

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105187.D
 Acq On : 9 May 2018 11:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:22 PM

Quant Time: May 09 12:26:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	233937	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	919367	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	453431	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	870092	20.00	ng	0.00
75) Chrysene-d12	14.02	240	661471	20.00	ng	0.03
86) Perylene-d12	15.59	264	595155	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1008201	71.00	ng	0.00
7) Phenol-d6	6.42	99	1245153	73.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	1092170	80.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	383578	76.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1967242	67.34	ng	0.00
78) Terphenyl-d14	12.92	244	1921609	67.48	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	251110	33.446	ng	89
3) Pyridine	3.25	79	685288	34.035	ng	87
4) n-Nitrosodimethylamine	3.21	42	354399	34.727	ng	87
6) Aniline	6.46	93	865026	35.030	ng	96
8) 2-Chlorophenol	6.58	128	546449	36.276	ng	97
9) Benzaldehyde	6.35	77	442217	34.122	ng	98
10) Phenol	6.43	94	665845	35.386	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	520591	33.569	ng	90
12) 1,3-Dichlorobenzene	6.73	146	623705	34.351	ng	99
13) 1,4-Dichlorobenzene	6.81	146	623116	34.320	ng	99
14) 1,2-Dichlorobenzene	6.96	146	574874	34.325	ng	100
15) Benzyl Alcohol	6.93	79	481524	37.210	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	961116	33.350	ng	97
17) 2-Methylphenol	7.04	107	472541	36.332	ng	98
18) Hexachloroethane	7.30	117	216472	37.051	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	394568	35.246	ng	94
20) 3+4-Methylphenols	7.20	107	550244	36.001	ng	# 87
22) Acetophenone	7.21	105	716661	33.442	ng	# 97
24) Nitrobenzene	7.38	77	589793	38.346	ng	98
25) Isophorone	7.62	82	1065768	35.130	ng	98
26) 2-Nitrophenol	7.69	139	279911	46.007	ng	97
27) 2,4-Dimethylphenol	7.73	122	501242	37.179	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	656881	35.085	ng	99
29) 2,4-Dichlorophenol	7.93	162	474908	37.653	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	513103	35.274	ng	98
31) Naphthalene	8.10	128	1513954	34.200	ng	99
32) Benzoic acid	7.83	122	178604	29.042	ng	92
33) 4-Chloroaniline	8.15	127	655834	35.628	ng	97
34) Hexachlorobutadiene	8.22	225	299399	35.529	ng	98
35) Caprolactam	8.53	113	147951m	38.625	ng	
36) 4-Chloro-3-methylphenol	8.62	107	490720	37.369	ng	97
37) 2-Methylnaphthalene	8.79	142	1067358	34.593	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	508759	35.260	ng	97
40) Hexachlorocyclopentadiene	8.94	237	315852	40.483	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	338479	38.449	nq	96
43) 2,4,5-Trichlorophenol	9.10	196	352983	38.374	nq	94
45) 1,1'-Biphenyl	9.25	154	1268850	34.345	nq	100
46) 2-Chloronaphthalene	9.28	162	963917	34.910	nq	95
47) 2-Nitroaniline	9.37	65	318792	41.042	nq	93
48) Acenaphthylene	9.69	152	1486087	34.847	nq	98
49) Dimethylphthalate	9.56	163	1119245	36.462	nq	98
50) 2,6-Dinitrotoluene	9.62	165	265789	39.905	nq	94
51) Acenaphthene	9.86	154	932307	33.922	nq	99
52) 3-Nitroaniline	9.79	138	279804	39.882	nq	98
53) 2,4-Dinitrophenol	9.88	184	61653	35.655	nq #	22
54) Dibenzofuran	10.04	168	1386347	34.484	nq	98
55) 4-Nitrophenol	9.93	139	214709	36.478	nq	91
56) 2,4-Dinitrotoluene	10.02	165	345849	39.726	nq	96
57) Fluorene	10.38	166	984138	33.379	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	301912	36.771	nq #	88
59) Diethylphthalate	10.26	149	1106223	36.669	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	479040	34.903	nq	89
61) 4-Nitroaniline	10.40	138	281014	40.253	nq	98
62) Azobenzene	10.53	77	1068416	33.951	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	110724	38.097	nq	87
65) n-Nitrosodiphenylamine	10.49	169	946510	34.897	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	329224	35.478	nq #	88
67) Hexachlorobenzene	10.92	284	380638	35.599	nq #	89
68) Atrazine	11.02	200	314981	37.054	nq	97
69) Pentachlorophenol	11.12	266	197150	33.197	nq	99
70) Phenanthrene	11.34	178	1547692	33.739	nq	99
71) Anthracene	11.39	178	1594379	34.207	nq	100
72) Carbazole	11.55	167	1449559	34.513	nq	98
73) Di-n-butylphthalate	11.88	149	1644805	36.614	nq	99
74) Fluoranthene	12.53	202	1650130	34.523	nq	96
76) Benzidine	12.66	184	858227	34.745	nq	98
77) Pyrene	12.76	202	1683879	34.999	nq	99
79) Butylbenzylphthalate	13.40	149	682216	40.495	nq	98
80) Benzo(a)anthracene	14.01	228	1358585	33.866	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	561729	37.246	nq #	98
82) Chrysene	14.06	228	1409461	34.116	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	809356	40.688	nq	99
84) Di-n-octyl phthalate	14.71	149	1471773	39.574	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1181920	36.101	nq #	93
87) Benzo(b)fluoranthene	15.16	252	1378124	37.850	nq	97
88) Benzo(k)fluoranthene	15.19	252	1211824m	34.323	nq	
89) Benzo(a)pyrene	15.52	252	1201718	36.289	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	971302	37.764	nq	96
91) Benzo(g,h,i)perylene	17.47	276	976849	38.821	nq	93

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

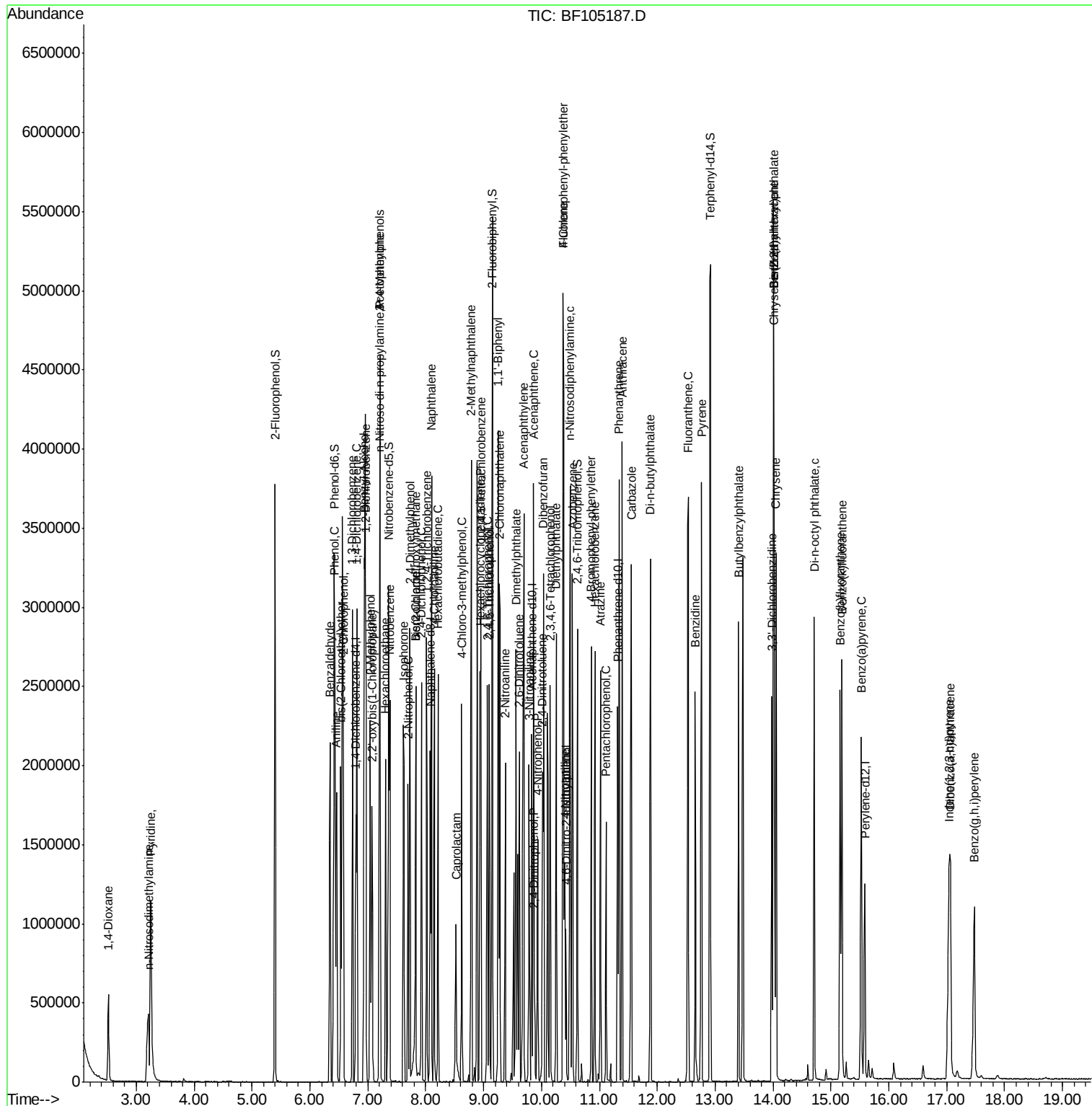
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ALS Vial  : 2 Sample Multiplier: 1
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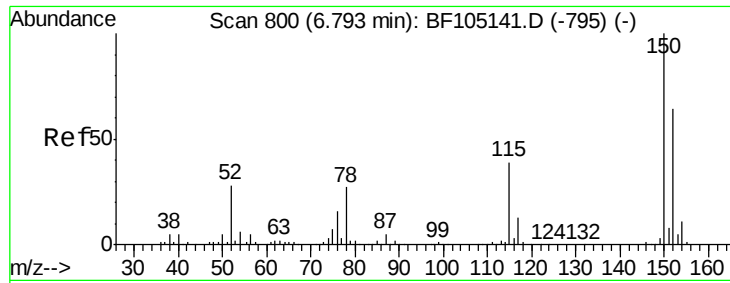
Instrument :
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#1

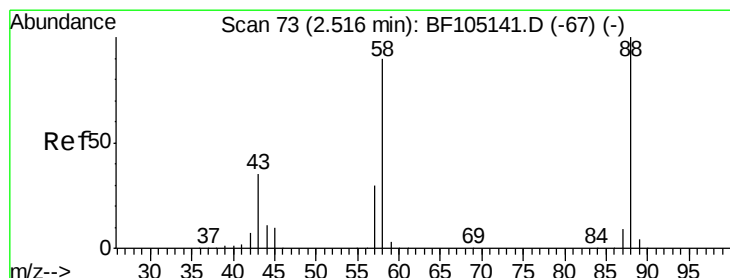
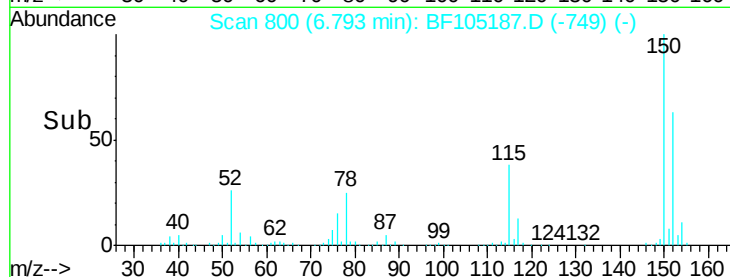
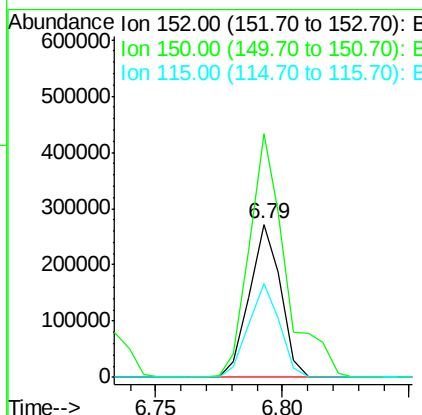
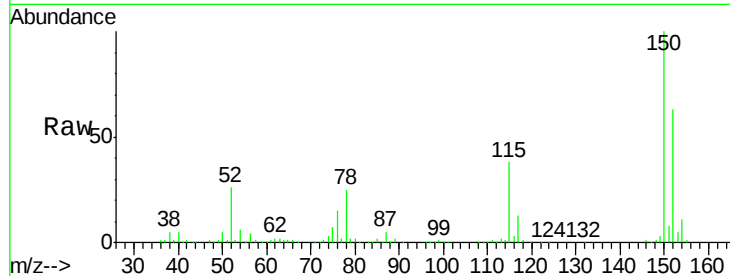
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.1	50.1	75.1

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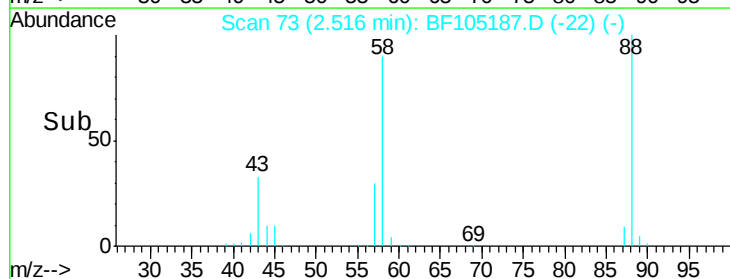
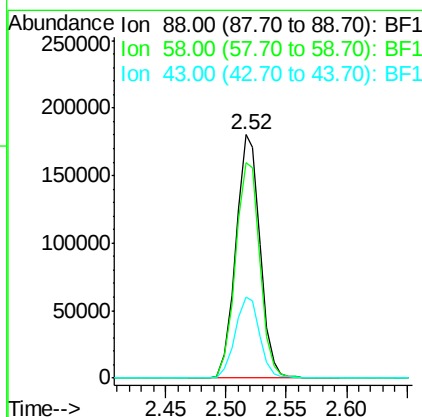
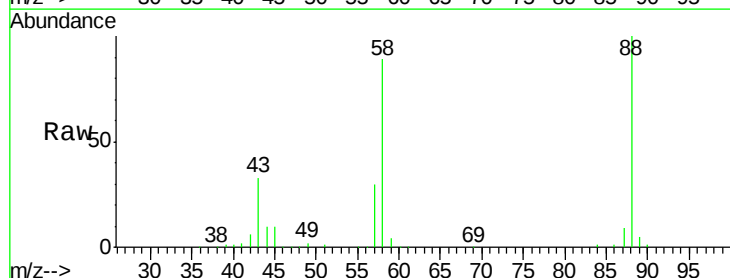
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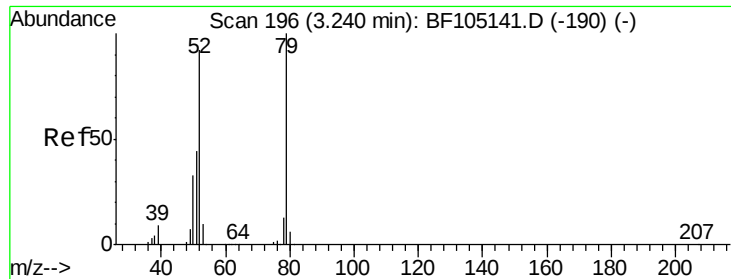


