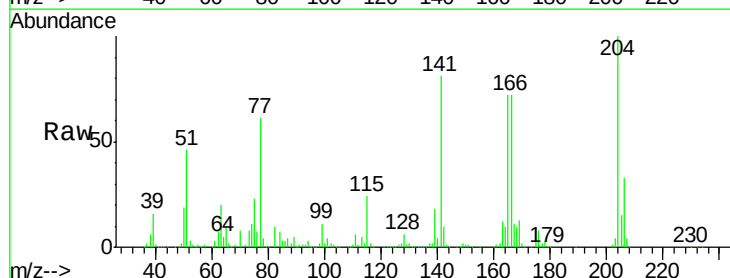
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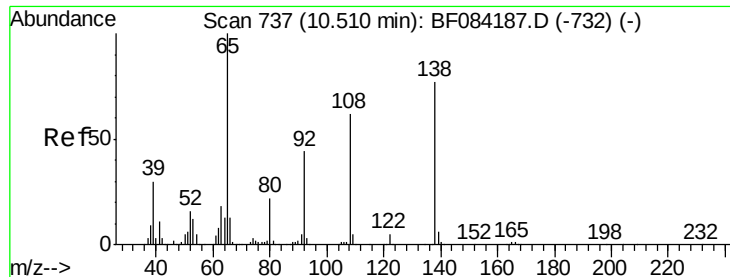
Sohil
1/10/2016 9:51:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 36.45 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	80.9	55.1	82.7





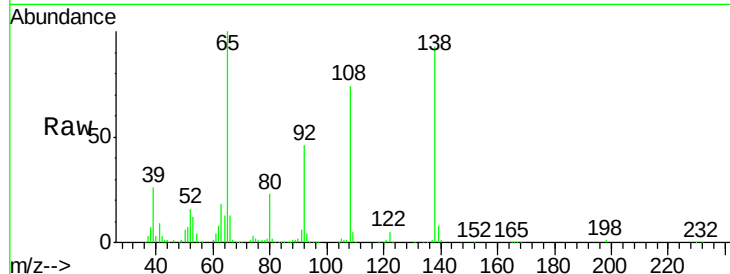
#61
4-Nitroaniline
Concen: 44.59 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

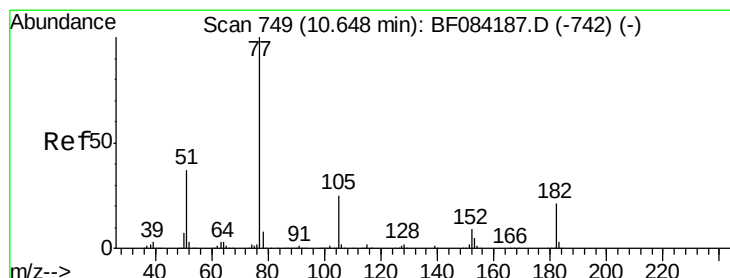
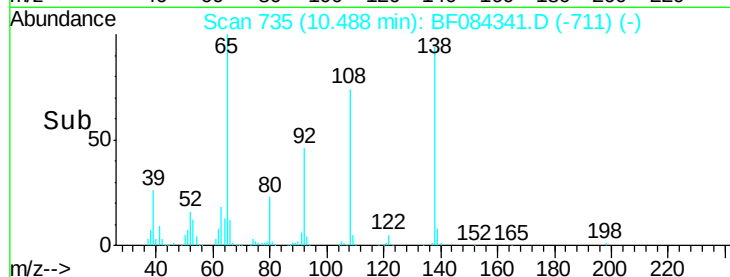
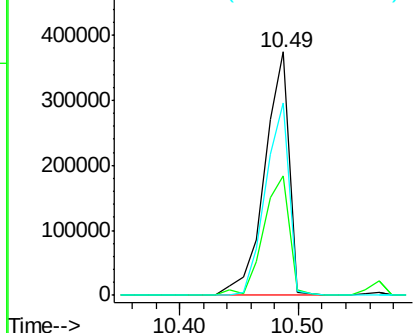
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	32.6	72.6
108	79.0	68.6	108.6

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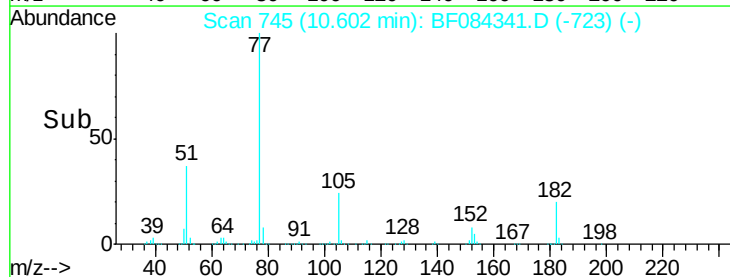
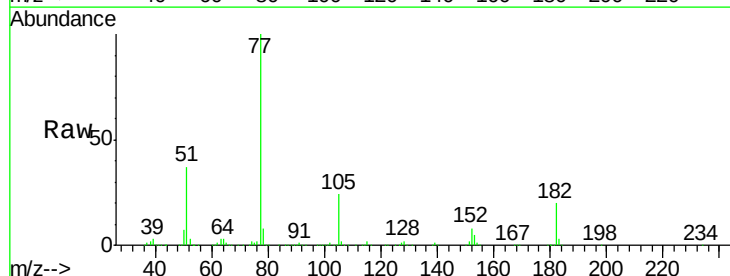
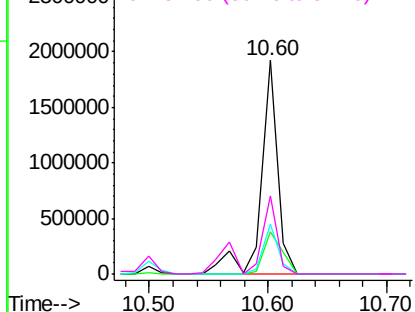
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

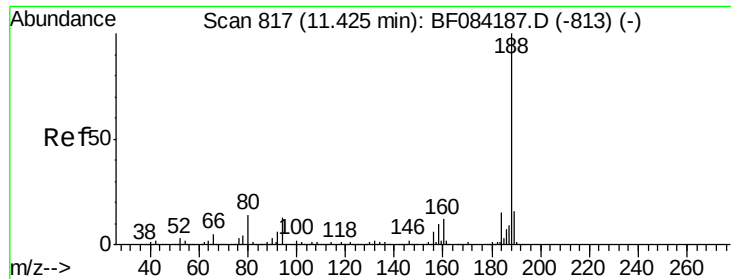


#62
Azobenzene
Concen: 35.11 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	8.3	48.3
105	23.6	4.6	44.6
51	36.8	6.2	46.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





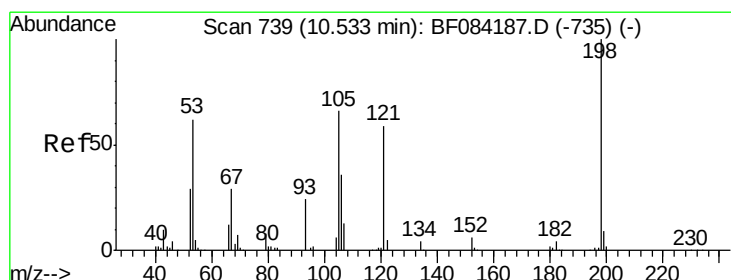
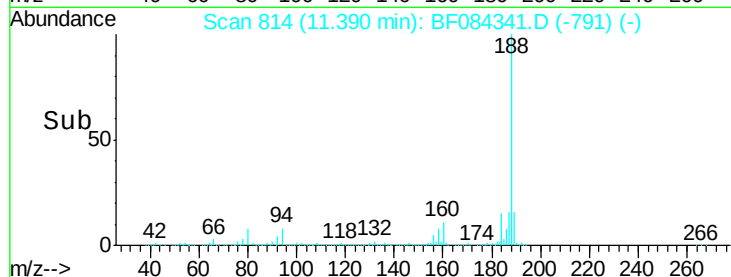
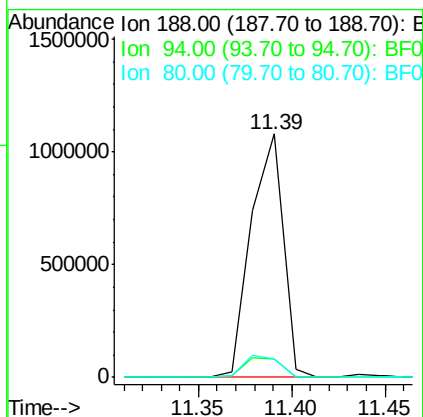
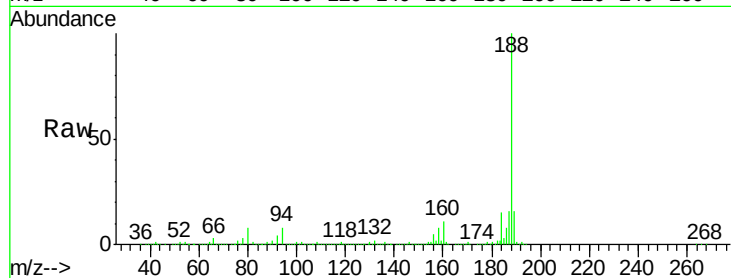
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	7.5	9.6	14.4#

