

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105047.D
 Acq On : 2 May 2018 23:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: May 03 16:13:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103332	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	423632	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	183961	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	302935	20.00	ng	0.00
75) Chrysene-d12	14.01	240	241245	20.00	ng	-0.02
86) Perylene-d12	15.55	264	200162	20.00	ng	-0.04

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System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	482806	71.44	ng	0.00
7) Phenol-d6	6.43	99	587914	70.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	515179	79.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	133883	70.16	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	924661	79.40	ng	0.00
78) Terphenyl-d14	12.91	244	756656	71.51	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	98520	31.287	ng	# 86
3) Pyridine	3.17	79	274377	30.991	ng	85
4) n-Nitrosodimethylamine	3.15	42	93751	30.293	ng	# 80
6) Aniline	6.46	93	386049	33.465	ng	99
8) 2-Chlorophenol	6.58	128	266163	37.316	ng	90
9) Benzaldehyde	6.35	77	145064	32.446	ng	94
10) Phenol	6.45	94	325490	36.945	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	249863	35.540	ng	93
12) 1,3-Dichlorobenzene	6.73	146	299667	37.085	ng	98
13) 1,4-Dichlorobenzene	6.80	146	306355	38.033	ng	99
14) 1,2-Dichlorobenzene	6.96	146	285989	38.313	ng	98
15) Benzyl Alcohol	6.94	79	208283	33.026	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	279733	29.628	ng	75
17) 2-Methylphenol	7.05	107	225659	36.396	ng	95
18) Hexachloroethane	7.30	117	92594	32.241	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	170712	31.463	ng	91
20) 3+4-Methylphenols	7.21	107	277687	36.112	ng	# 68
22) Acetophenone	7.20	105	367711	35.257	ng	99
24) Nitrobenzene	7.38	77	274321	38.298	ng	100
25) Isophorone	7.62	82	456300	33.260	ng	100
26) 2-Nitrophenol	7.70	139	139721	47.915	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	202613	33.464	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	291497	34.752	ng	99
29) 2,4-Dichlorophenol	7.94	162	216272	37.436	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	239301	37.744	ng	98
31) Naphthalene	8.10	128	764950	36.263	ng	99
32) Benzoic acid	7.87	122	142555m	29.509	ng	
33) 4-Chloroaniline	8.15	127	330213	36.539	ng	97
34) Hexachlorobutadiene	8.20	225	134867	38.836	ng	99
35) Caprolactam	8.54	113	68371	33.926	ng	# 72
36) 4-Chloro-3-methylphenol	8.64	107	225103	36.339	ng	99
37) 2-Methylnaphthalene	8.79	142	496111	36.358	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	219569	41.695	ng	98
42) 2,4,6-Trichlorophenol	9.07	196	141384	38.676	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	9.12	196	159955	39.102	ng	95	
45) 1,1'-Biphenyl	9.25	154	602307	38.974	ng	99	
46) 2-Chloronaphthalene	9.28	162	466797	38.241	ng	100	
47) 2-Nitroaniline	9.39	65	134440	44.535	ng	90	
48) Acenaphthylene	9.70	152	683481	35.687	ng	99	
49) Dimethylphthalate	9.55	163	560866	38.662	ng	100	
50) 2,6-Dinitrotoluene	9.63	165	116508	43.403	ng	#	86 Sohil
51) Acenaphthene	9.87	154	406581	34.794	ng	99	
52) 3-Nitroaniline	9.80	138	138266	43.998	ng	96	
53) 2,4-Dinitrophenol	9.92	184	7965	15.226	ng	#	27
54) Dibenzofuran	10.04	168	568697	34.922	ng	98	
55) 4-Nitrophenol	9.97	139	69830	28.288	ng	95	5/3/2018 5:00:53 PM
56) 2,4-Dinitrotoluene	10.03	165	136629	38.804	ng	96	
57) Fluorene	10.38	166	462474	39.017	ng	99	
58) 2,3,4,6-Tetrachlorophenol	10.16	232	102846	33.699	ng	95	
59) Diethylphthalate	10.25	149	527919	36.540	ng	99	
60) 4-Chlorophenyl-phenylether	10.37	204	218799	41.449	ng	99	
61) 4-Nitroaniline	10.42	138	131048	42.649	ng	96	
62) Azobenzene	10.53	77	443609	32.138	ng	93	
64) 4,6-Dinitro-2-methylphenol	10.45	198	22890	20.487	ng	83	
65) n-Nitrosodiphenylamine	10.49	169	416698	39.672	ng	99	
66) 4-Bromophenyl-phenylether	10.86	248	130310	40.441	ng	90	
67) Hexachlorobenzene	10.93	284	140683	38.801	ng	#	88
68) Atrazine	11.02	200	113663	35.851	ng	98	
69) Pentachlorophenol	11.13	266	57436	25.606	ng	98	
70) Phenanthrene	11.35	178	601641	35.663	ng	99	
71) Anthracene	11.40	178	614446	35.830	ng	99	
72) Carbazole	11.56	167	580759	34.657	ng	99	
73) Di-n-butylphthalate	11.88	149	768110	37.524	ng	99	
74) Fluoranthene	12.54	202	588420	33.383	ng	99	
76) Benzidine	12.67	184	325828	39.783	ng	99	
77) Pyrene	12.77	202	612425	34.248	ng	100	
79) Butylbenzylphthalate	13.39	149	302347	35.889	ng	95	
80) Benzo(a)anthracene	14.00	228	559822	38.844	ng	99	
81) 3,3'-Dichlorobenzidine	13.96	252	206816	38.487	ng	#	98
82) Chrysene	14.04	228	535996	36.207	ng	98	
83) Bis(2-ethylhexyl)phthalate	13.97	149	426445	39.355	ng	99	
84) Di-n-octyl phthalate	14.65	149	678601	37.480	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.04	276	400000m	31.808	ng		
87) Benzo(b)fluoranthene	15.12	252	464288	36.726	ng	98	
88) Benzo(k)fluoranthene	15.15	252	492593	41.273	ng	99	
89) Benzo(a)pyrene	15.49	252	419424	37.080	ng	99	
90) Dibenzo(a,h)anthracene	17.05	278	336471	36.219	ng	96	
91) Benzo(g,h,i)perylene	17.49	276	315361	35.038	ng	93	

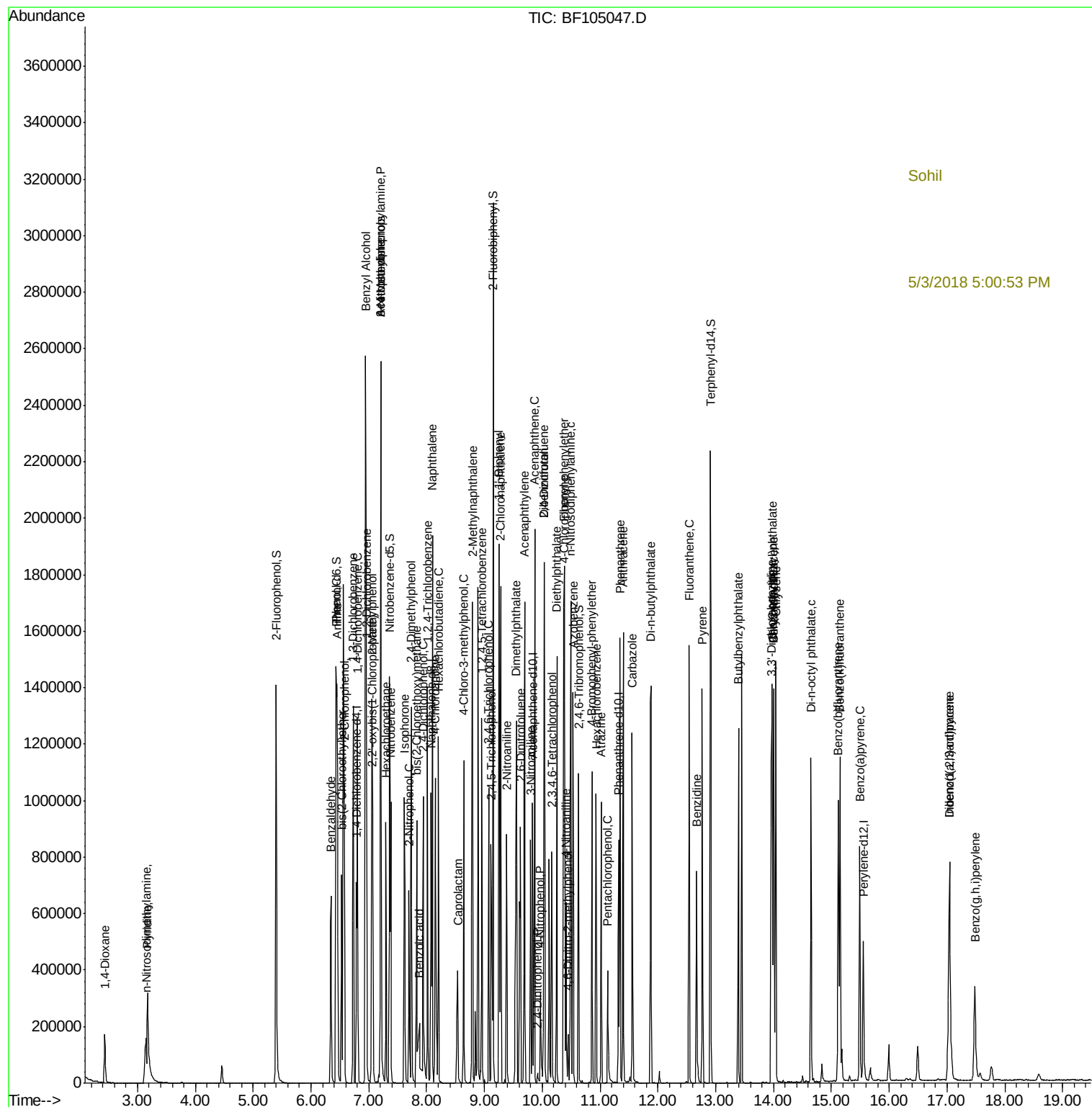
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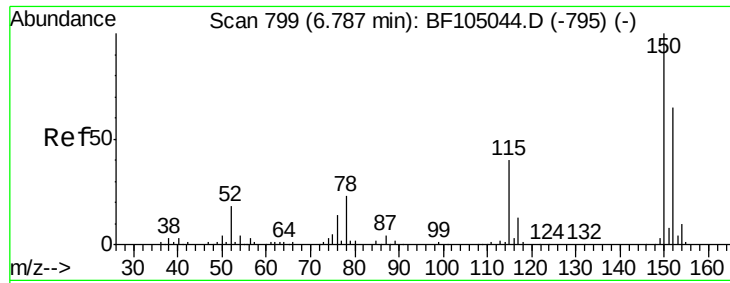
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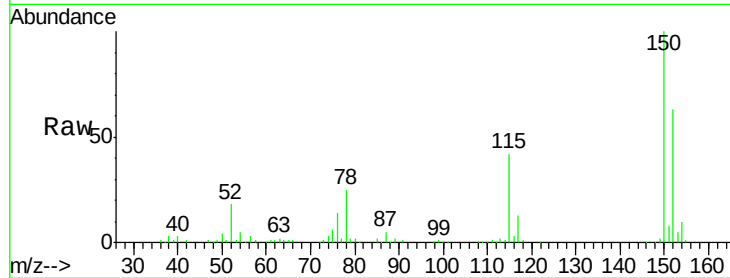
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

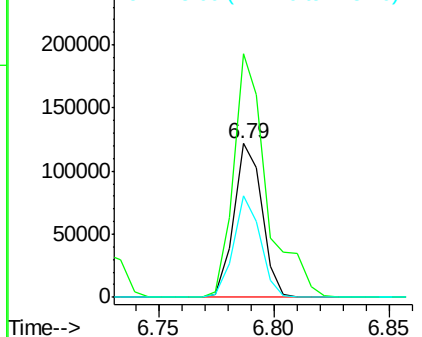
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	65.7	50.1	75.1

Manual Integrations
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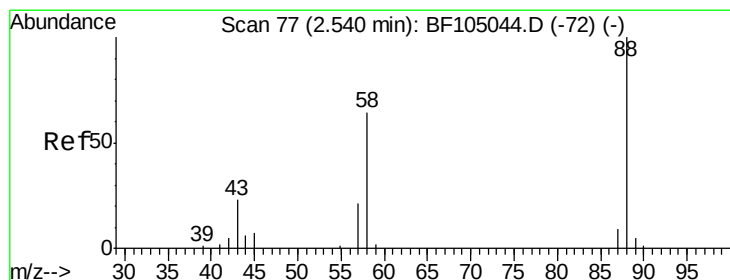
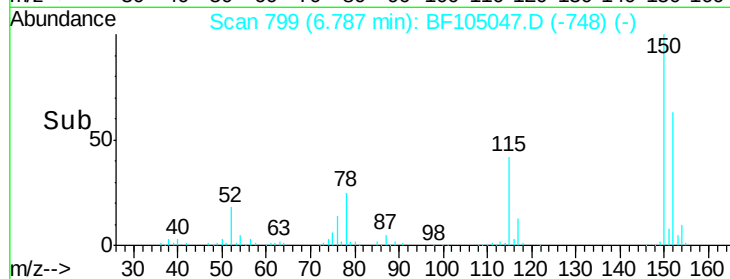


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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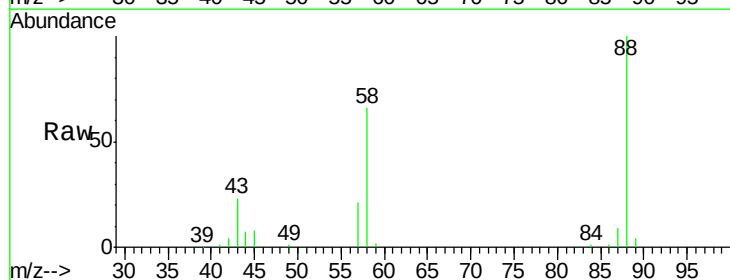
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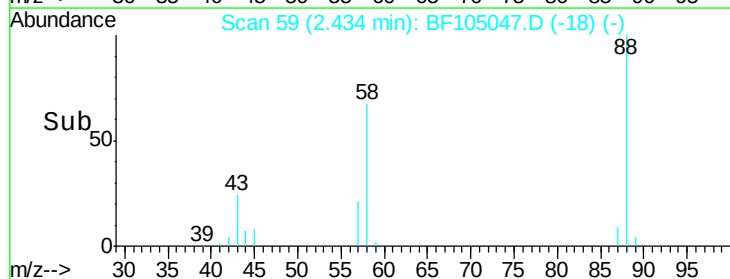
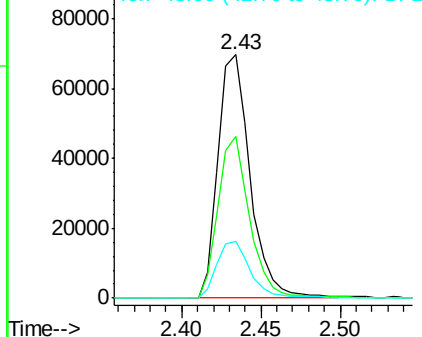
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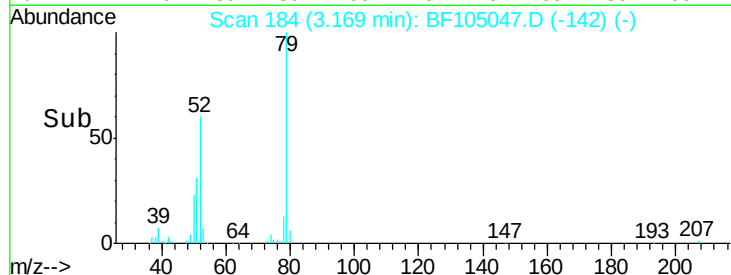
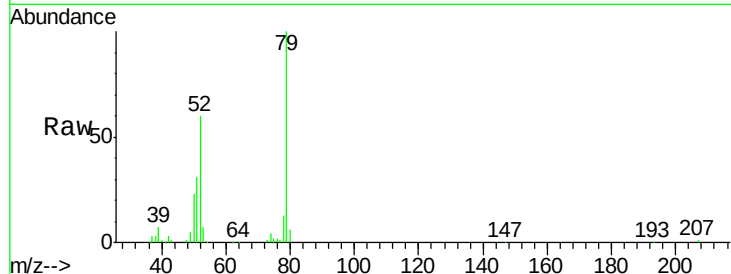
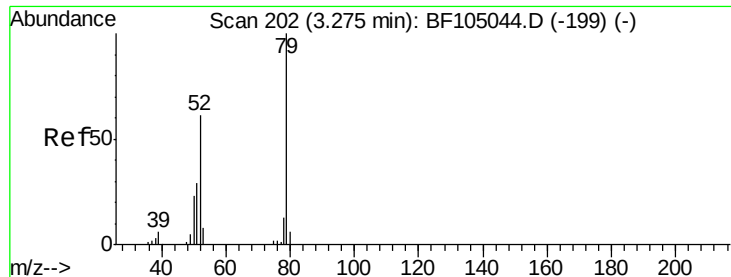
1,4-Dioxane
Concen: 31.287 ng
RT: 2.43 min Scan# 59
Delta R.T. -0.06 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	62.6	93.8
43	24.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



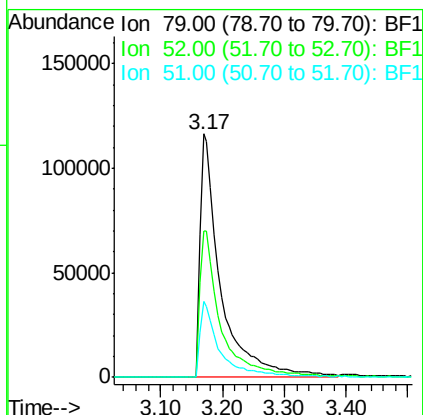


#3
Pvridine
Concen: 30.991 ng
RT: 3.17 min Scan# 184
Delta R.T. -0.05 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.3	59.8	89.6
51	31.2	29.8	44.8

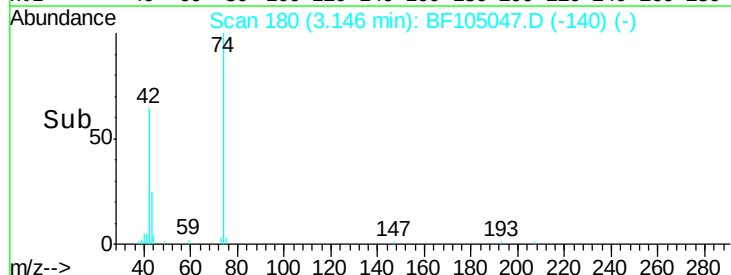
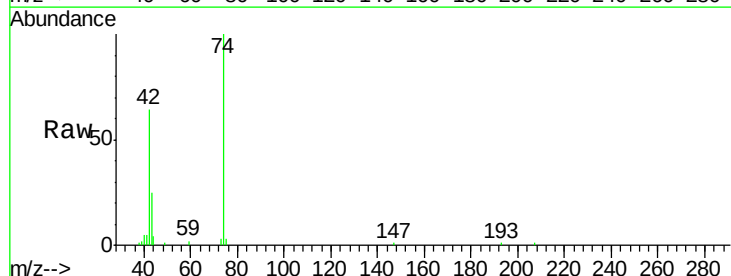
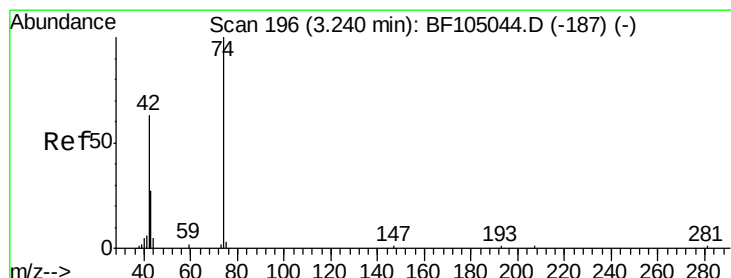
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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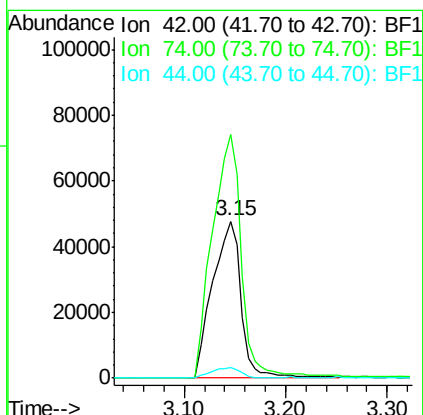
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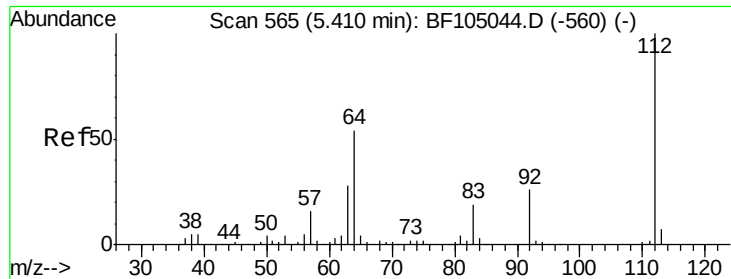
5/3/2018 5:00:53 PM



#4
n-Nitrosodimethylamine
Concen: 30.293 ng
RT: 3.15 min Scan# 180
Delta R.T. -0.06 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.4	104.9	157.3
44	6.8	6.9	10.3#



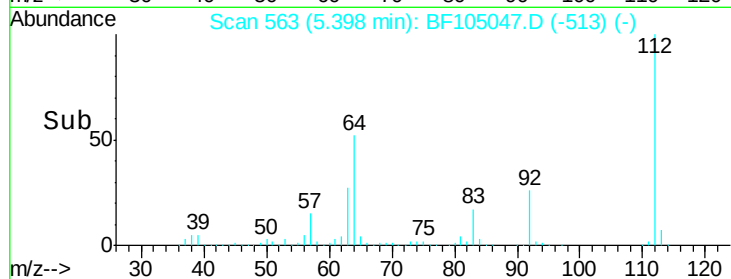
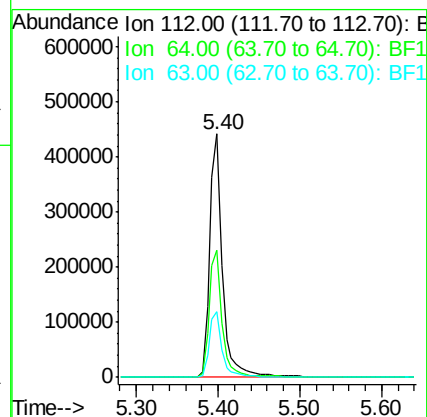
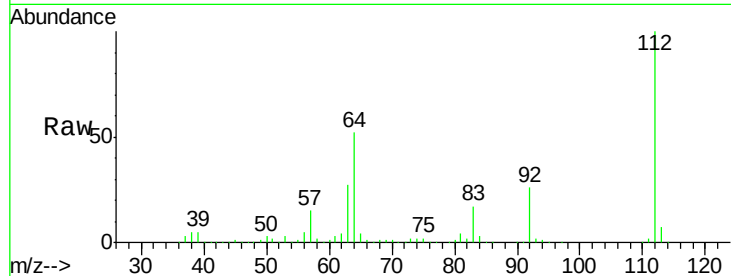


#5
2-Fluorophenol
Concen: 71.443 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

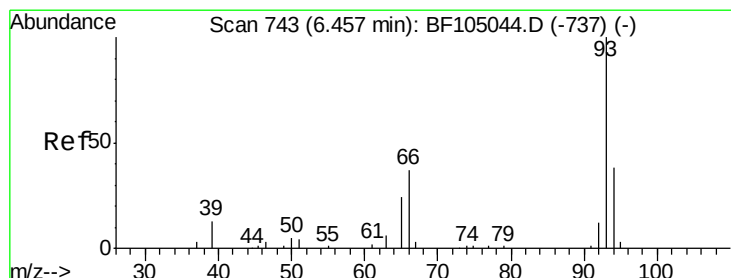
Tot Ion	Ratio	Resp	Lower	Upper
112	100	482806		
64	52.3		47.9	71.9
63	27.2		23.7	35.5

Manual Integrations
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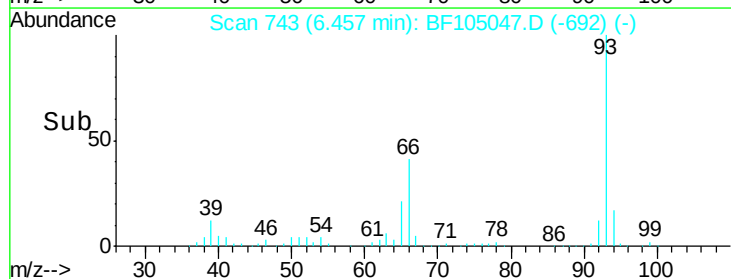
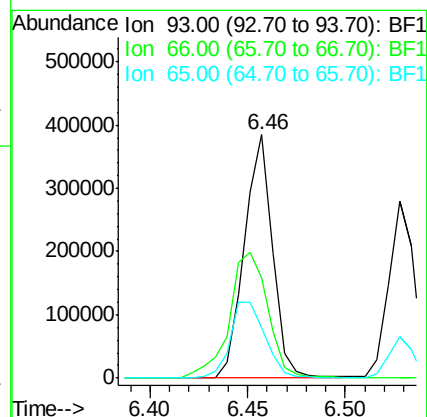
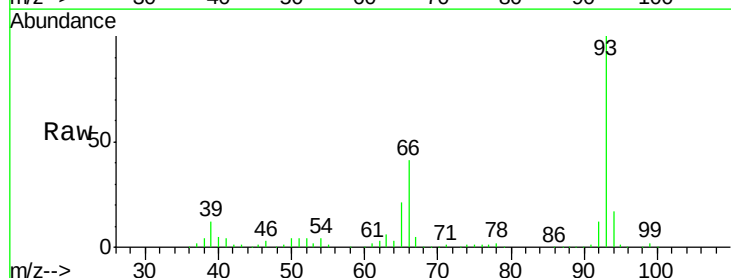
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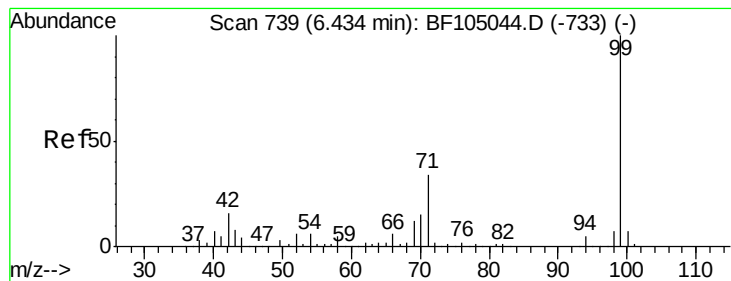
5/3/2018 5:00:53 PM



#6
Aniline
Concen: 33.465 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386049		
66	41.0		32.2	48.2
65	20.7		16.4	24.6





#7

Phenol-d6

Concen: 70.805 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

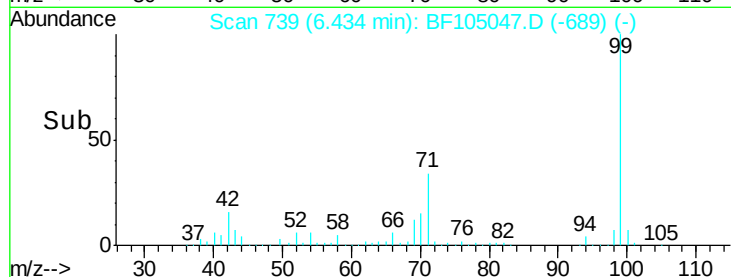
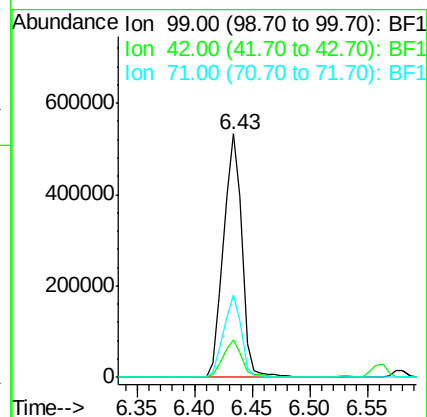
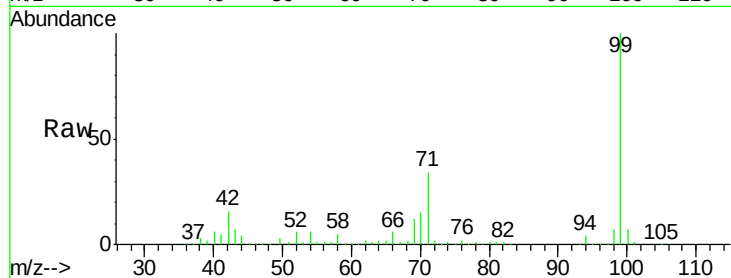
BNA_F

ClientSampleId :

SSTDCCC040

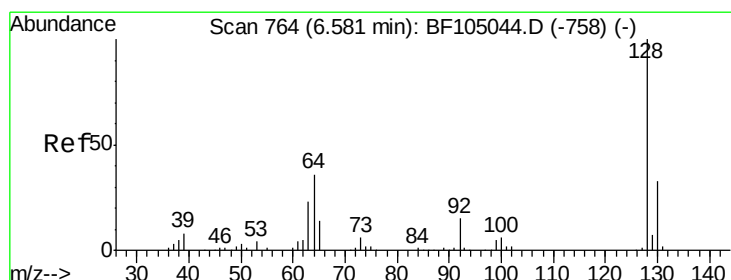
Tot Ion:	99	Resp:	587914
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.316 ng

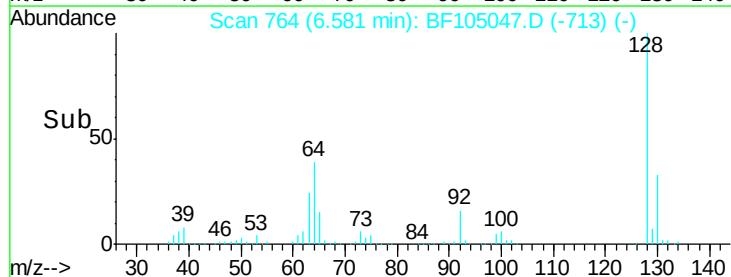
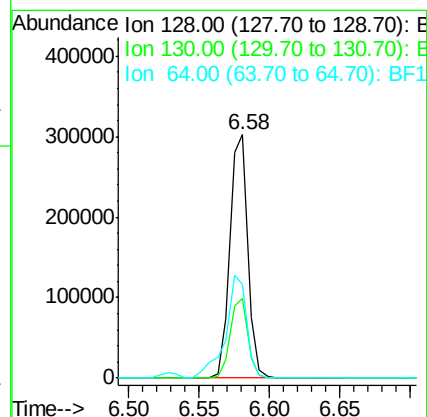
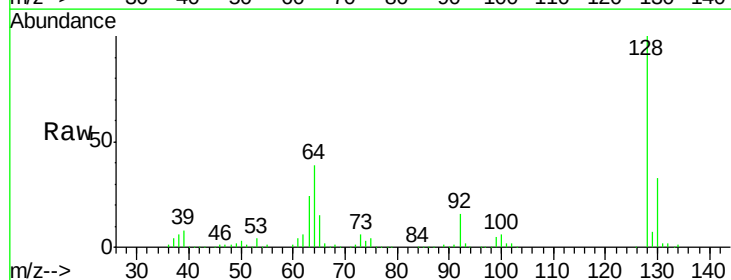
RT: 6.58 min Scan# 764