#2

1,4-Dioxane
Concen: 33.446 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	62.6	93.8
43	34.0	24.6	37.0





#3

Pvridine

Concen: 34.035 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

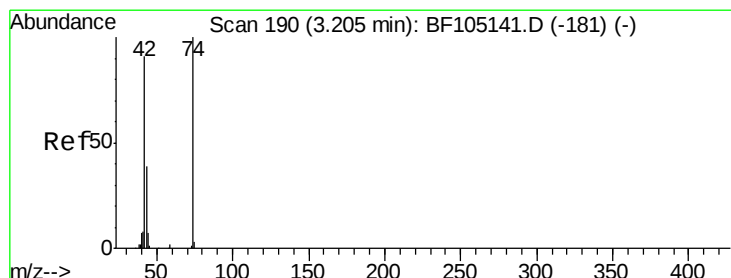
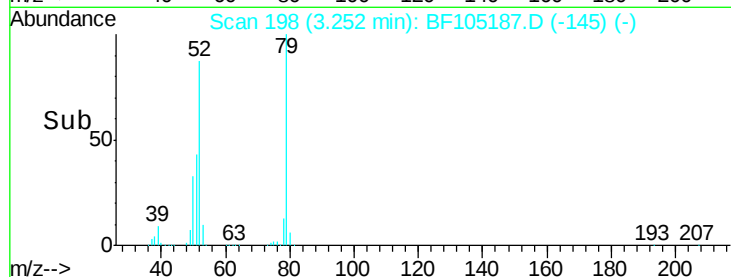
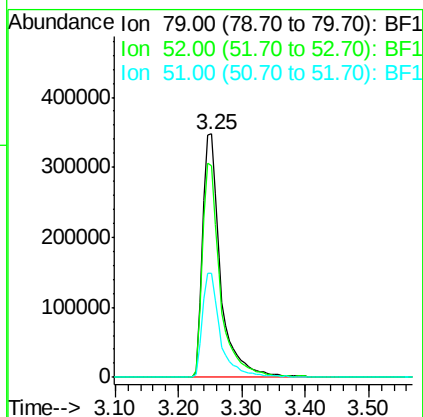
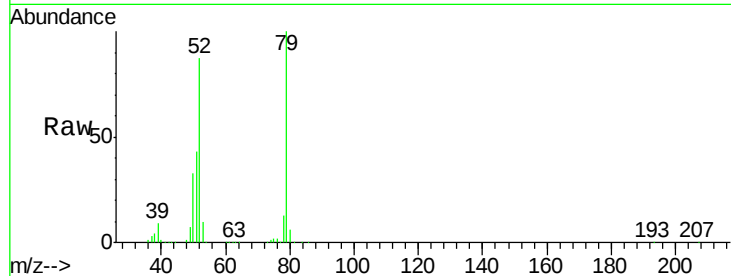
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	685288
Ion Ratio	Lower	Upper	
79	100		
52	86.7	59.8	89.6
51	43.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.727 ng

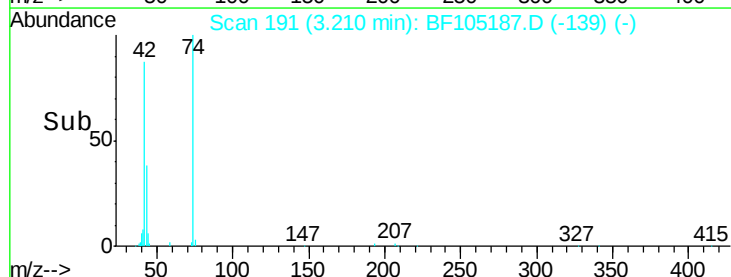
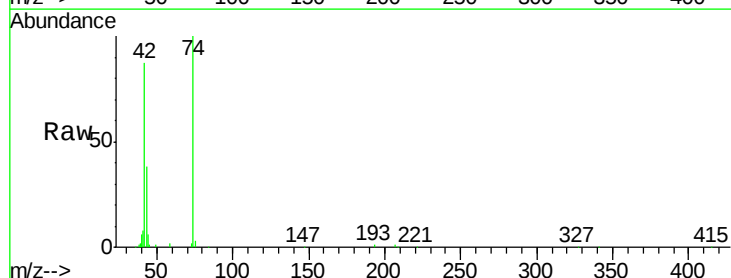
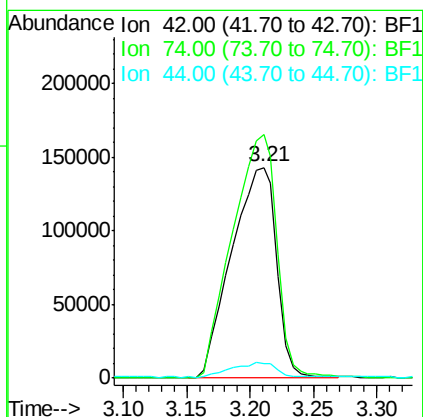
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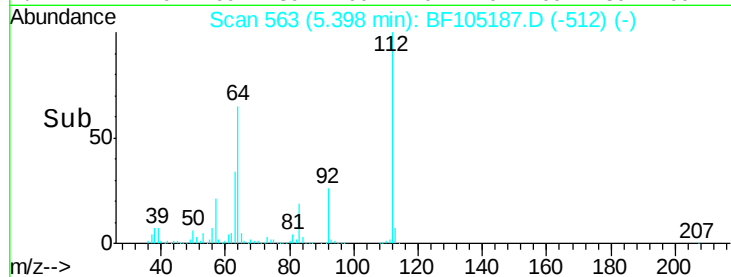
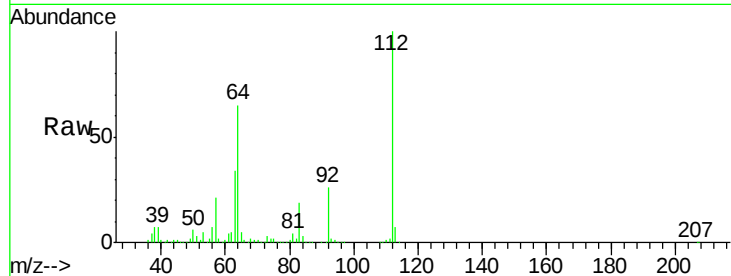
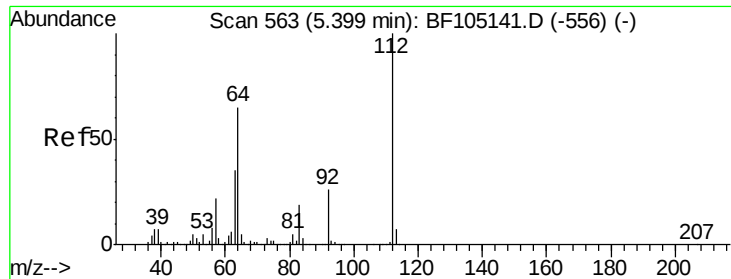
Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	42	Resp:	354399
Ion Ratio	Lower	Upper	
42	100		
74	115.6	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 71.000 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1008201		
64	64.7	47.9	71.9		
63	34.3	23.7	35.5		

Instrument :

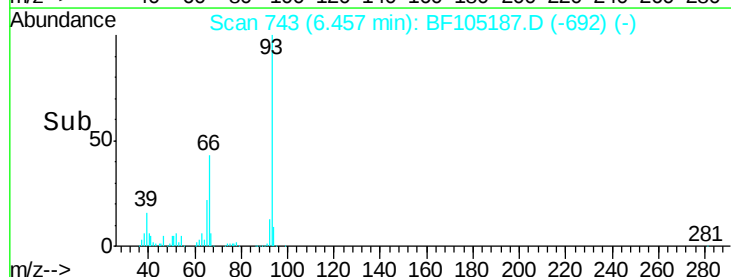
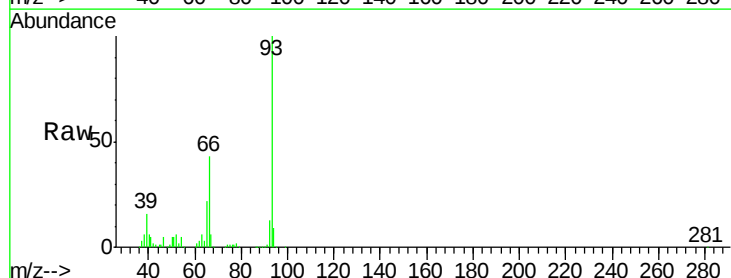
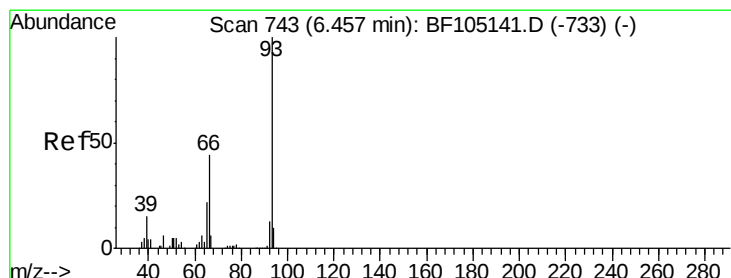
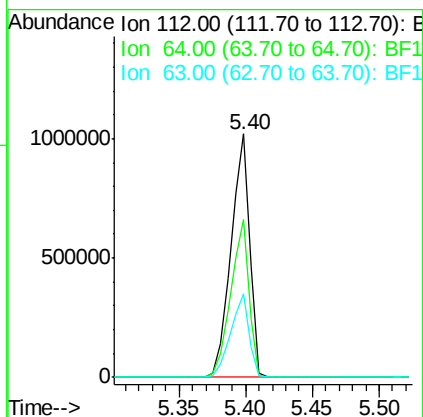
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 35.030 ng

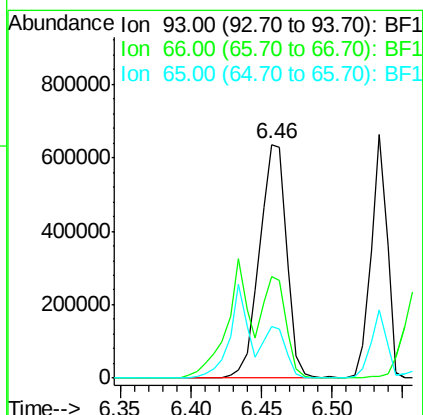
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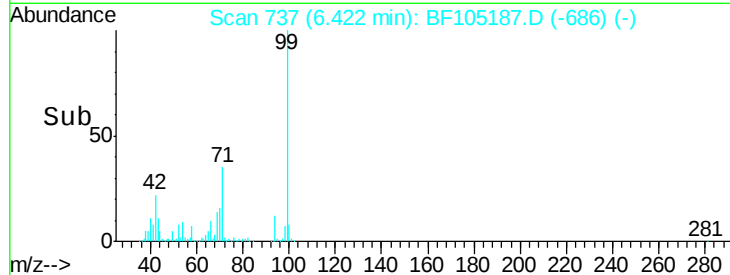
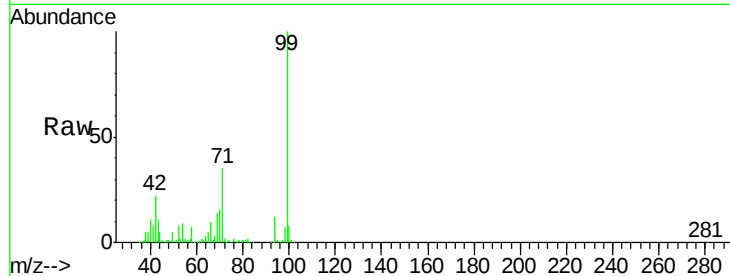
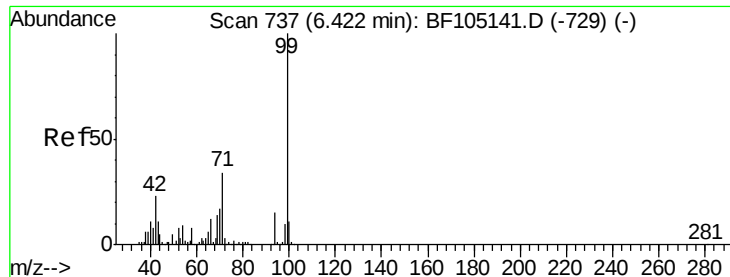
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		865026		
66	43.2	32.2	48.2		
65	22.3	16.4	24.6		





#7

Phenol-d6

Concen: 73.642 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tot Ion: 99 Resp: 1245153

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 35.3 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