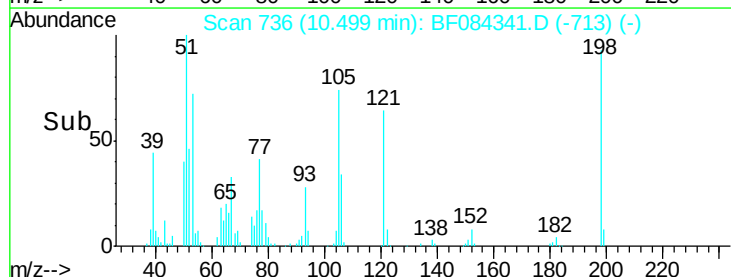
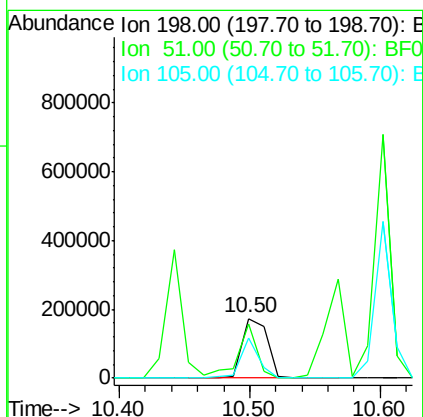
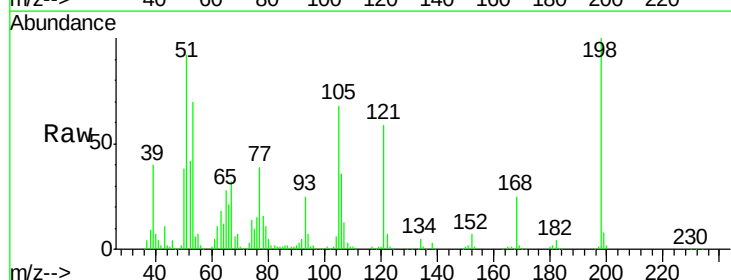
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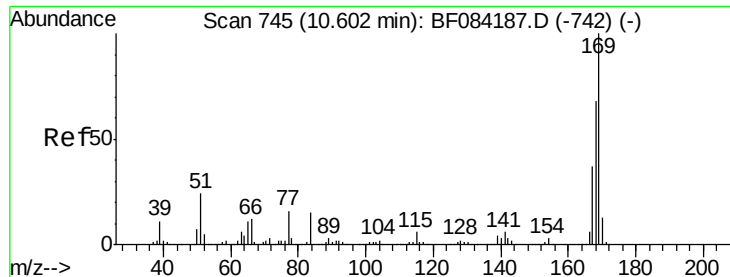
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.48 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	91.9	18.9	58.9#
105	68.3	26.4	66.4#





#65

n-Nitrosodiphenylamine

Concen: 36.01 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1486856

Ion Ratio Lower Upper

169 100

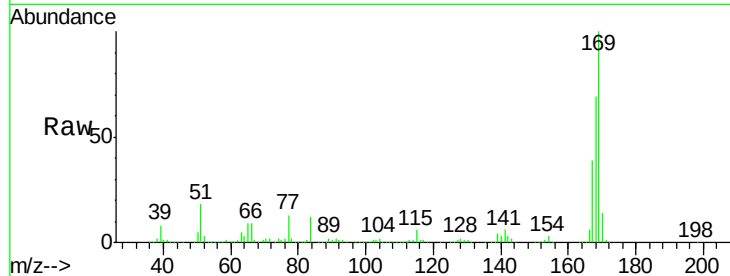
168 69.0 55.1 82.7

167 38.9 30.0 45.0

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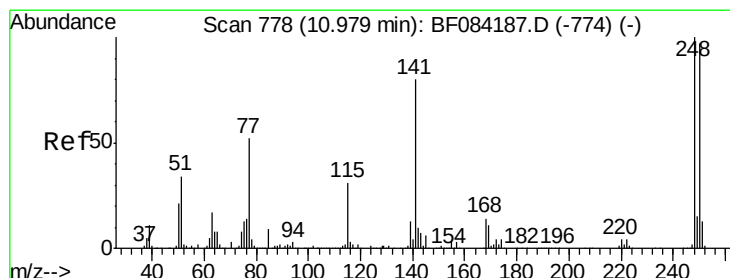
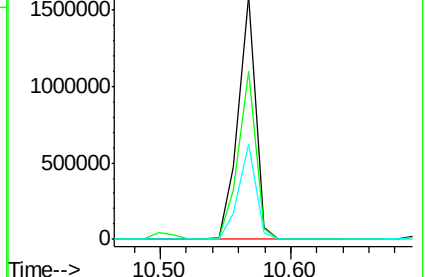
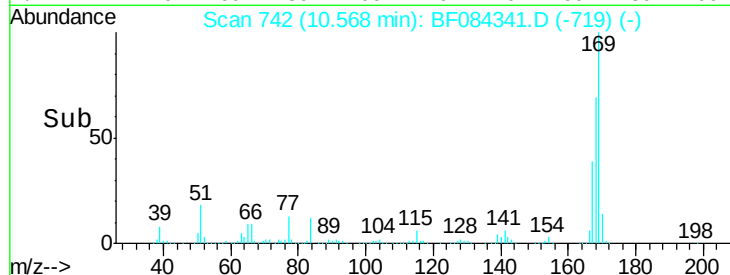
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.71 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

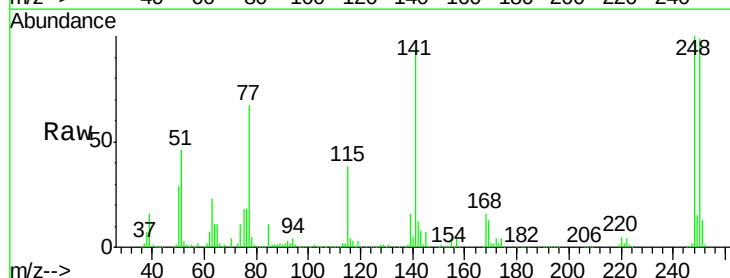
Tgt Ion:248 Resp: 496476

Ion Ratio Lower Upper

248 100

250 98.6 78.4 117.6

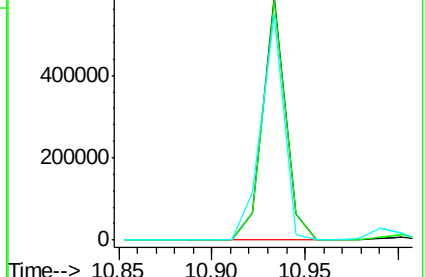
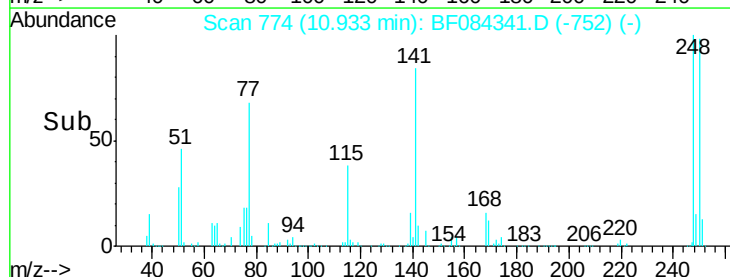
141 92.6 44.0 66.0#

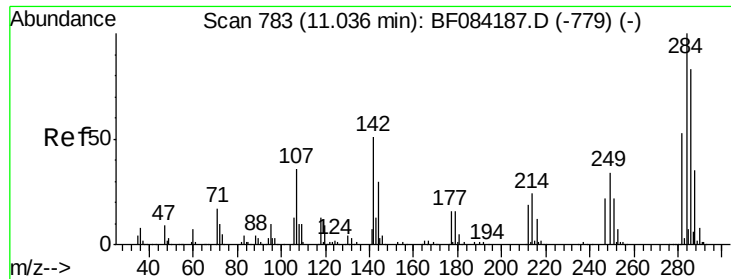


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





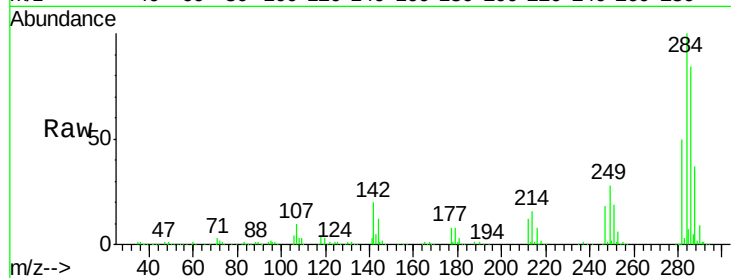
#67
Hexachlorobenzene
Concen: 39.37 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

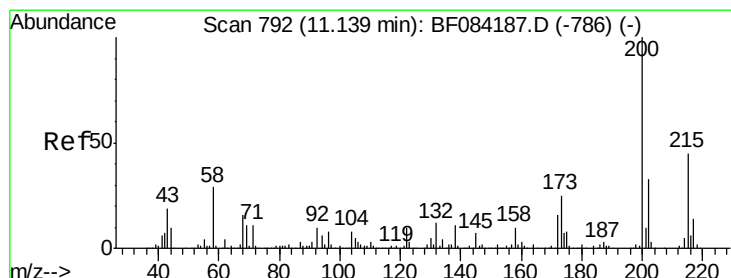
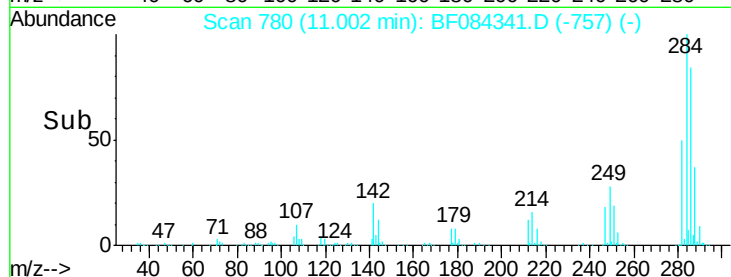
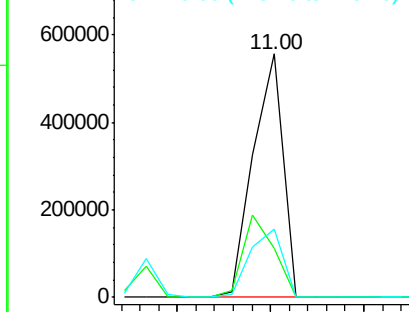
Tot Ion	Ratio	Resp	Lower	Upper
284	100	615916		
142	20.1		22.2	33.4#
249	28.1		24.6	37.0

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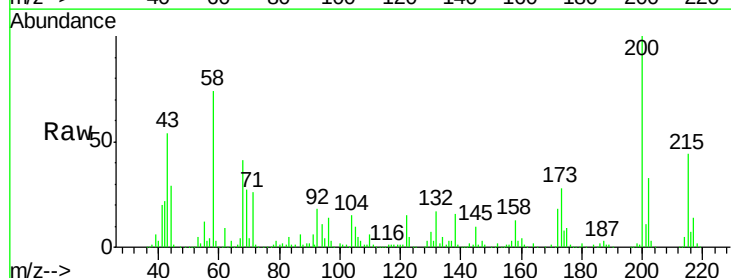