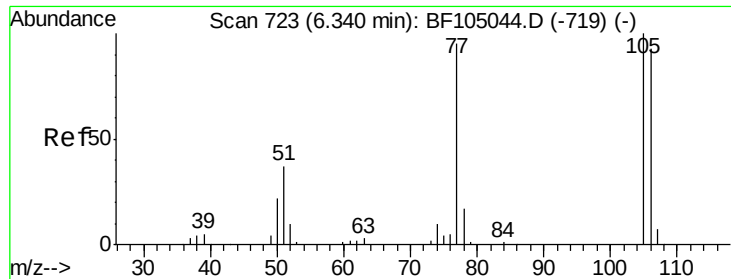
Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Tgt Ion:	128	Resp:	266163
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	38.6	29.4	69.4



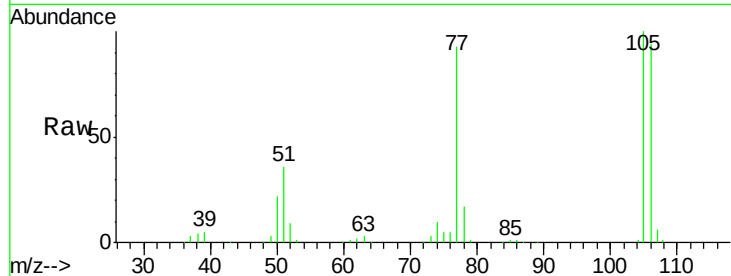


#9
Benzaldehyde
Concen: 32.446 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

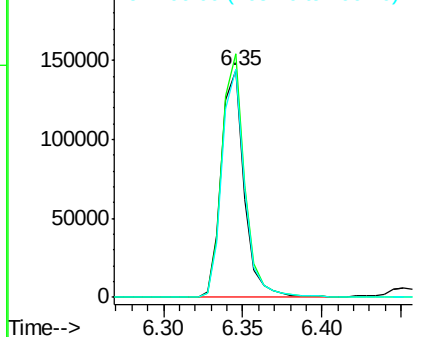
Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.5	81.1	121.1
106	100.9	74.5	114.5

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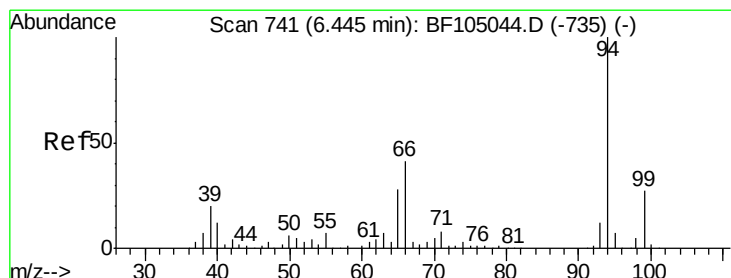
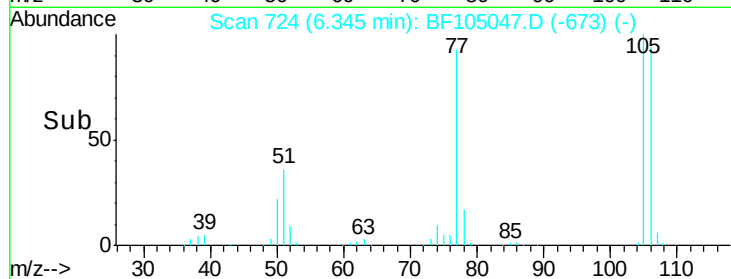


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



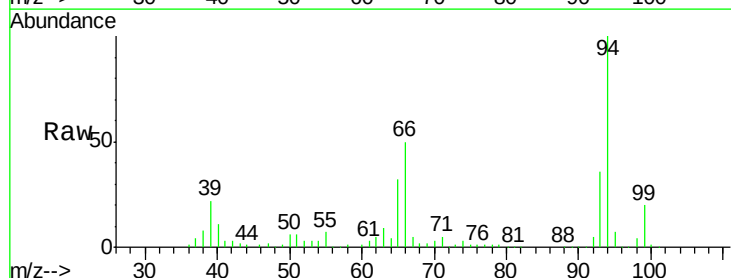
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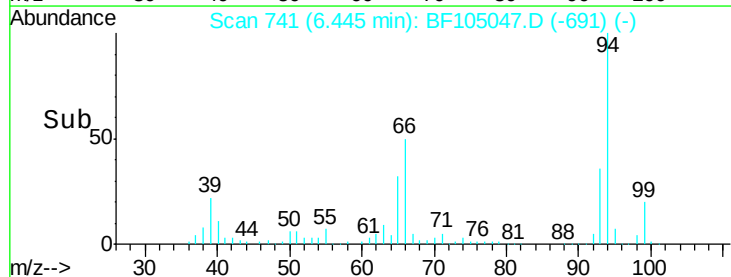
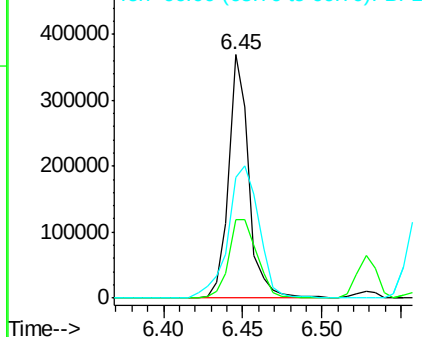


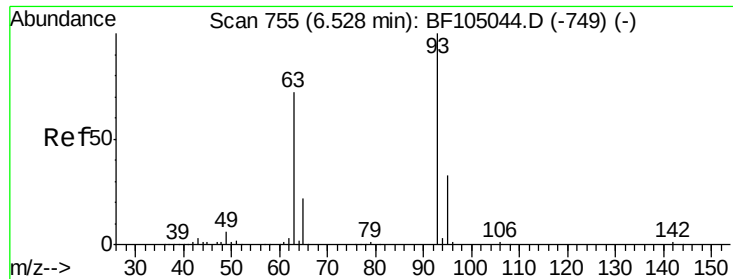
#10
Phenol
Concen: 36.945 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	49.7	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



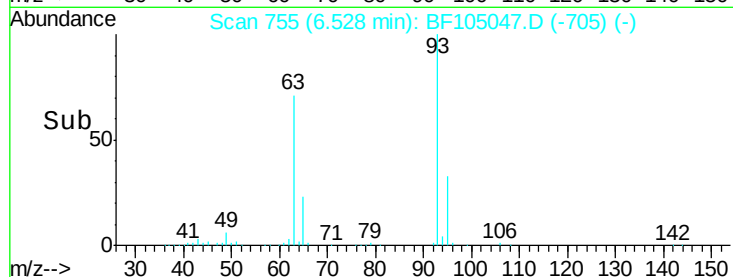
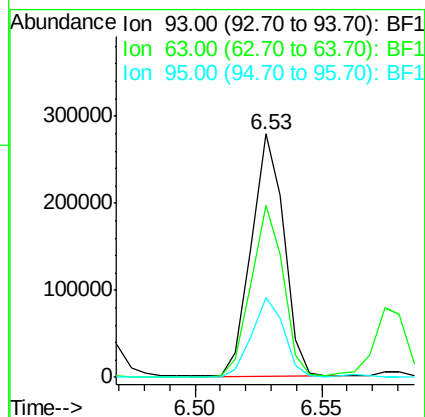
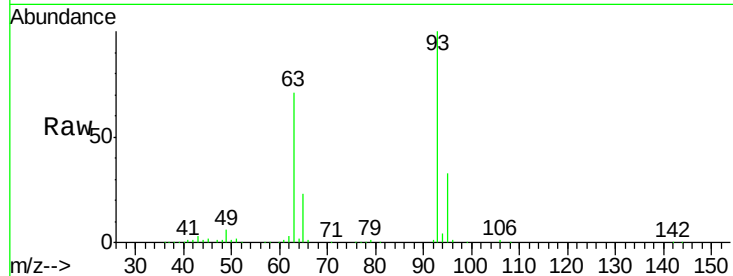


#11
bis(2-Chloroethyl)ether
Concen: 35.540 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

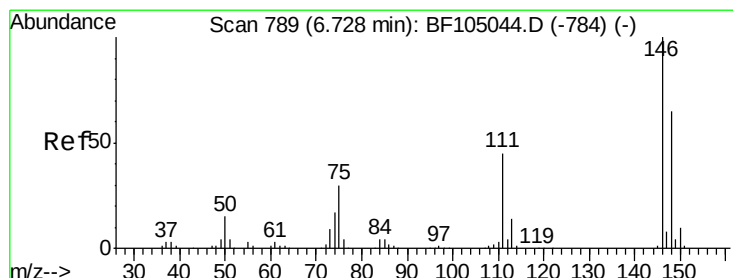
Tot Ion	93	Resp	249863
Ion Ratio	Lower	Upper	
93	100		
63	70.8	58.6	98.6
95	32.8	11.8	51.8

Manual Integrations
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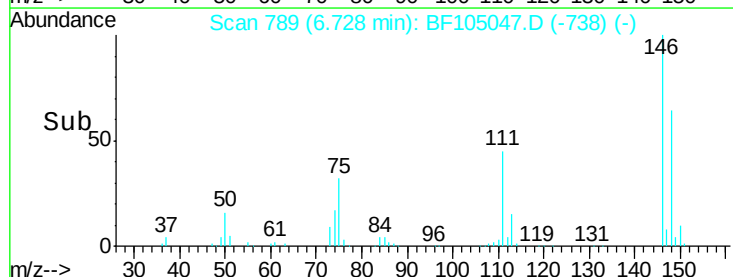
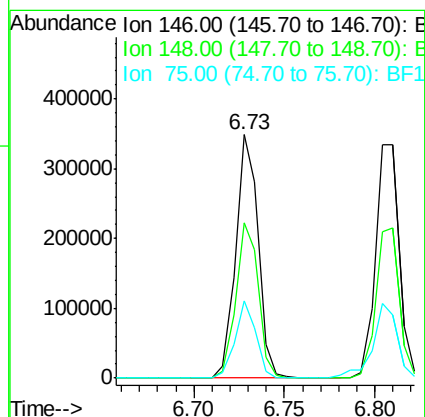
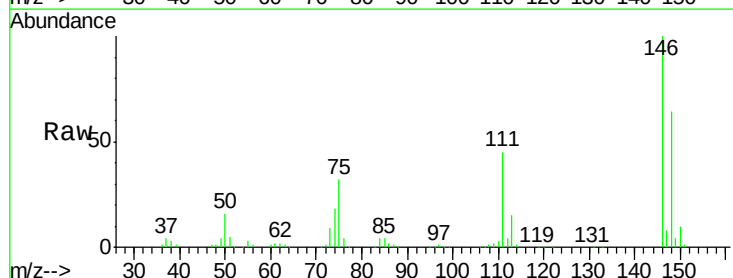
Sohil

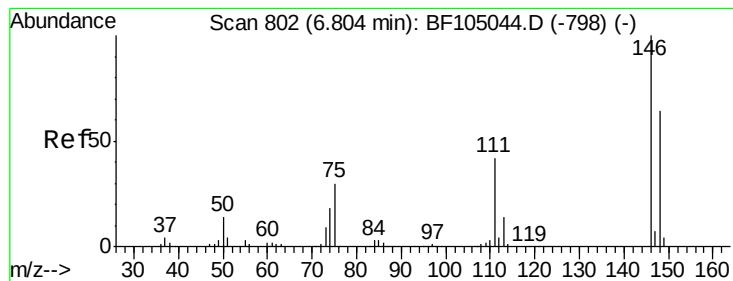
5/3/2018 5:00:53 PM



#12
1,3-Dichlorobenzene
Concen: 37.085 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	146	Resp	299667
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	32.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.033 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Tot Ion:	146	Resp:	306355
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.8	76.2
111	43.4	34.2	51.2

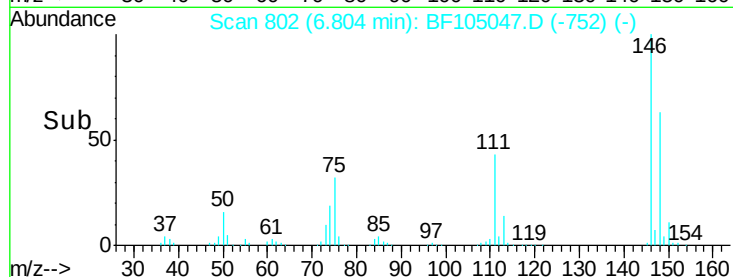
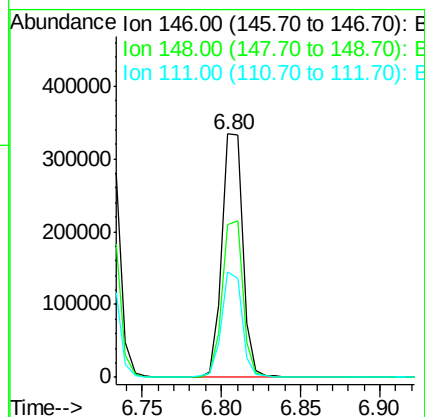
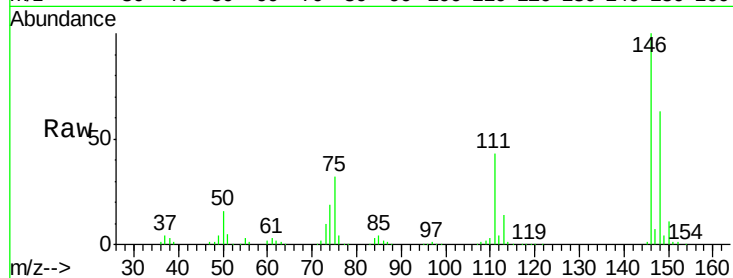
Instrument :

BNA_F

ClientSampleId :

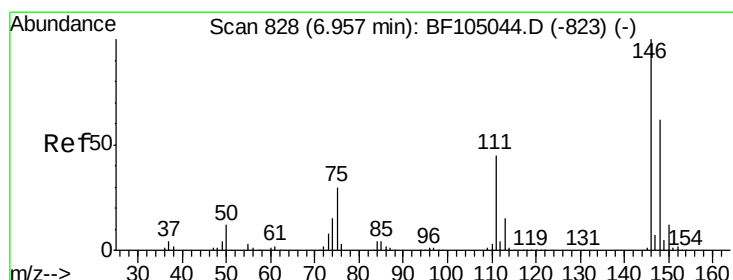
SSTDCCC040

Manual Integrations
APPROVED



Sohil

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#14

1,2-Dichlorobenzene

Concen: 38.313 ng

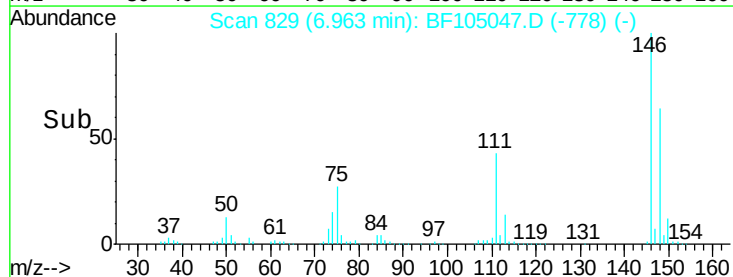
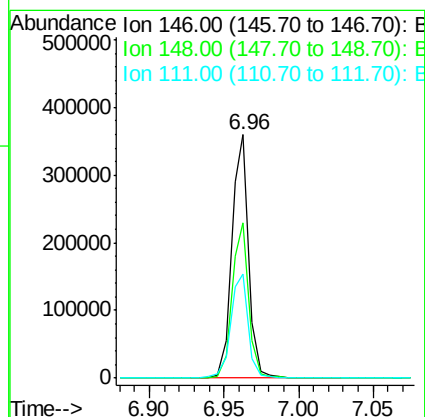
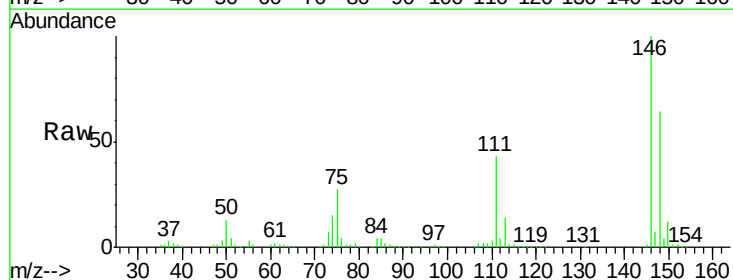
RT: 6.96 min Scan# 829

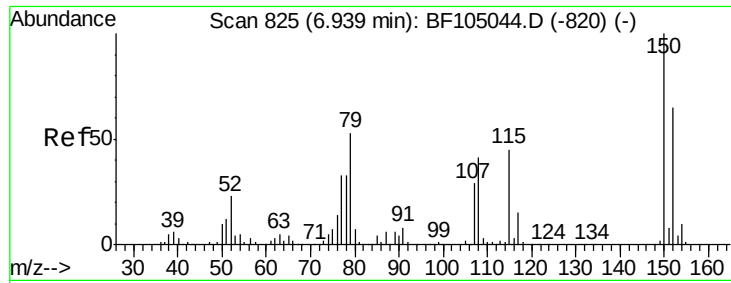
Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Tgt Ion:	146	Resp:	285989
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	42.6	36.0	54.0



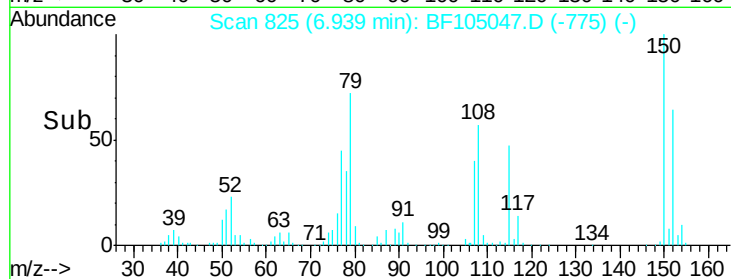
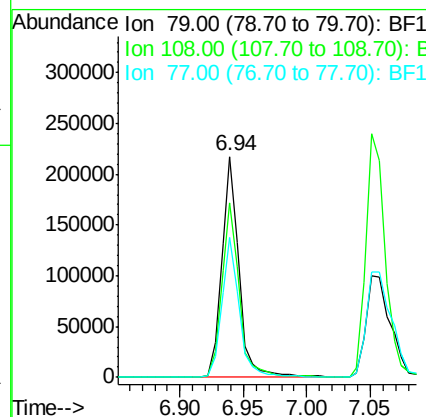
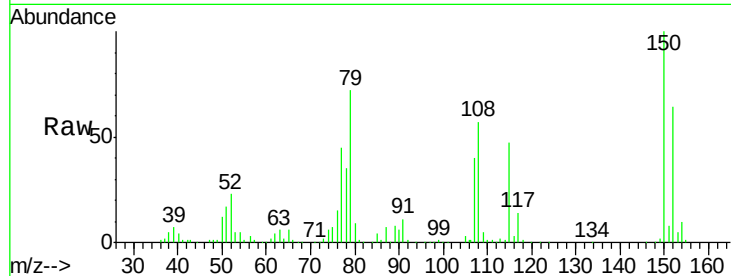


#15
Benzyl Alcohol
Concen: 33.026 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

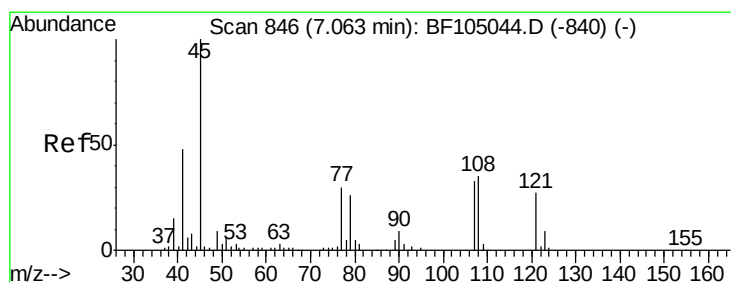
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.1	97.7
77	63.2	50.6	75.8

Manual Integrations
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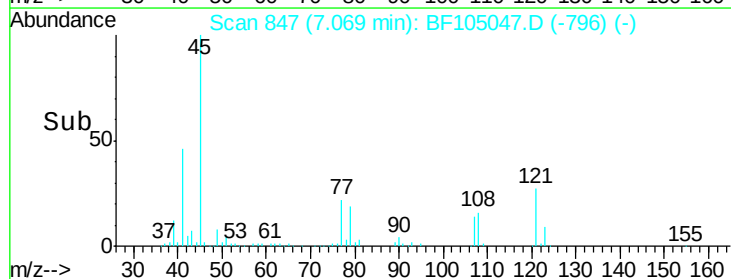
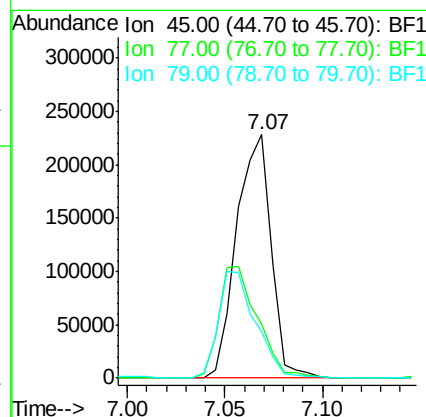
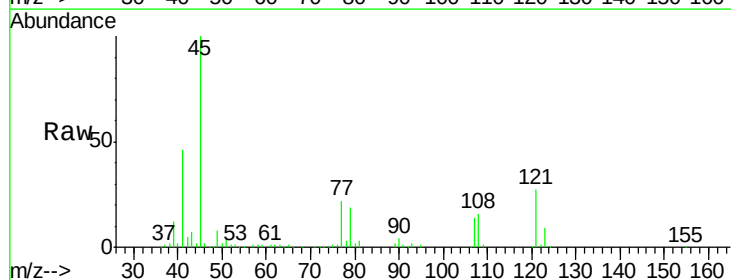
Sohil

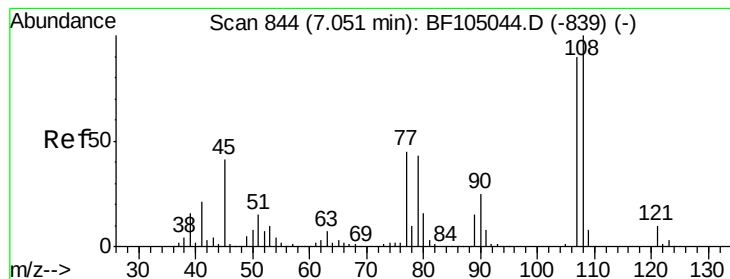
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.628 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.5	0.0	32.9
79	19.1	0.0	29.6



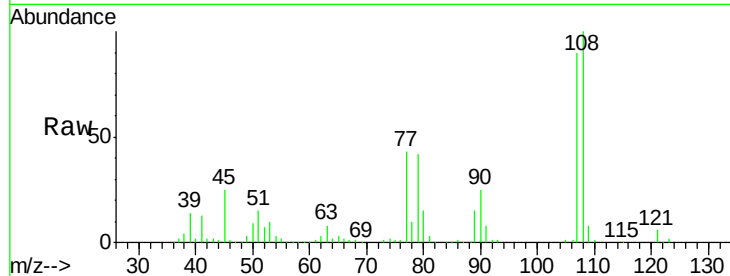


#17
2-Methylphenol
Concen: 36.396 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

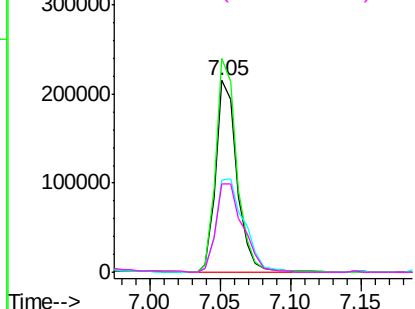
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	225659
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	48.0	33.8	50.8
79	46.2	33.8	50.8

Manual Integrations
APPROVED

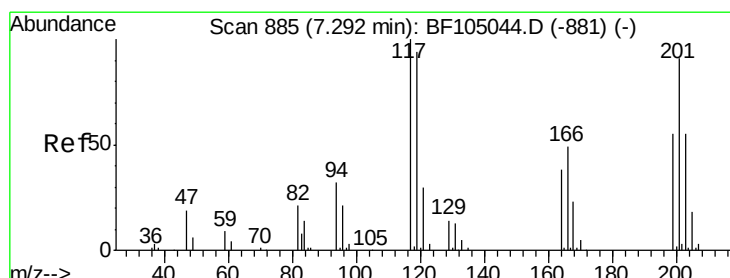
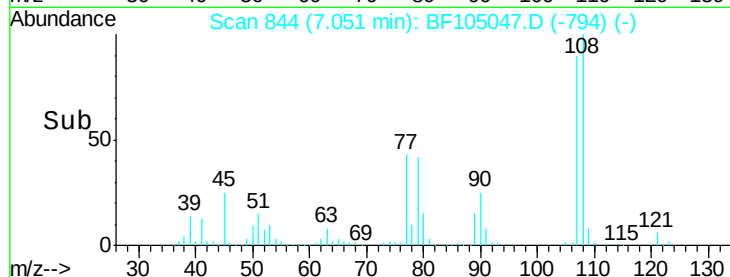


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



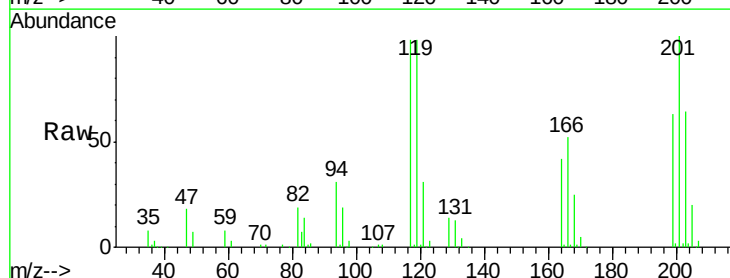
Sohil

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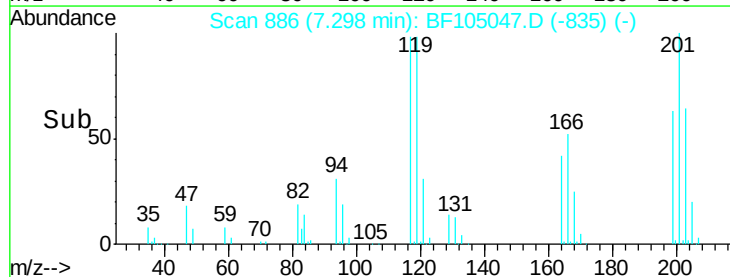
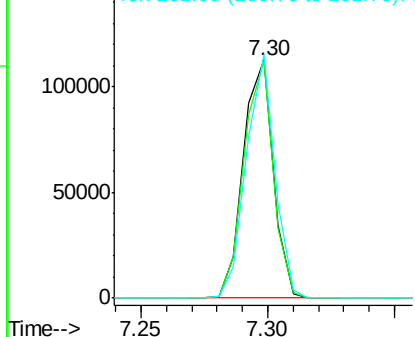


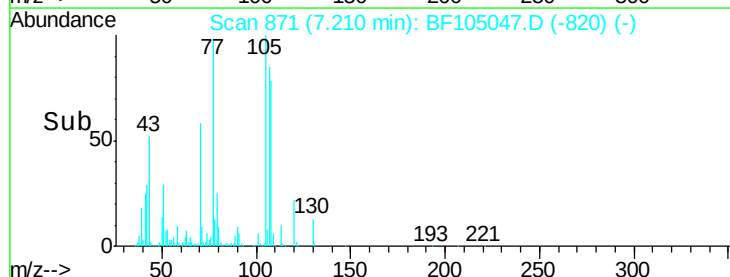
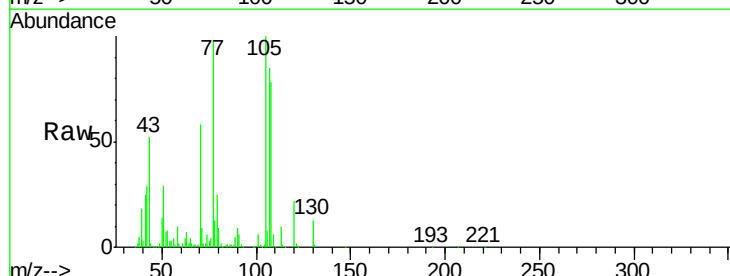
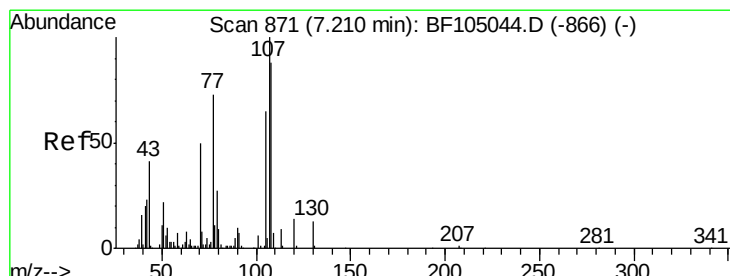
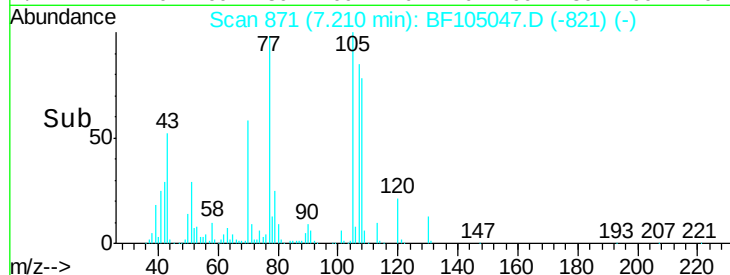
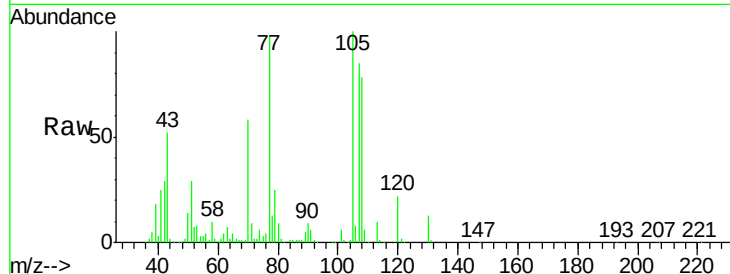
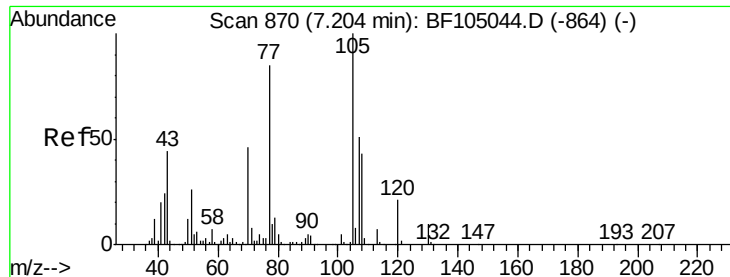
#18
Hexachloroethane
Concen: 32.241 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	117	Resp	92594
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.8	113.8
201	102.1	75.7	113.5