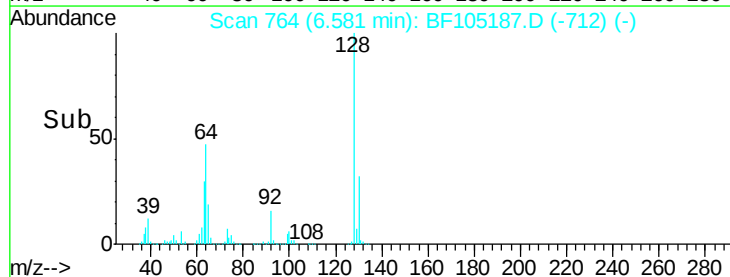
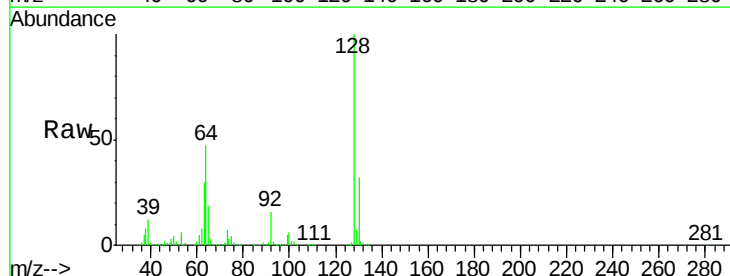
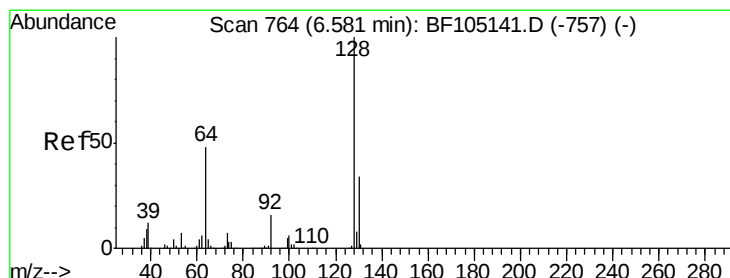
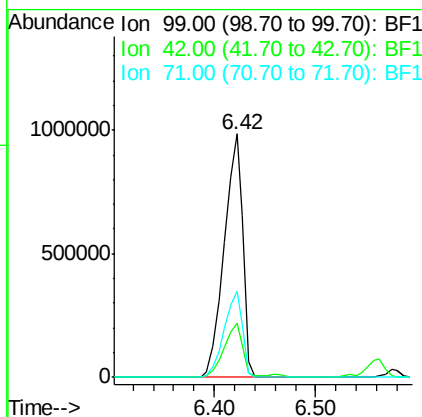
SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 36.276 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

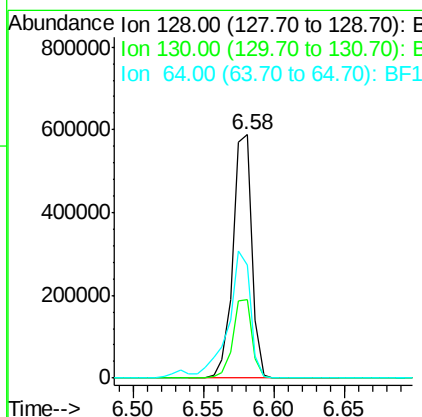
Tgt Ion: 128 Resp: 546449

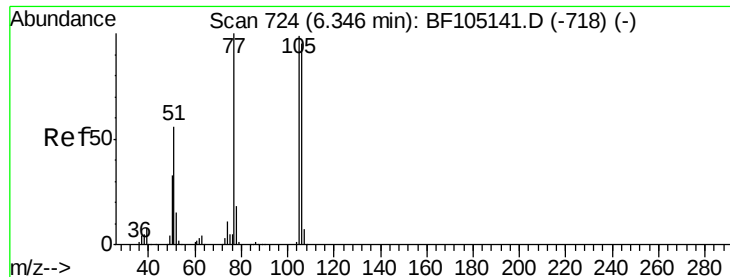
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 46.6 29.4 69.4





#9

Benzaldehyde

Concen: 34.122 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

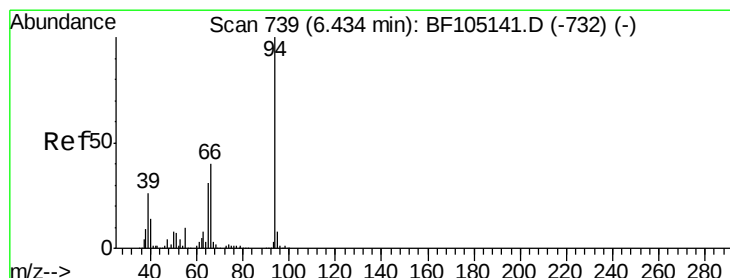
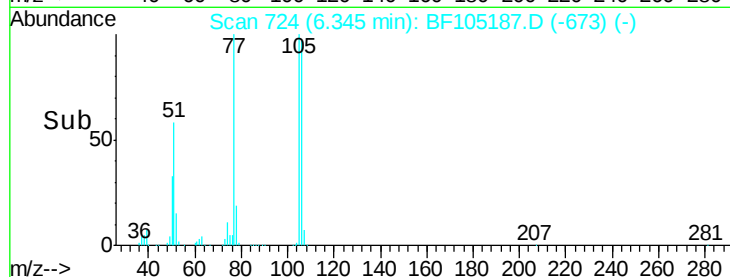
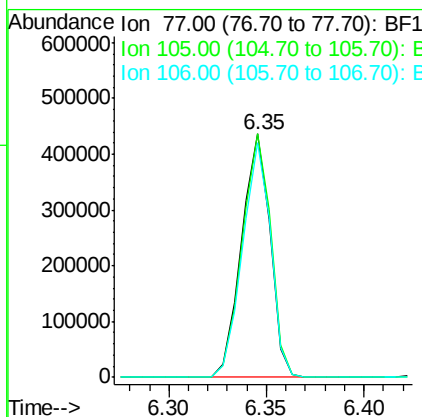
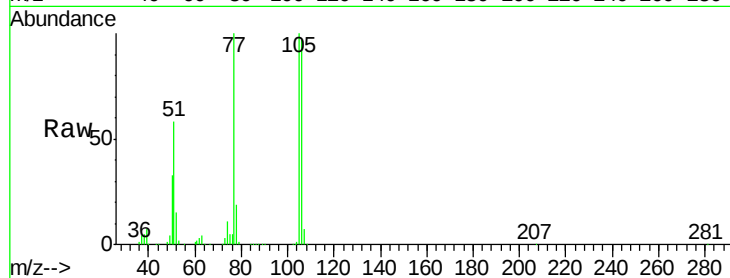
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	442217
Ion Ratio	Lower	Upper	
77	100		
105	100.0	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.386 ng

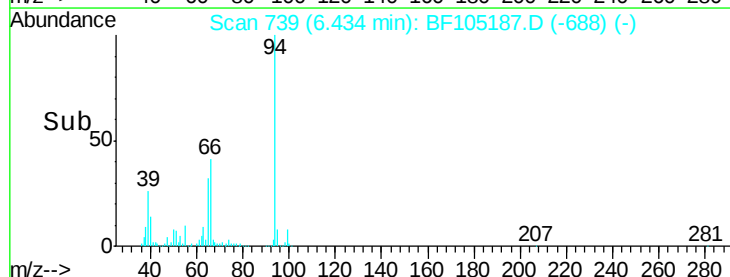
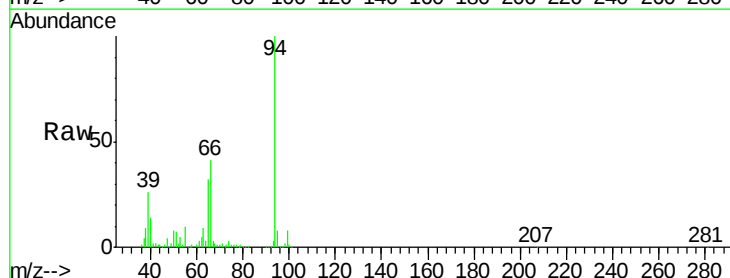
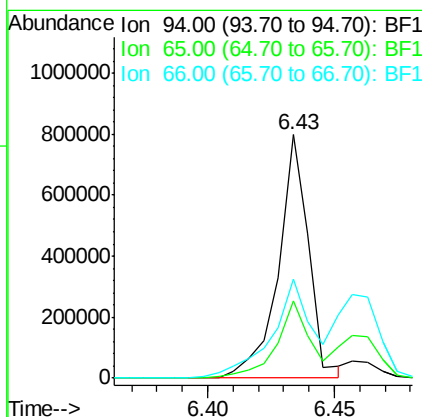
RT: 6.43 min Scan# 739

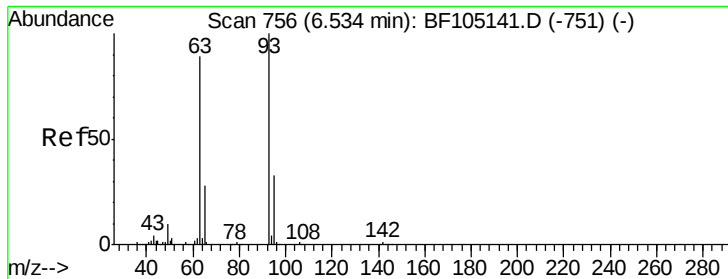
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	94	Resp:	665845
Ion Ratio	Lower	Upper	
94	100		
65	32.0	7.9	47.9
66	40.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.569 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

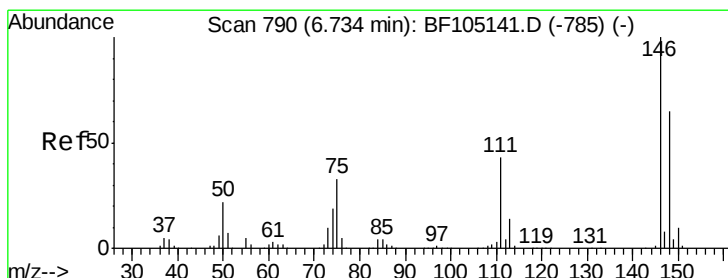
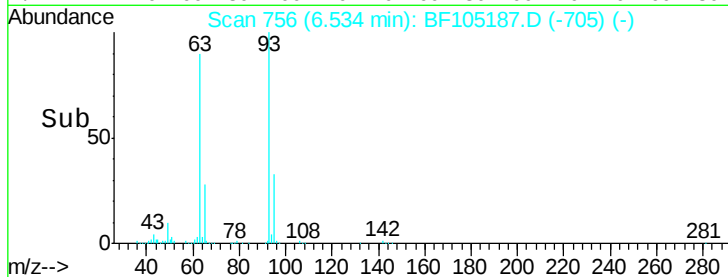
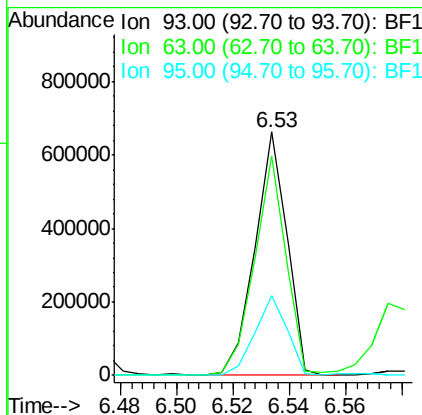
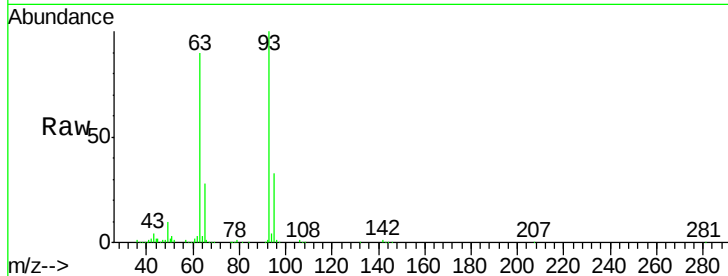
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	520591
Ion Ratio	Lower	Upper	
93	100		
63	90.3	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 34.351 ng

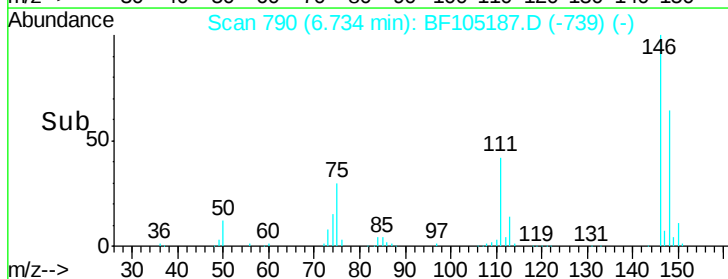
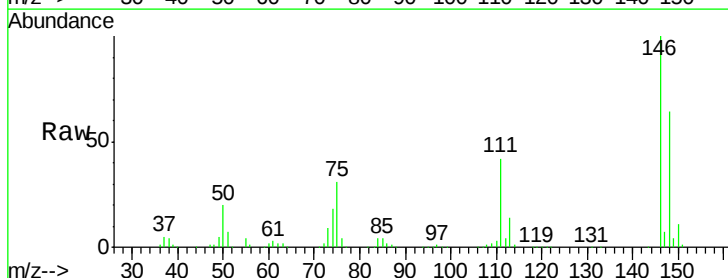
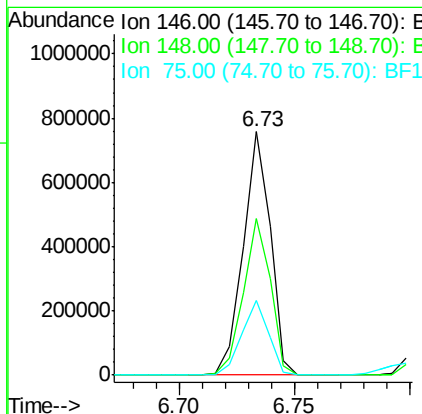
RT: 6.73 min Scan# 790

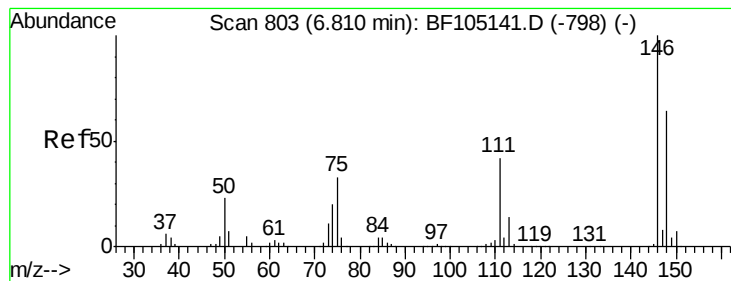
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	146	Resp:	623705
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	30.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.320 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