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

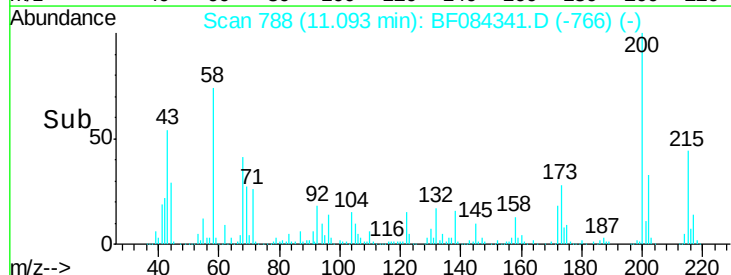
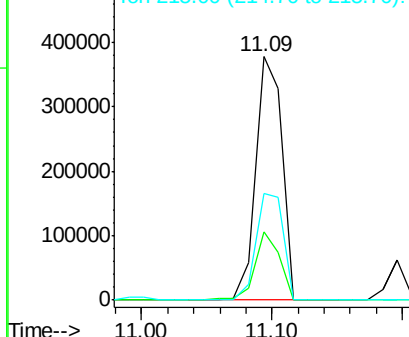


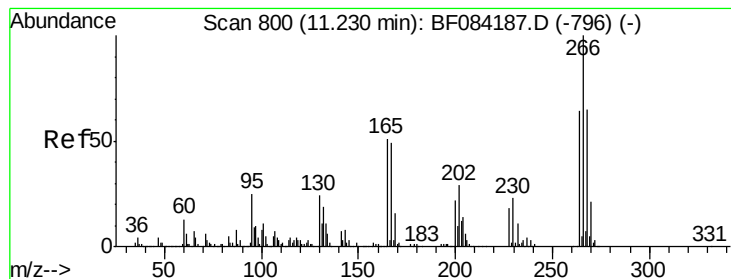
#68
Atrazine
Concen: 39.08 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	528138		
173	27.9		9.5	49.5
215	43.8		23.8	63.8



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





#69

Pentachlorophenol

Concen: 35.31 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

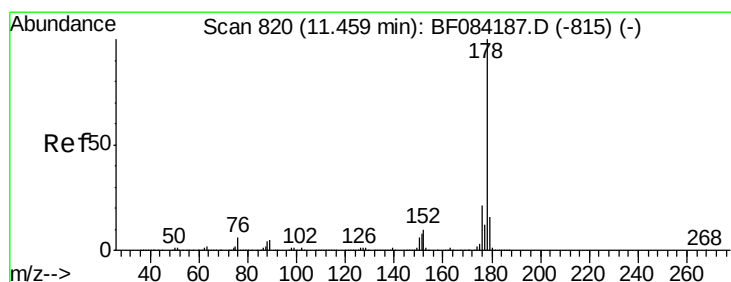
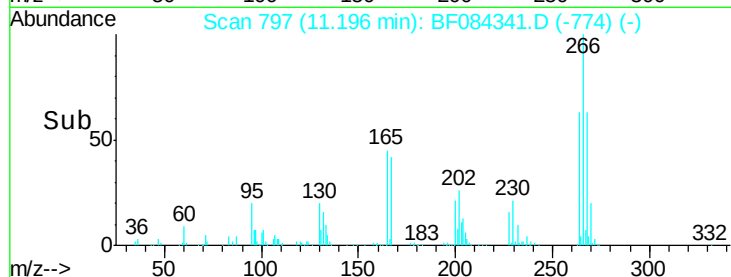
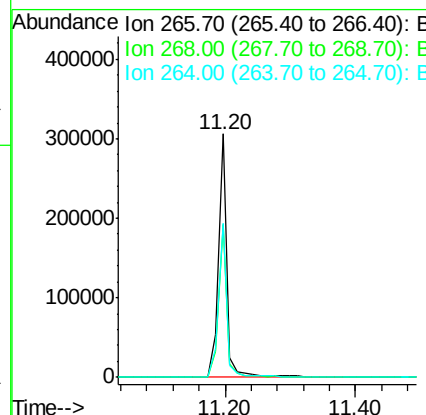
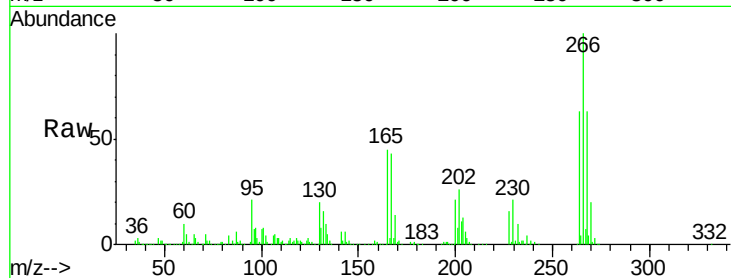
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	286484
Ion Ratio		Lower	Upper
266	100		
268	62.9	52.4	78.6
264	63.4	50.2	75.2

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#70

Phenanthrene

Concen: 37.16 ng

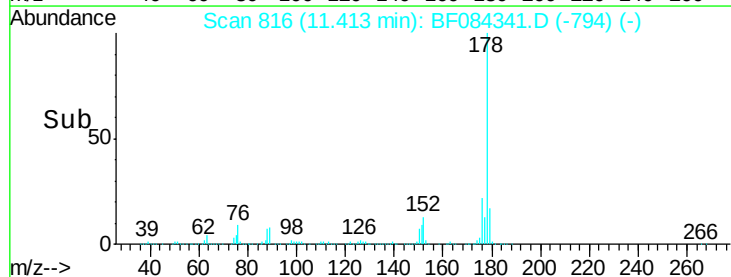
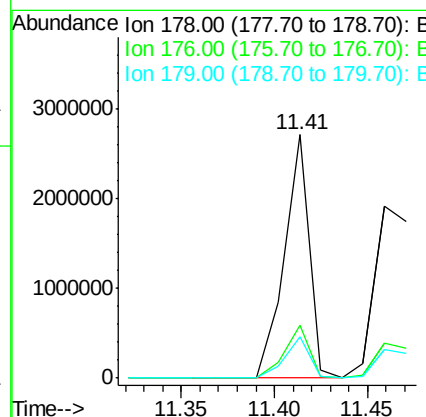
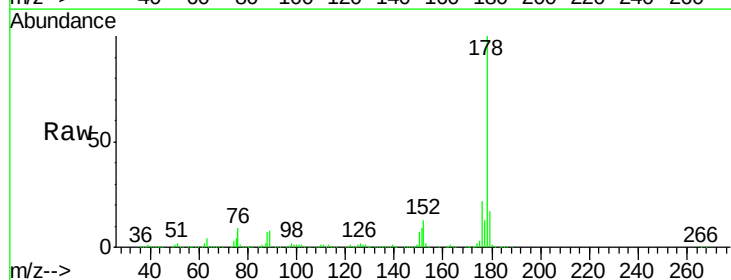
RT: 11.41 min Scan# 816

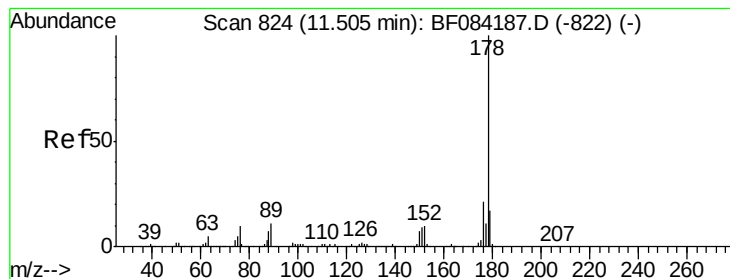
Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion:	178	Resp:	2510712
Ion Ratio		Lower	Upper
178	100		
176	21.9	15.3	22.9
179	17.2	12.0	18.0





#71

Anthracene

Concen: 39.86 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2639649

Ion Ratio Lower Upper

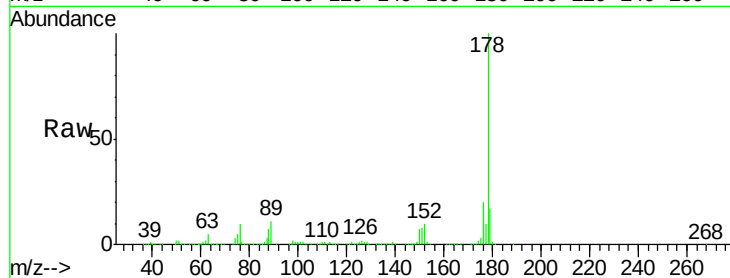
178 100

176 20.1 15.4 23.0

179 16.8 12.5 18.7

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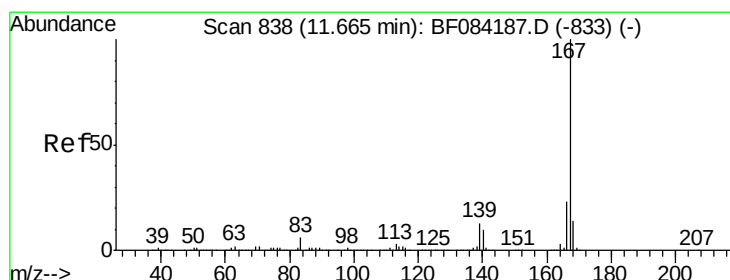
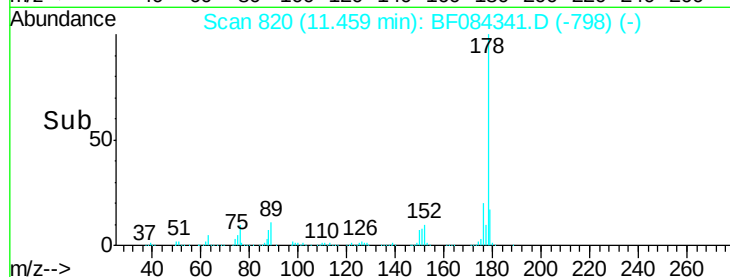
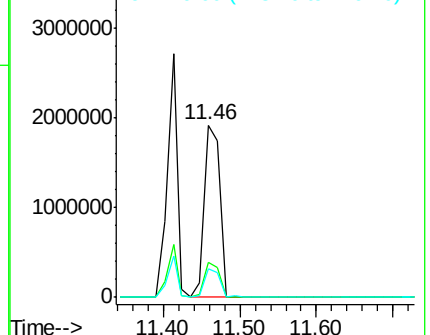
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.20 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