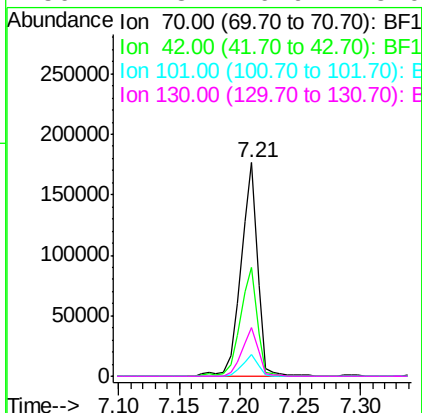
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 31.463 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	47.5	71.3	
101	10.2	7.4	11.2	
130	22.8	16.6	25.0	



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

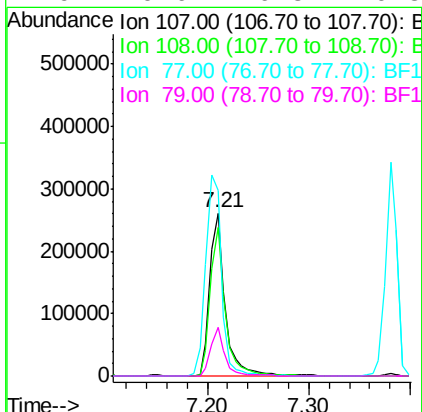
Manual Integrations
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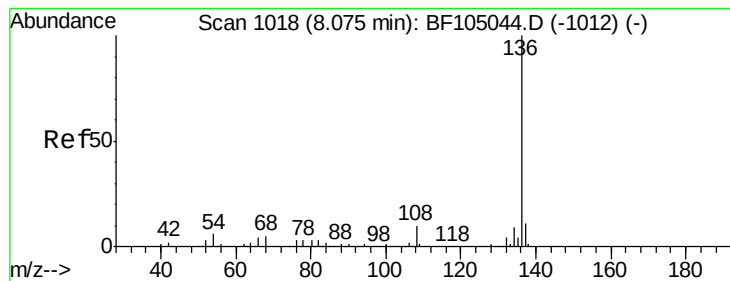
Sohil

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#20
3+4-Methylphenols
Concen: 36.112 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	68.2	108.2	
77	114.2	26.7	66.7#	
79	29.6	6.3	46.3	



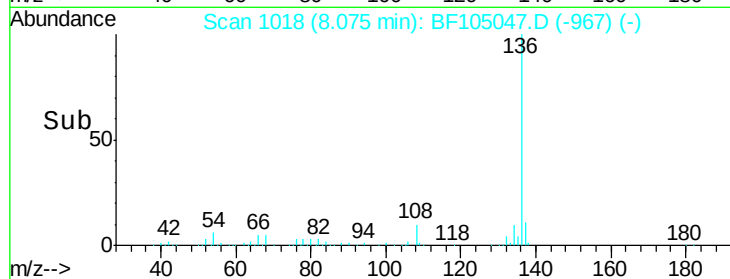
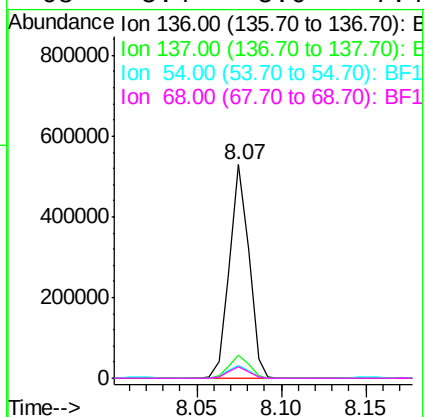
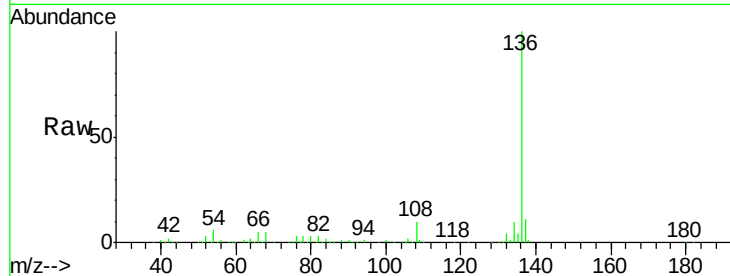


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

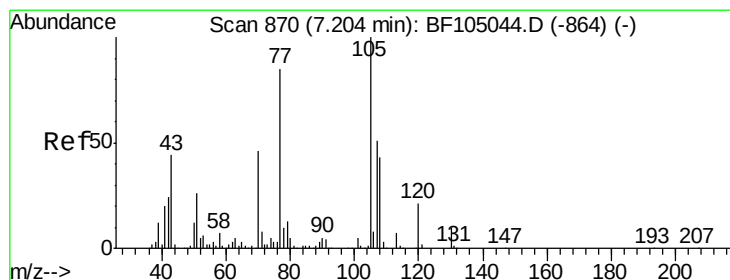
Tot Ion	Ratio	Resp	Lower	Upper
136	100	423632		
137	10.9		8.9	13.3
54	6.2		6.6	9.8#
68	5.4		5.0	7.4

Manual Integrations
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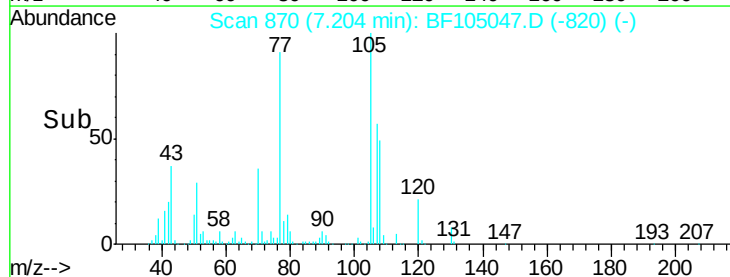
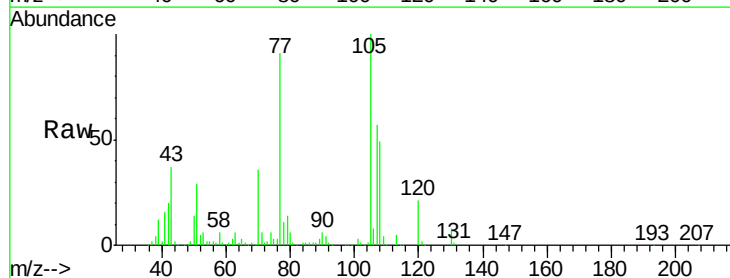
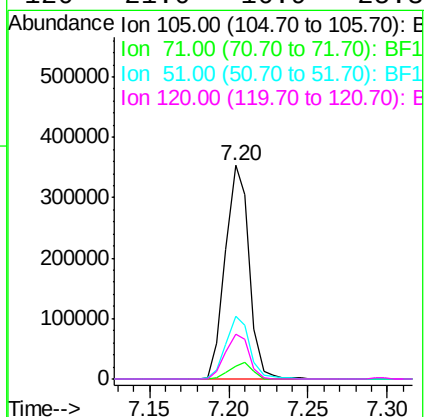
Sohil

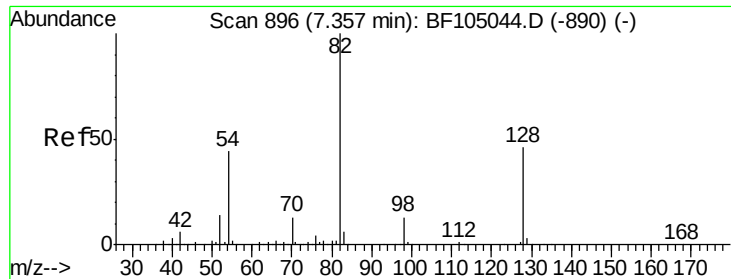
5/3/2018 5:00:53 PM



#22
Acetophenone
Concen: 35.257 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367711		
71	6.1		4.4	6.6
51	29.1		22.3	33.5
120	21.0		16.9	25.3



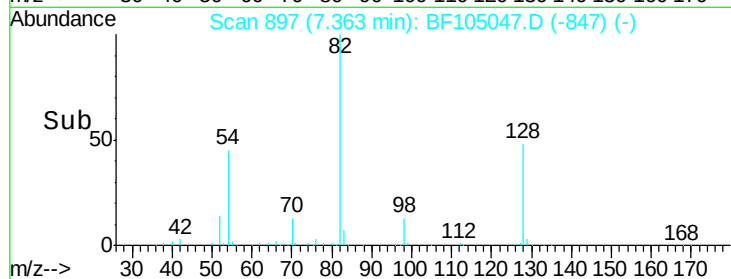
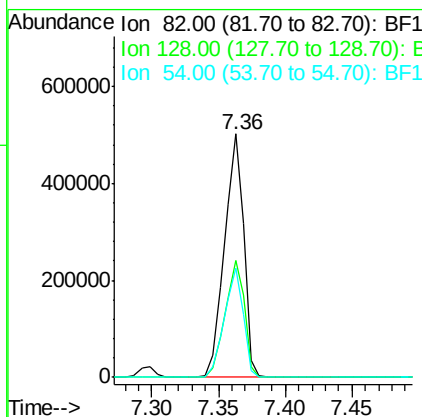
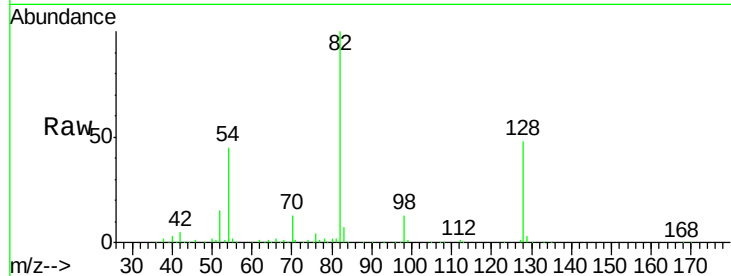


#23
Nitrobenzene-d5
Concen: 79.409 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

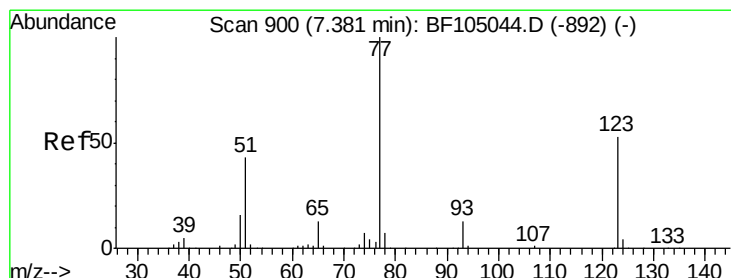
Tot Ion	82	Resp	515179
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.9	41.4	62.2

Manual Integrations
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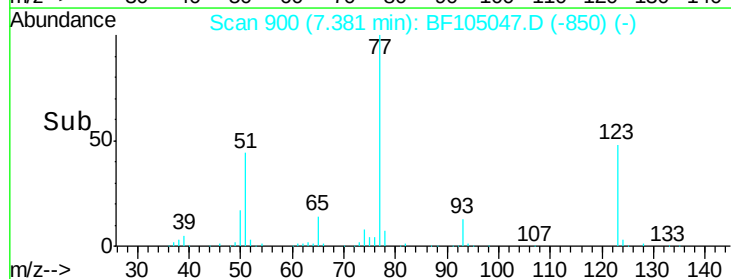
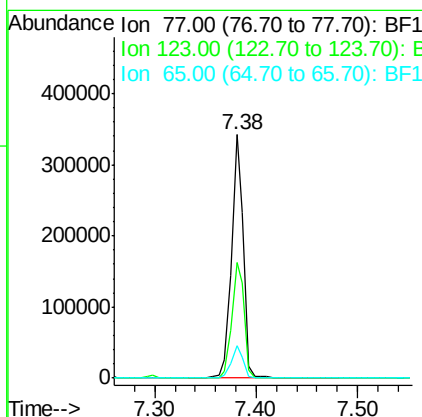
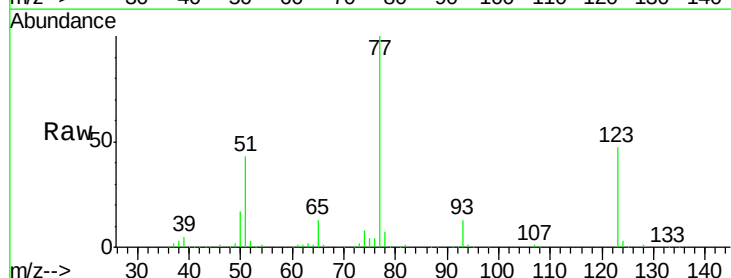
Sohil

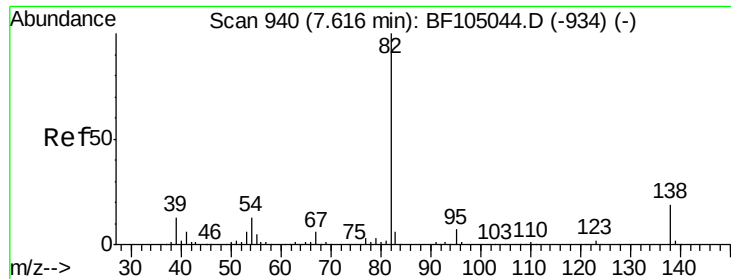
5/3/2018 5:00:53 PM



#24
Nitrobenzene
Concen: 38.298 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	77	Resp	274321
Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.4	11.0	16.4



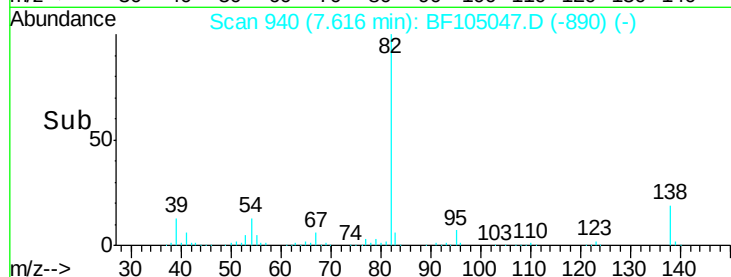
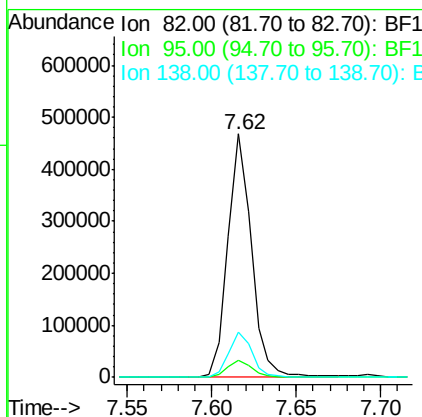
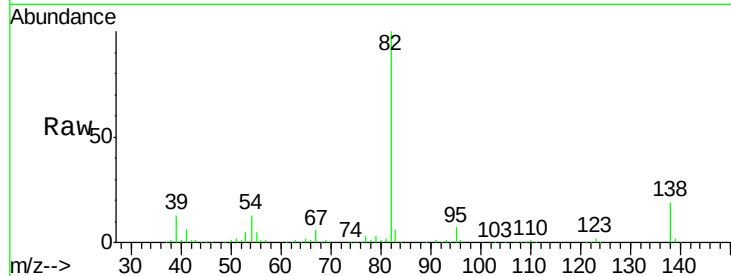


#25
Isophorone
Concen: 33.260 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

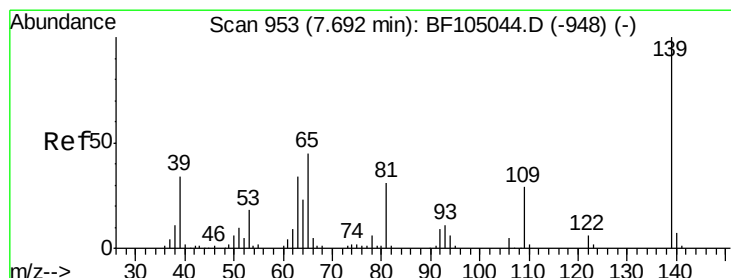
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	18.7	14.9	22.3

Manual Integrations
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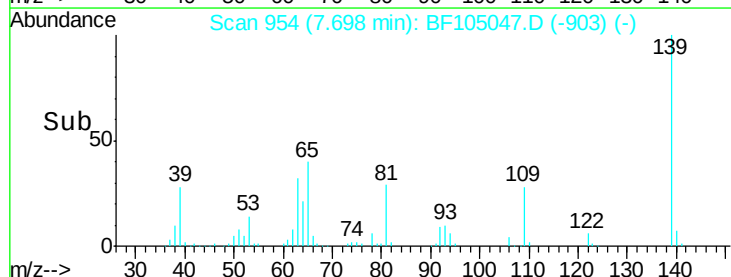
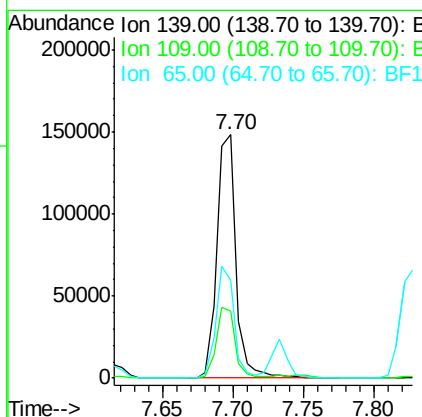
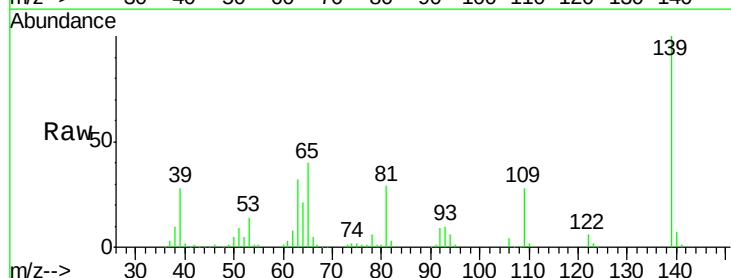
Sohil

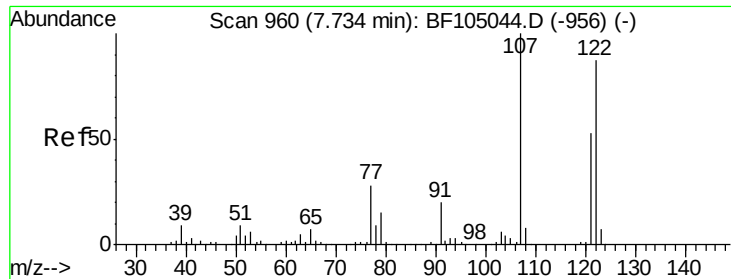
5/3/2018 5:00:53 PM



#26
2-Nitrophenol
Concen: 47.915 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	40.4	40.5	60.7#



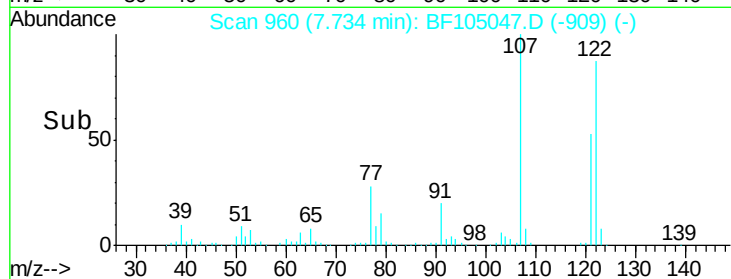
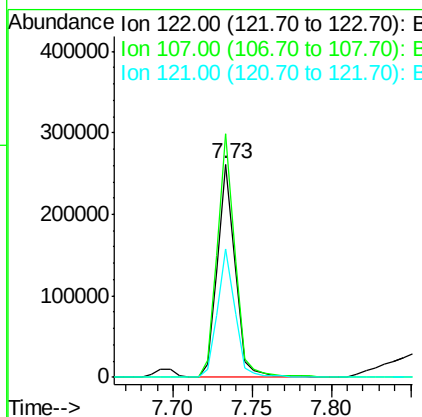
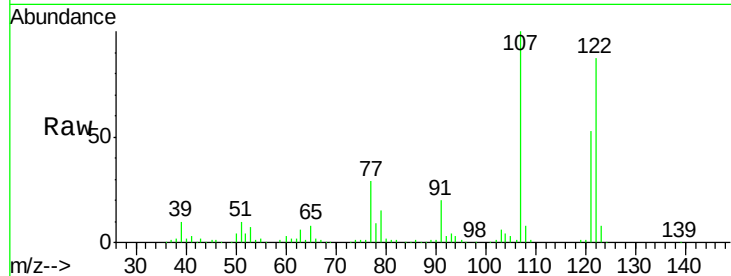


#27
2,4-Dimethylphenol
Concen: 33.464 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

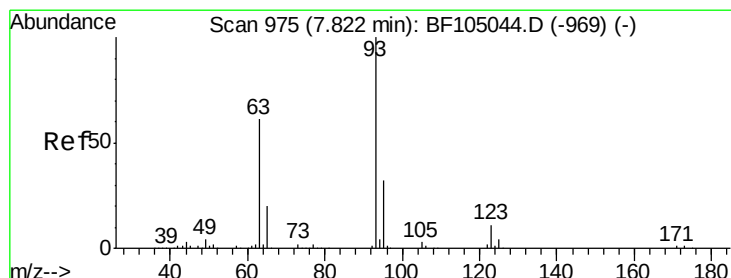
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.2	136.8
121	60.6	47.2	70.8

Manual Integrations
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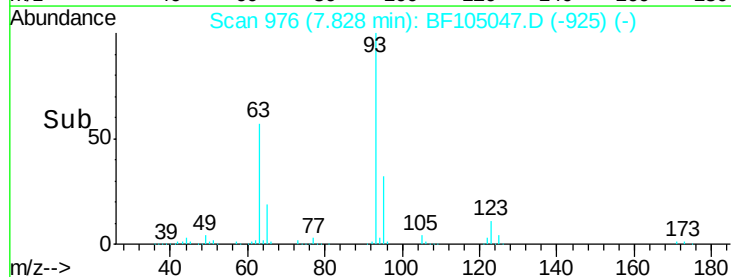
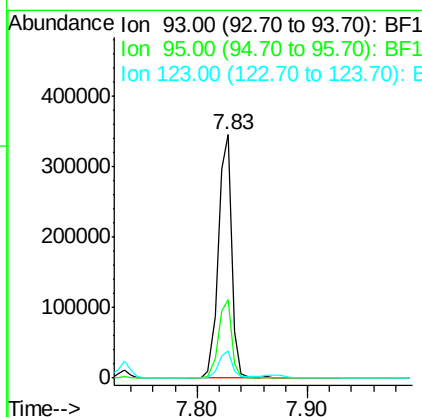
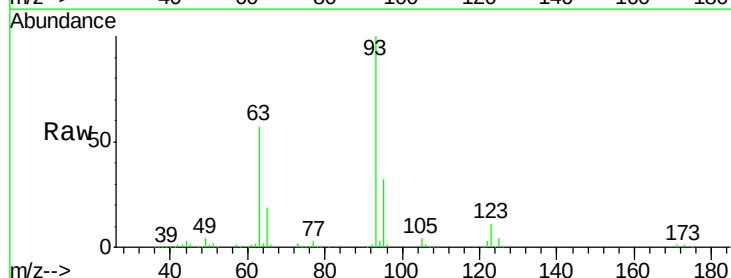
Sohil

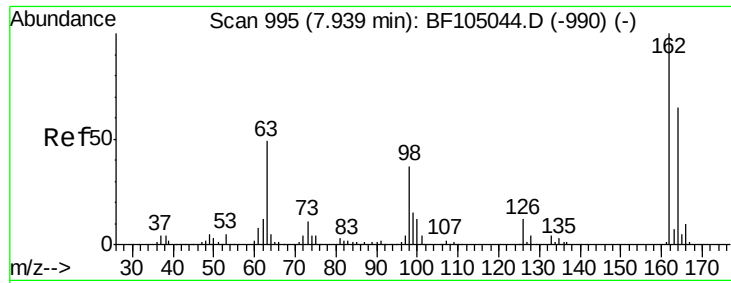
5/3/2018 5:00:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.752 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.4	9.8	14.6



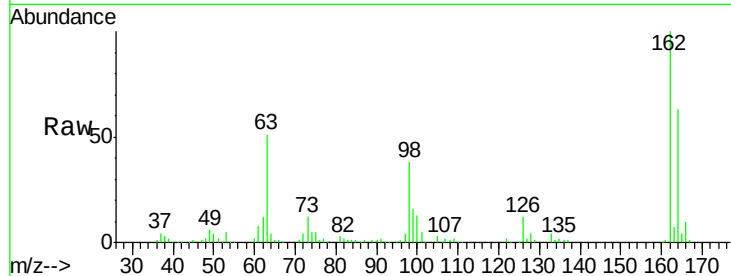


#29
 2,4-Dichlorophenol
 Concen: 37.436 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

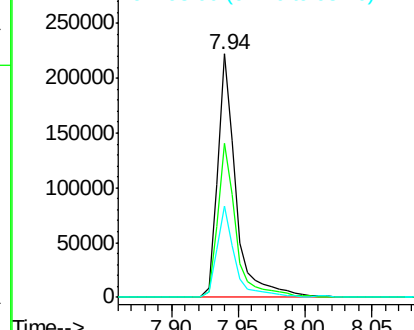
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	162	Resp:	216272
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	37.5	18.1	58.1

Manual Integrations
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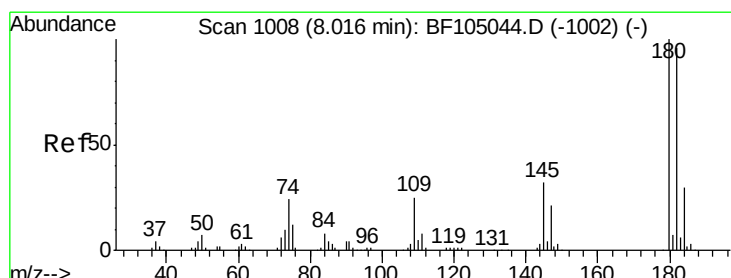
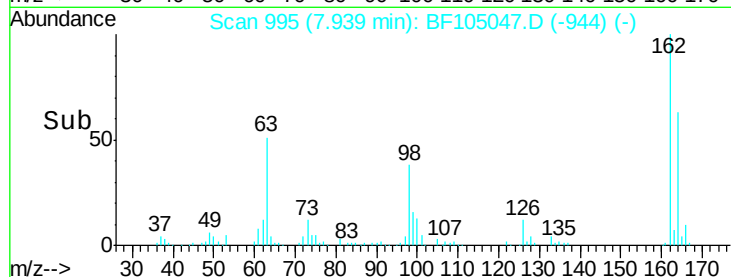


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



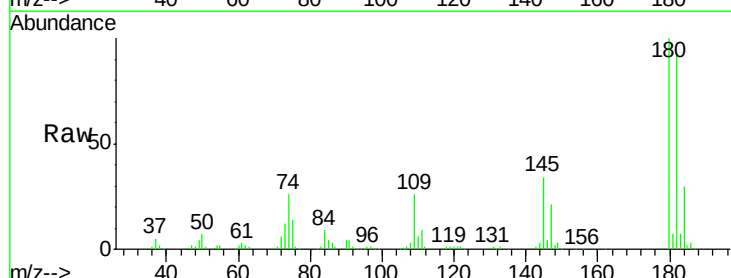
Sohil

5/3/2018 5:00:53 PM

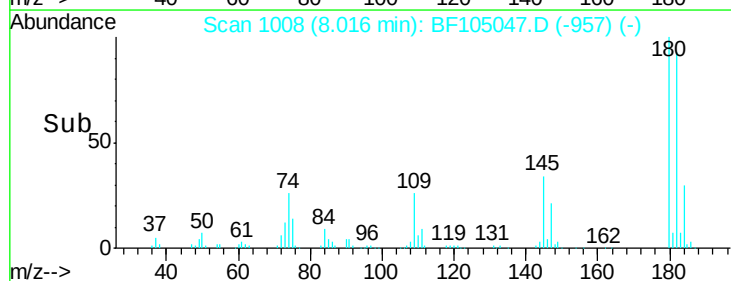
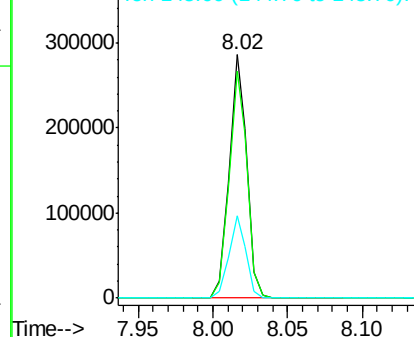


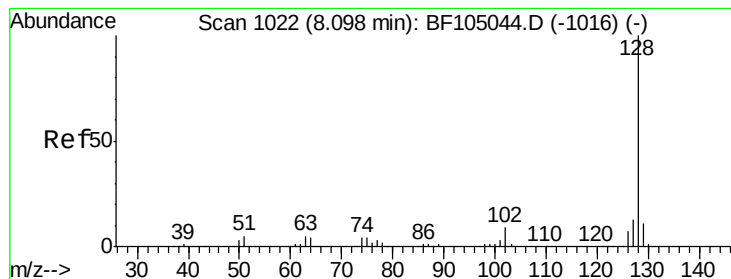
#30
 1,2,4-Trichlorobenzene
 Concen: 37.744 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion:	180	Resp:	239301
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.8	115.2
145	33.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.263 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

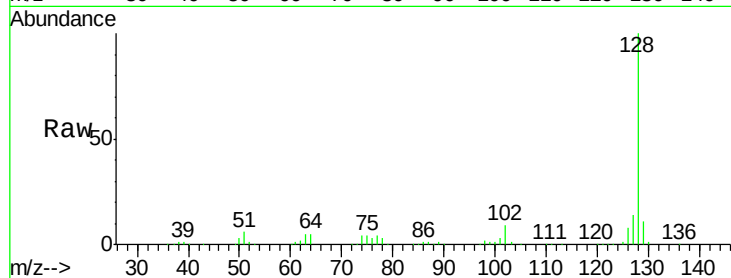
BNA_F

ClientSampleId :

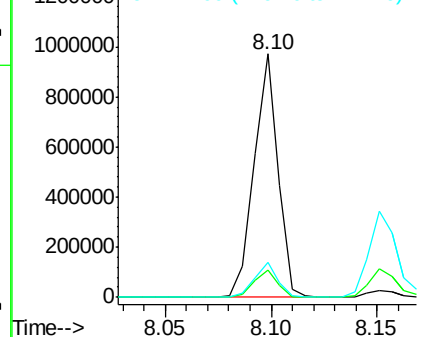
SSTDCCC040

Tot Ion:	128	Resp:	764950
Ion Ratio		Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.2	10.9	16.3