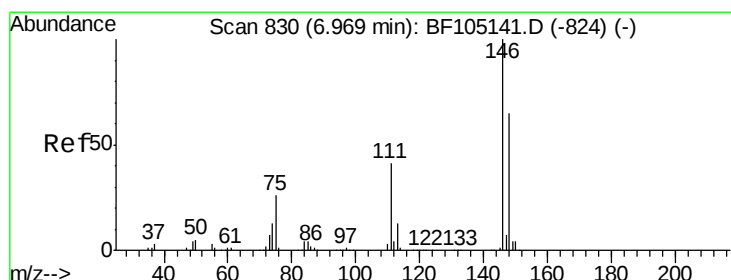
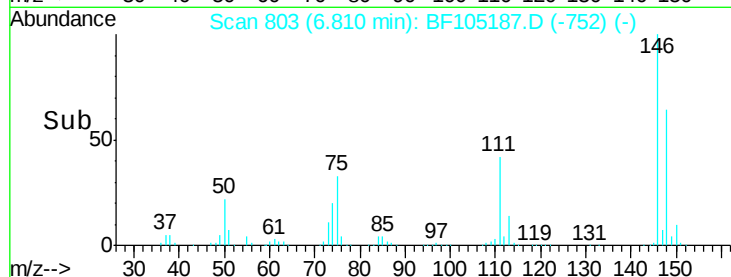
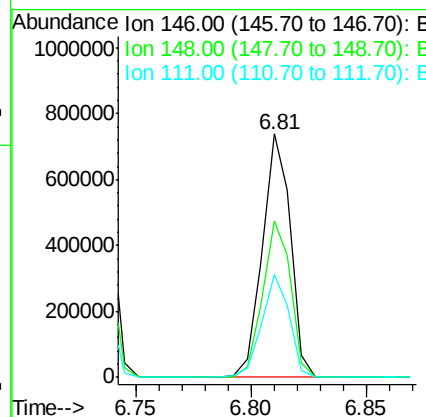
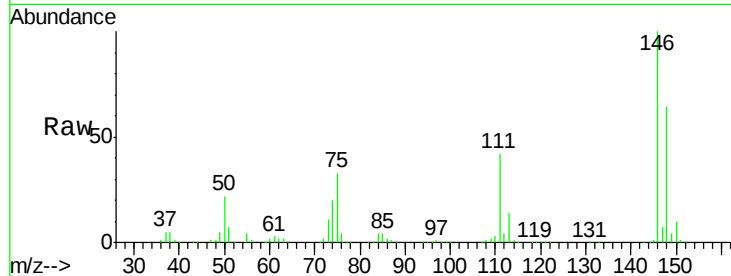
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	623116
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	42.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.325 ng

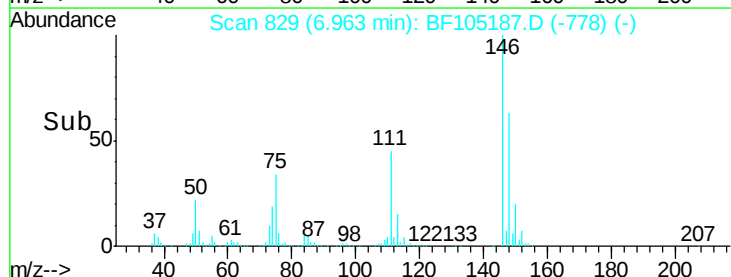
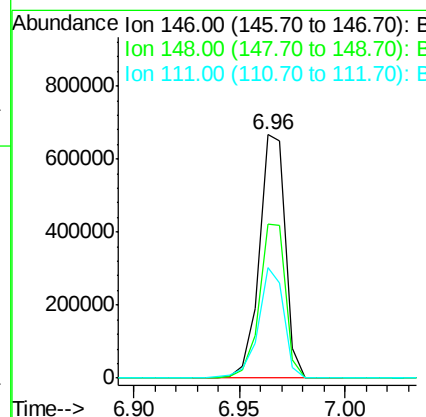
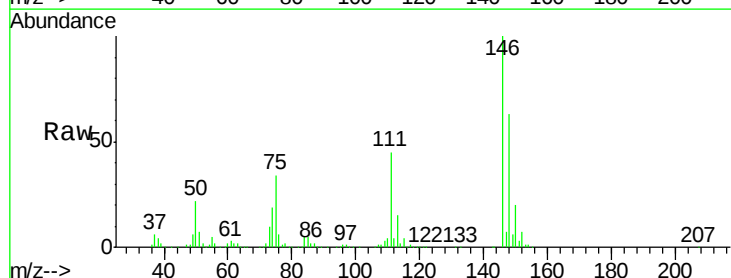
RT: 6.96 min Scan# 829

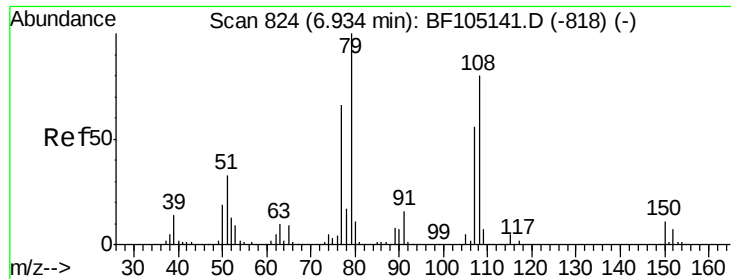
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	146	Resp:	574874
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	45.1	36.0	54.0





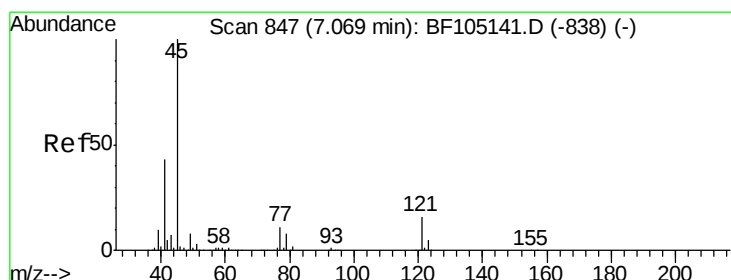
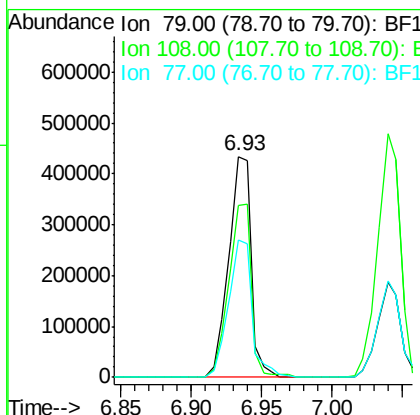
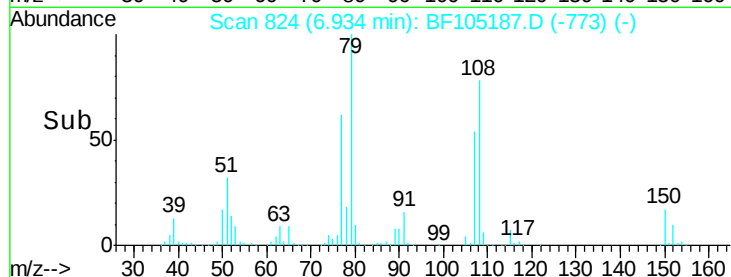
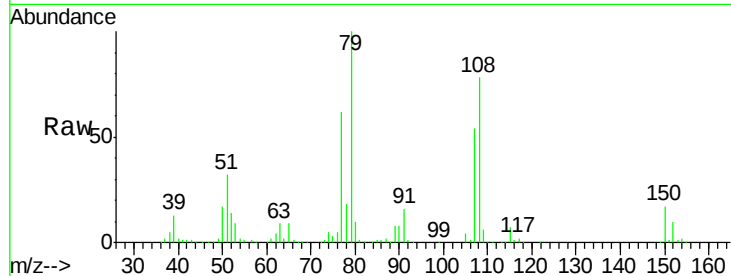
#15
Benzyl Alcohol
Concen: 37.210 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.1	97.7
77	62.1	50.6	75.8

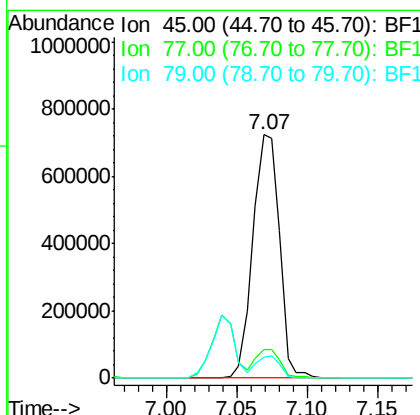
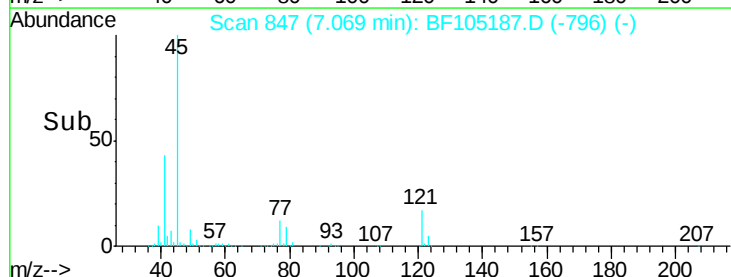
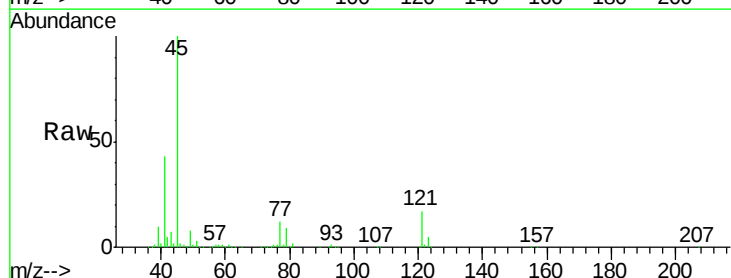
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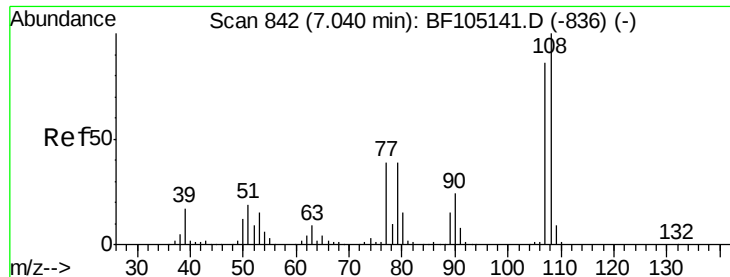
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.350 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	32.9
79	8.8	0.0	29.6





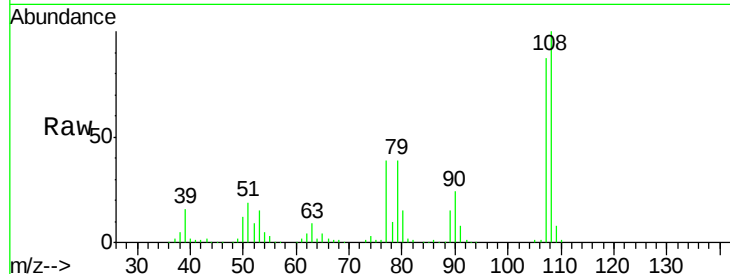
#17
2-Methylphenol
Concen: 36.332 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

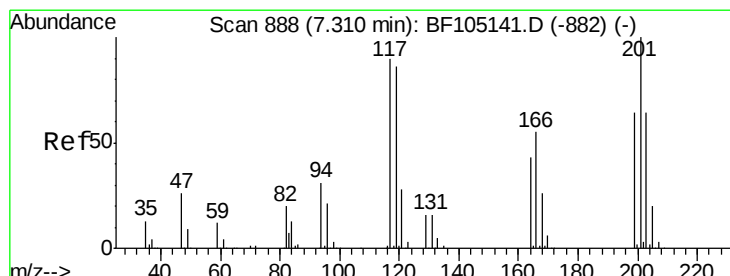
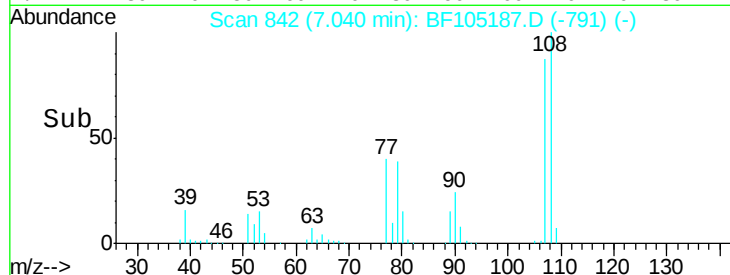
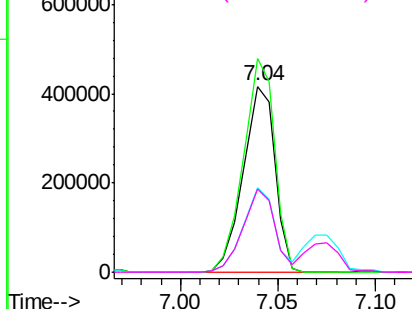
Tot Ion:	107	Resp:	472541
Ion Ratio	Lower	Upper	
107	100		
108	114.8	91.7	137.5
77	45.3	33.8	50.8
79	45.0	33.8	50.8

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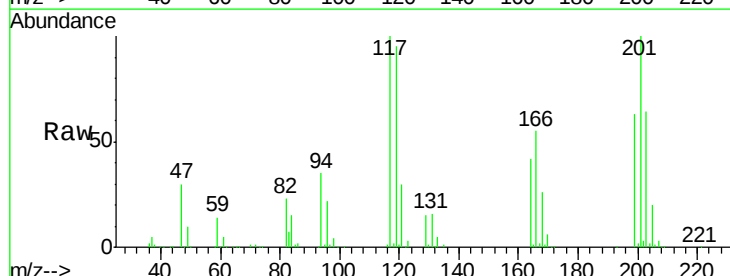