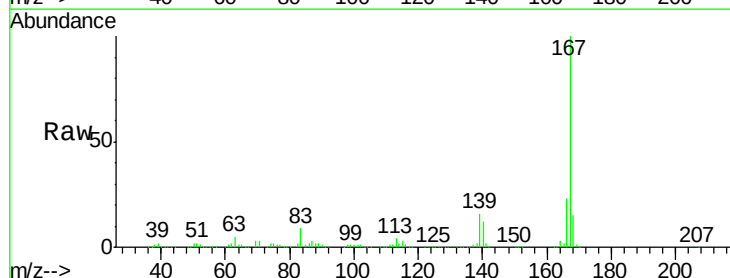
Tgt Ion:167 Resp: 2084703

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

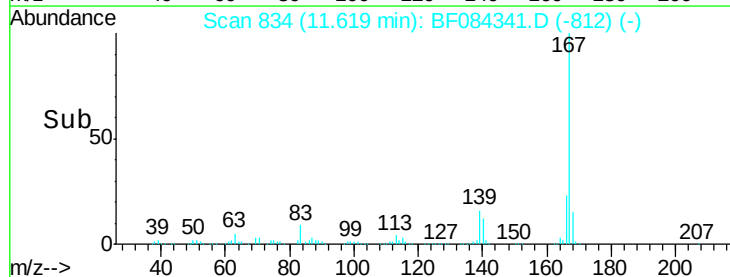
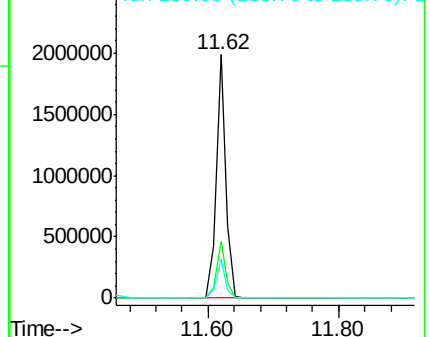
139 15.8 11.8 17.8

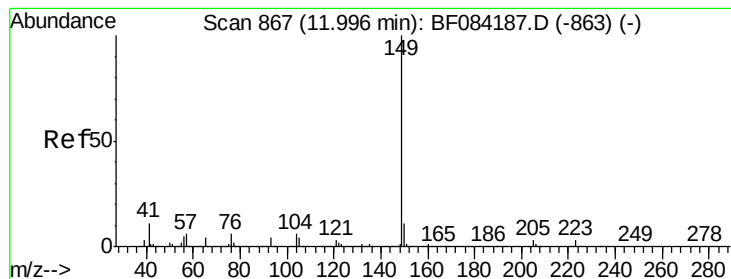


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.28 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2574145

Ion Ratio Lower Upper

149 100

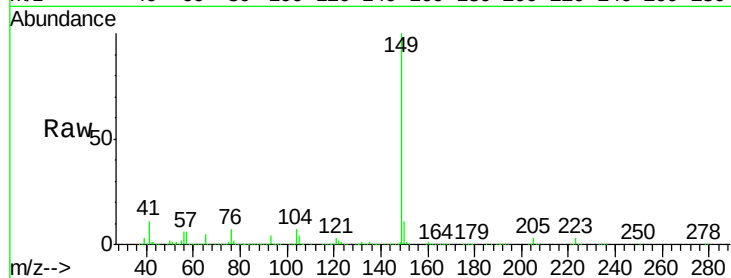
150 10.8 7.1 10.7#

104 6.6 3.2 4.8#

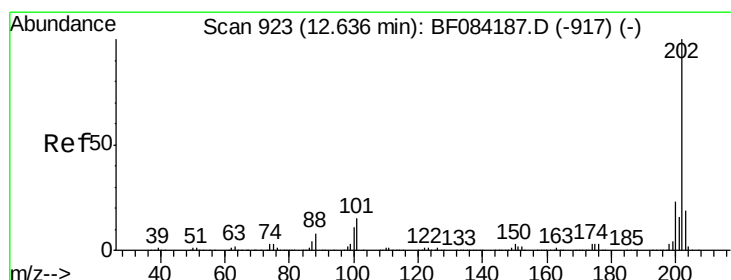
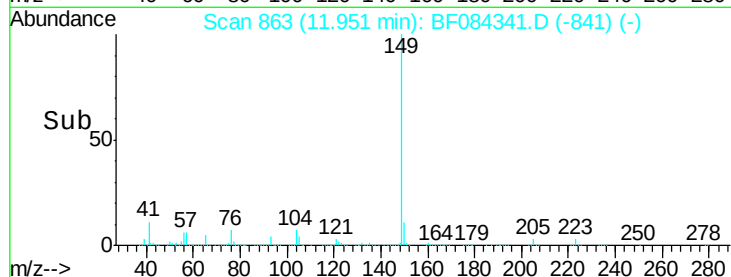
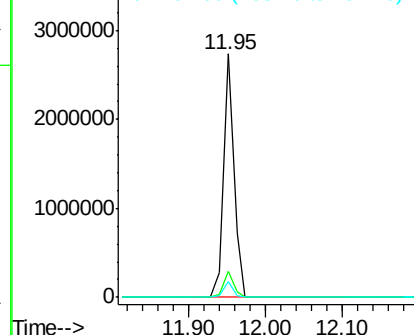
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.92 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

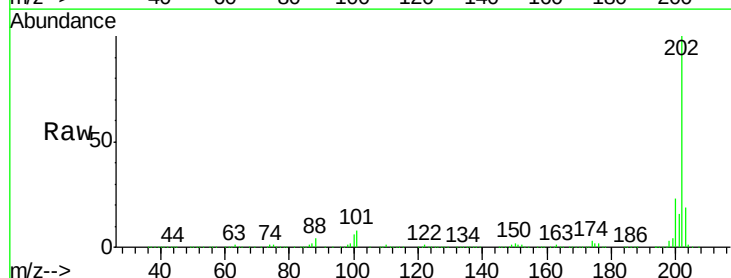
Tgt Ion:202 Resp: 2817181

Ion Ratio Lower Upper

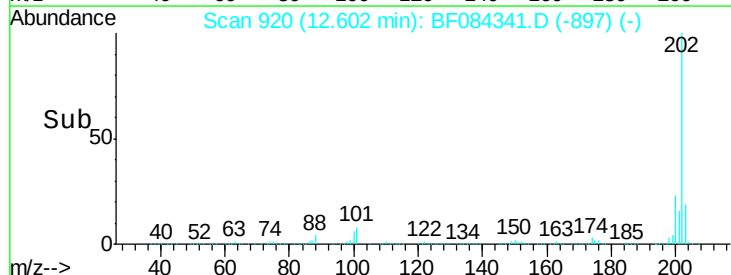
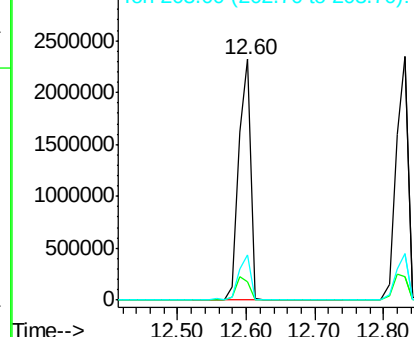
202 100

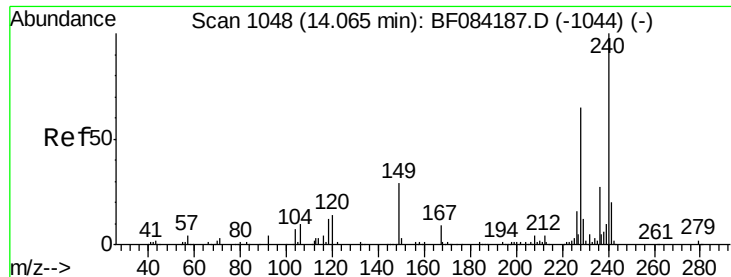
101 7.7 0.0 32.8

203 18.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

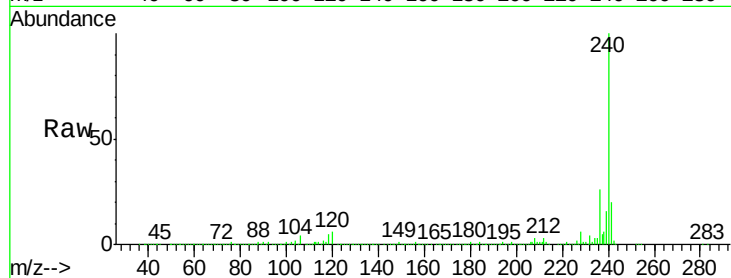
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	25.8	20.6	31.0

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1/10/2016 9:51:40 AM

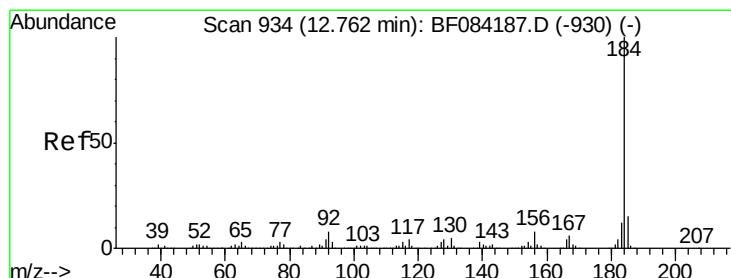
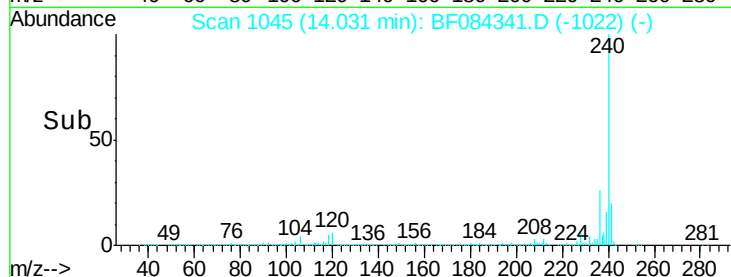
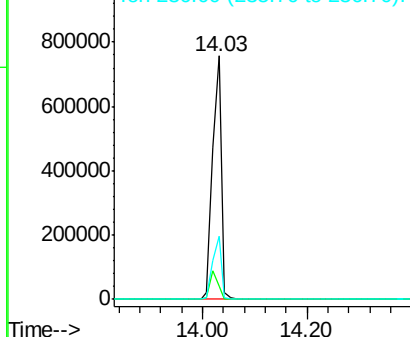


Abundance

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: 33.16 ng

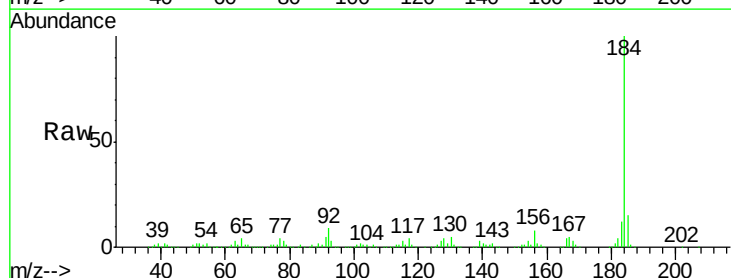
RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.6	9.8	14.8