Manual Integrations
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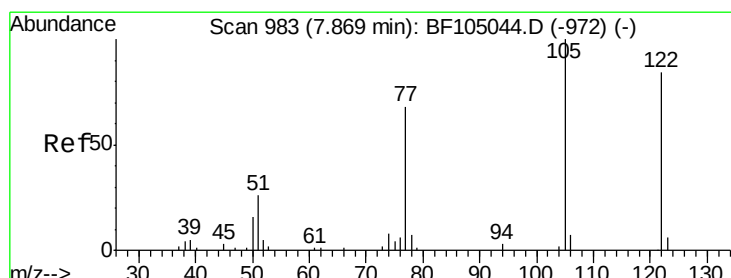
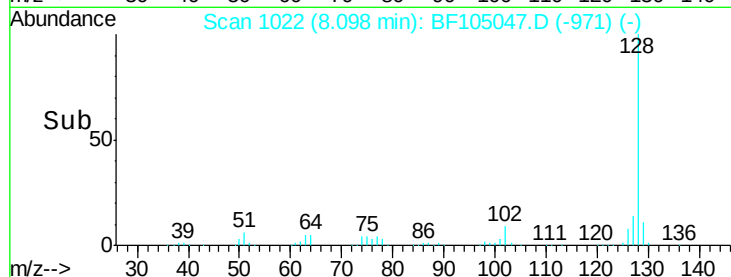


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Sohil

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#32

Benzoic acid

Concen: 29.509 ng m

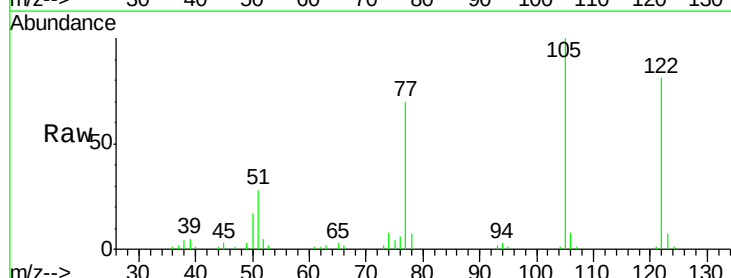
RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

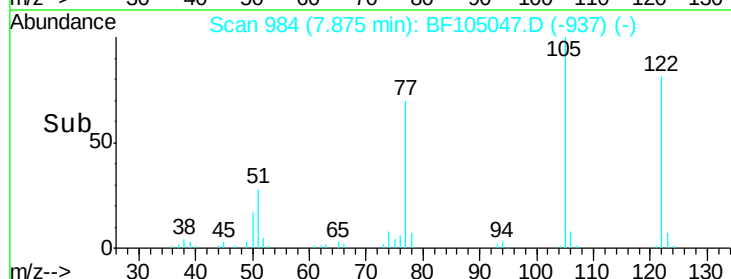
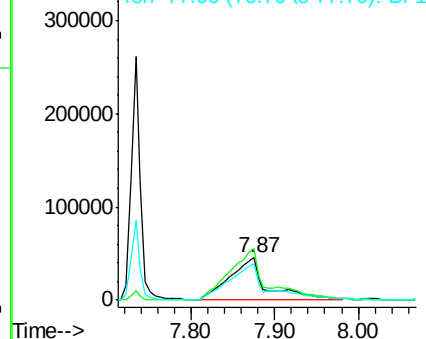
Lab File: BF105047.D

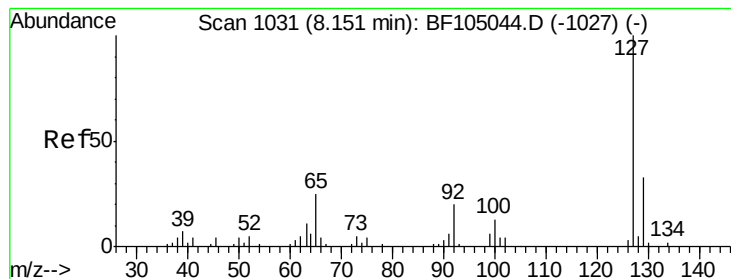
Acq: 2 May 2018 23:24

Tgt Ion:	122	Resp:	142555
Ion Ratio		Lower	Upper
122	100		
105	122.9	101.1	141.1
77	85.4	70.7	110.7



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): BF1





#33

4-Chloroaniline

Concen: 36.539 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

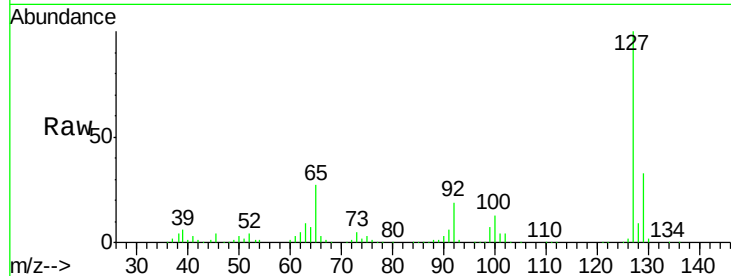
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	127	Resp:	330213
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	27.4	25.0	37.4
92	19.3	15.2	22.8

Manual Integrations
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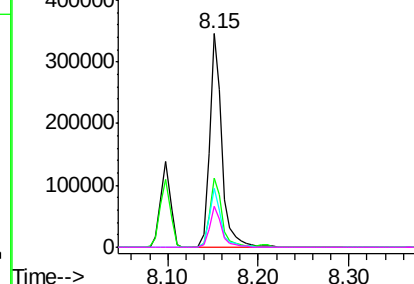
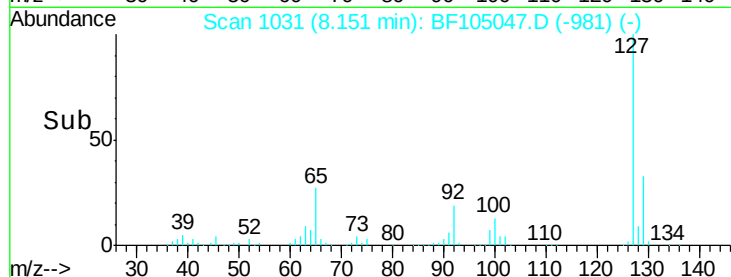


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

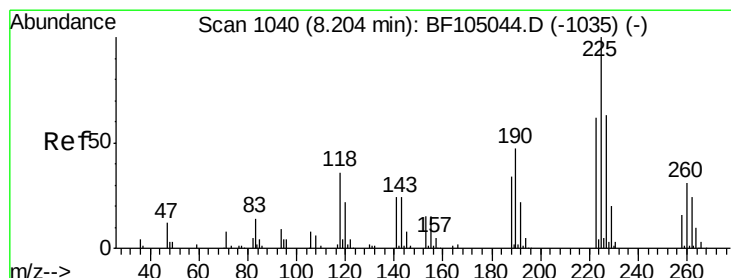
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



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#34

Hexachlorobutadiene

Concen: 38.836 ng

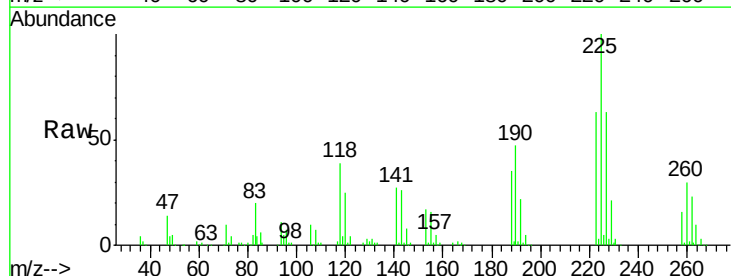
RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

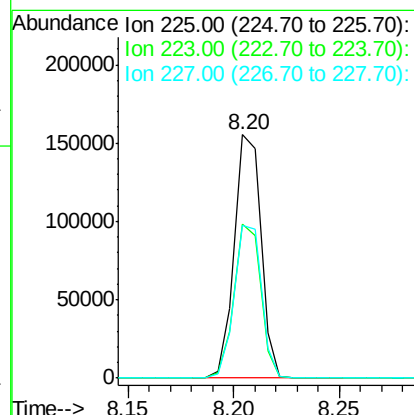
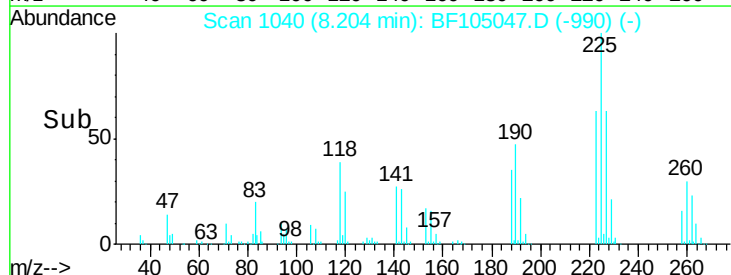
Tgt Ion:	225	Resp:	134867
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	62.9	51.9	77.9

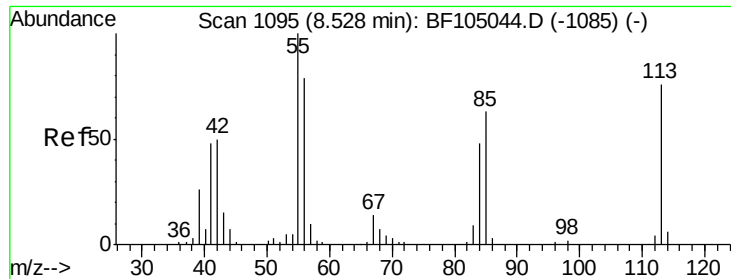


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



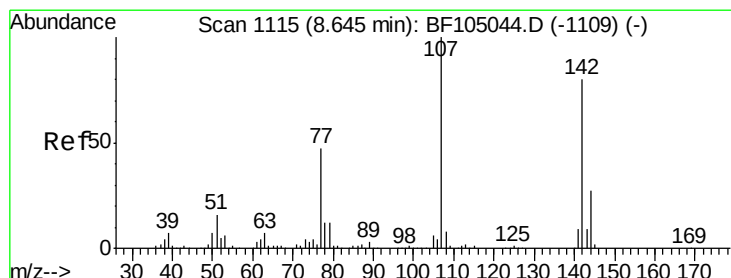
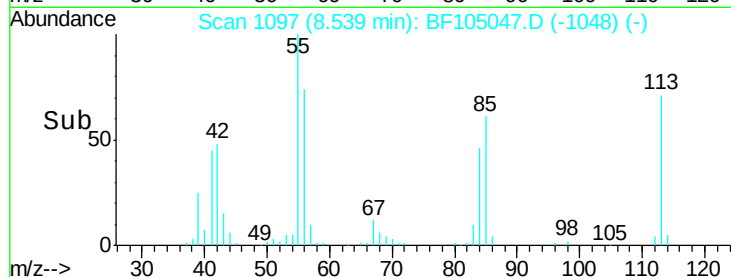
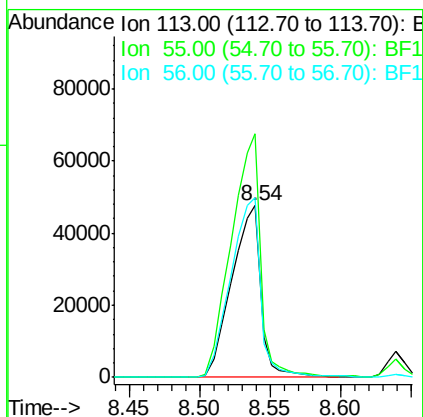
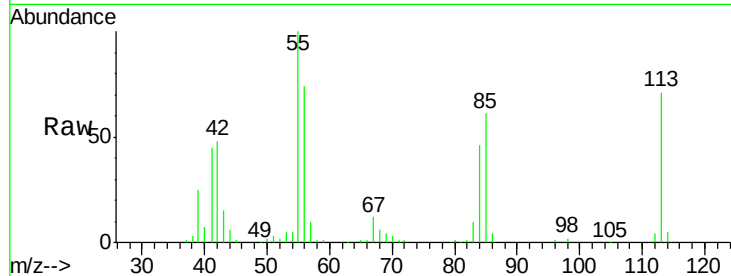


#35
 Caprolactam
 Concen: 33.926 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

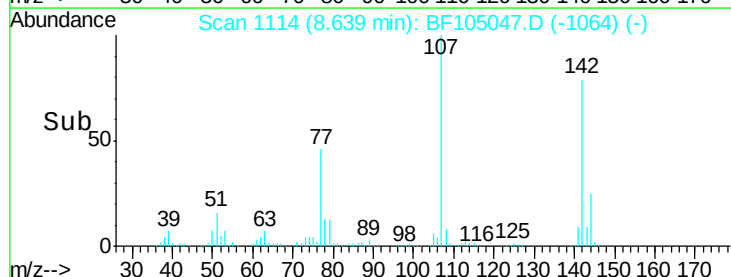
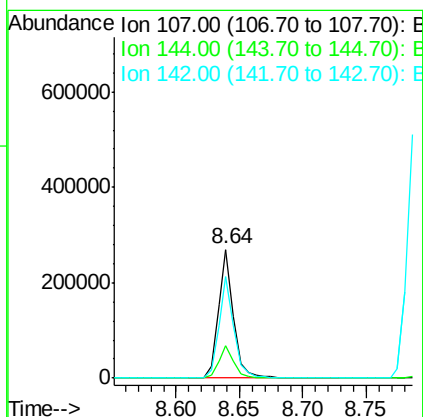
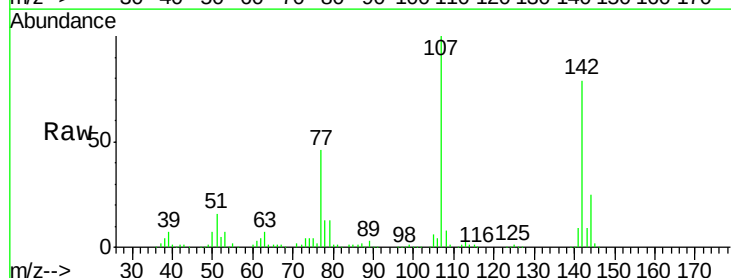
Tot Ion:113 Resp: 68371
 Ion Ratio Lower Upper
 113 100
 55 141.8 163.3 203.3#
 56 104.5 115.7 155.7#

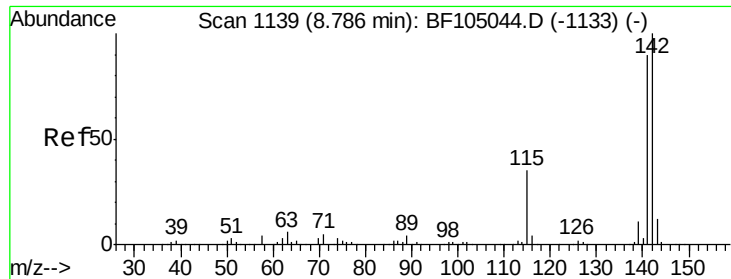
Manual Integrations
 APPROVED



#36
 4-Chloro-3-methylphenol
 Concen: 36.339 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion:107 Resp: 225103
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 78.8 62.0 93.0



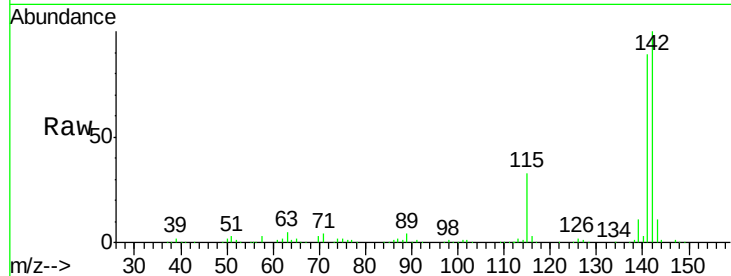


#37
2-Methylnaphthalene
Concen: 36.358 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

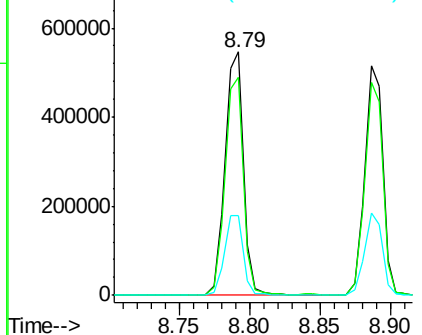
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	32.8	26.1	39.1

Manual Integrations
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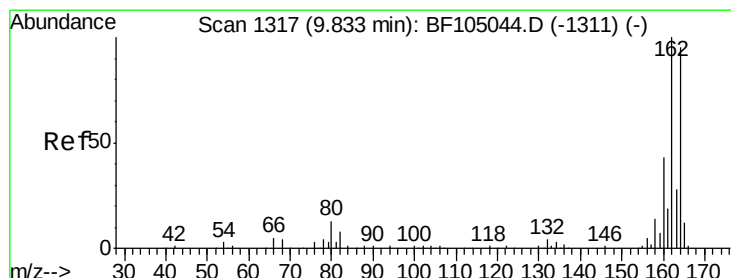
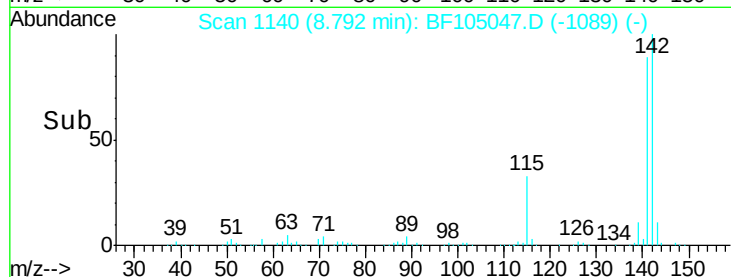


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



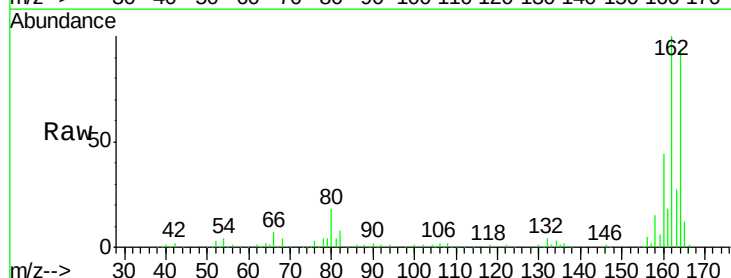
Sohil

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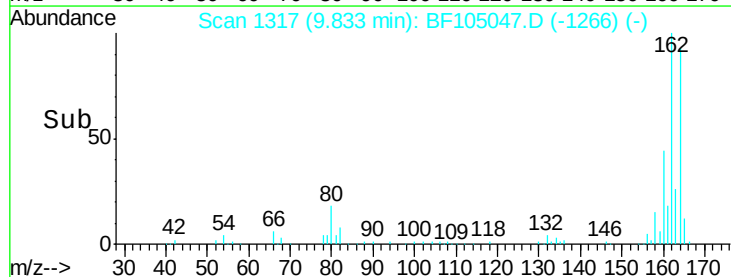
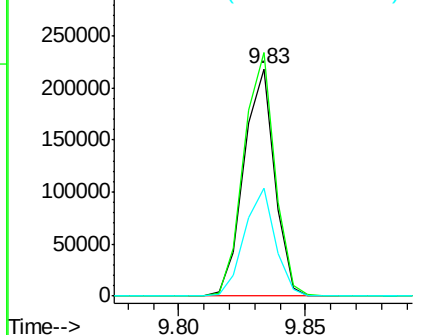


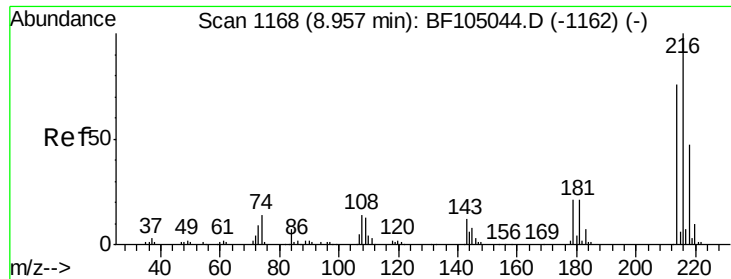
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	47.3	38.3	57.5



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



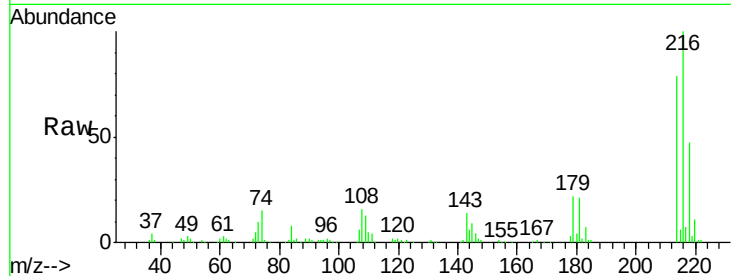


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.695 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

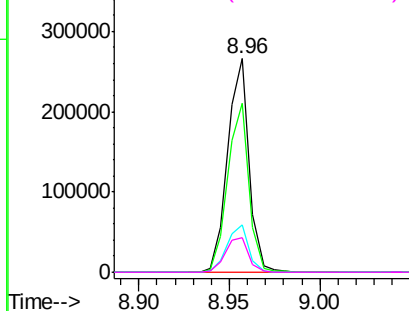
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	219569		
214	78.6	63.0	94.4	
179	22.3	18.1	27.1	
108	17.5	17.2	25.8	

Manual Integrations
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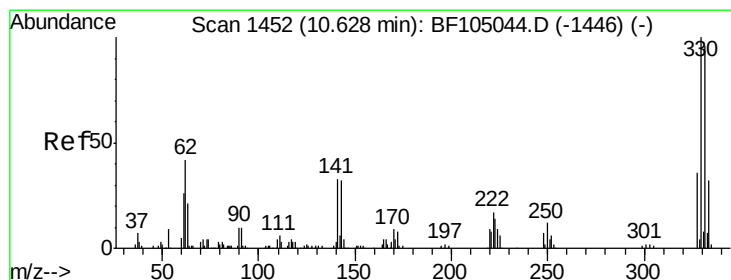
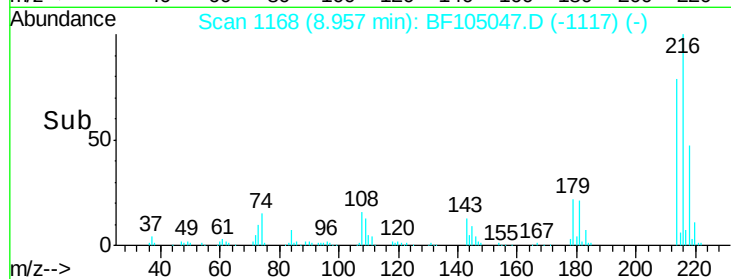


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



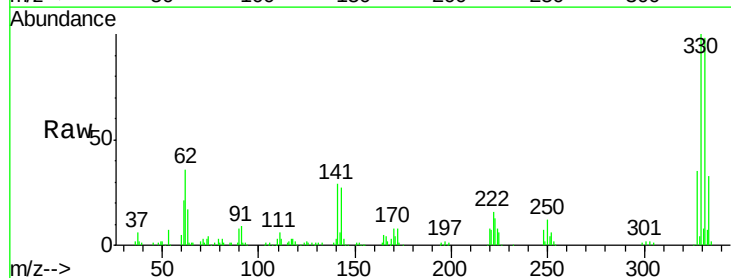
Sohil

5/3/2018 5:00:53 PM

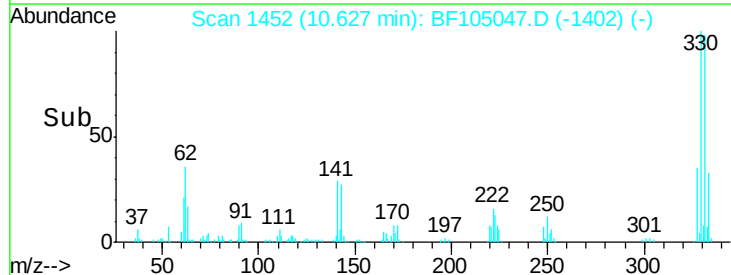
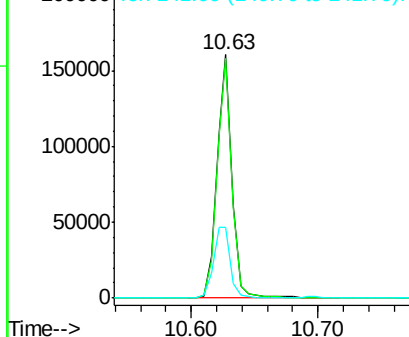


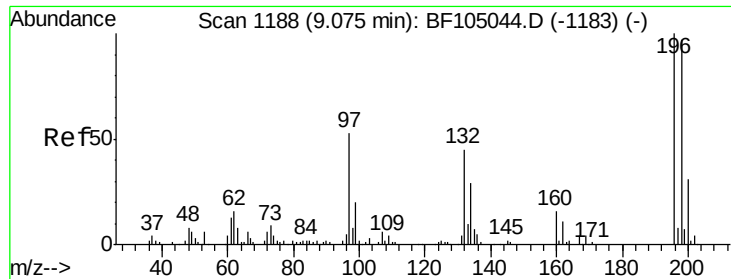
#41
 2,4,6-Tribromophenol
 Concen: 70.159 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	133883		
332	97.5	77.0	115.6	
141	33.0	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



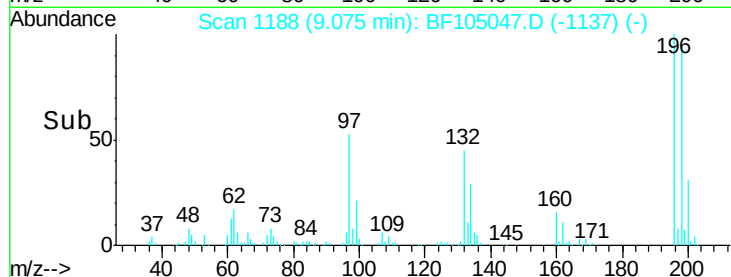
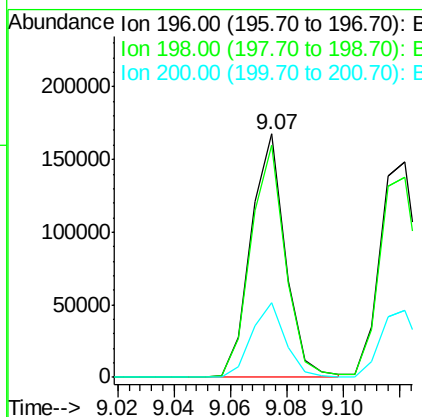
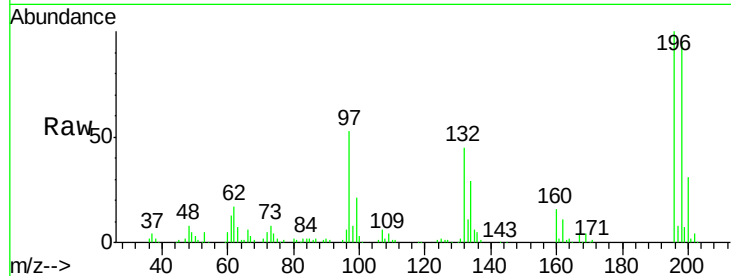


#42
 2,4,6-Trichlorophenol
 Concen: 38.676 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

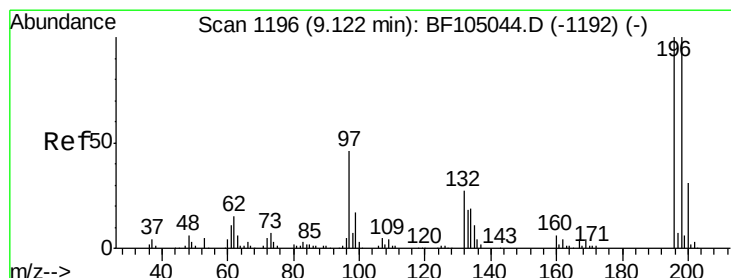
Tot Ion:	196	Resp:	141384
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
200	30.8	24.5	36.7

Manual Integrations
 APPROVED



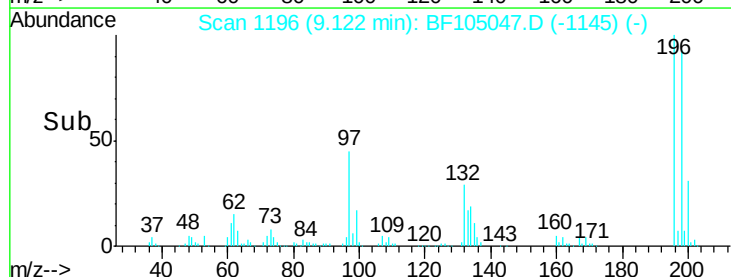
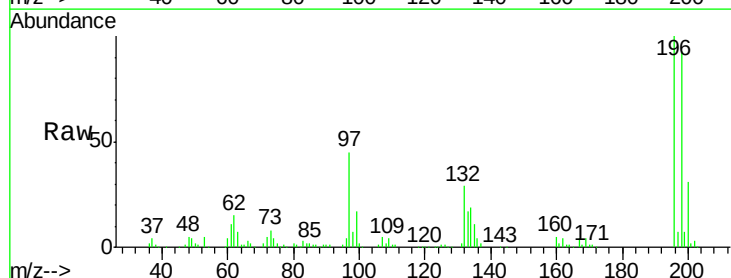
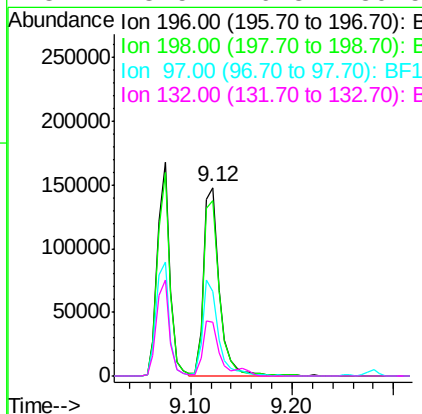
Sohil

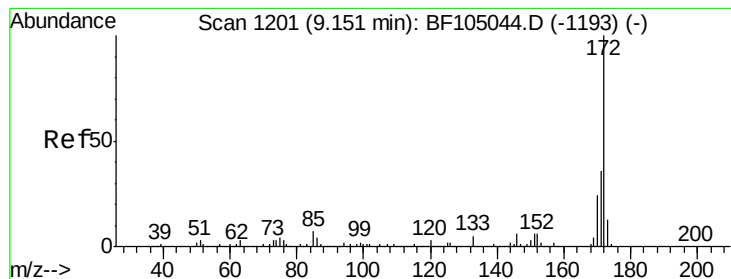
5/3/2018 5:00:53 PM



#43
 2,4,5-Trichlorophenol
 Concen: 39.102 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion:	196	Resp:	159955
Ion Ratio	Lower	Upper	
196	100		
198	93.0	74.6	112.0
97	44.7	42.9	64.3
132	28.5	26.3	39.5



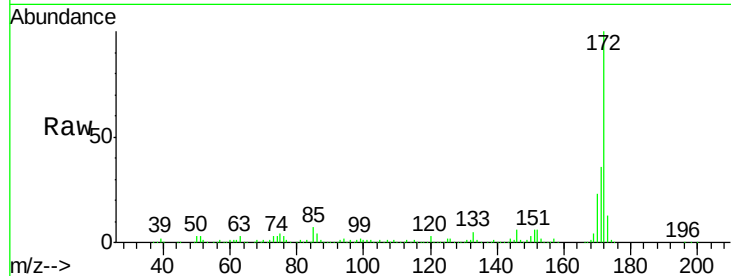


#44
 2-Fluorobiphenyl
 Concen: 79.405 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