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

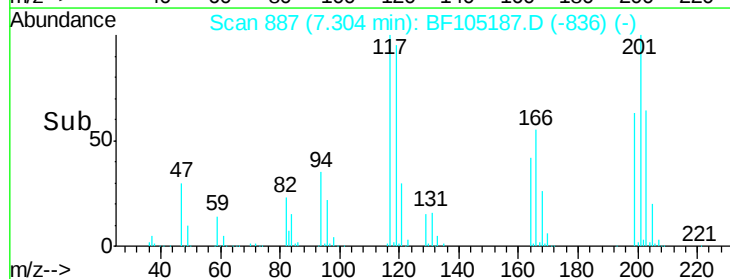
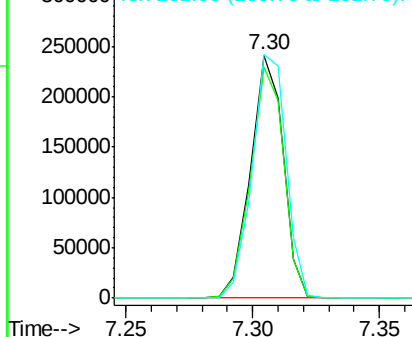


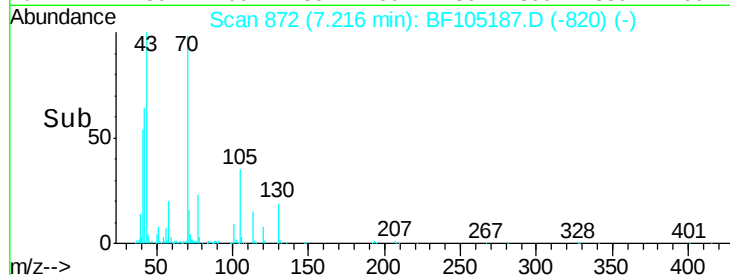
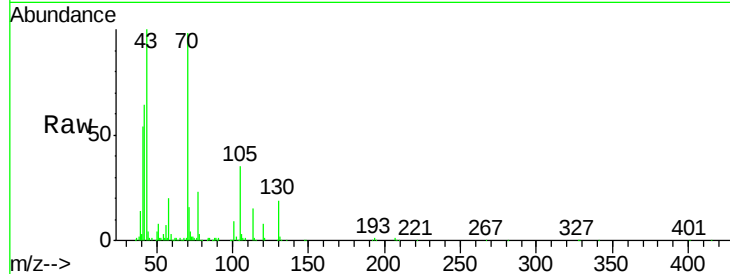
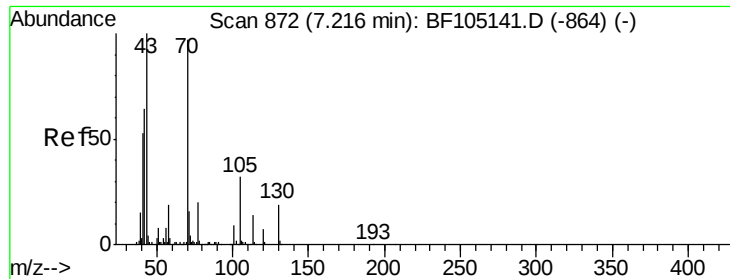
#18
Hexachloroethane
Concen: 37.051 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion:	117	Resp:	216472
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.8	113.8
201	100.2	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





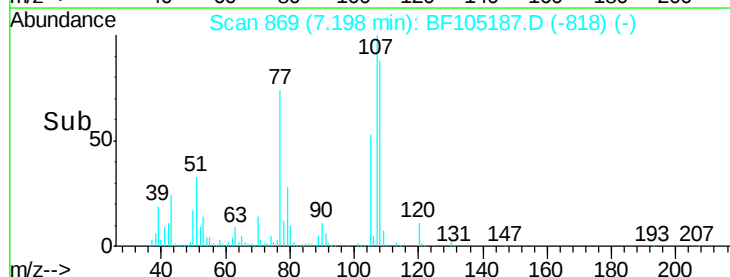
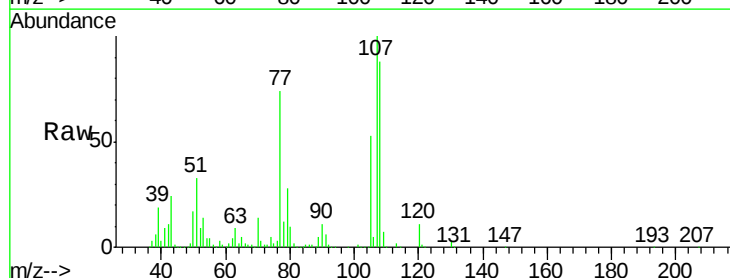
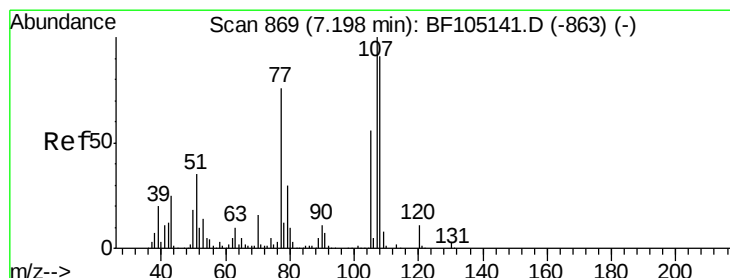
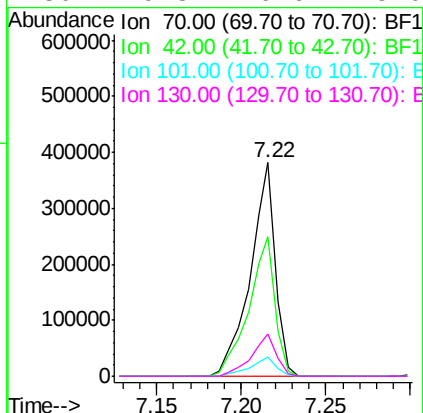
#19
n-Nitroso-di-n-propylamine
Concen: 35.246 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.5	47.5	71.3		
101	9.2	7.4	11.2		
130	19.8	16.6	25.0		

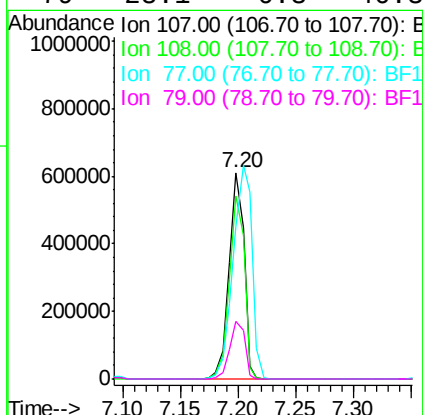
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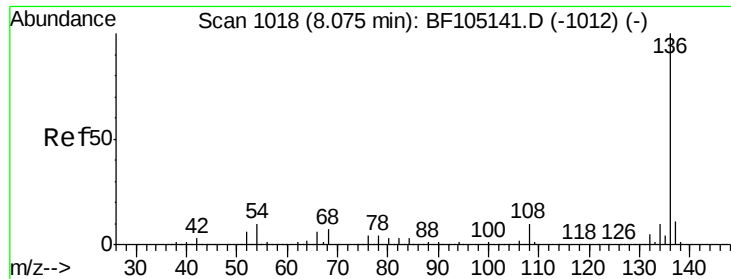
Sohil
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#20
3+4-Methylphenols
Concen: 36.001 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.4	68.2	108.2		
77	73.9	26.7	66.7#		
79	28.1	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: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

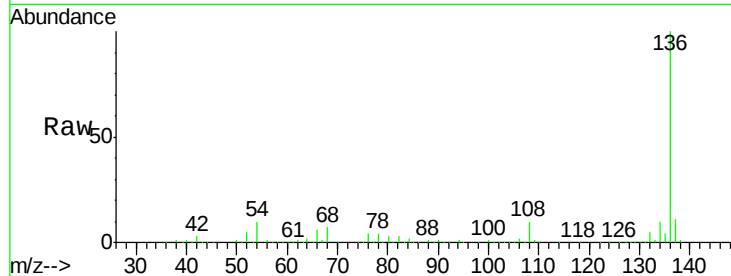
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	919367		
137	11.1	8.9	13.3	
54	10.1	6.6	9.8	
68	6.7	5.0	7.4	

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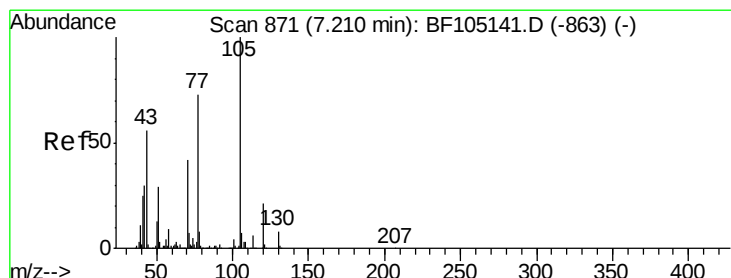
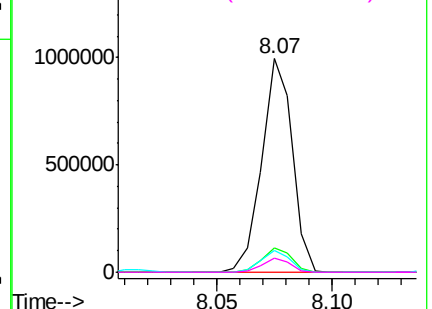
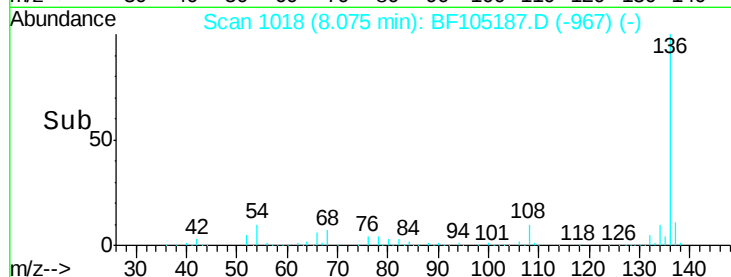
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.442 ng

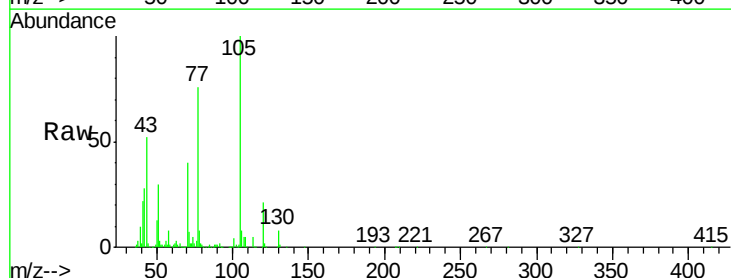
RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	716661		
71	6.6	4.4	6.6	
51	30.0	22.3	33.5	
120	20.7	16.9	25.3	



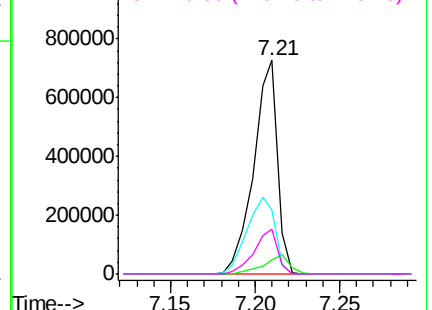
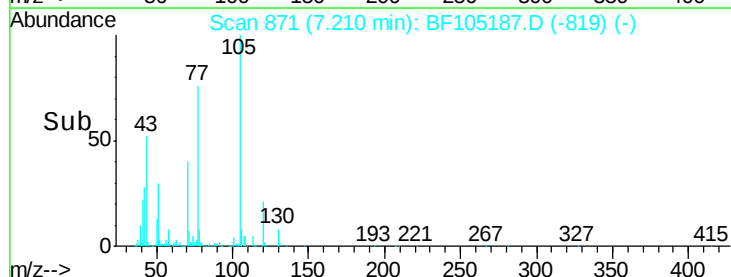
Abundance

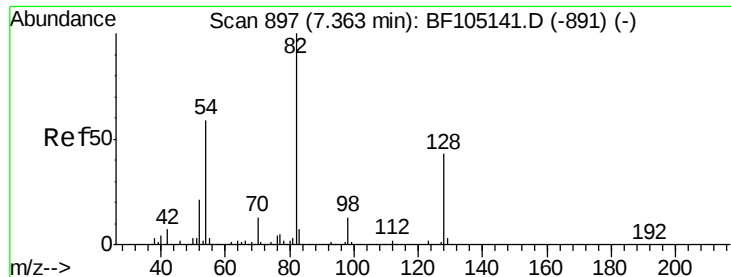
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





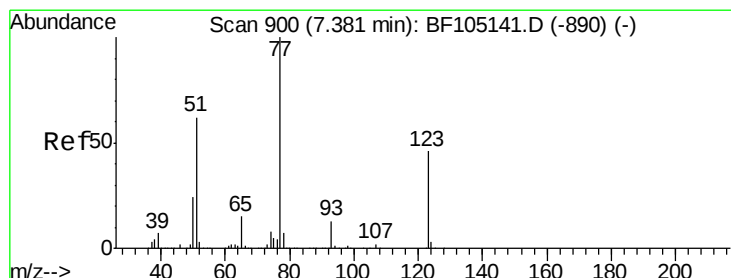
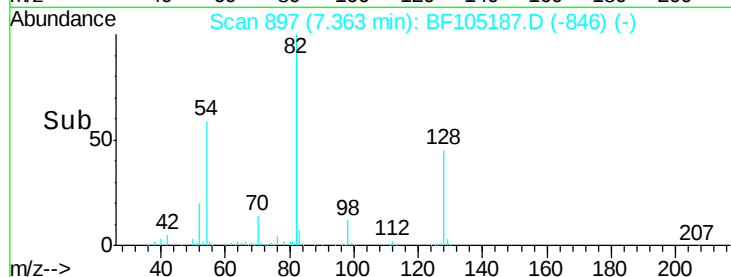
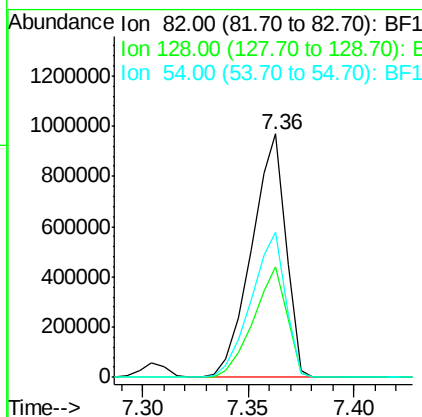
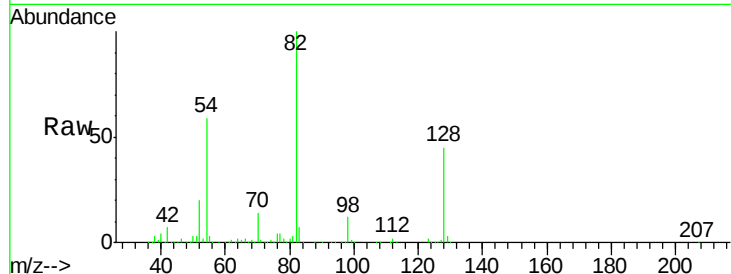
#23
Nitrobenzene-d5
Concen: 80.512 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	59.4	41.4	62.2