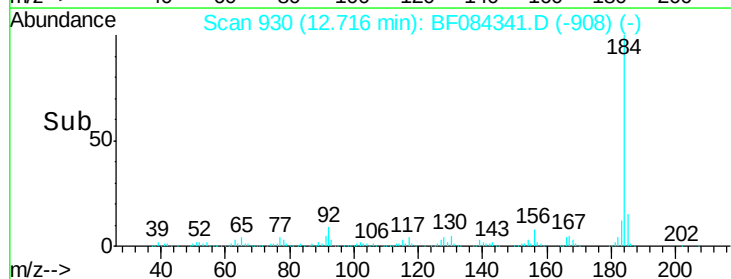
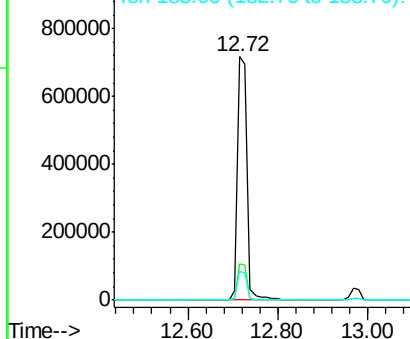


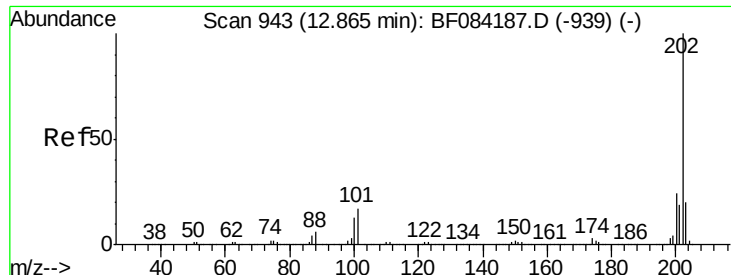
Abundance

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





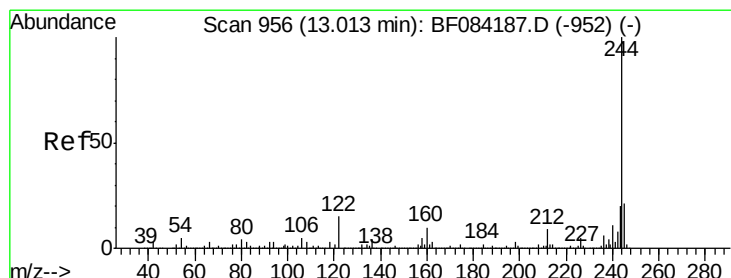
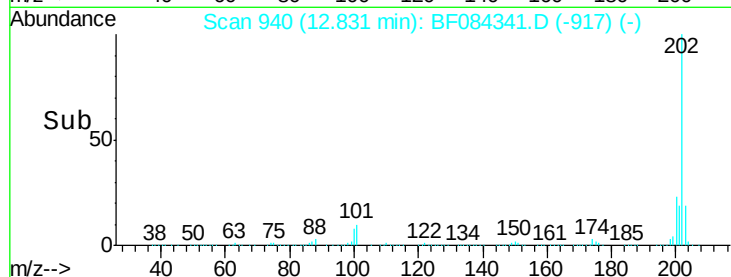
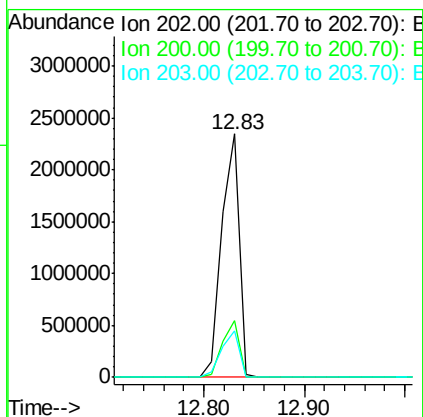
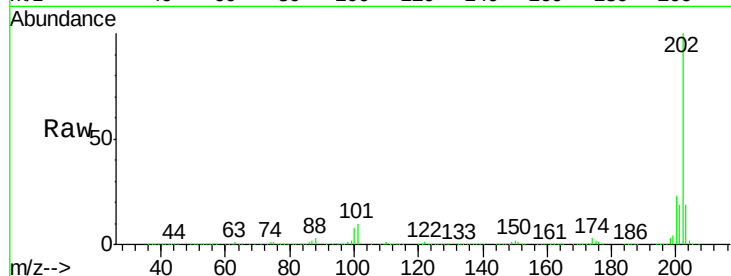
#77
Pvrene
Concen: 40.93 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.2	25.8
203	19.1	14.3	21.5

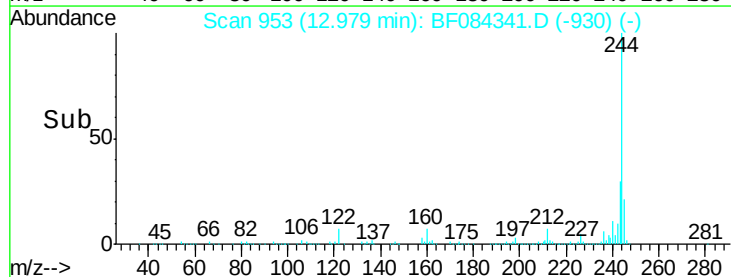
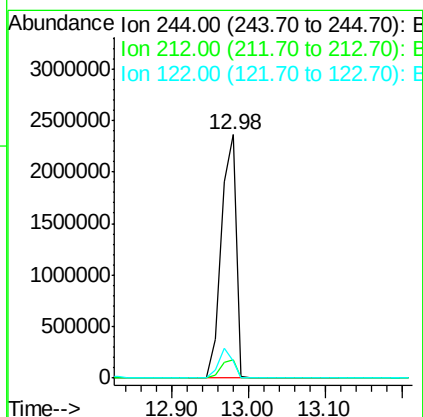
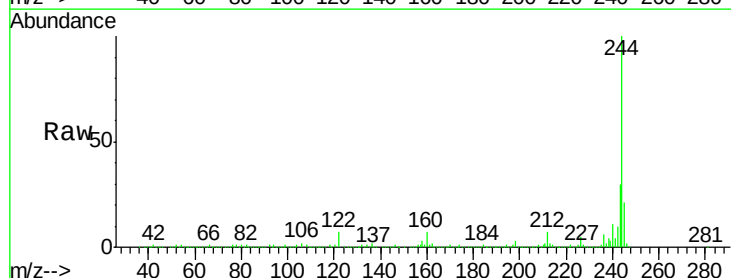
Manual Integrations
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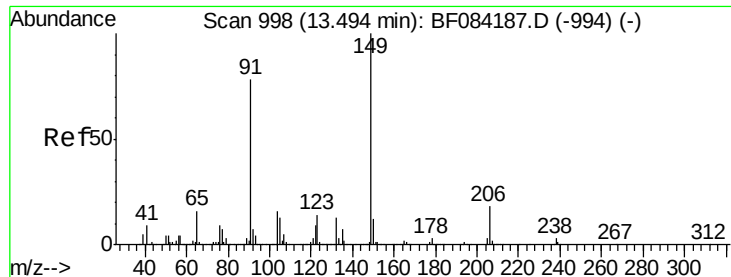
Sohil
1/10/2016 9:51:40 AM



#78
Terphenyl-d14
Concen: 81.19 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	7.0	7.4	11.0#





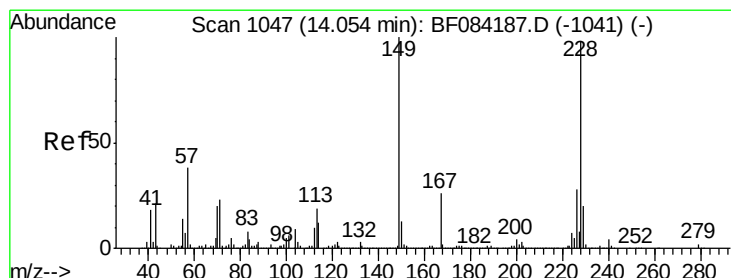
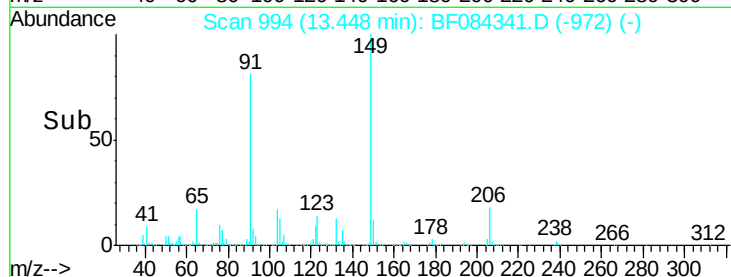
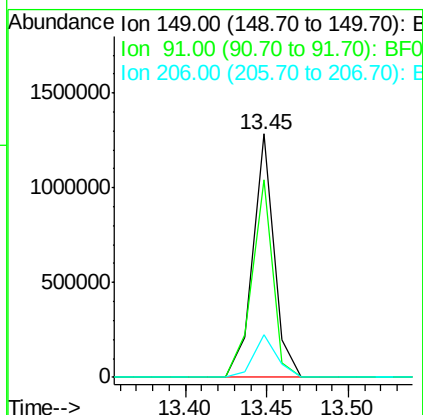
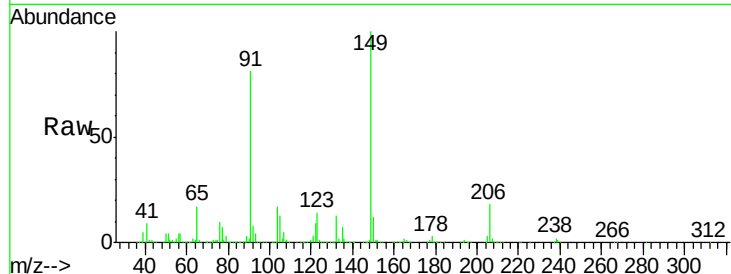
#79
Butylbenzylphthalate
Concen: 38.92 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	57.6	86.4
206	17.6	13.2	19.8