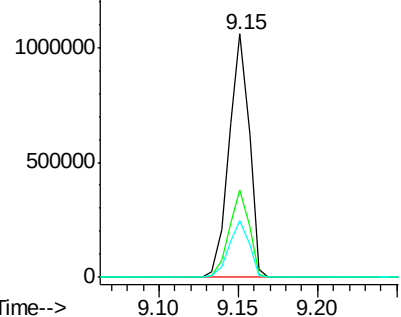
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4

Manual Integrations
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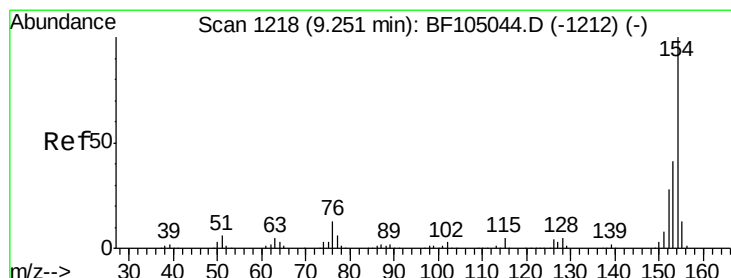
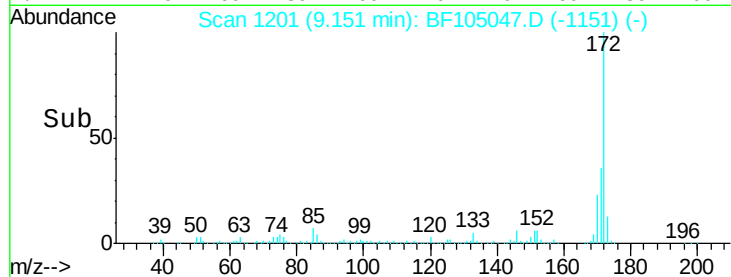


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



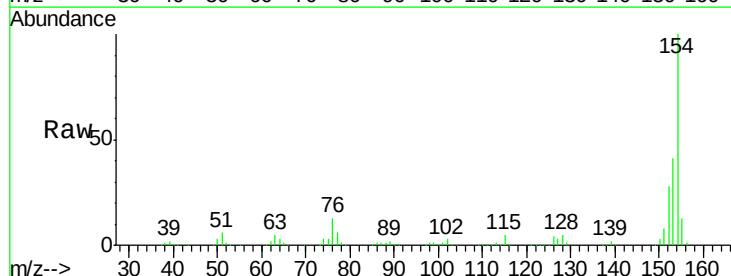
Sohil

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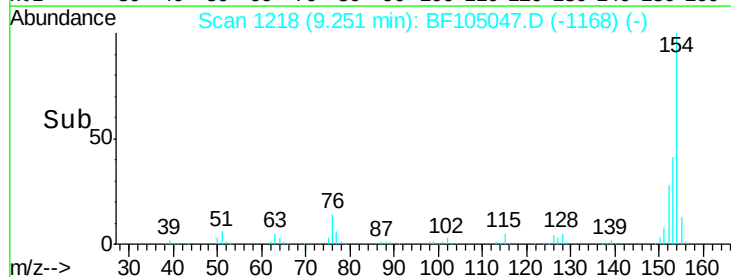
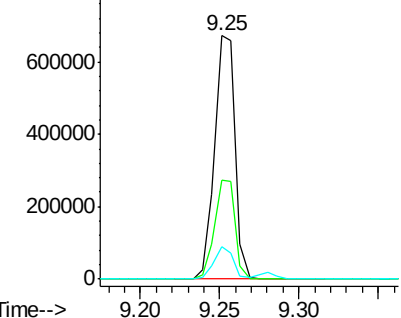


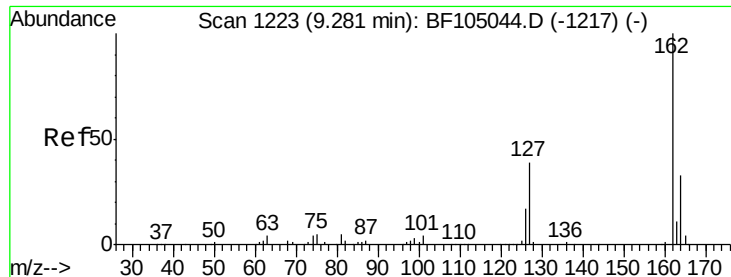
#45
 1,1'-Biphenyl
 Concen: 38.974 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.5	0.0	34.0



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): BF1



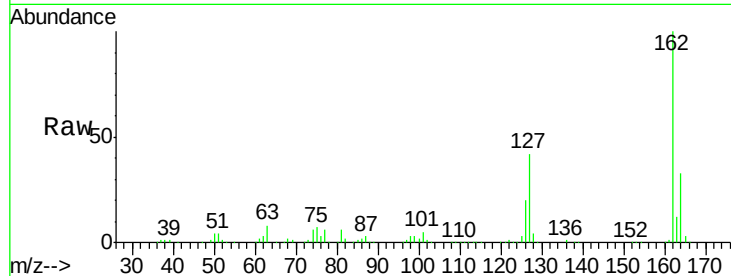


#46
 2-Chloronaphthalene
 Concen: 38.241 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

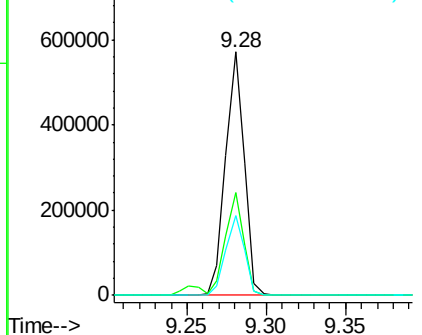
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		466797		
127	42.4		33.9	50.9	
164	32.7		26.5	39.7	

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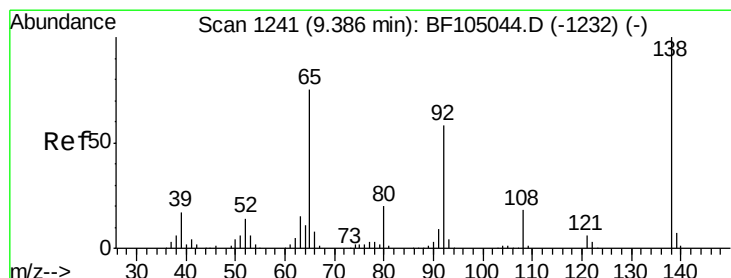
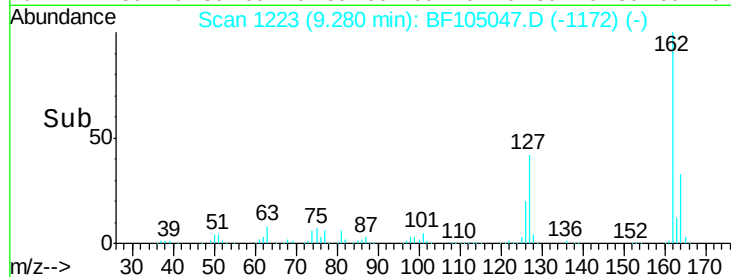


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



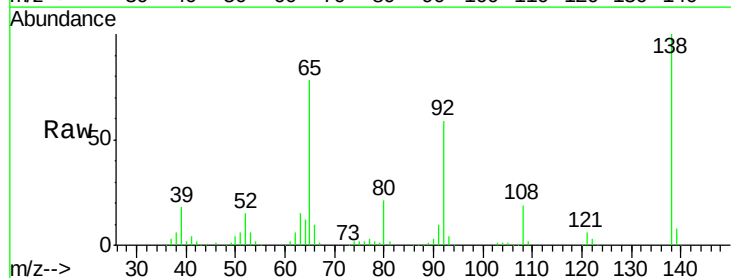
Sohil

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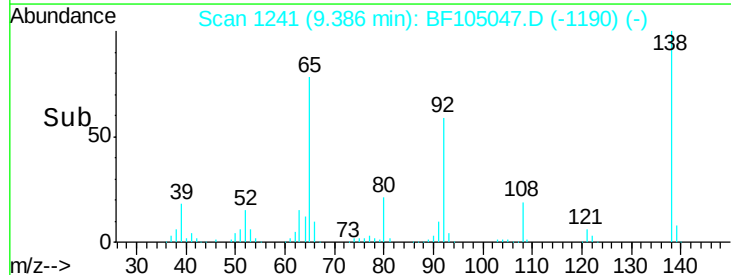
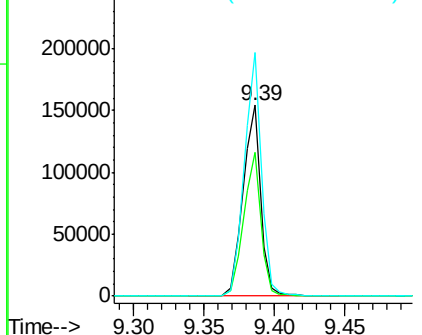


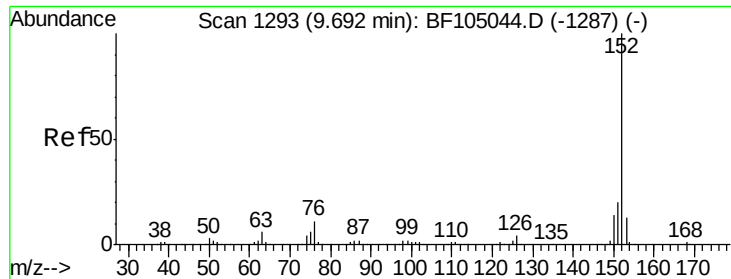
#47
 2-Nitroaniline
 Concen: 44.535 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		134440		
92	75.1		55.8	83.6	
138	127.6		91.2	136.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 35.687 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

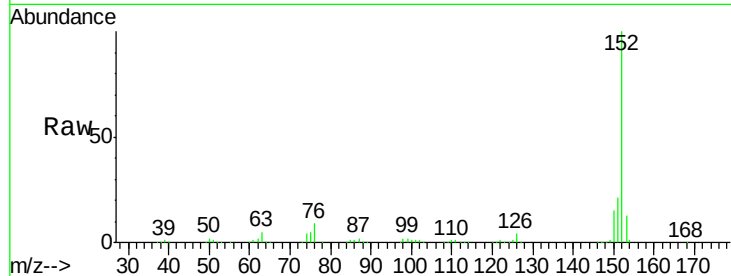
BNA_F

ClientSampleId :

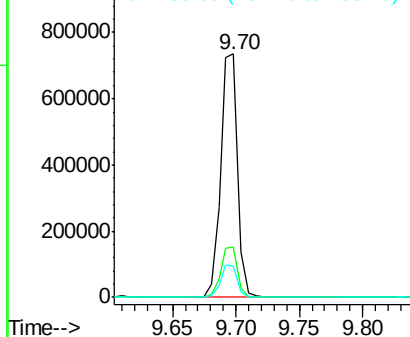
SSTDCCC040

Tot Ion:	152	Resp:	683481
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	12.6	10.7	16.1

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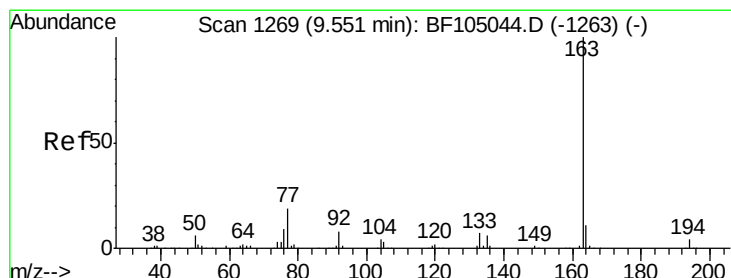
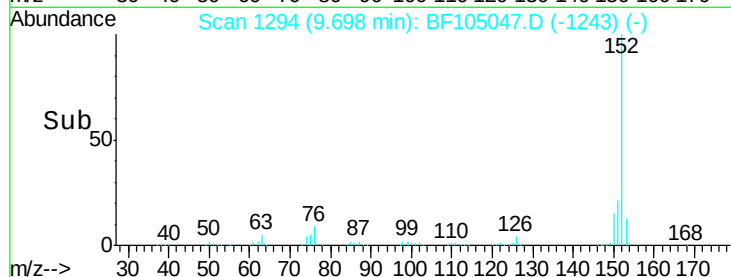


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Sohil

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#49

Dimethylphthalate

Concen: 38.662 ng

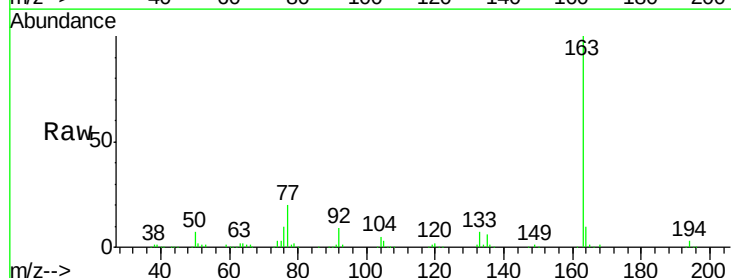
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

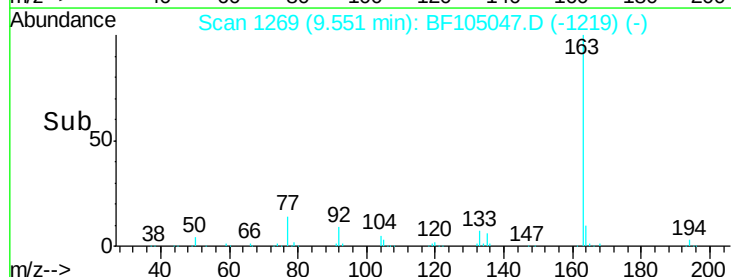
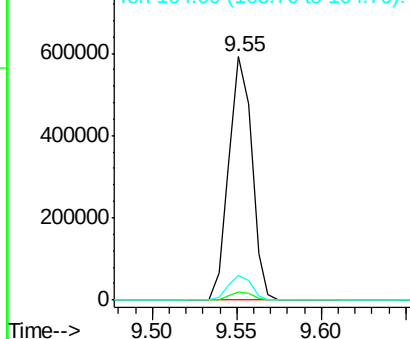
Lab File: BF105047.D

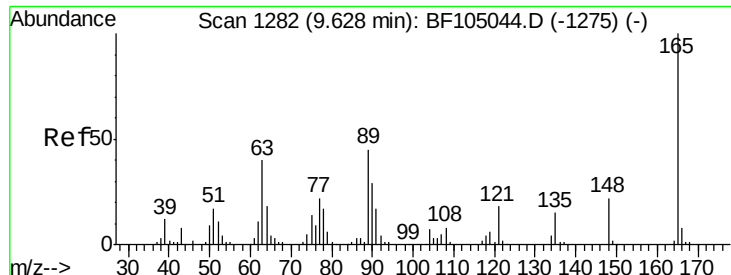
Acq: 2 May 2018 23:24

Tgt Ion:	163	Resp:	560866
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



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



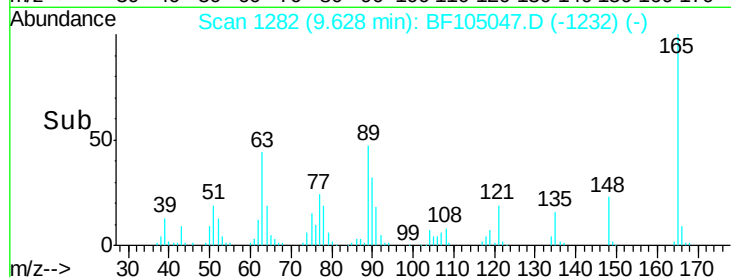
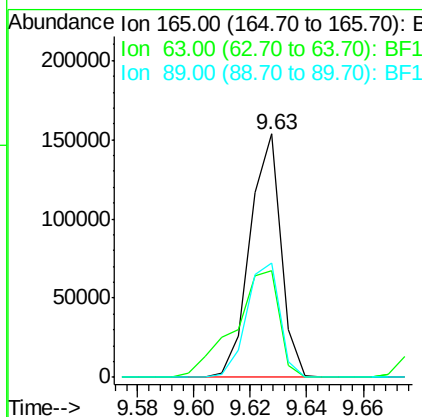
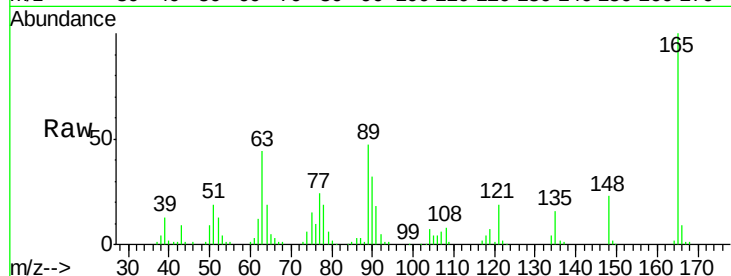


#50
 2,6-Dinitrotoluene
 Concen: 43.403 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

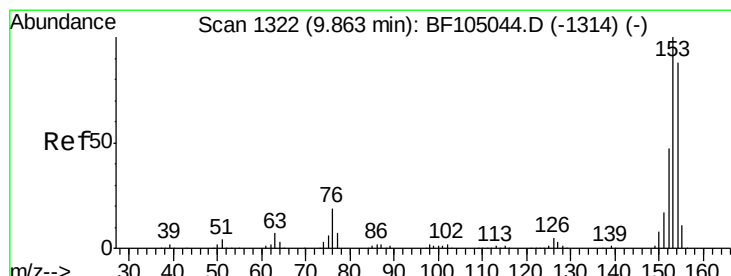
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	44.7	67.1#	
89	47.2	44.0	66.0	

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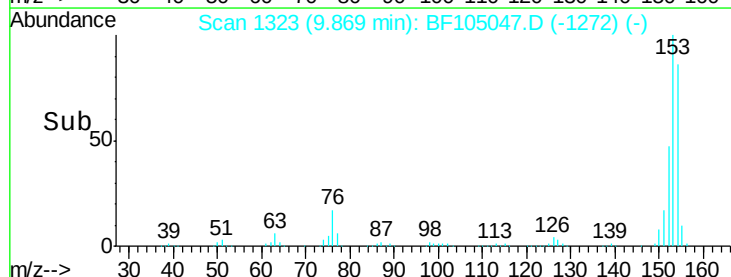
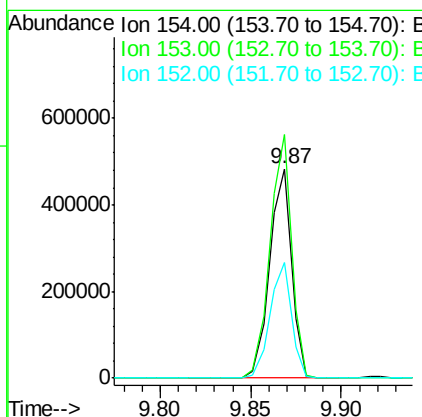
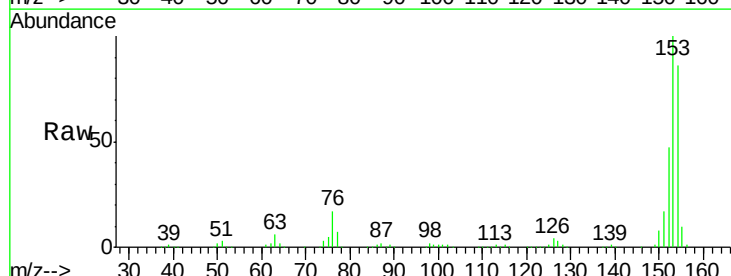
Sohil

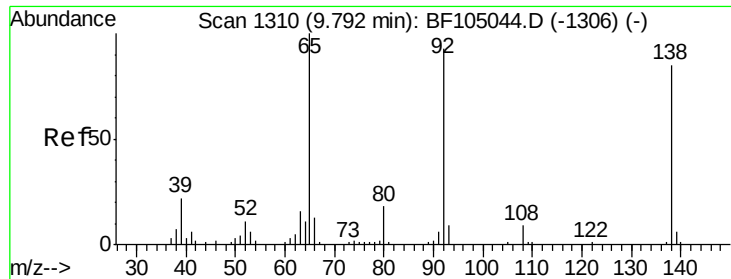
5/3/2018 5:00:53 PM



#51
 Acenaphthene
 Concen: 34.794 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.2	91.2	136.8	
152	55.0	43.8	65.8	



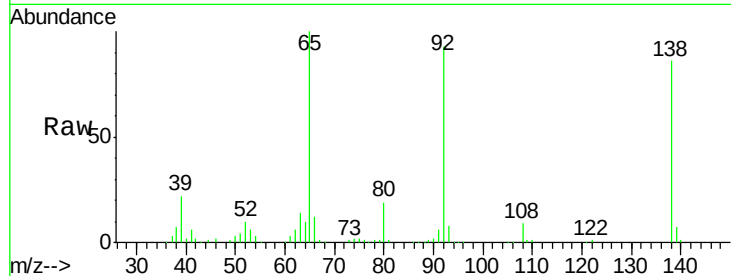


#52
3-Nitroaniline
Concen: 43.998 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

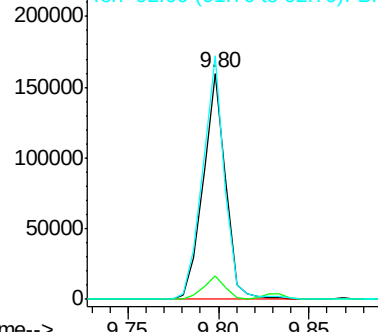
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	107.7	89.4	134.2

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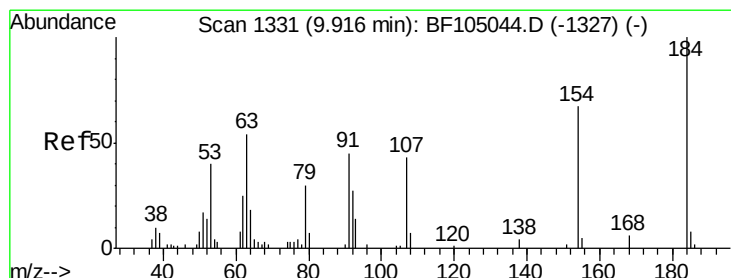
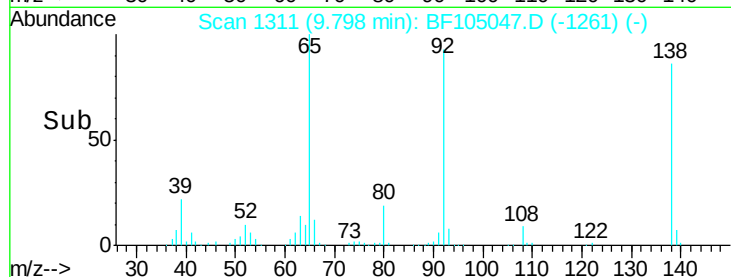


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



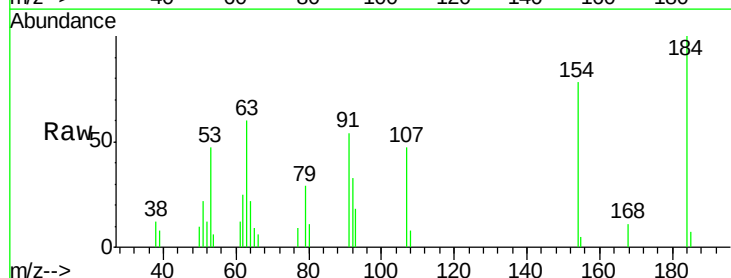
Sohil

5/3/2018 5:00:53 PM

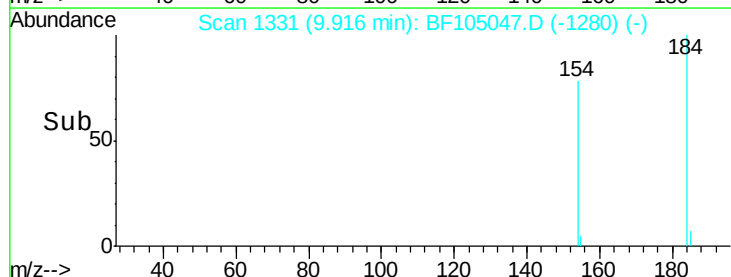
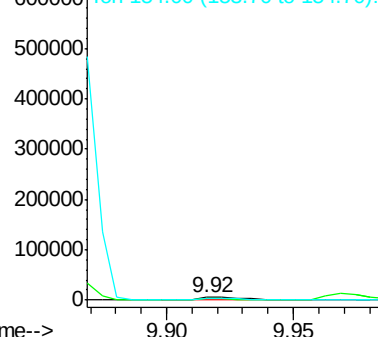


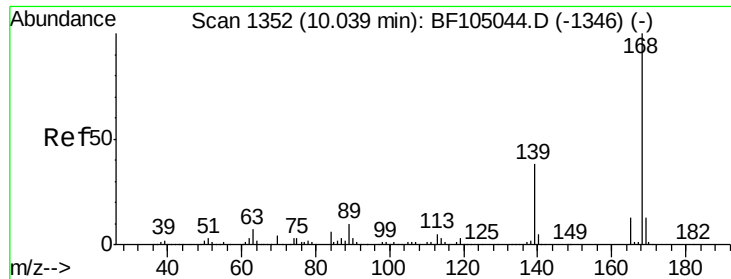
#53
2,4-Dinitrophenol
Concen: 15.226 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	54.2	81.2
154	78.3	184.0	276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



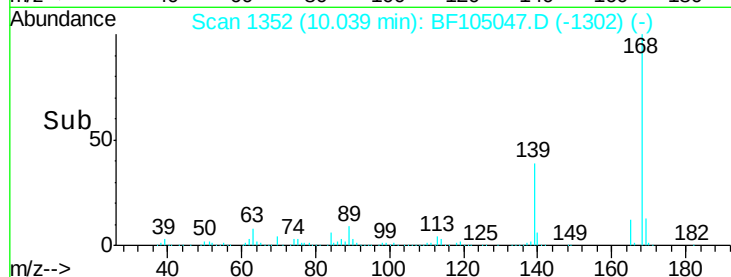
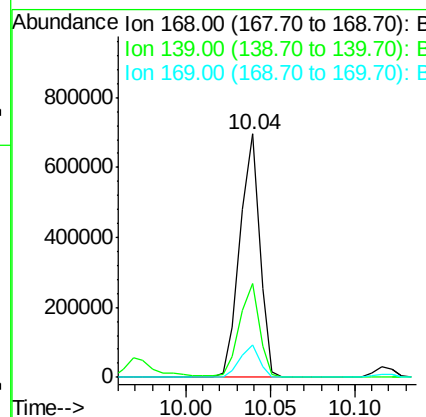
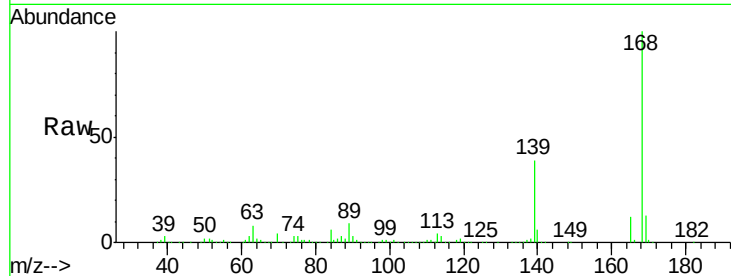


#54
Dibenzenofuran
Concen: 34.922 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

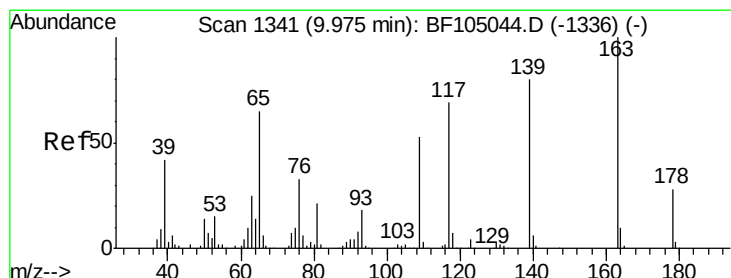
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.5	10.9	16.3

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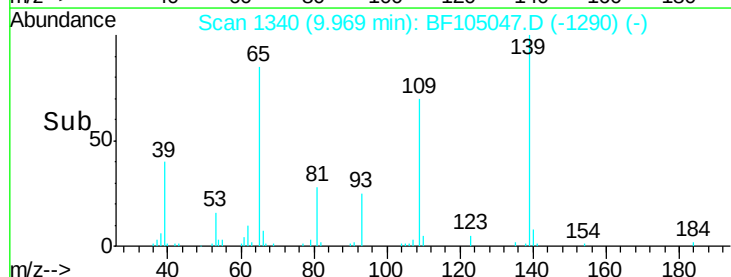
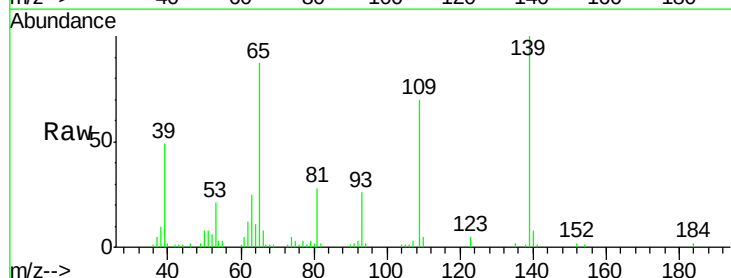
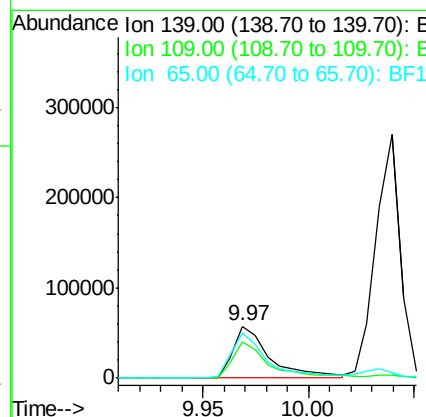
Sohil

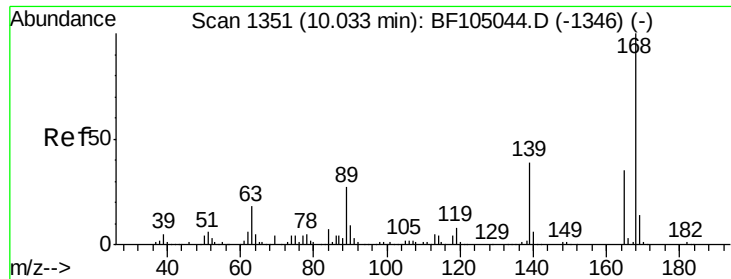
5/3/2018 5:00:53 PM



#55
4-Nitrophenol
Concen: 28.288 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.4	88.4
65	86.6	72.6	112.6