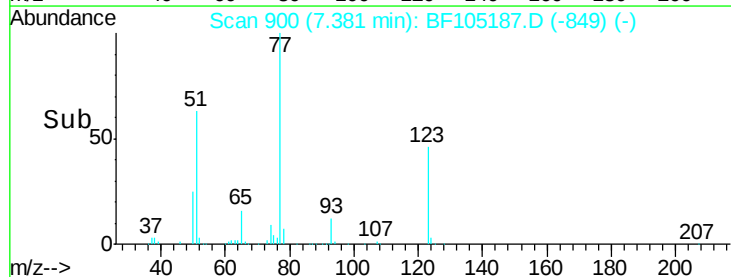
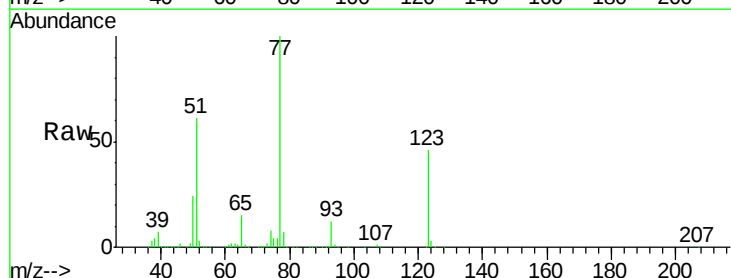
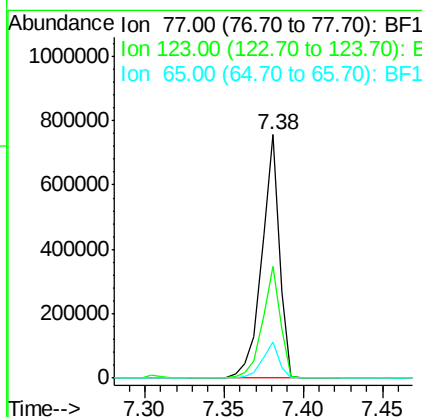
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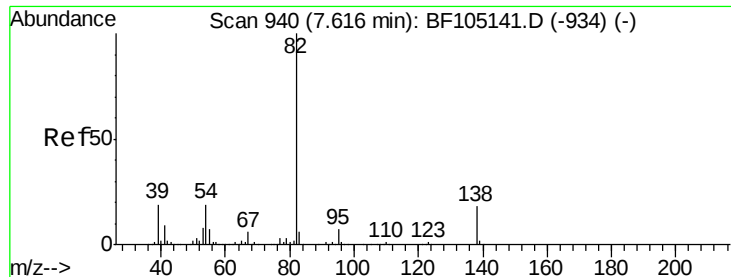
Sohil
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#24
Nitrobenzene
Concen: 38.346 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 35.130 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1065768

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

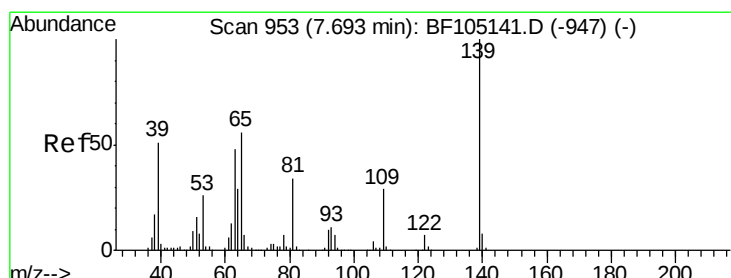
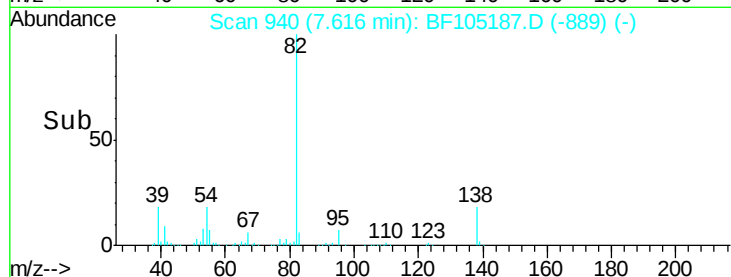
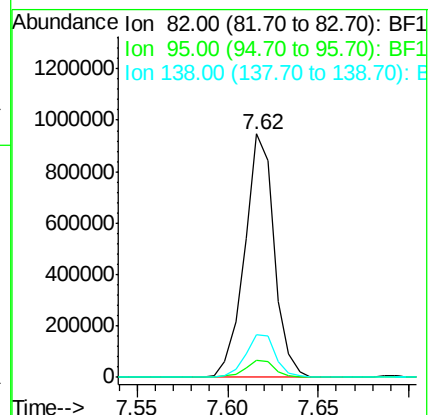
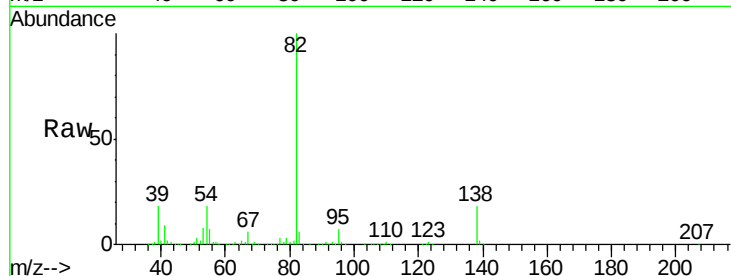
138 17.6 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.007 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

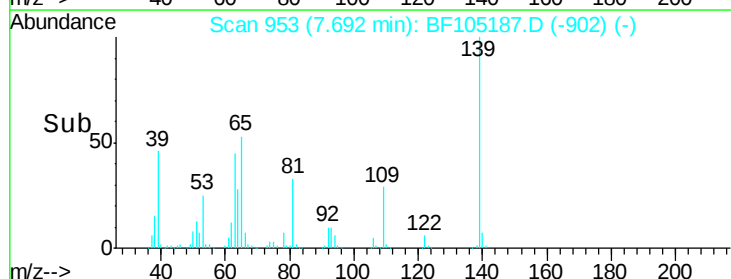
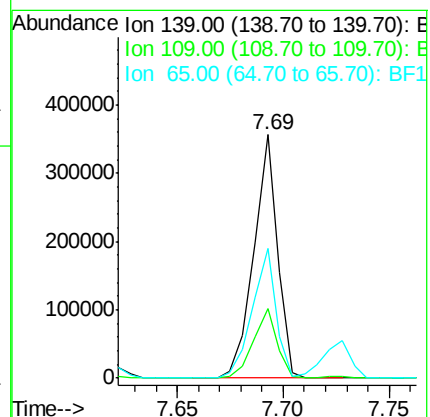
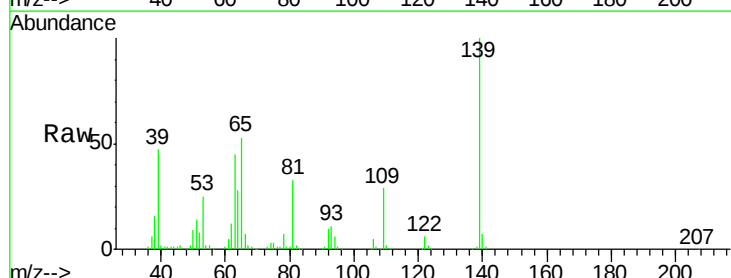
Tgt Ion: 139 Resp: 279911

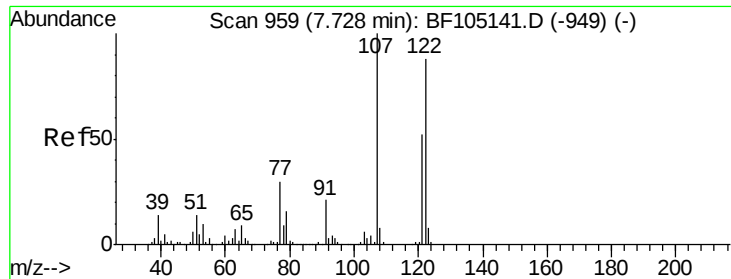
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 53.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.179 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

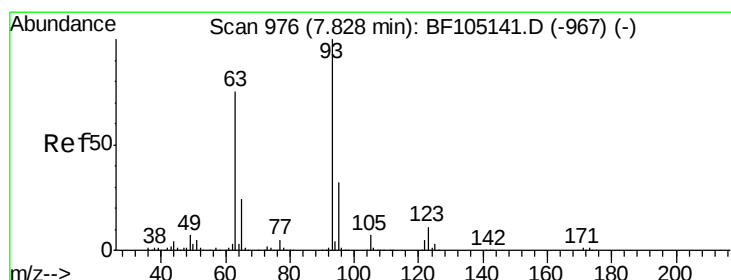
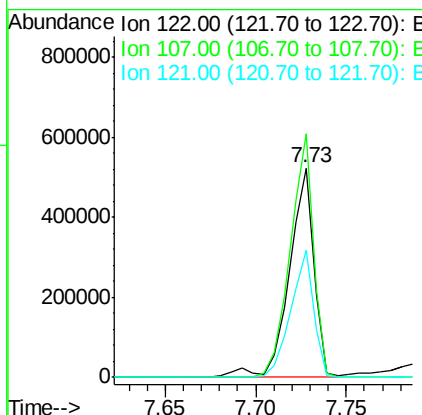
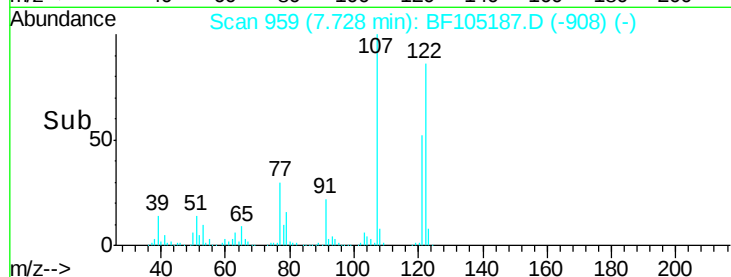
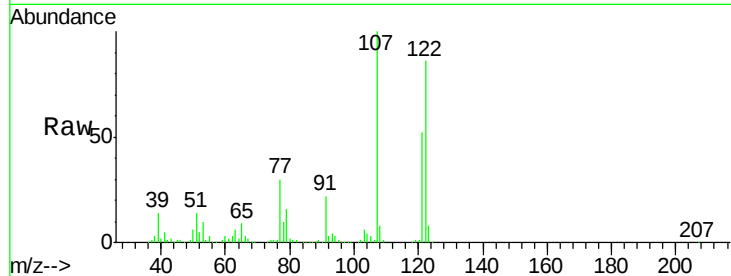
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	501242
Ion Ratio	Lower	Upper	
122	100		
107	116.3	91.2	136.8
121	60.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.085 ng

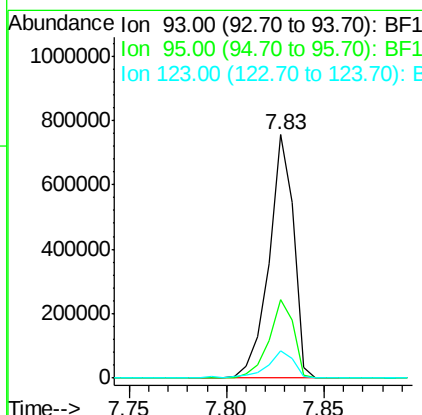
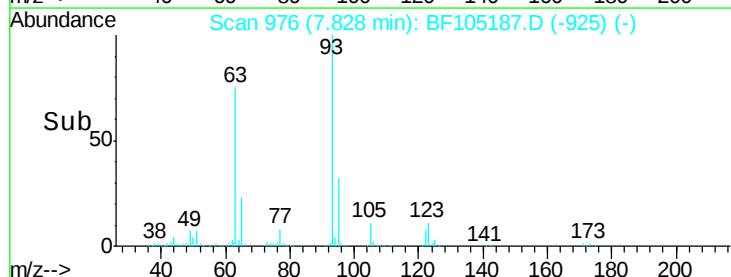
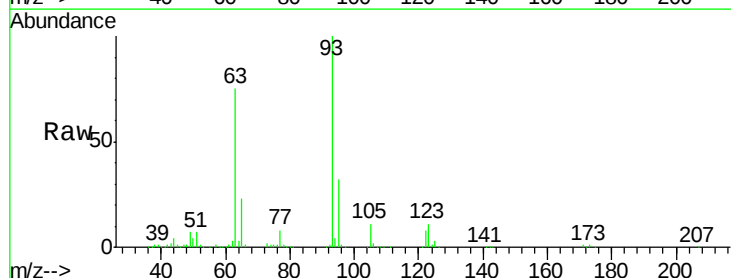
RT: 7.83 min Scan# 976

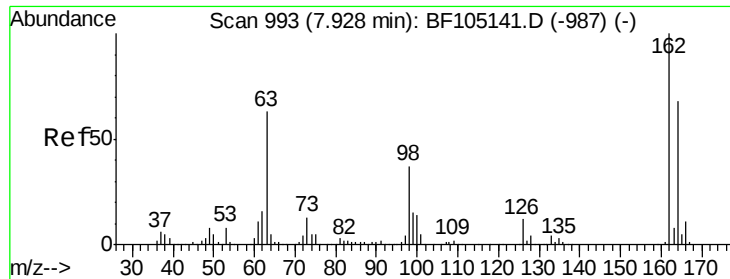
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	93	Resp:	656881
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6