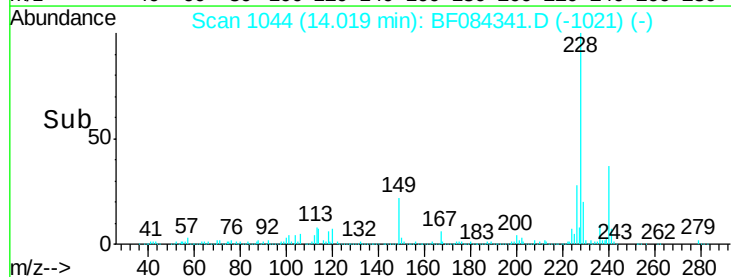
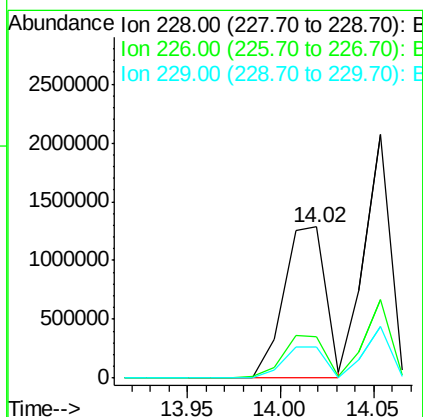
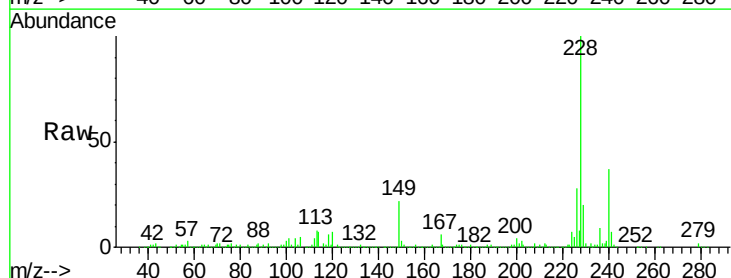
Manual Integrations
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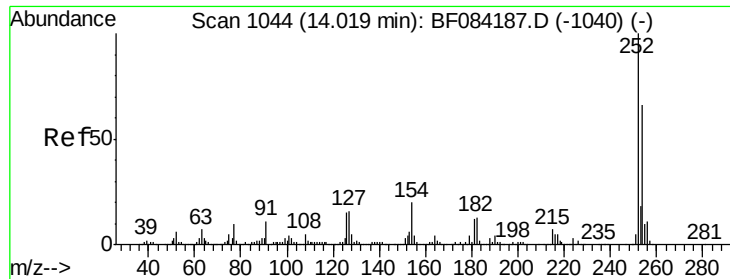
Sohil
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#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

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





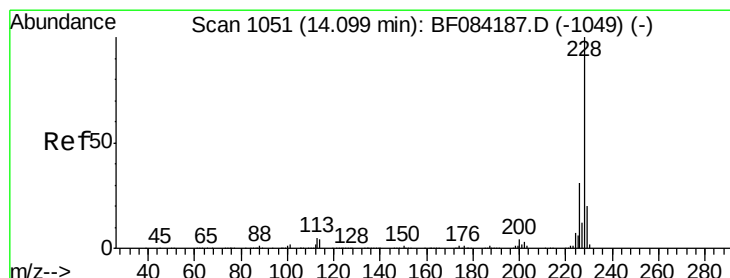
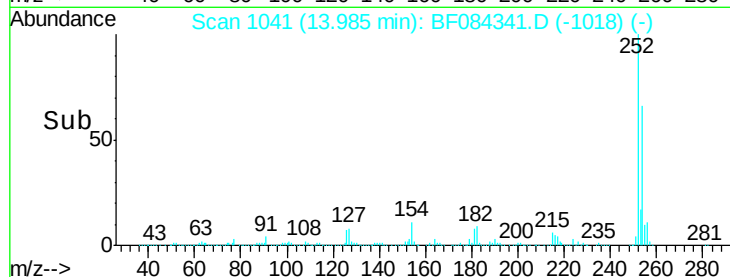
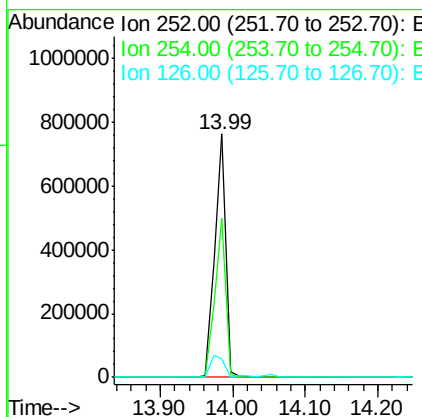
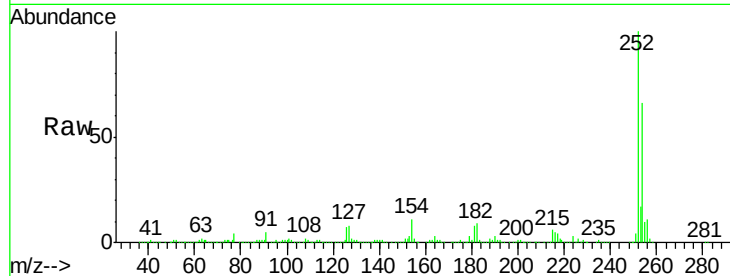
#81
 3,3'-Dichlorobenzidine
 Concen: 44.07 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	797416		
254	65.6	53.5	80.3	
126	7.3	4.9	7.3#	

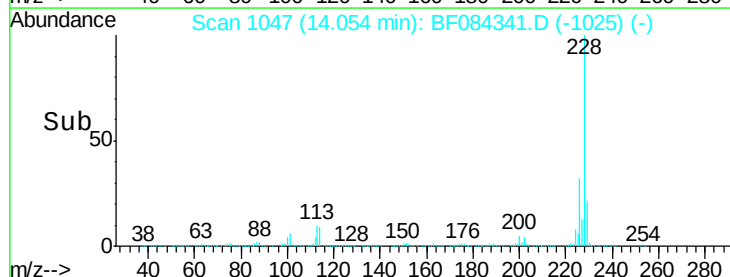
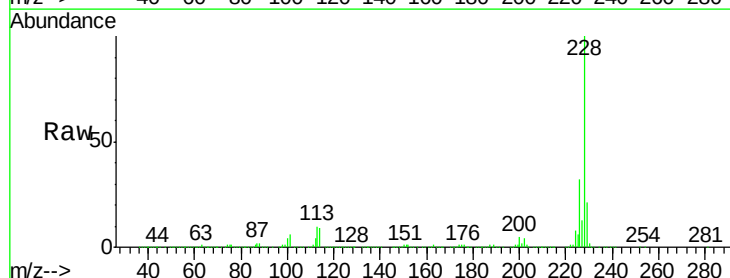
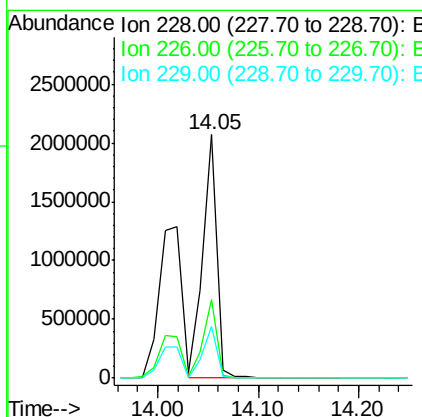
Manual Integrations
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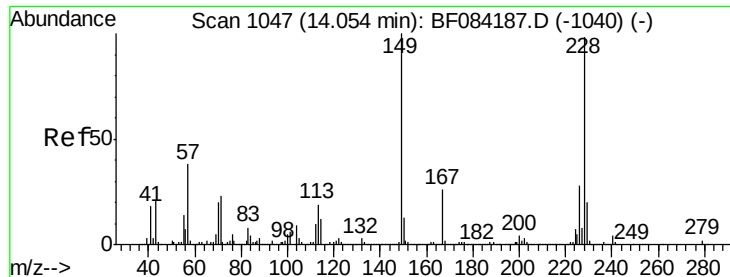
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#82
 Chrysene
 Concen: 40.18 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2001625		
226	32.4	24.3	36.5	
229	21.3	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.08 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1442316

Ion Ratio Lower Upper

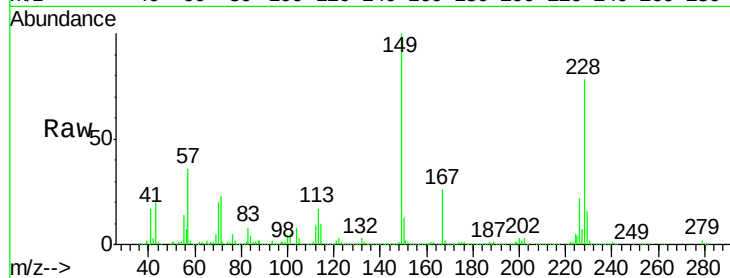
149 100

167 26.2 19.7 29.5

279 2.4 1.8 2.6

Manual Integrations
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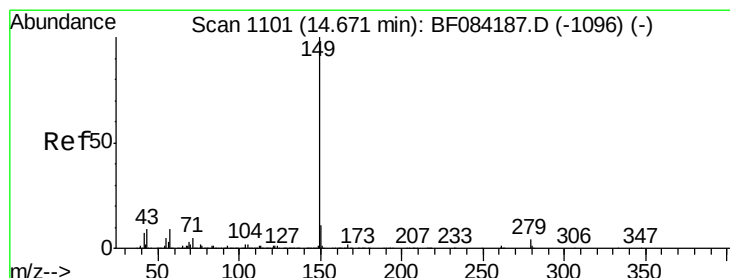
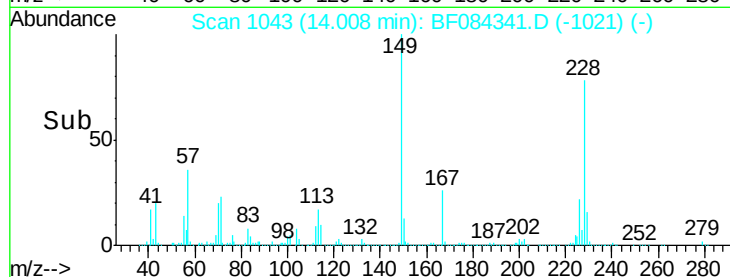
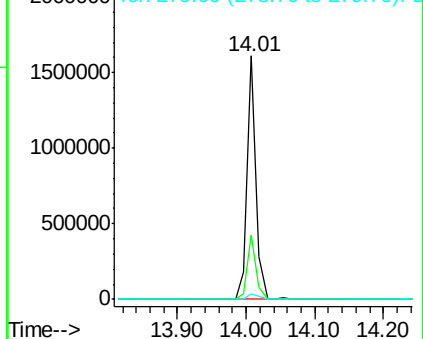
Sohil
1/10/2016 9:51:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.59 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