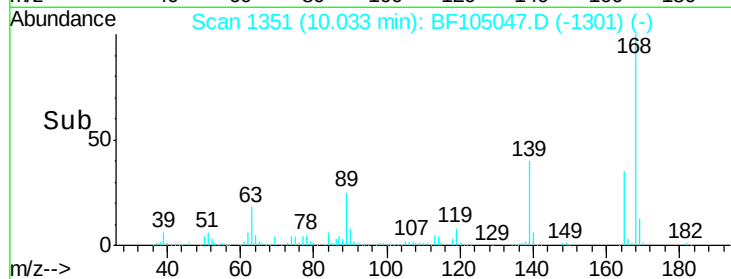
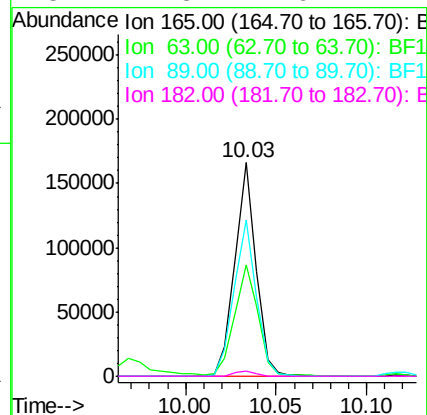
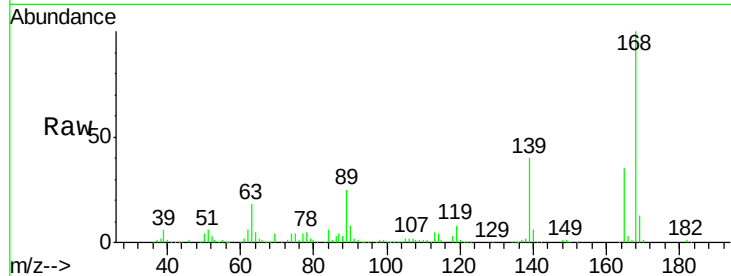


#56
 2,4-Dinitrotoluene
 Concen: 38.804 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

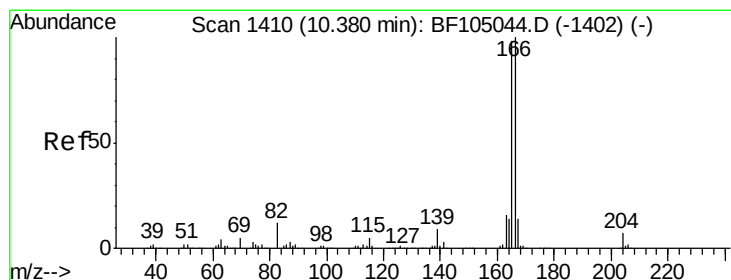
Tot Ion	165	Resp	136629
Ion Ratio	Lower	Upper	
165	100		
63	52.2	36.4	54.6
89	73.0	57.8	86.6
182	2.3	1.6	2.4

Manual Integrations
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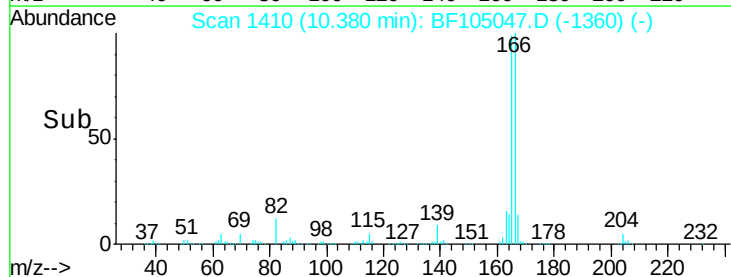
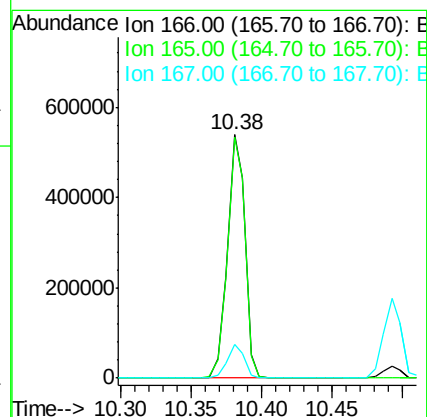
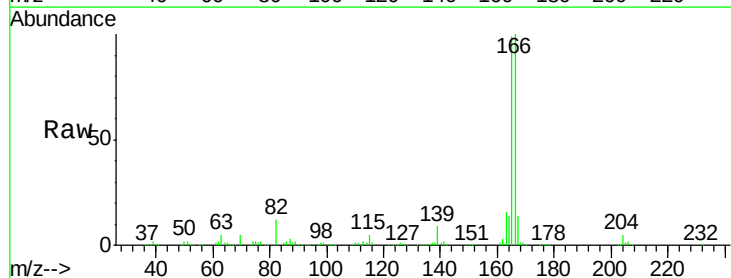
Sohil

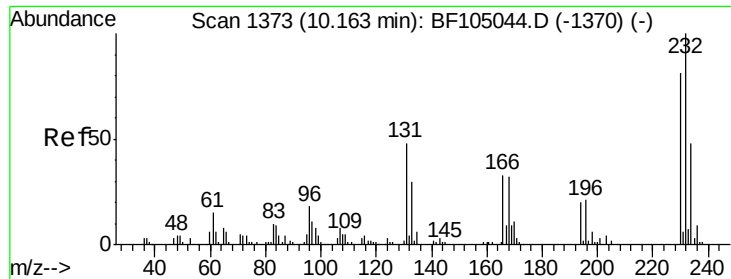
5/3/2018 5:00:53 PM



#57
 Fluorene
 Concen: 39.017 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	166	Resp	462474
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.6	10.6	16.0



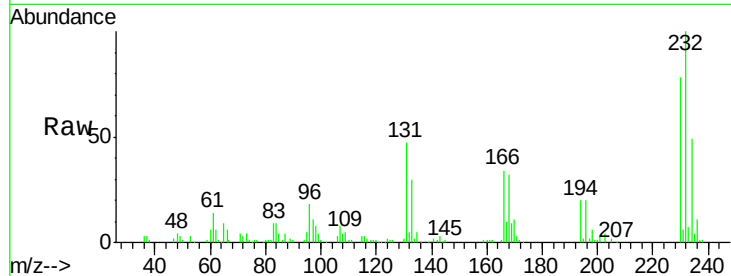


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.699 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

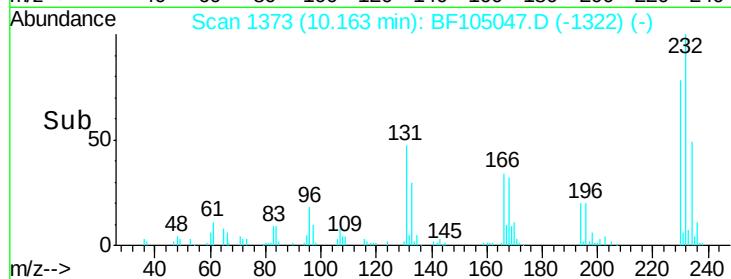
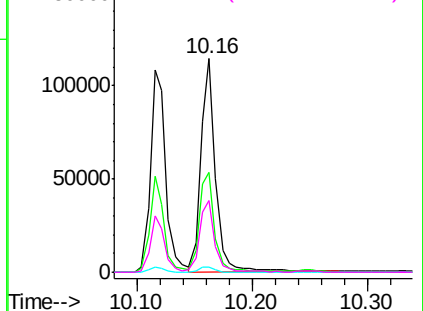
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102846		
131	49.4		43.8	65.8
130	2.5		2.1	3.1
166	34.2		27.8	41.6

Manual Integrations
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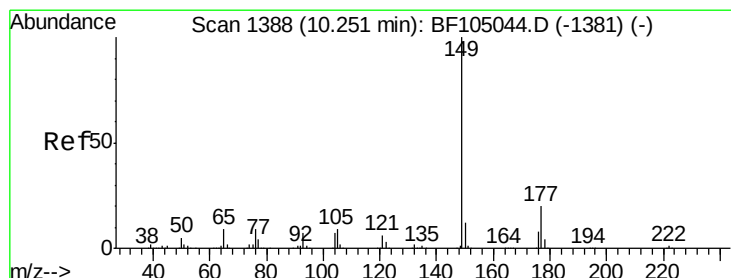


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



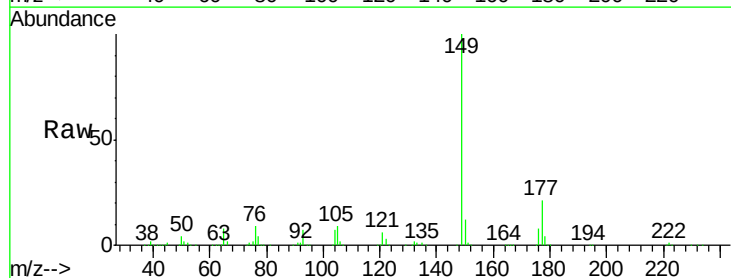
Sohil

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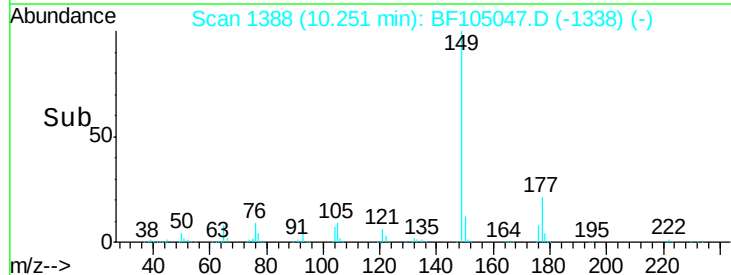
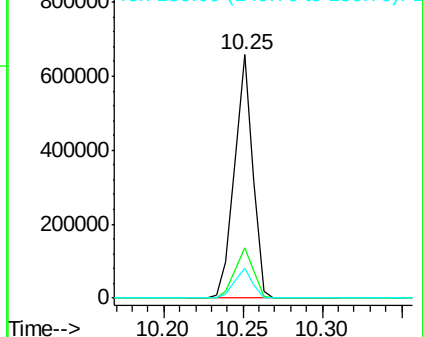


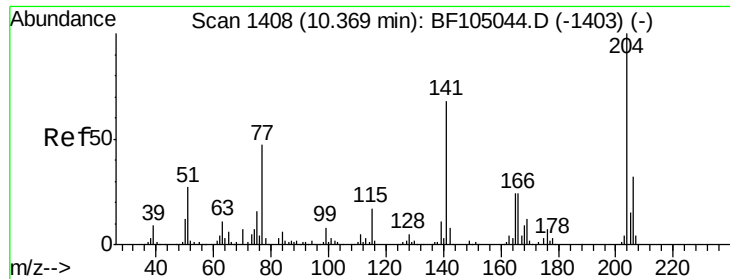
#59
 Diethylphthalate
 Concen: 36.540 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	527919		
177	20.8		16.1	24.1
150	12.5		10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



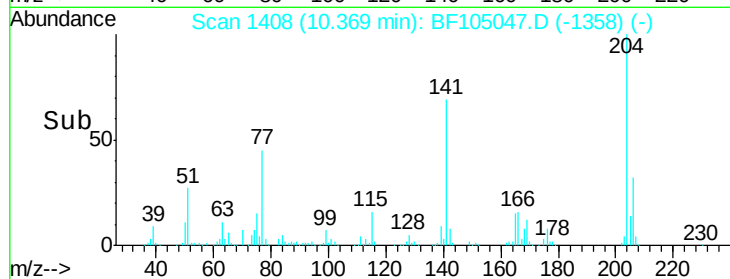
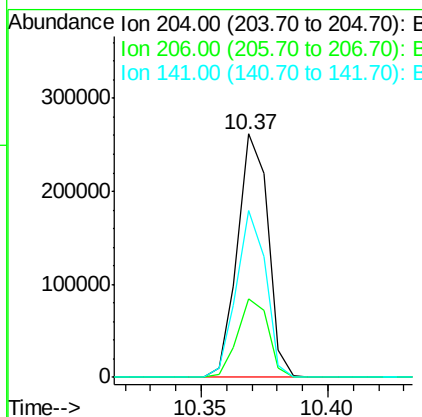
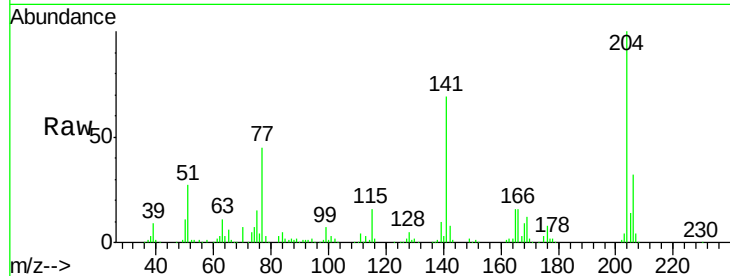


#60
4-Chlorophenyl-phenylether
Concen: 41.449 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

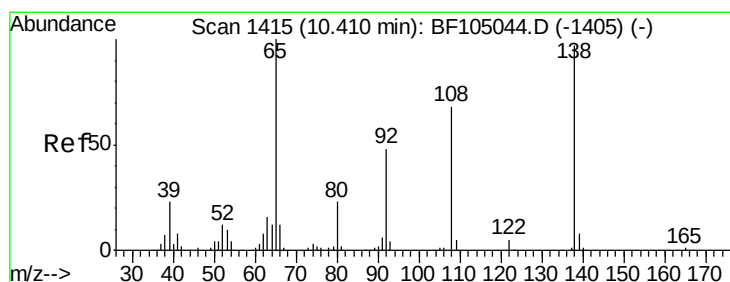
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.5	54.6	81.8

Manual Integrations
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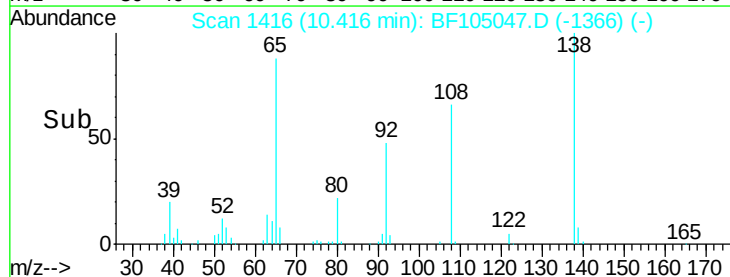
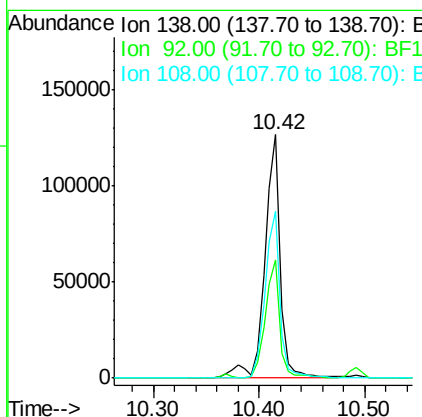
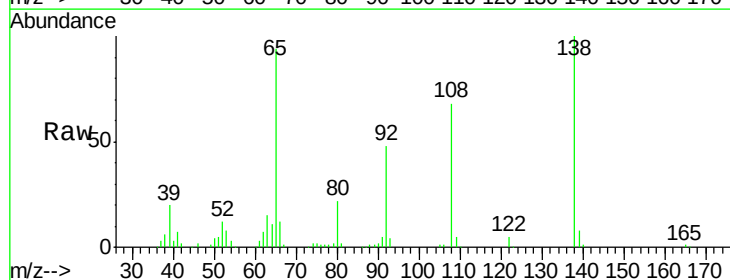
Sohil

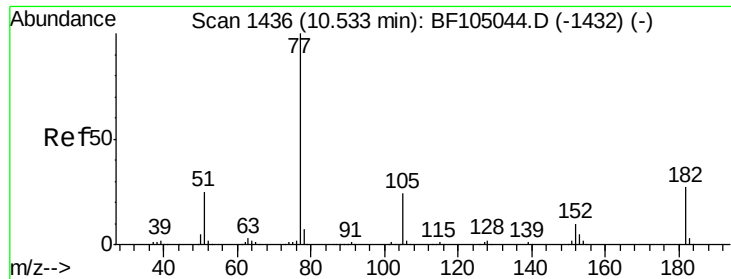
5/3/2018 5:00:53 PM



#61
4-Nitroaniline
Concen: 42.649 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	68.5	52.5	92.5





#62

Azobenzene

Concen: 32.138 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

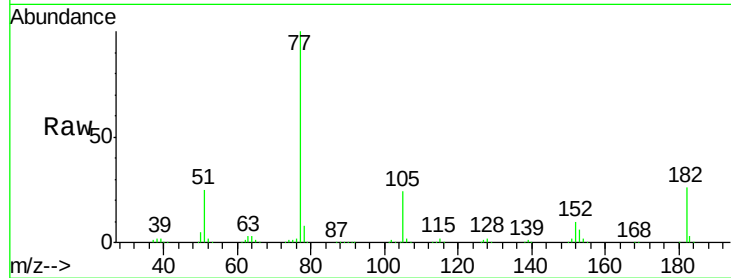
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	1.7	41.7	
105	24.3	3.0	43.0	
51	25.3	9.9	49.9	

Manual Integrations
APPROVED

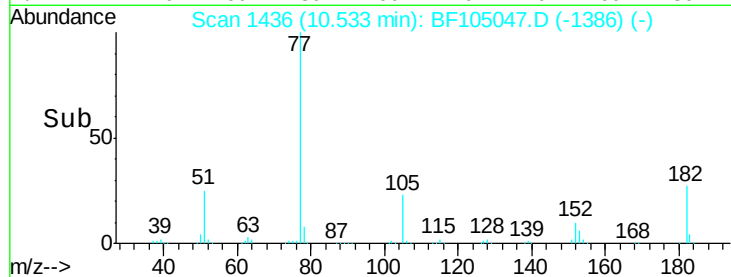
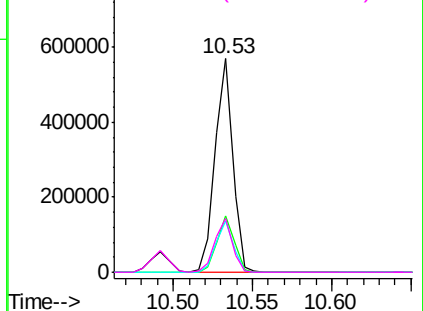


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

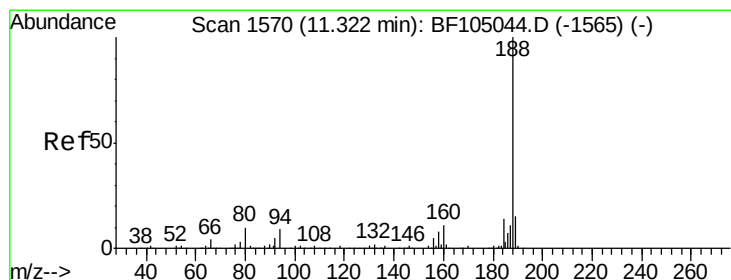
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Sohil

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#63

Phenanthrene-d10

Concen: 20.000 ng

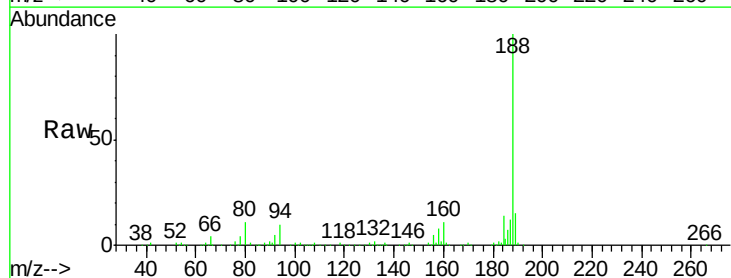
RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

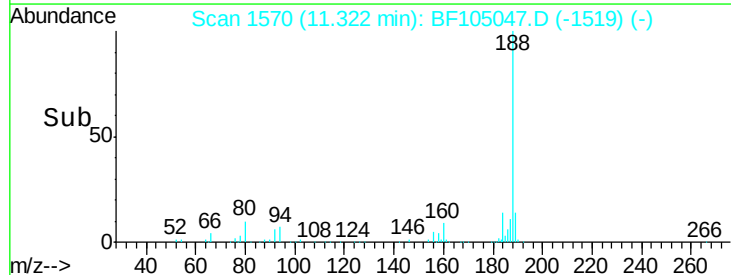
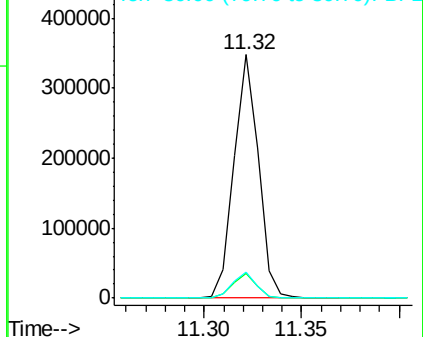
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	10.9	9.2	13.8	

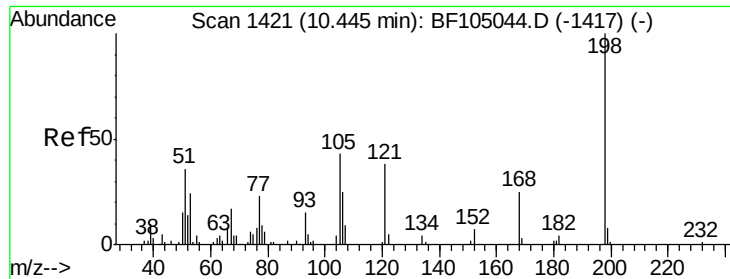


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 20.487 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 22890

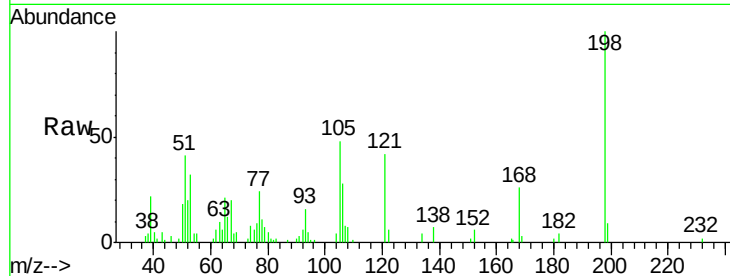
Ion Ratio Lower Upper

198 100

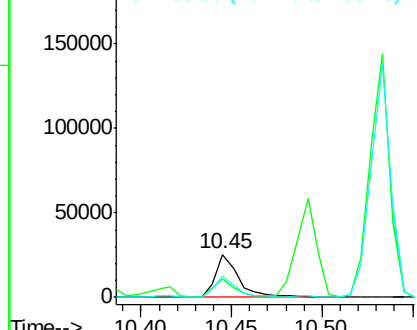
51 41.3 37.7 77.7

105 48.3 36.3 76.3

Manual Integrations
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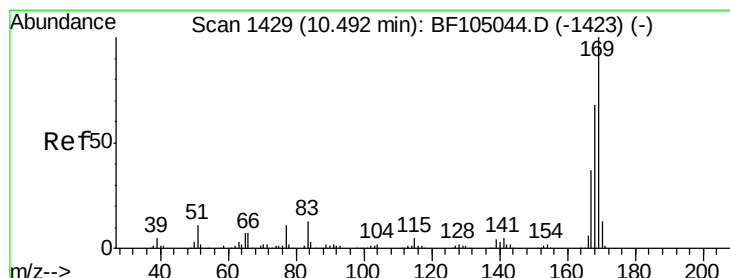
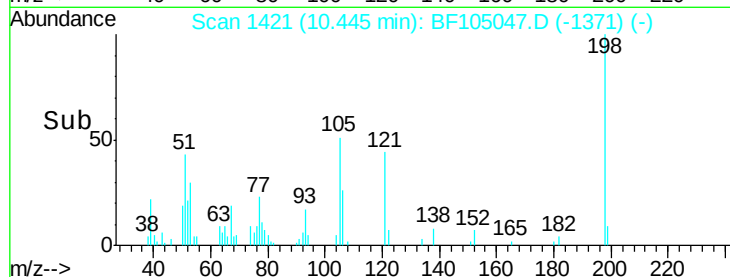


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



Sohil

5/3/2018 5:00:53 PM



#65

n-Nitrosodiphenylamine

Concen: 39.672 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

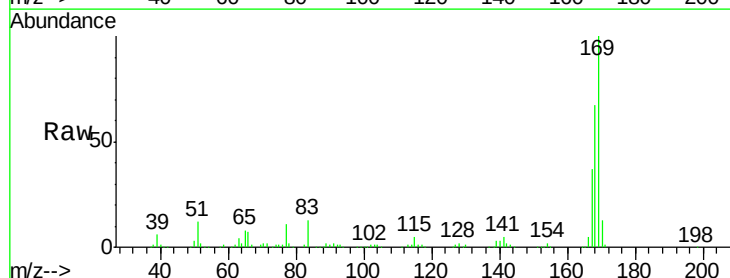
Tgt Ion:169 Resp: 416698

Ion Ratio Lower Upper

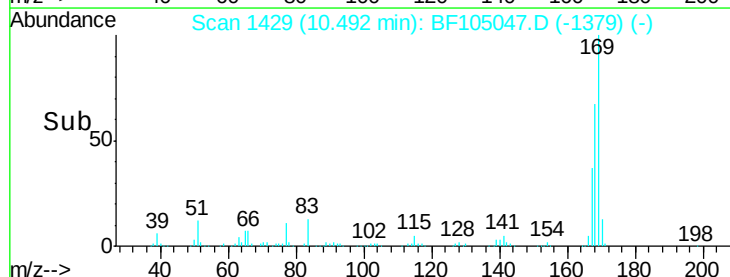
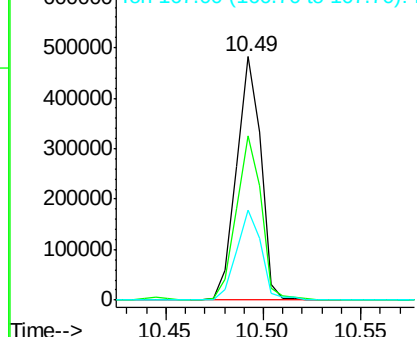
169 100

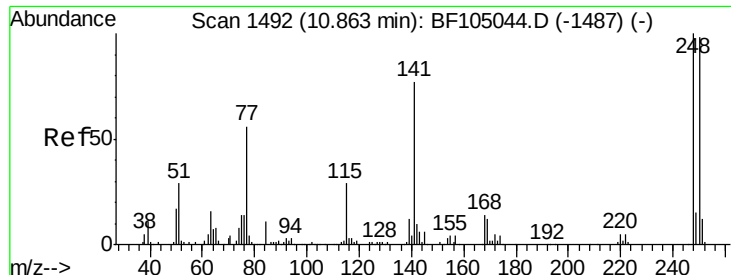
168 67.5 54.4 81.6

167 36.8 29.8 44.6



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



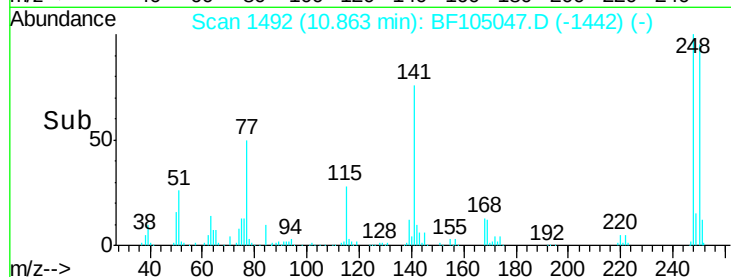
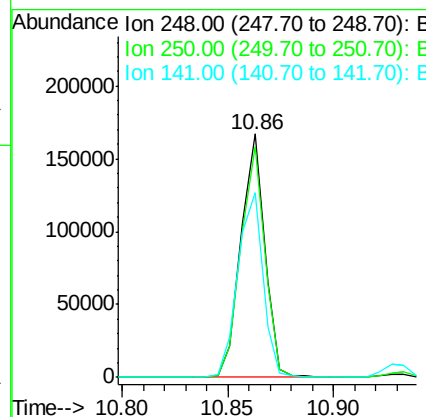
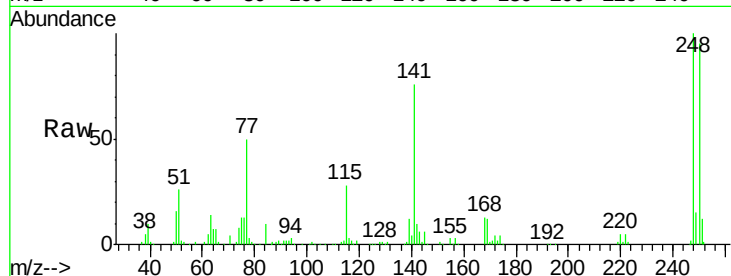


#66
4-Bromophenyl-phenylether
Concen: 40.441 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

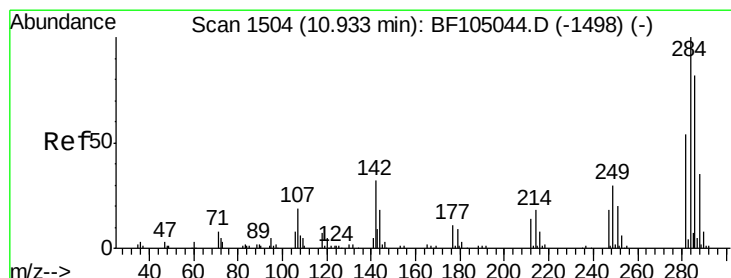
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.9	115.3
141	75.7	74.4	111.6

Manual Integrations
APPROVED



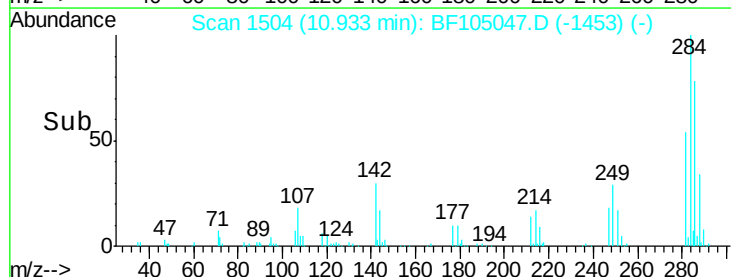
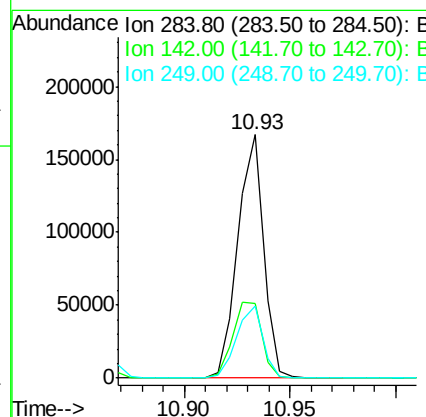
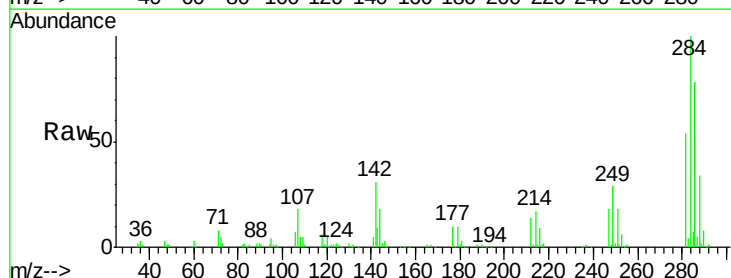
Sohil