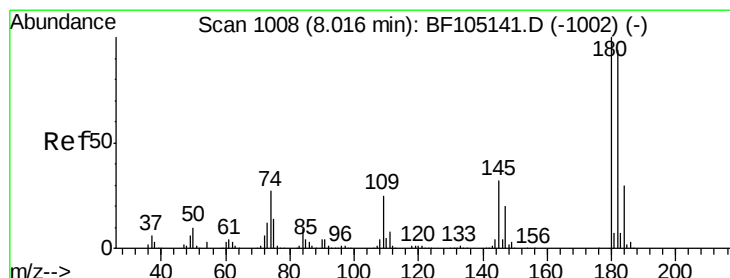
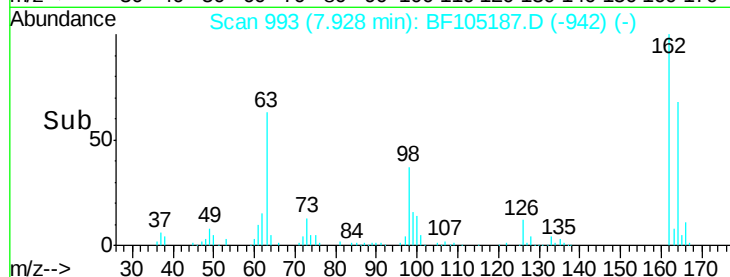
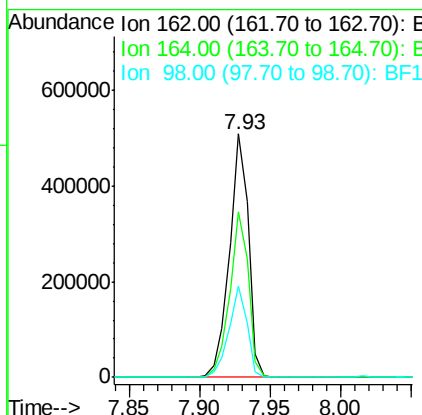
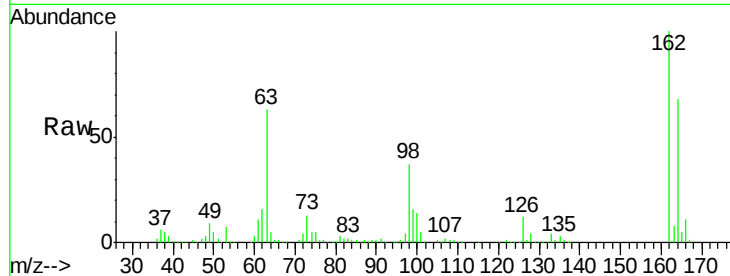
#29
2,4-Dichlorophenol
Concen: 37.653 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	42.7	82.7
98	37.4	18.1	58.1

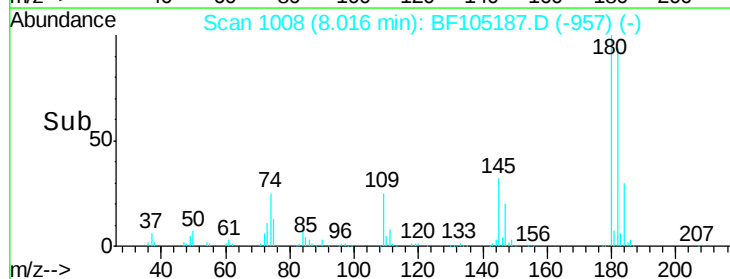
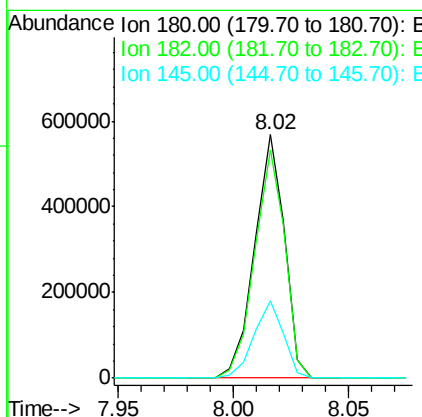
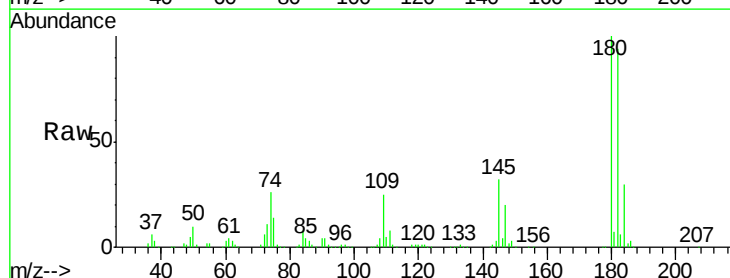
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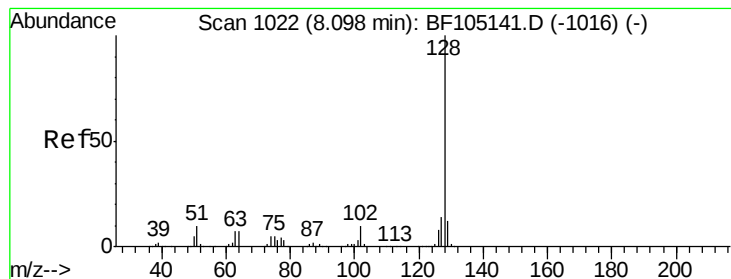
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#30
1,2,4-Trichlorobenzene
Concen: 35.274 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	31.7	26.5	39.7





#31

Naphthalene

Concen: 34.200 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1513954

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

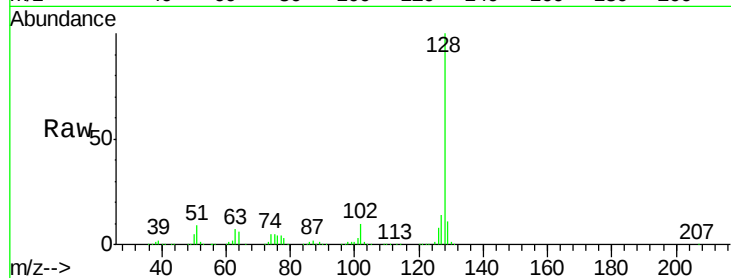
127 13.9 10.9 16.3

Manual Integrations

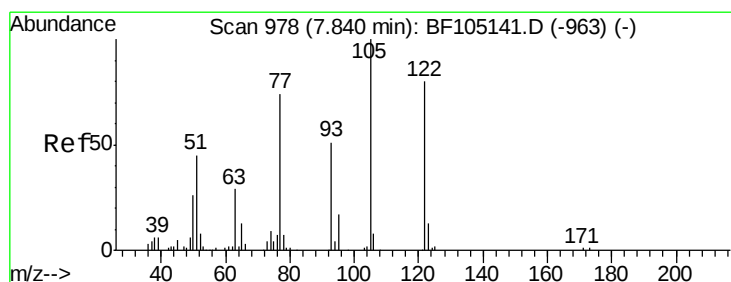
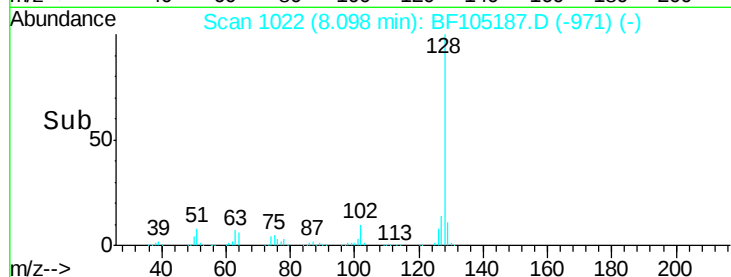
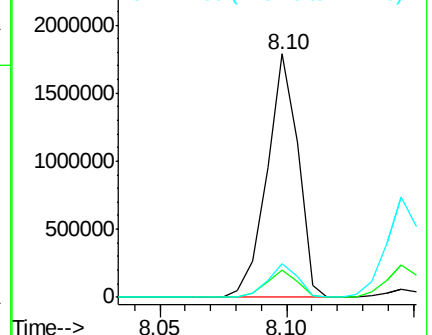
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.042 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

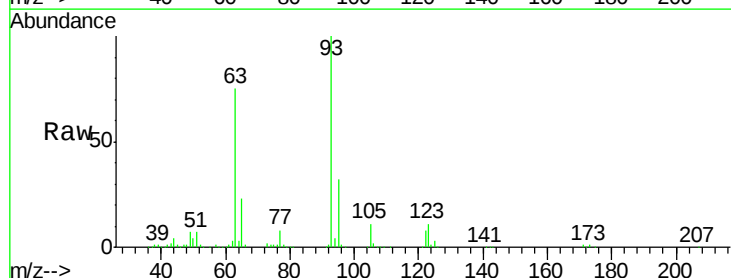
Tgt Ion:122 Resp: 178604

Ion Ratio Lower Upper

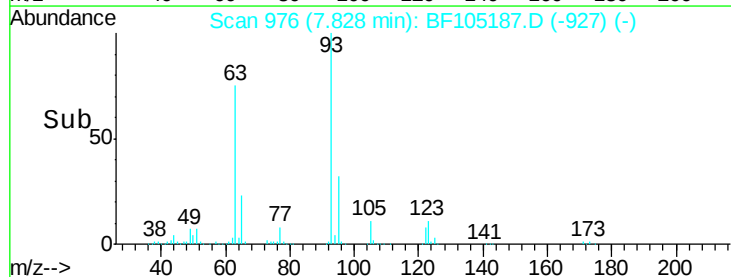
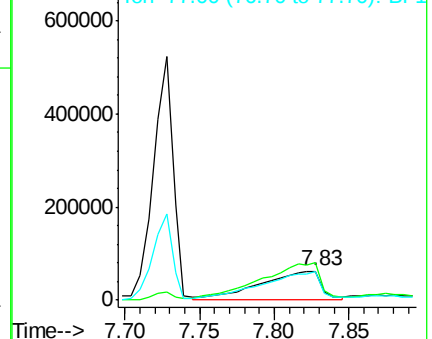
122 100

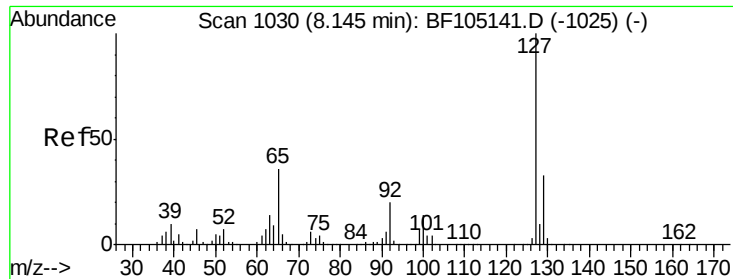
105 130.1 101.1 141.1

77 97.5 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





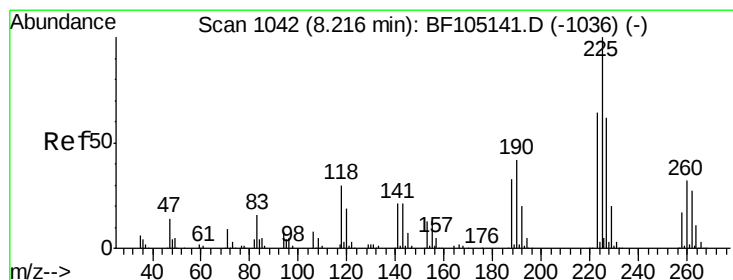
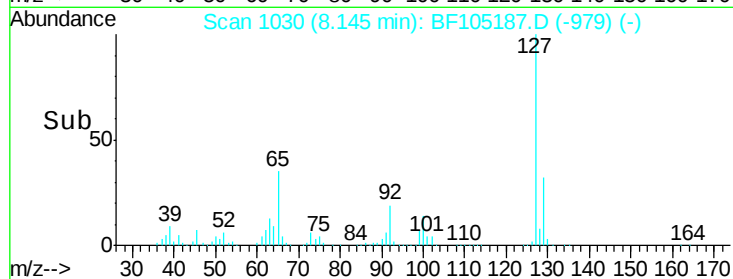
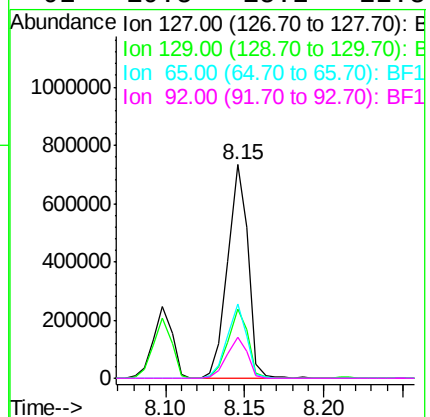
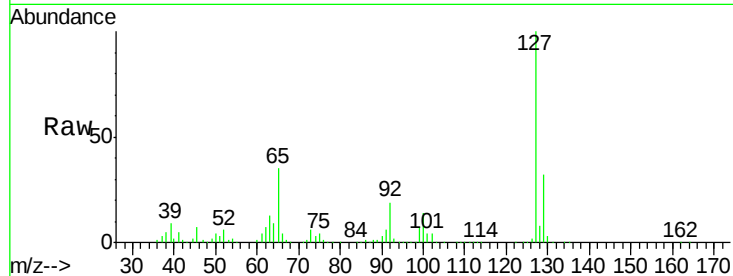
#33
4-Chloroaniline
Concen: 35.628 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		655834		
129	32.4		25.9	38.9	
65	34.8		25.0	37.4	
92	19.5		15.2	22.8	