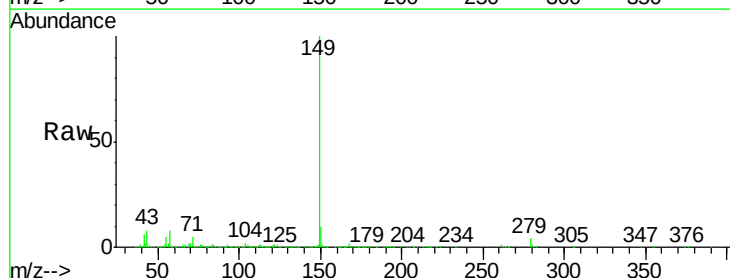
Tgt Ion:149 Resp: 2531438

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

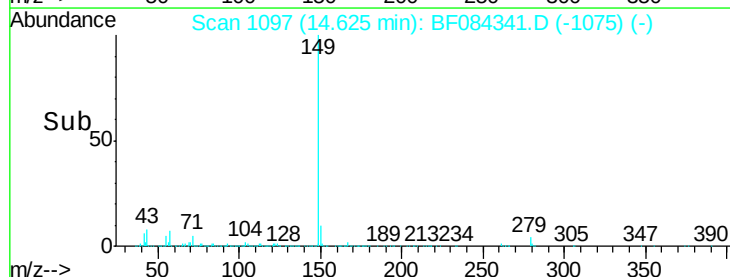
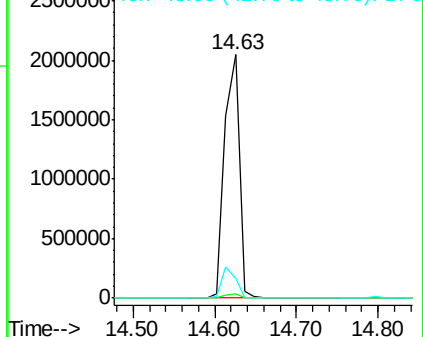
43 11.8 5.6 8.4#

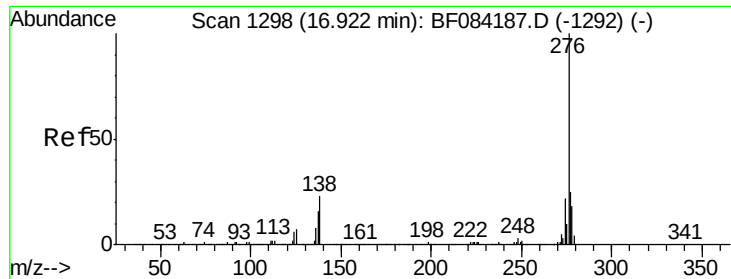


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





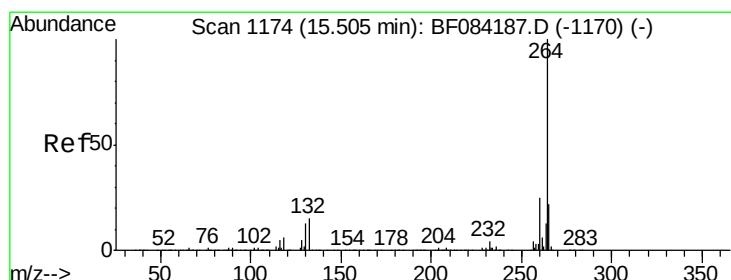
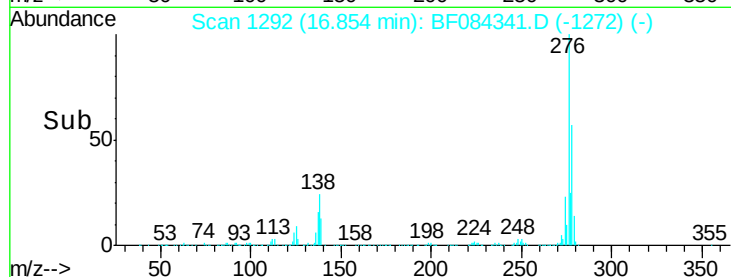
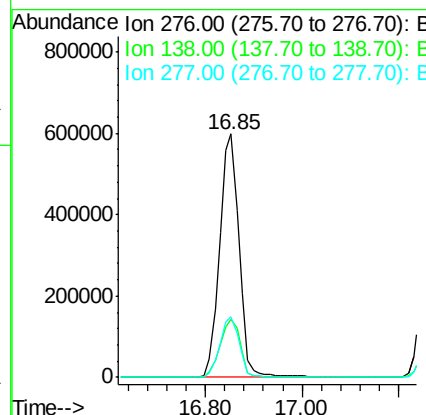
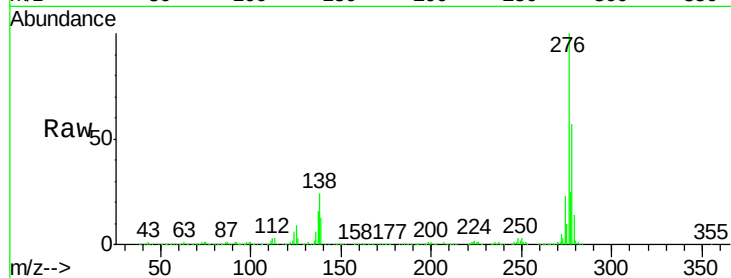
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.02 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.07 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.4	20.6	30.8	
277	25.1	20.1	30.1	

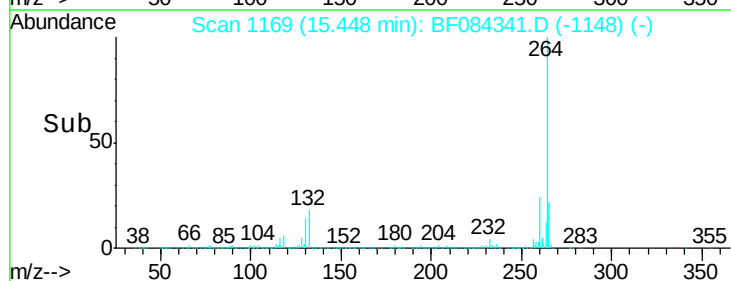
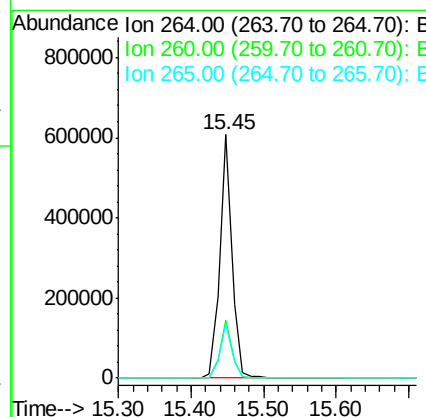
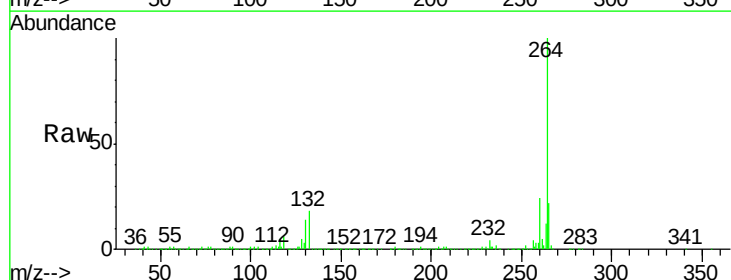
Manual Integrations
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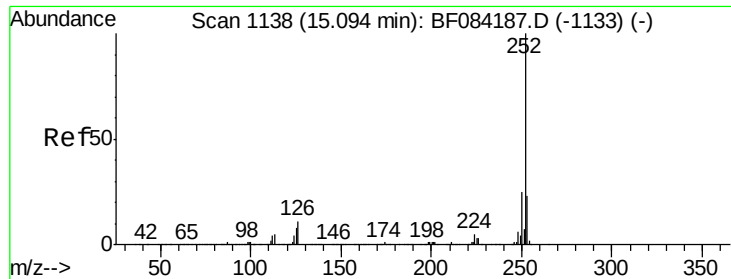
Sohil
 1/10/2016 9:51:40 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084341.D
 Acq: 8 Jan 2016 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.4	29.2	
265	22.3	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 45.15 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2100263

Ion Ratio Lower Upper

252 100

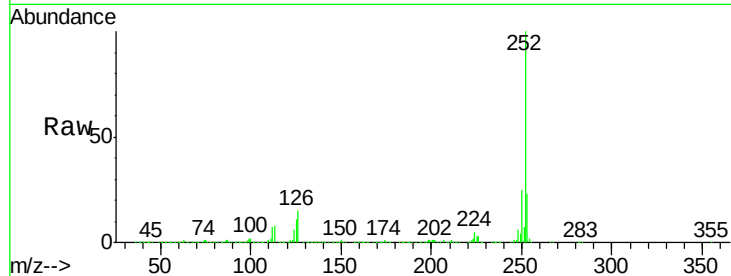
253 22.7 17.3 25.9

125 11.2 6.5 9.7#

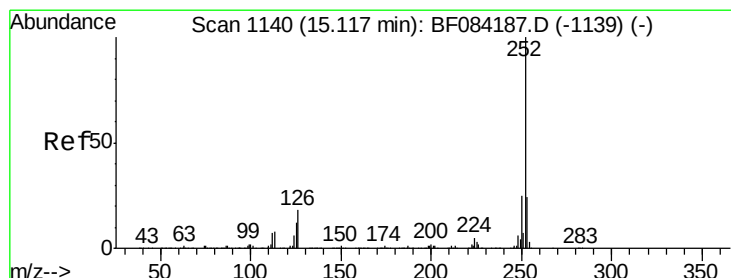
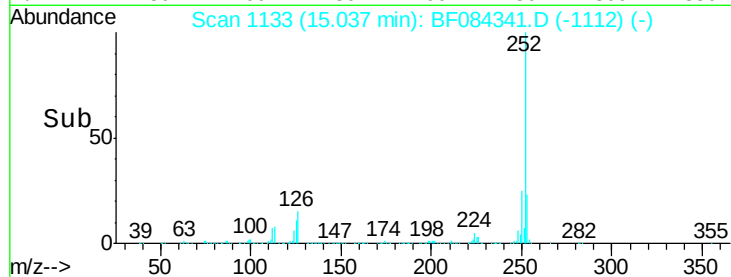
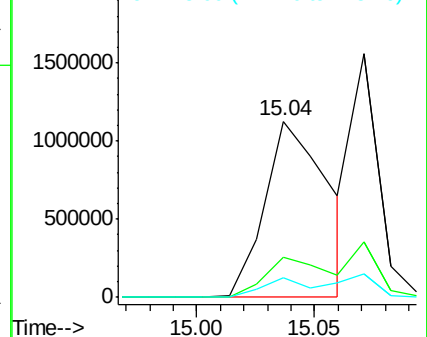
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.48 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