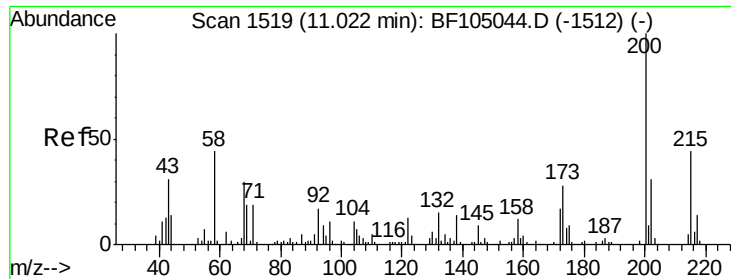
5/3/2018 5:00:53 PM



#67
Hexachlorobenzene
Concen: 38.801 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	34.6	52.0#
249	29.5	24.8	37.2



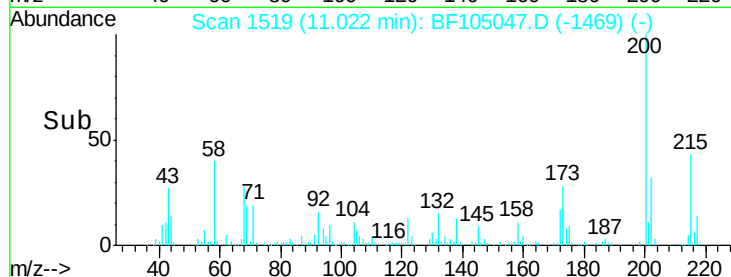
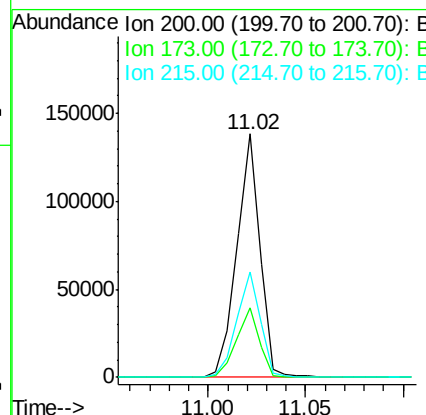
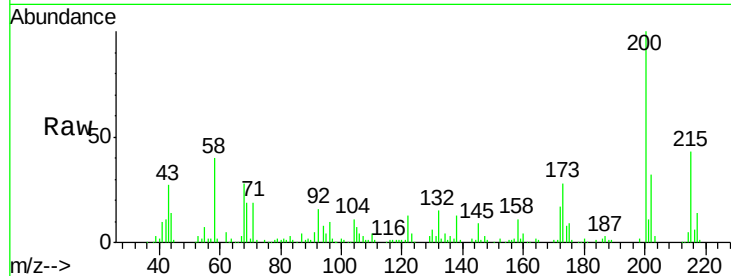


#68
Atrazine
Concen: 35.851 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

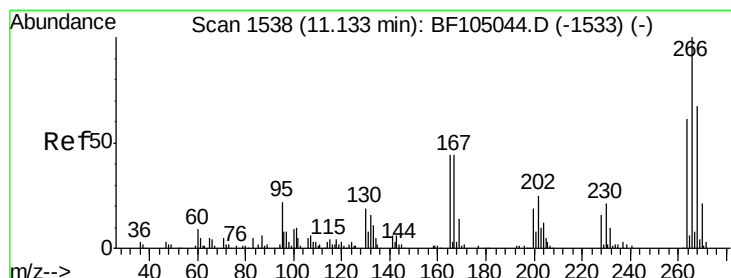
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	8.6	48.6
215	43.5	25.1	65.1

Manual Integrations
APPROVED



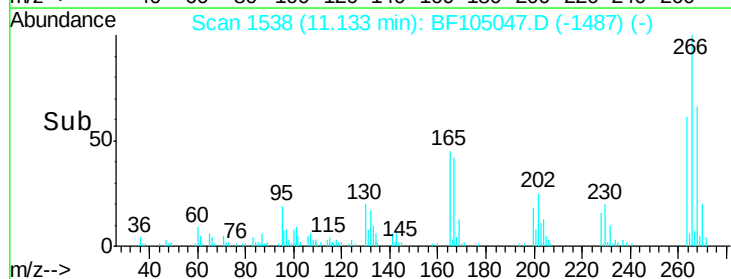
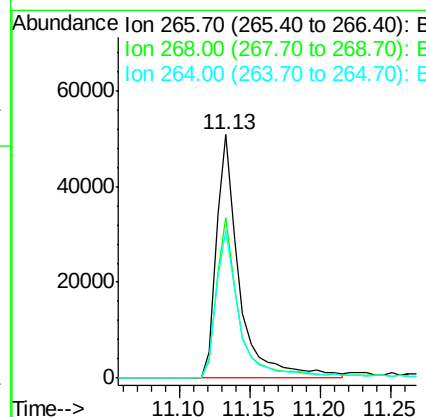
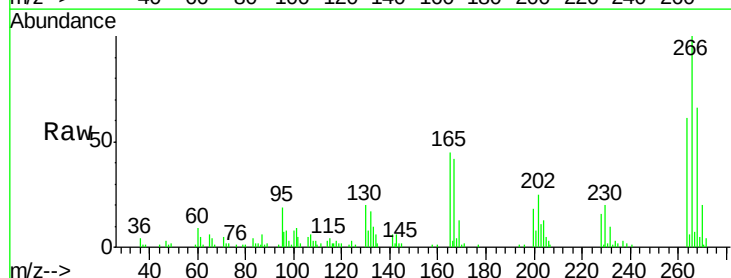
Sohil

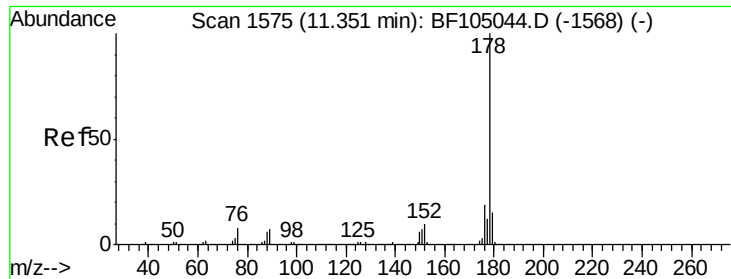
5/3/2018 5:00:53 PM



#69
Pentachlorophenol
Concen: 25.606 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	51.1	76.7
264	60.9	49.5	74.3



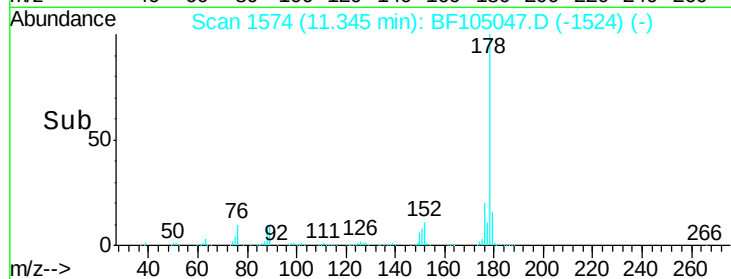
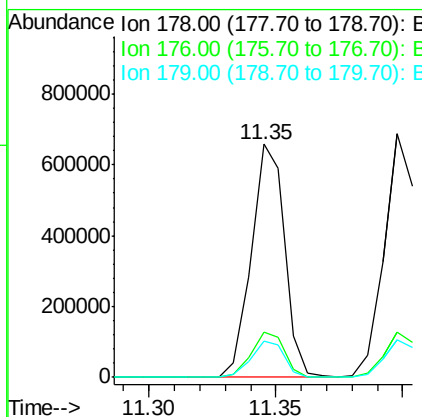
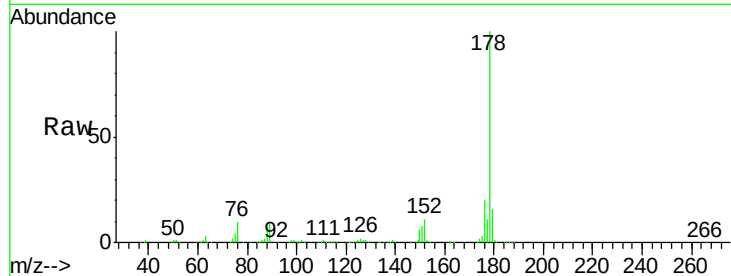


#70
Phenanthrene
Concen: 35.663 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

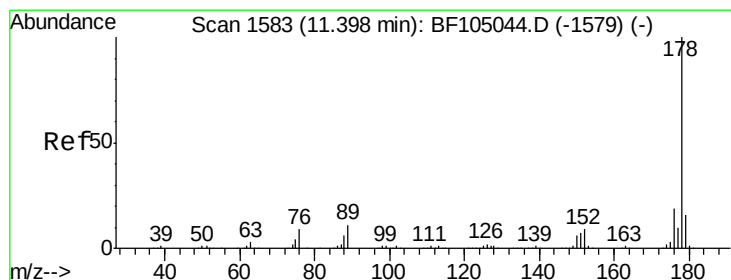
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6

Manual Integrations
APPROVED



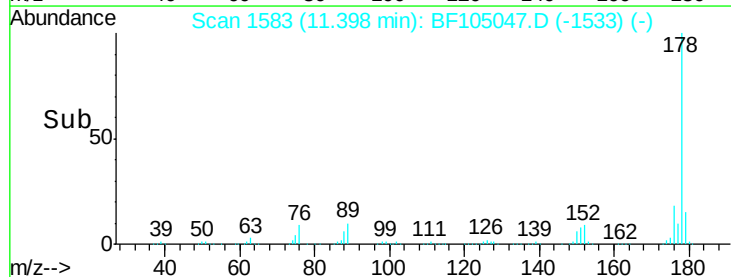
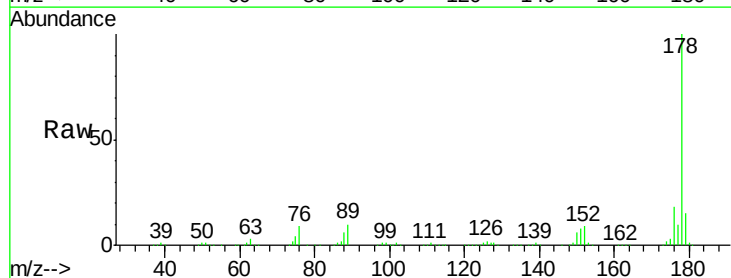
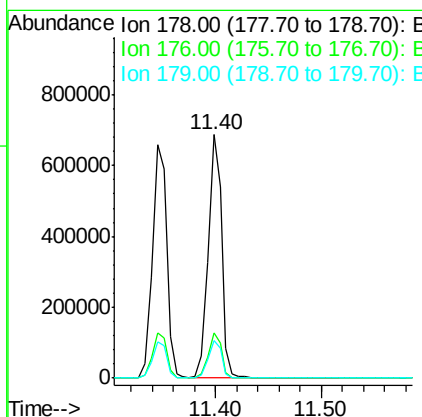
Sohil

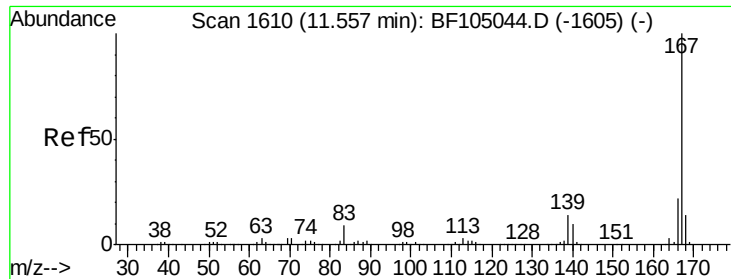
5/3/2018 5:00:53 PM



#71
Anthracene
Concen: 35.830 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.4	12.6	19.0





#72

Carbazole

Concen: 34.657 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF105047.D

Acq: 2 May 2018 23:24

Instrument :

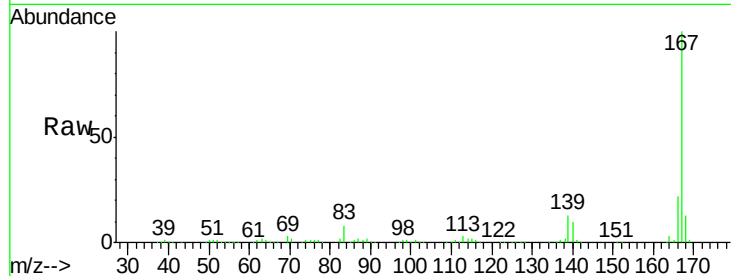
BNA_F

ClientSampleId :

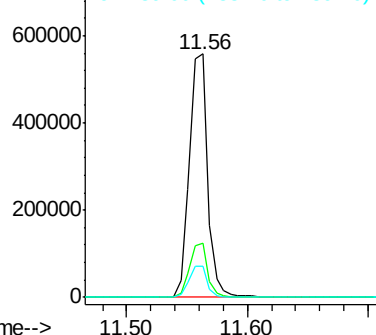
SSTDCCC040

Tot Ion:	167	Resp:	580759
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	13.0	10.9	16.3

Manual Integrations
APPROVED

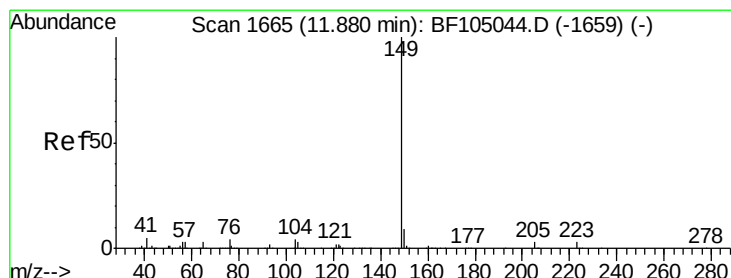
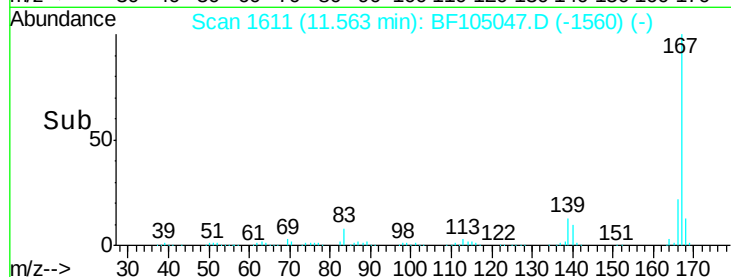


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Sohil

5/3/2018 5:00:53 PM



#73

Di-n-butylphthalate

Concen: 37.524 ng

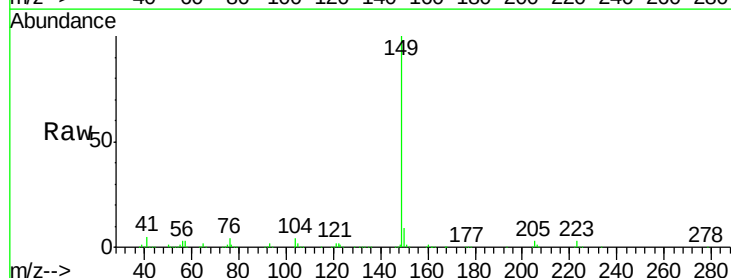
RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

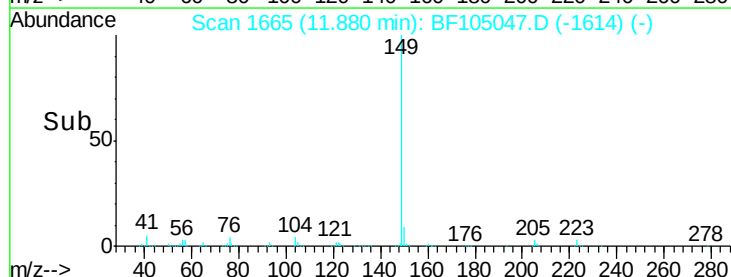
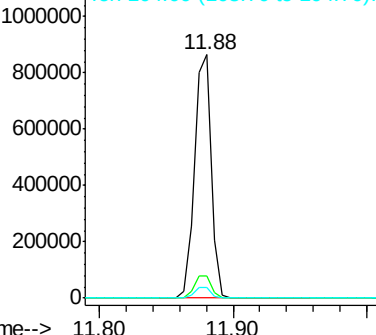
Lab File: BF105047.D

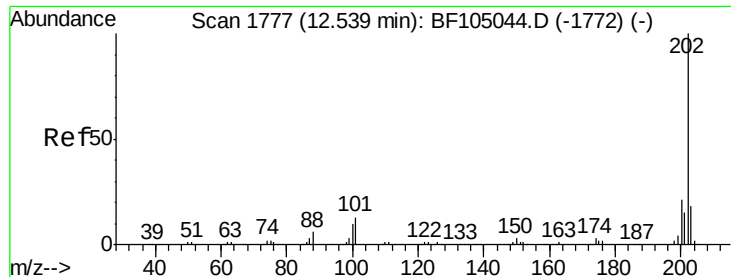
Acq: 2 May 2018 23:24

Tgt Ion:	149	Resp:	768110
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8



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



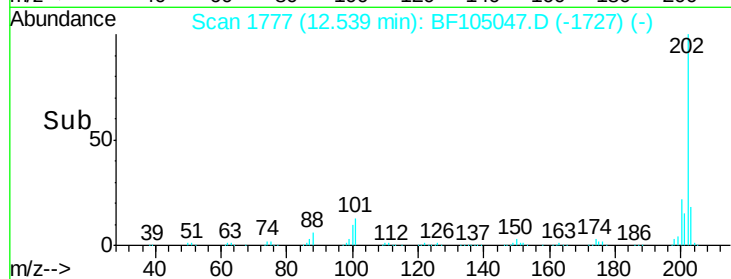
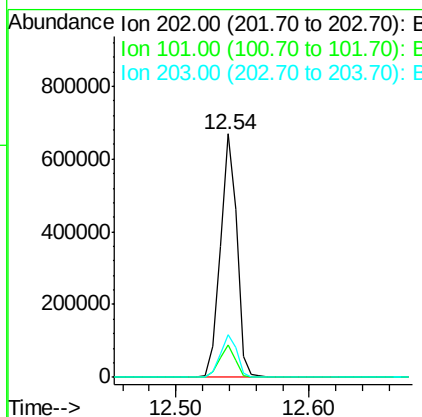
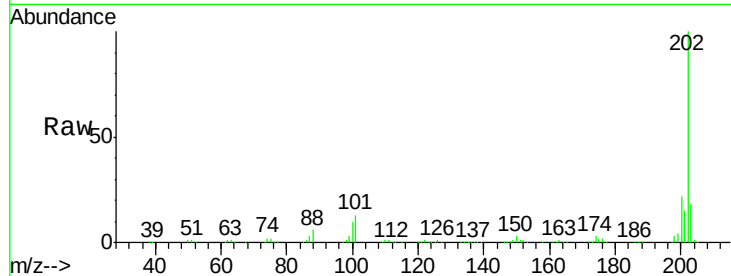


#74
 Fluoranthene
 Concen: 33.383 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

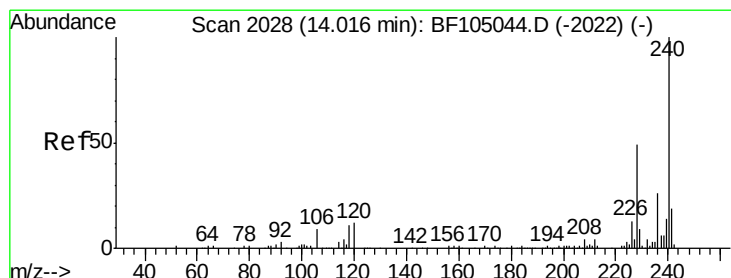
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
 APPROVED



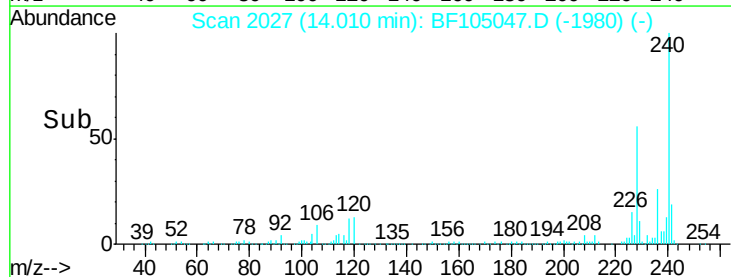
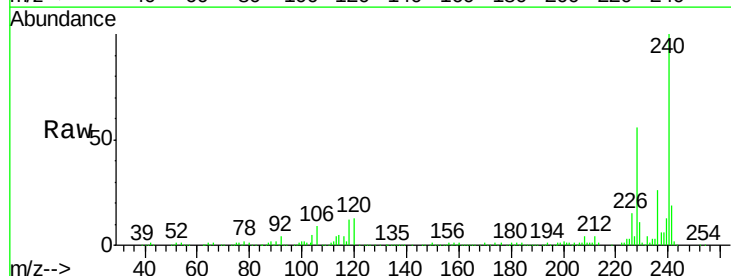
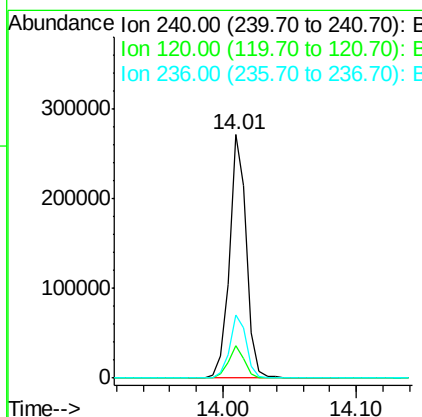
Sohil

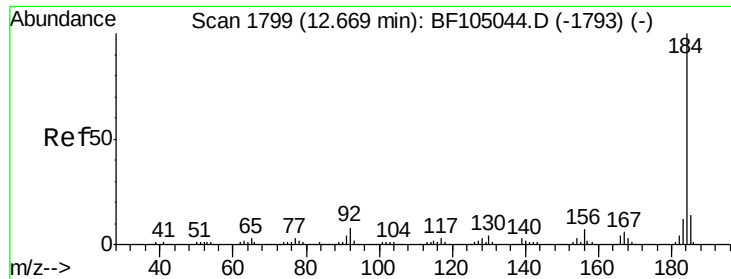
5/3/2018 5:00:53 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.8	20.7	31.1



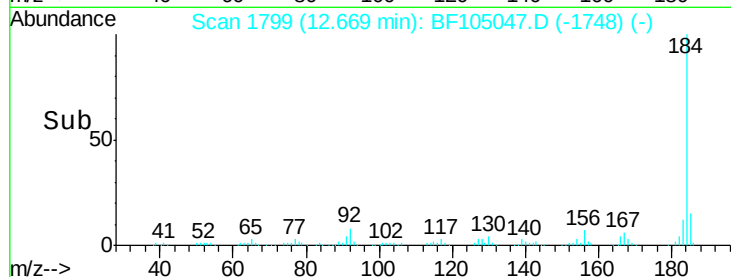
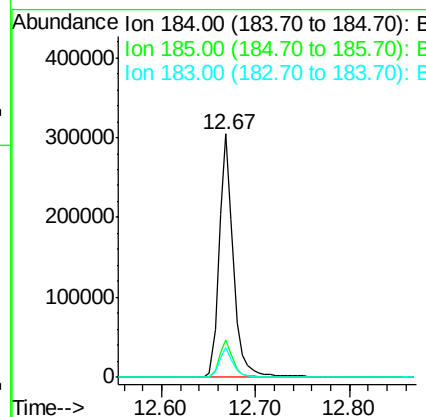
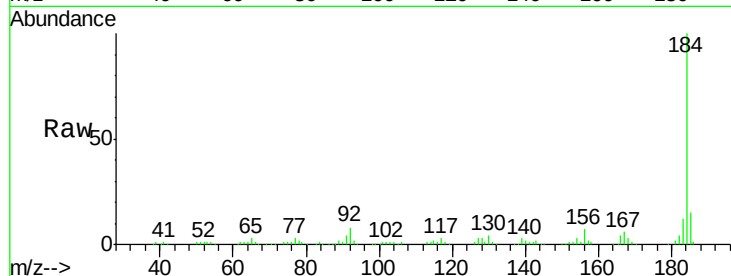


#76
Benzidine
Concen: 39.783 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

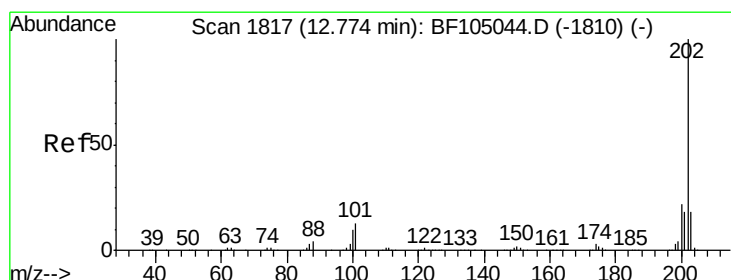
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.3	9.3	13.9

Manual Integrations
APPROVED



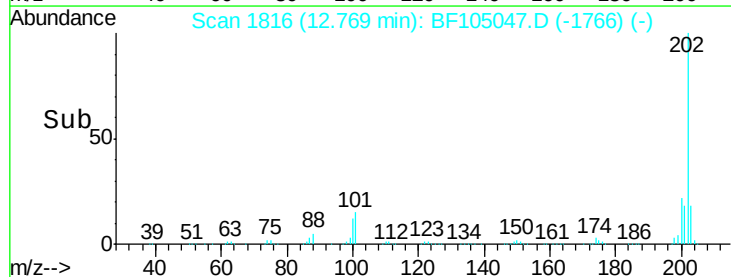
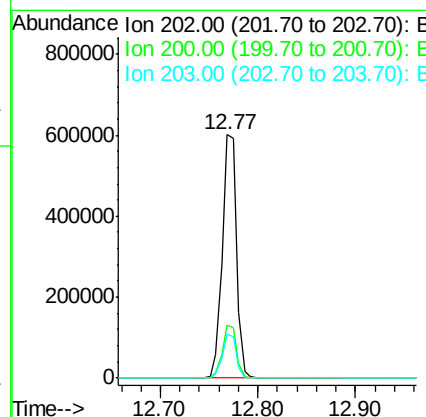
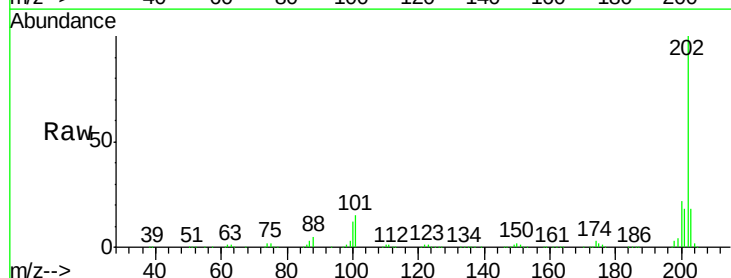
Sohil

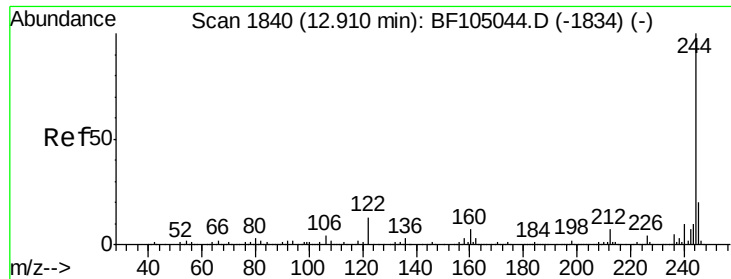
5/3/2018 5:00:53 PM



#77
Pyrene
Concen: 34.248 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.9	14.3	21.5



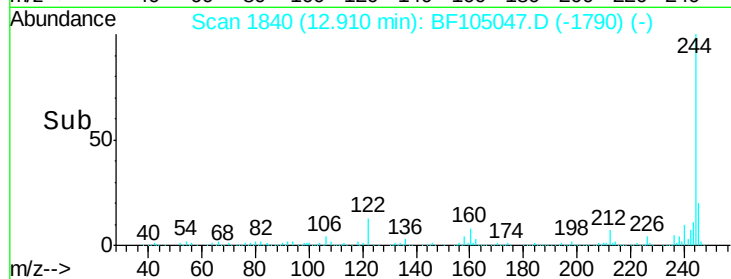
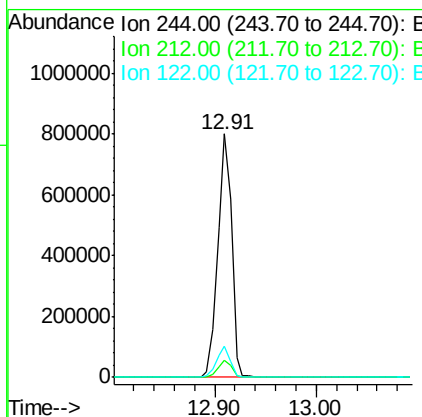
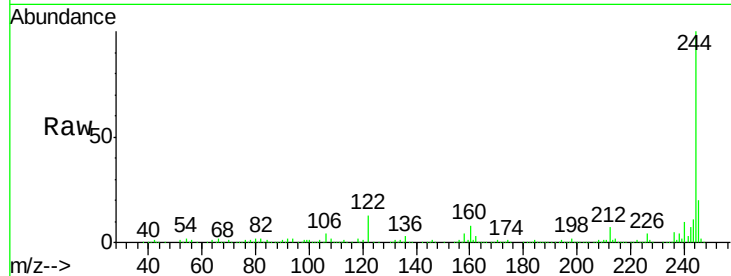


#78
 Terphenyl-d14
 Concen: 71.506 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

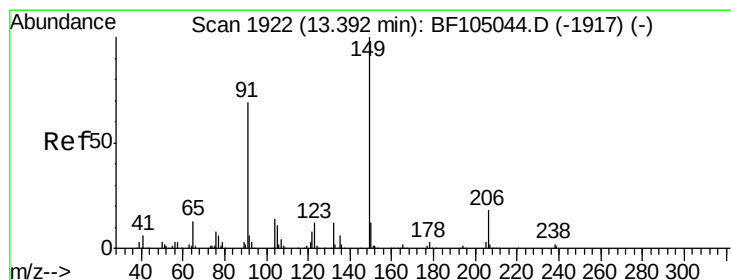
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	11.0	16.4