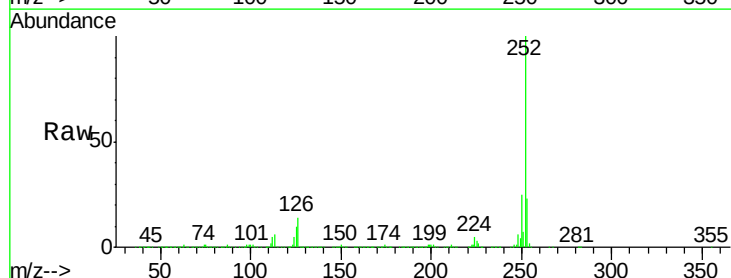
Tgt Ion:252 Resp: 1273824

Ion Ratio Lower Upper

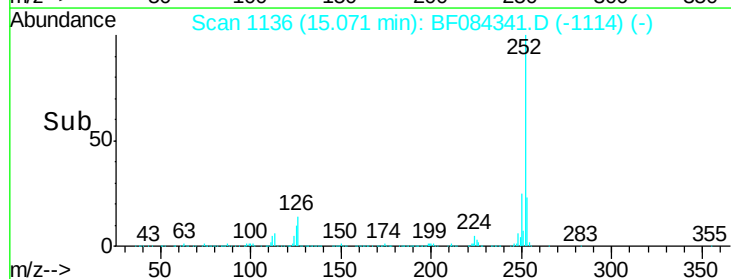
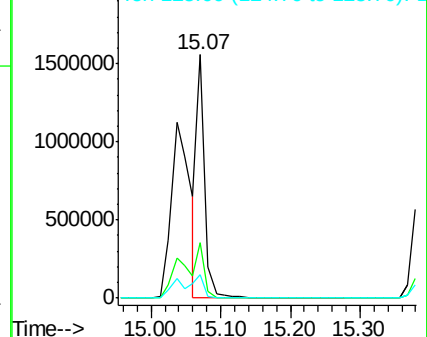
252 100

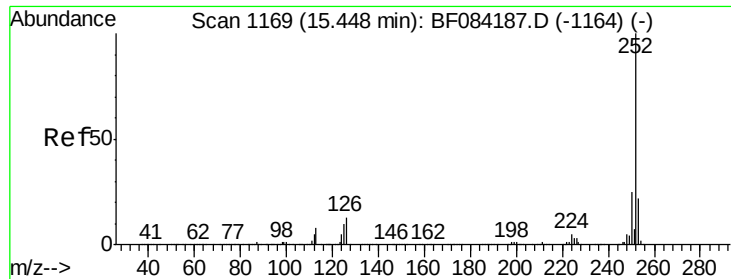
253 22.6 18.1 27.1

125 9.7 9.0 13.6



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





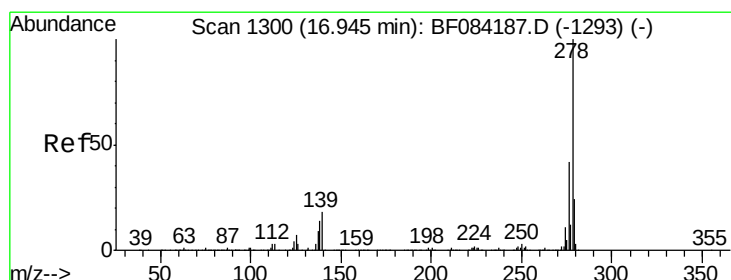
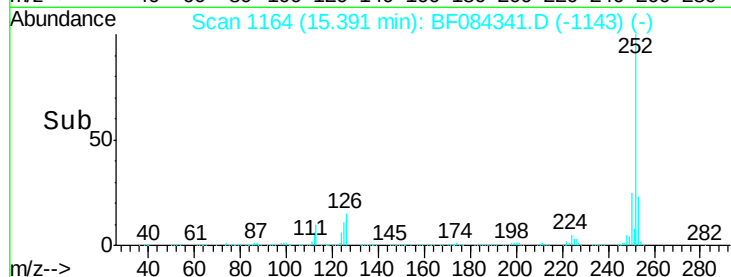
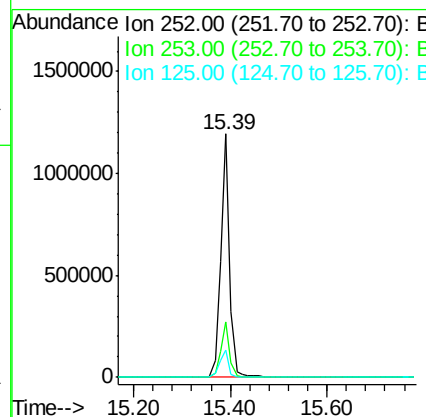
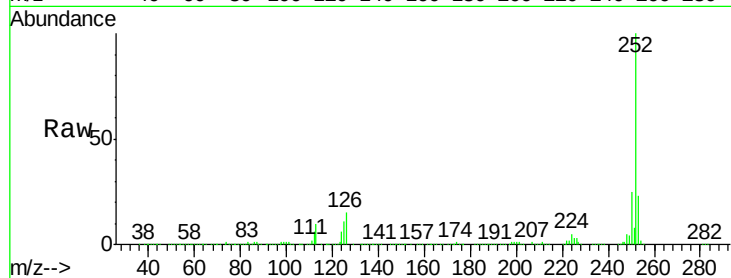
#89
Benzo(a)pyrene
Concen: 39.13 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1543908
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.4 7.0 10.4#

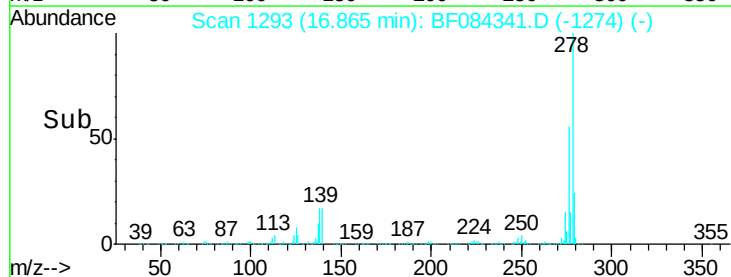
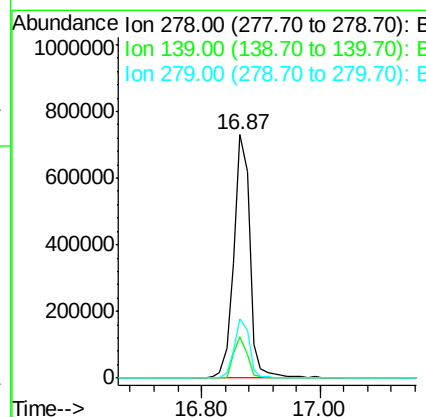
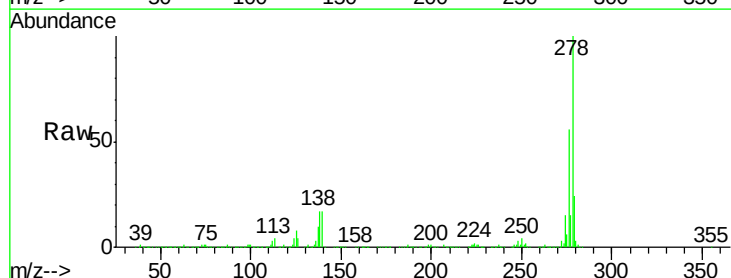
Manual Integrations
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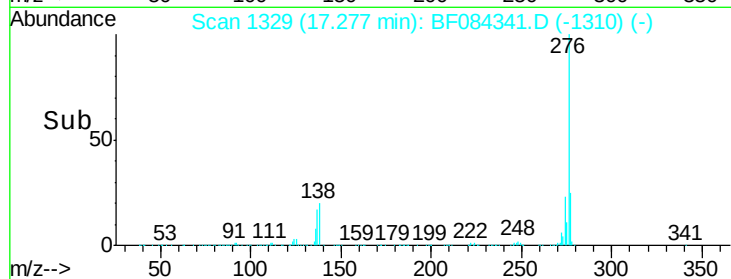
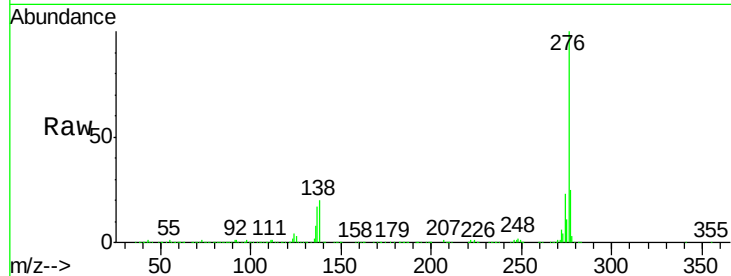
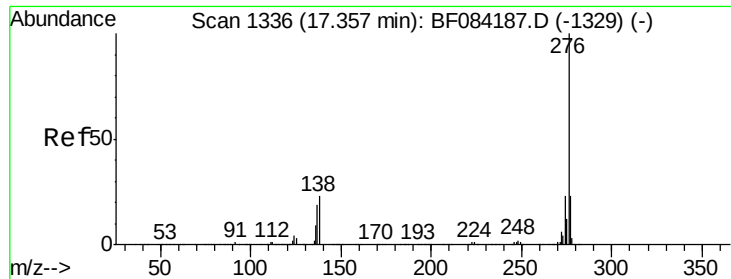
Sohil
1/10/2016 9:51:40 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.45 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084341.D
Acq: 8 Jan 2016 22:02

Tgt Ion:278 Resp: 1373102
Ion Ratio Lower Upper
278 100
139 17.0 15.0 22.4
279 24.1 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 40.87 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.08 min

Lab File: BF084341.D

Acq: 8 Jan 2016 22:02

Tot Ion: 276 Resp: 1436876

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 20.4 17.8 26.6

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

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1/10/2016 9:51:40 AM