Manual Integrations
 APPROVED



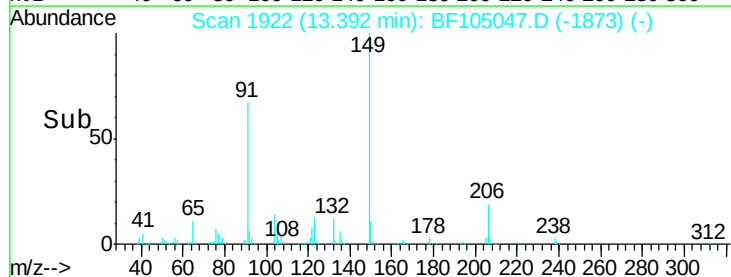
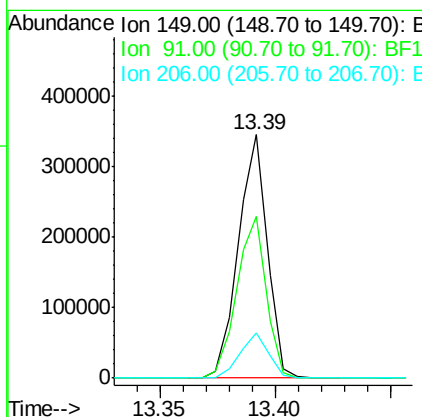
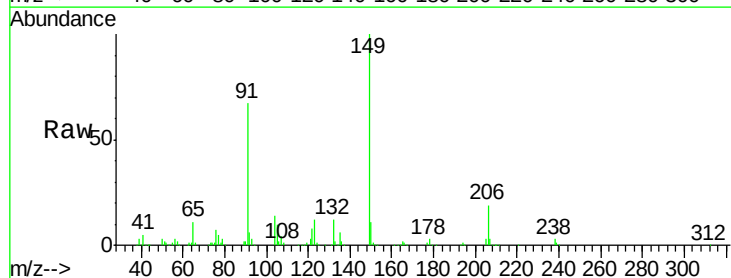
Sohil

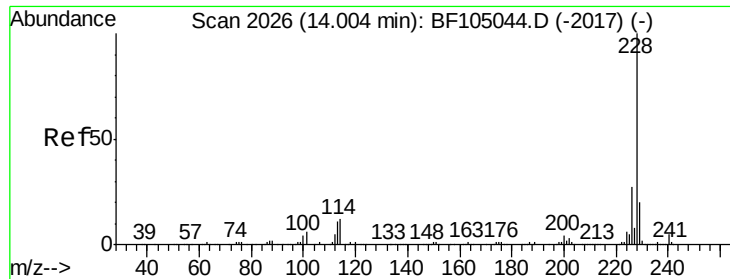
5/3/2018 5:00:53 PM



#79
 Butylbenzylphthalate
 Concen: 35.889 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105047.D
 Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.8	85.2
206	18.6	14.1	21.1



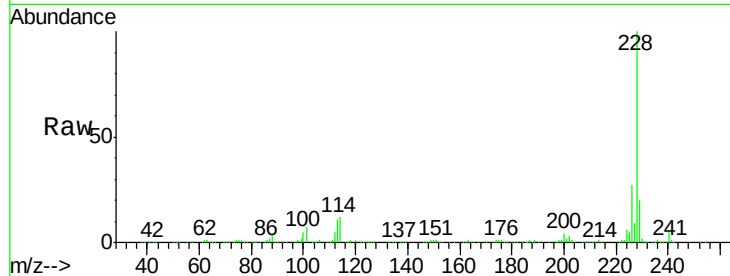


#80
Benzo(a)anthracene
Concen: 38.844 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

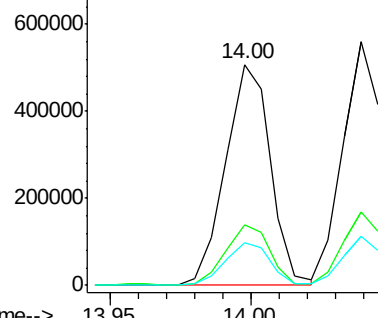
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	15.8	23.6

Manual Integrations
APPROVED

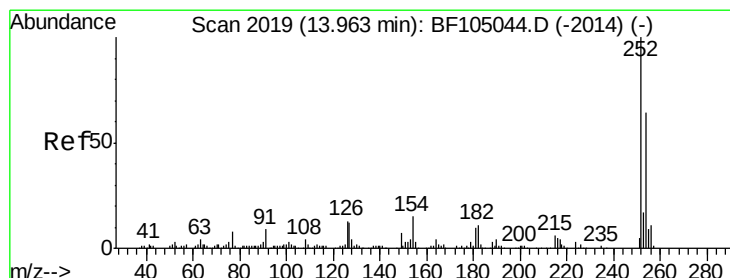
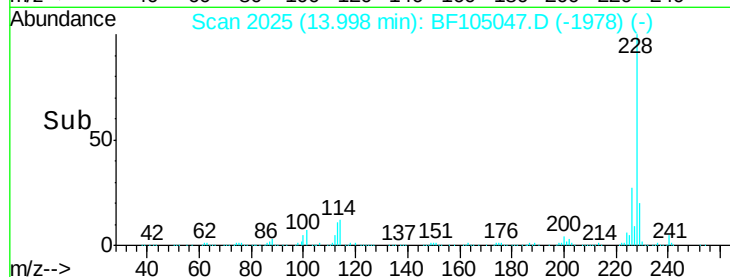


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



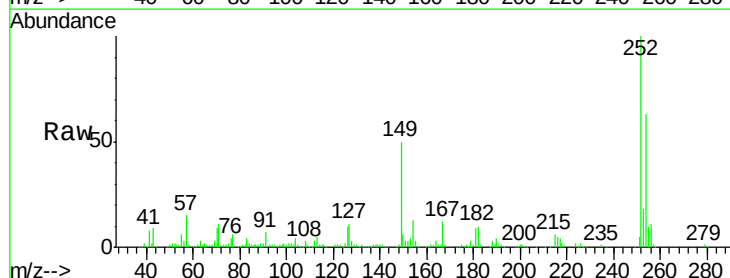
Sohil

5/3/2018 5:00:53 PM

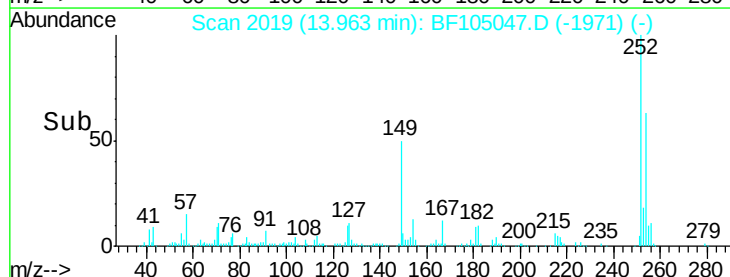
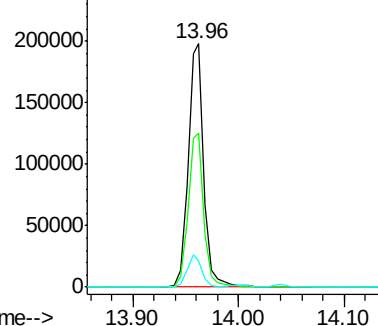


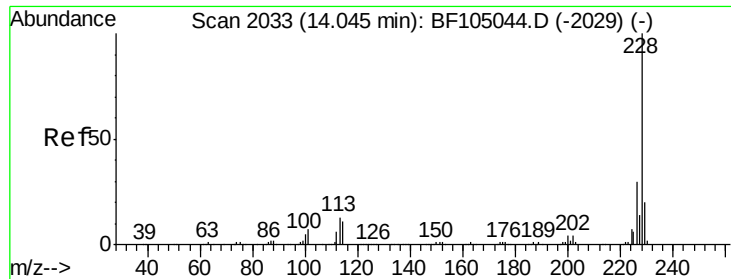
#81
3,3'-Dichlorobenzidine
Concen: 38.487 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.5	11.3	16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



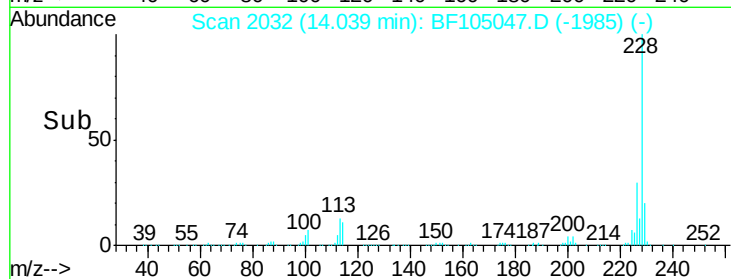
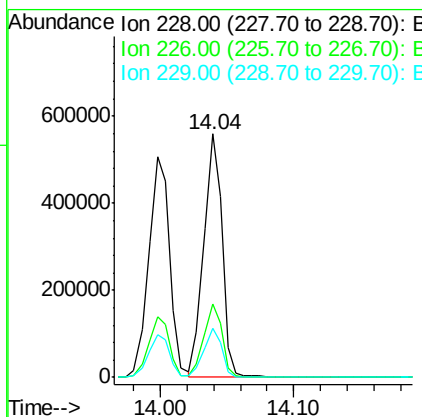
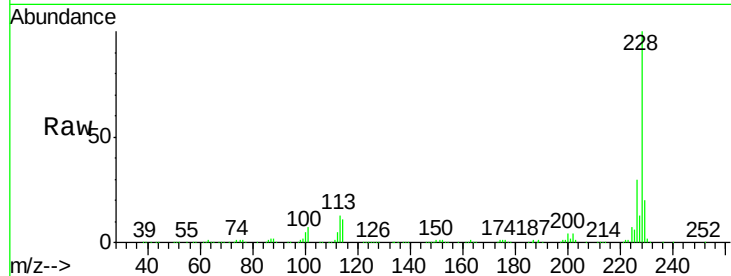


#82
Chrysene
Concen: 36.207 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

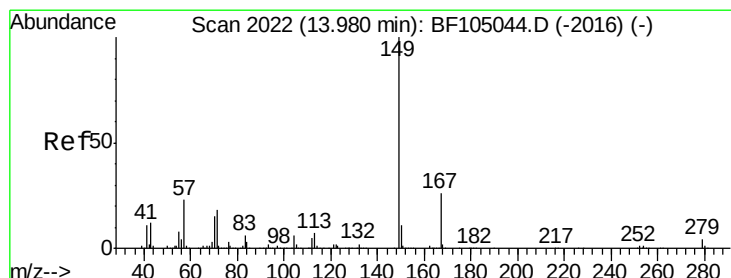
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.0	16.2	24.4

Manual Integrations
APPROVED



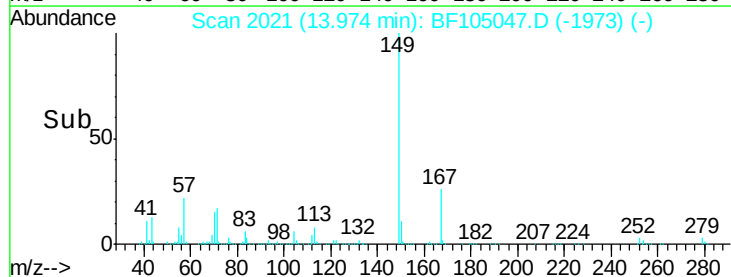
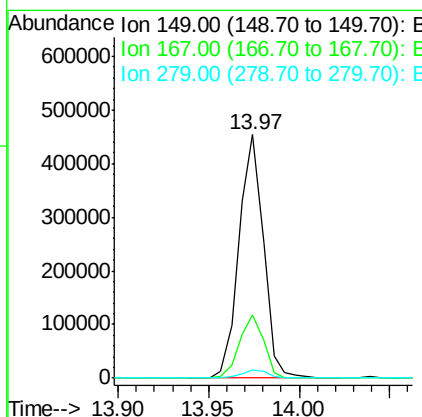
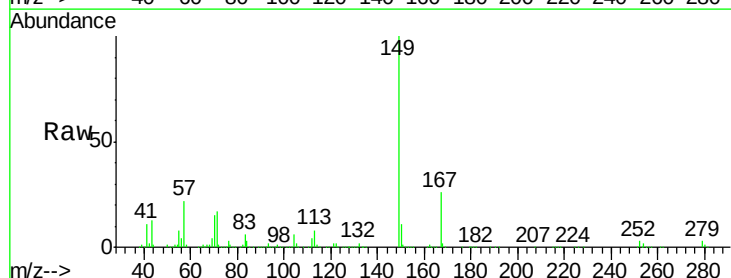
Sohil

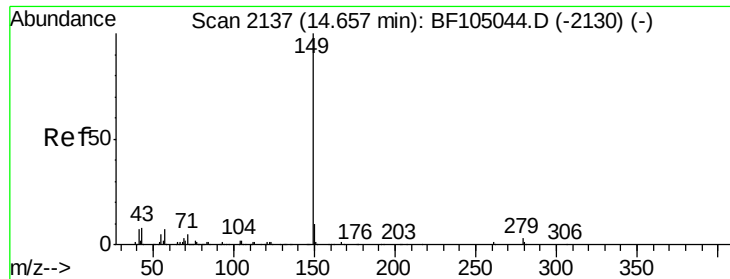
5/3/2018 5:00:53 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 39.355 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4



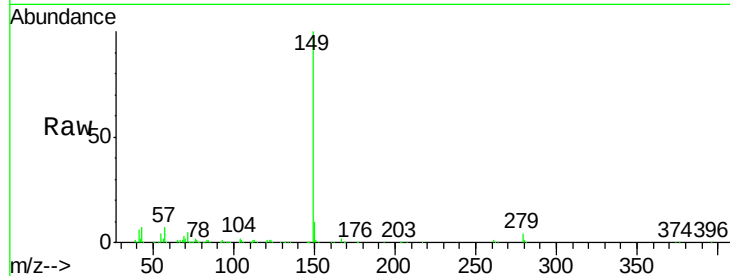


#84
Di-n-octyl phthalate
Concen: 37.480 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

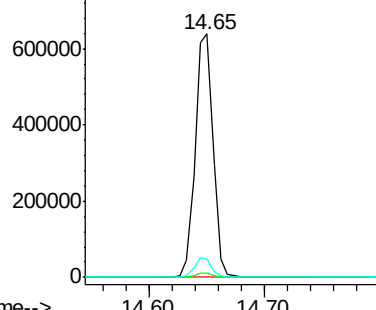
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	8.4	12.6

Manual Integrations
APPROVED

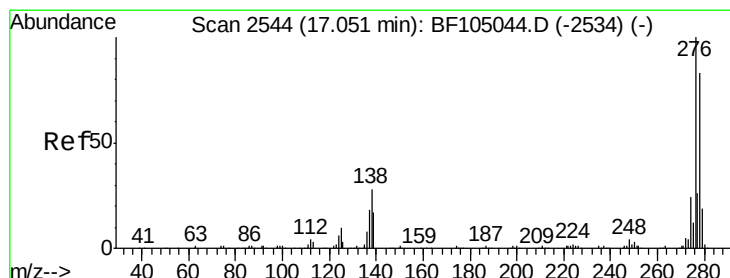
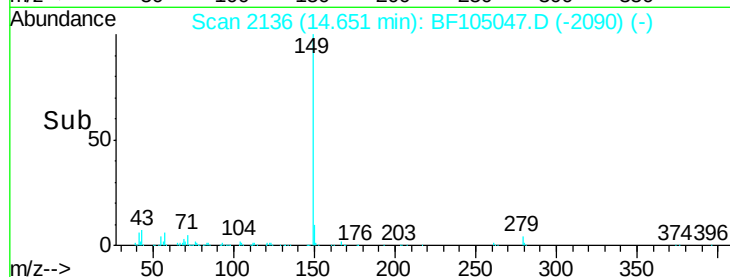


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



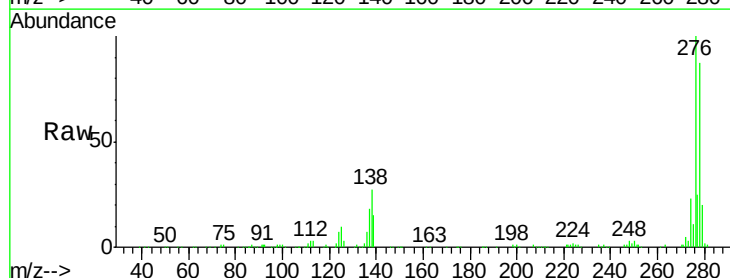
Sohil

5/3/2018 5:00:53 PM

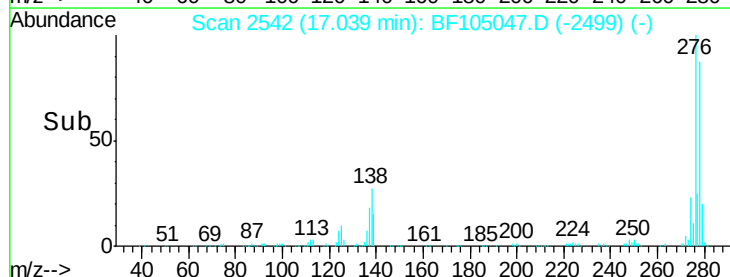
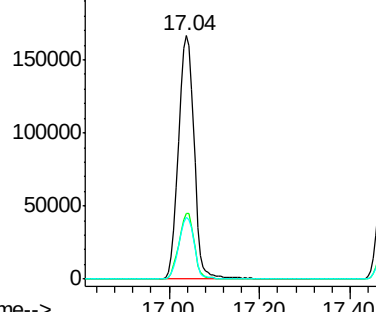


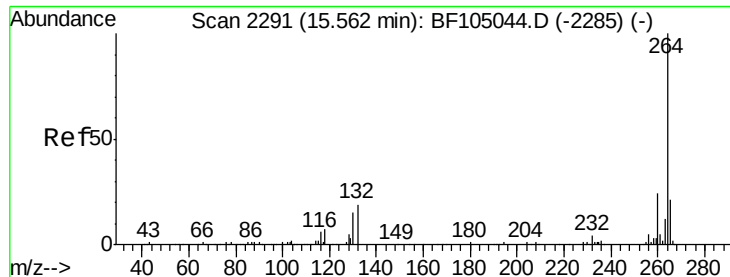
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.808 ng m
RT: 17.04 min Scan# 2542
Delta R.T. -0.05 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.0	20.1	30.1



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



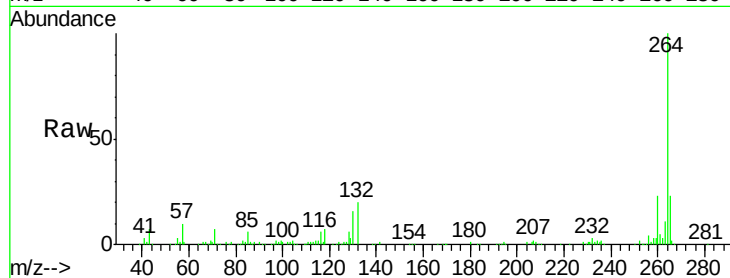


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.04 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

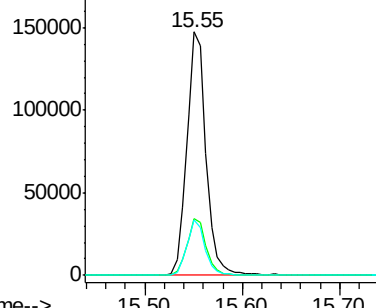
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.9	17.5	26.3

Manual Integrations
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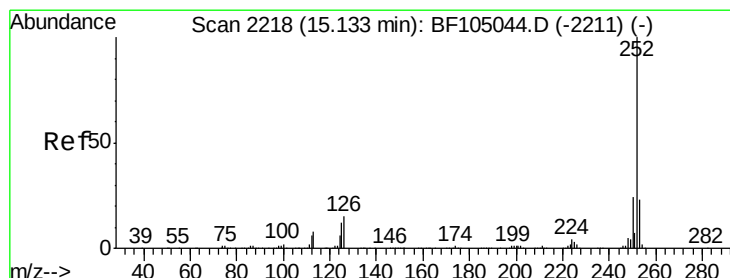
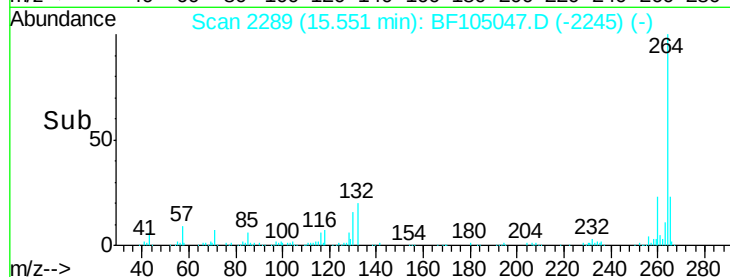


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



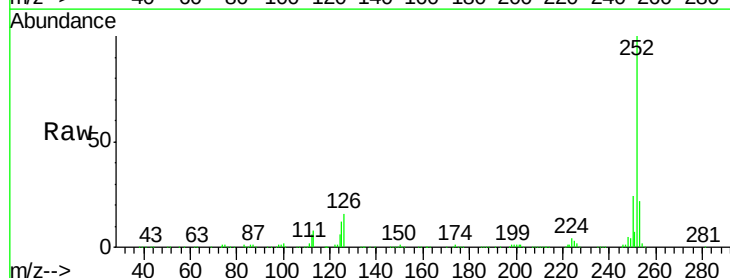
Sohil

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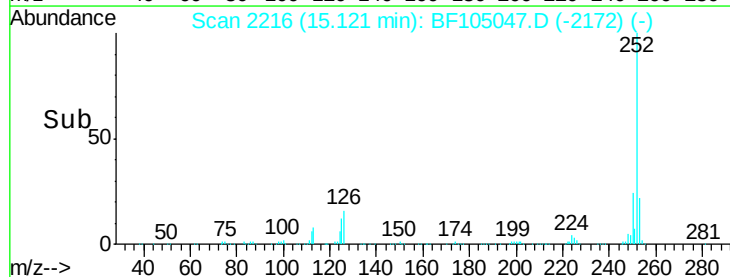
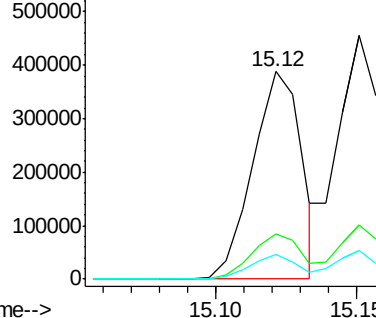


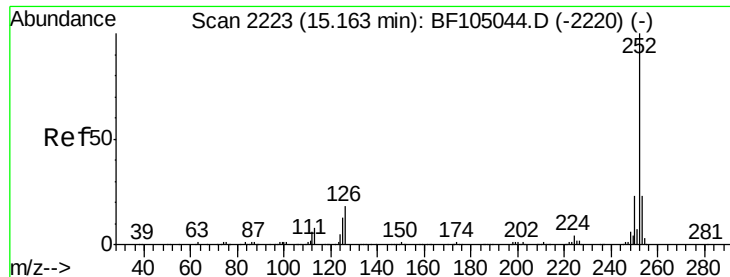
#87
Benzo(b)fluoranthene
Concen: 36.726 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.04 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.1	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



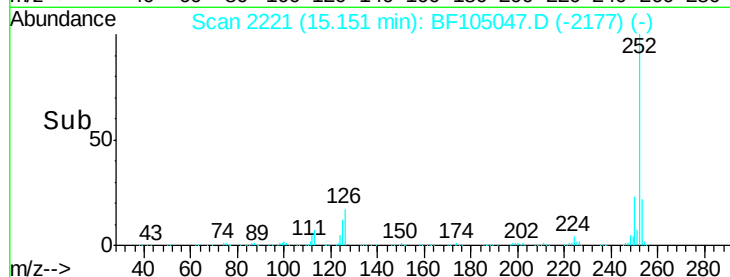
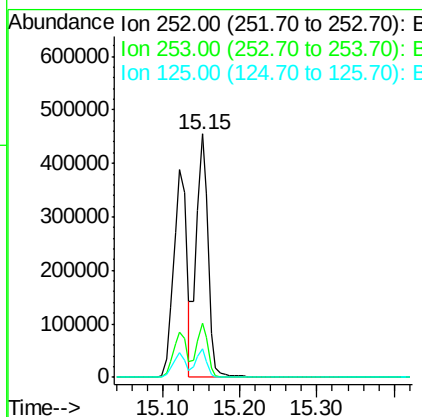
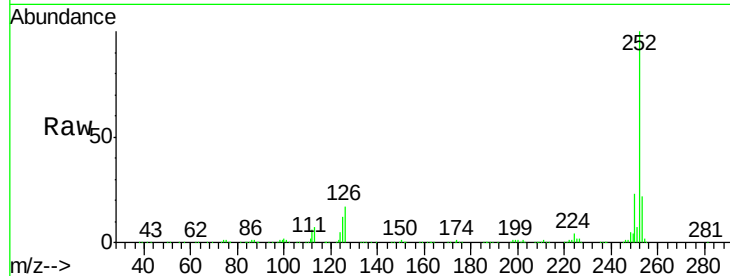


#88
Benzo(k)fluoranthene
Concen: 41.273 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

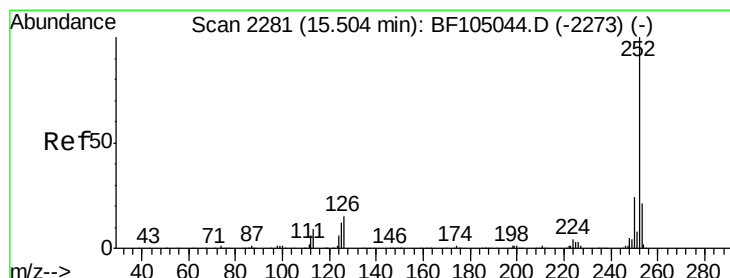
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	10.2	15.2

Manual Integrations
APPROVED



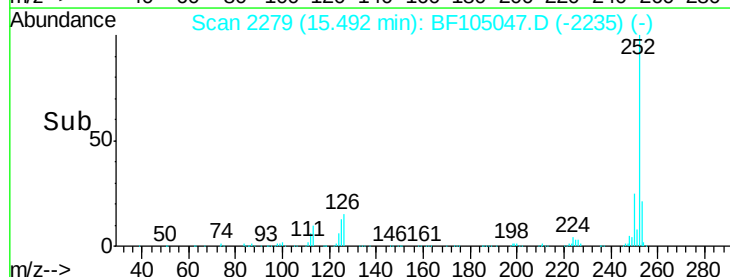
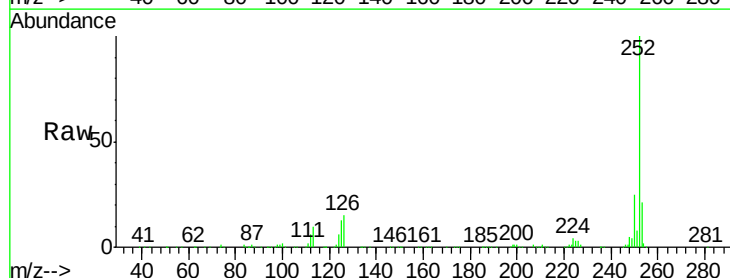
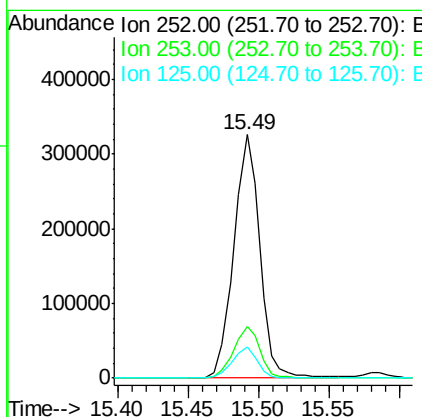
Sohil

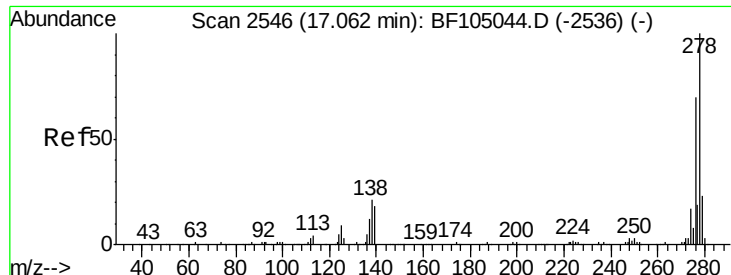
5/3/2018 5:00:53 PM



#89
Benzo(a)pyrene
Concen: 37.080 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	13.1	9.8	14.6



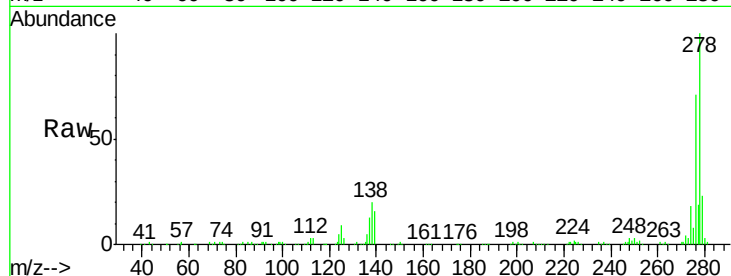


#90
Dibenzo(a,h)anthracene
Concen: 36.219 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.05 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

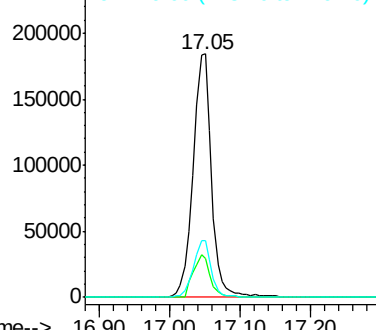
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	23.3	19.0	28.4

Manual Integrations
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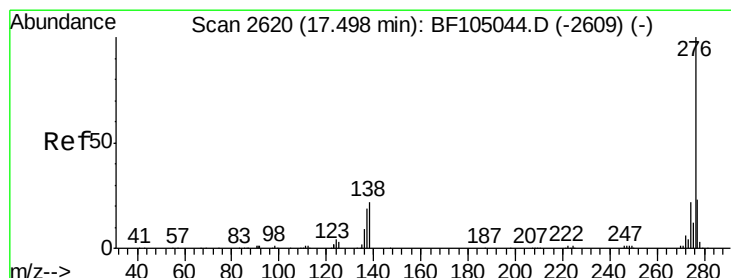
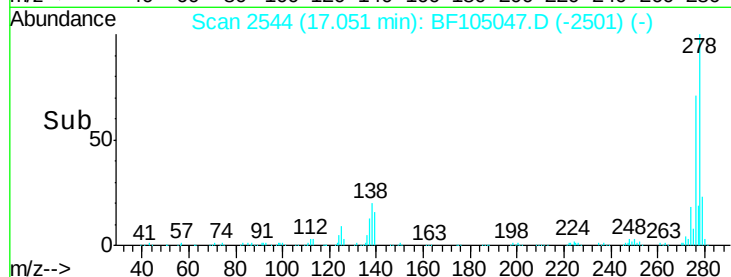


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



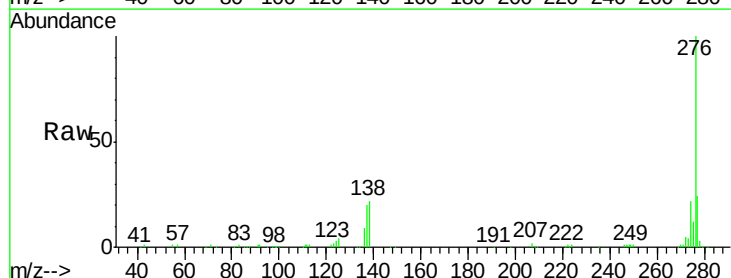
Sohil

5/3/2018 5:00:53 PM



#91
Benzo(g,h,i)perylene
Concen: 35.038 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF105047.D
Acq: 2 May 2018 23:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	22.3	21.8	32.8



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