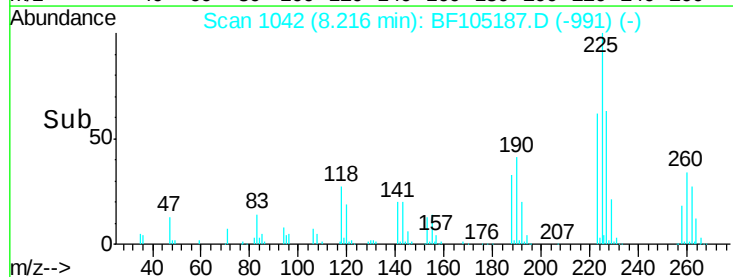
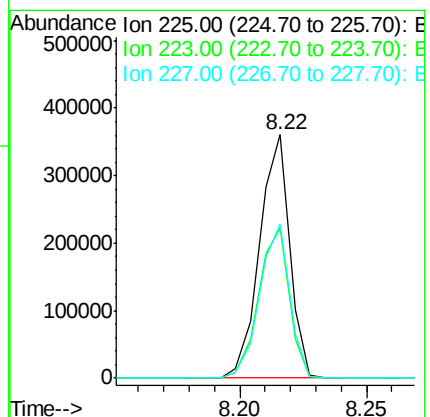
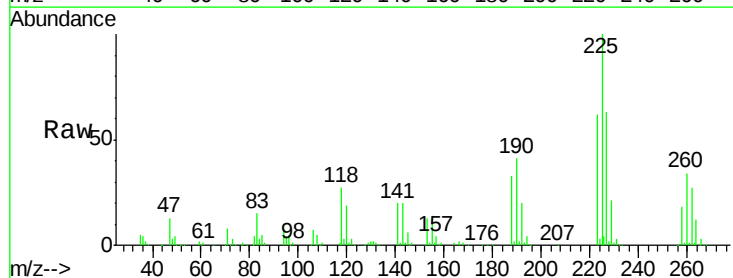
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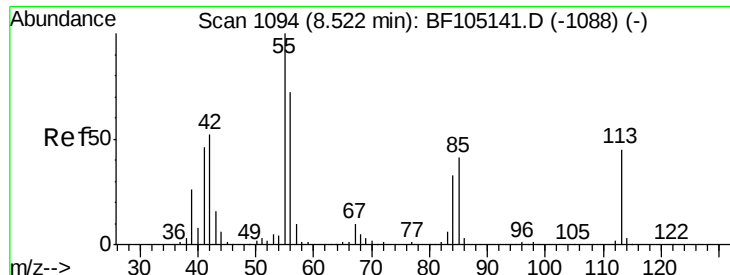
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#34
Hexachlorobutadiene
Concen: 35.529 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		299399		
223	61.7		50.6	76.0	
227	63.4		51.9	77.9	





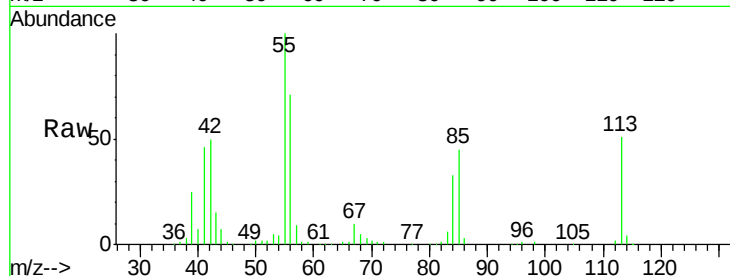
#35
Caprolactam
Concen: 38.625 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

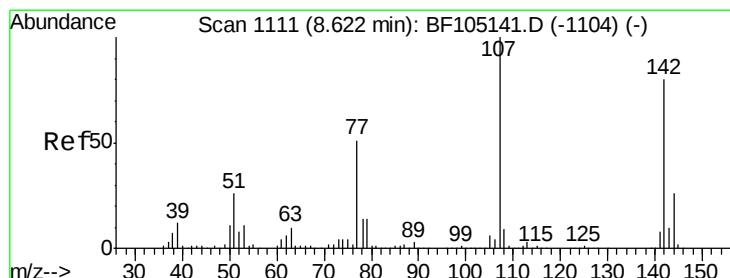
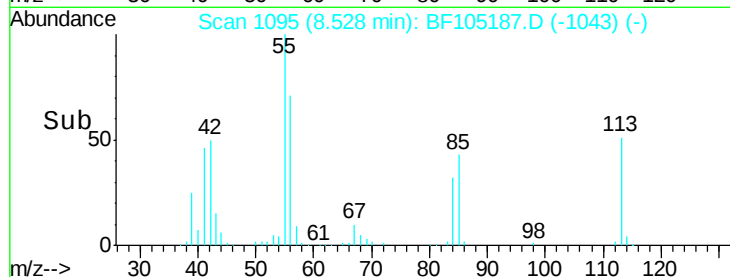
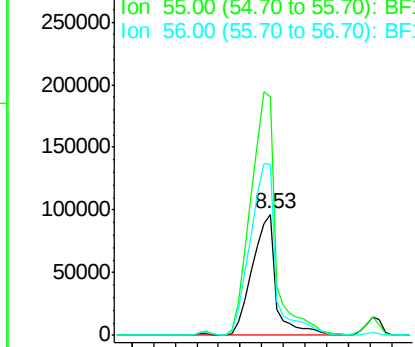
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	197.1	163.3	203.3		
56	140.6	115.7	155.7		

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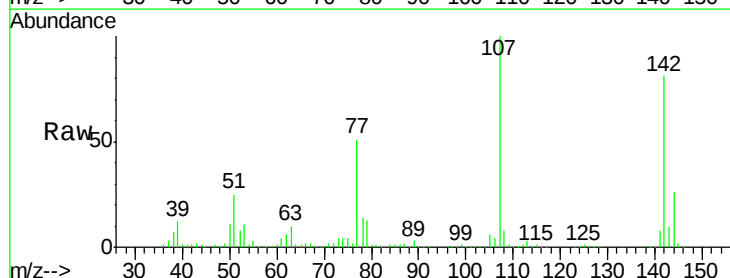


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

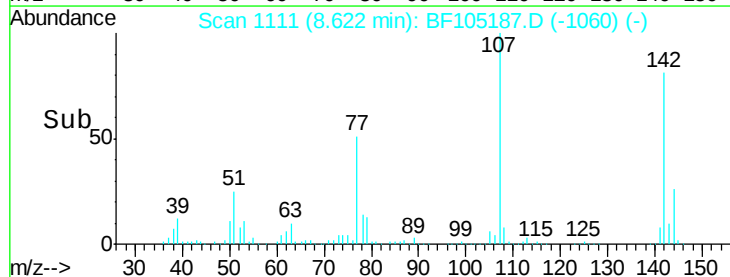
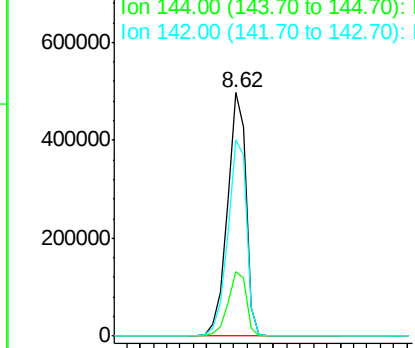


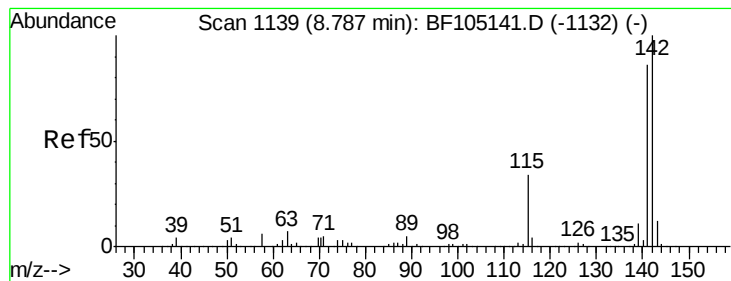
#36
4-Chloro-3-methylphenol
Concen: 37.369 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2	20.5	30.7		
142	80.5	62.0	93.0		



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





#37

2-Methylnaphthalene

Concen: 34.593 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:142 Resp: 1067358

Ion Ratio Lower Upper

142 100

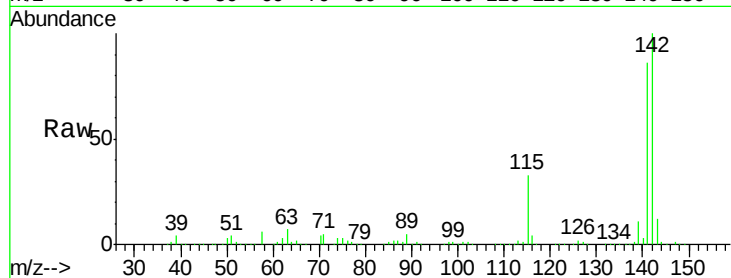
141 85.9 70.8 106.2

115 33.5 26.1 39.1

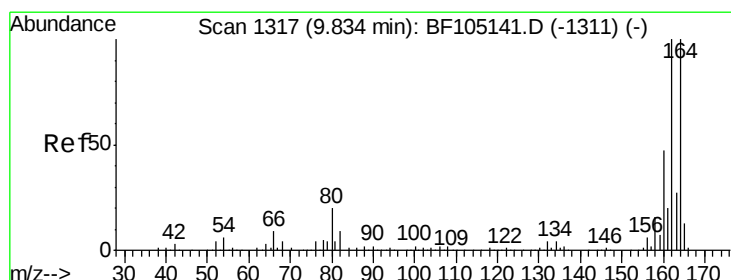
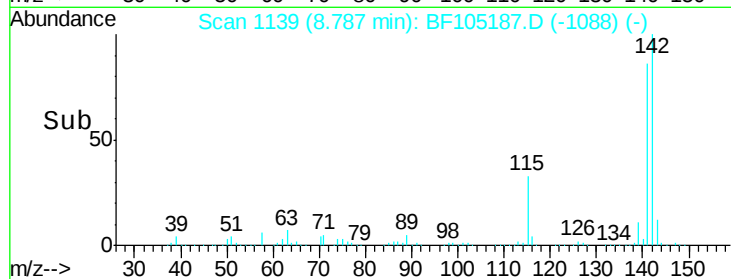
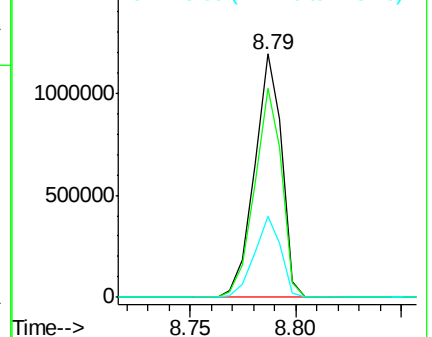
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

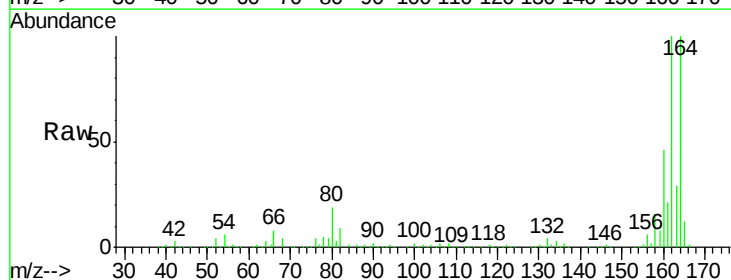
Tgt Ion:164 Resp: 453431

Ion Ratio Lower Upper

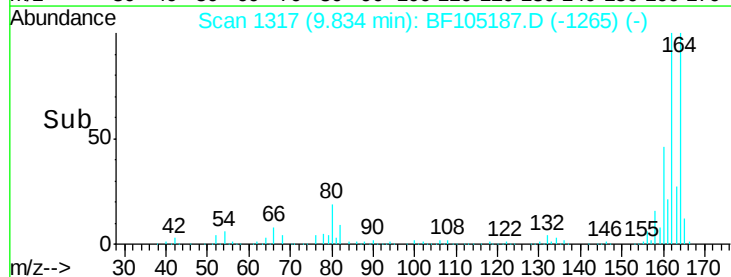
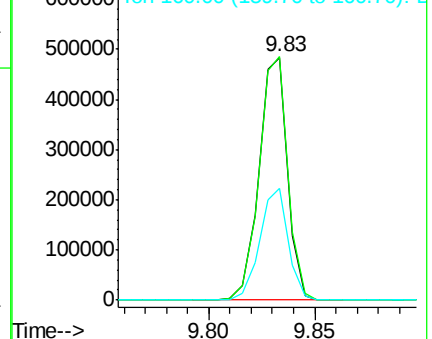
164 100

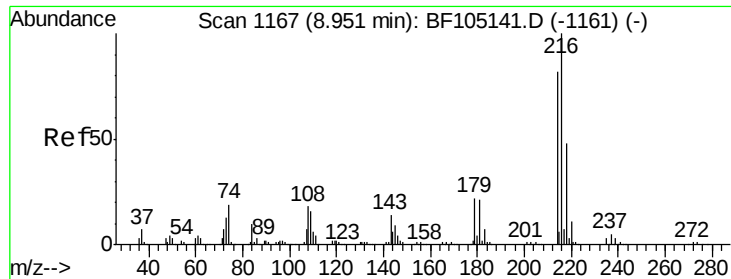
162 100.2 86.1 129.1

160 46.0 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





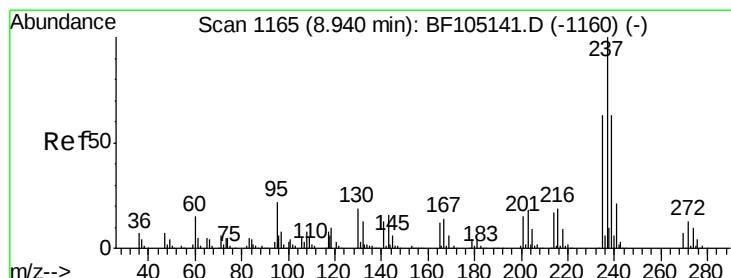
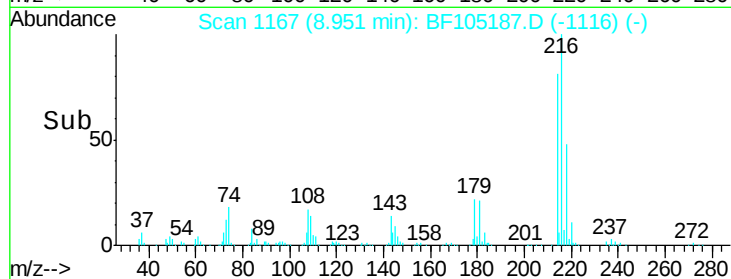
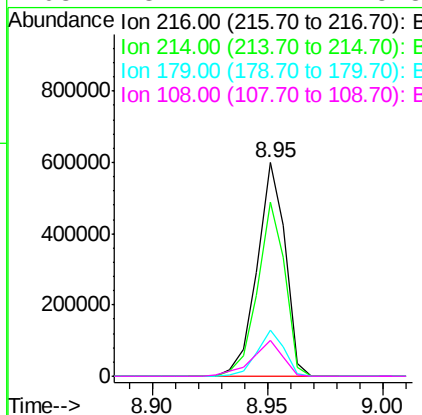
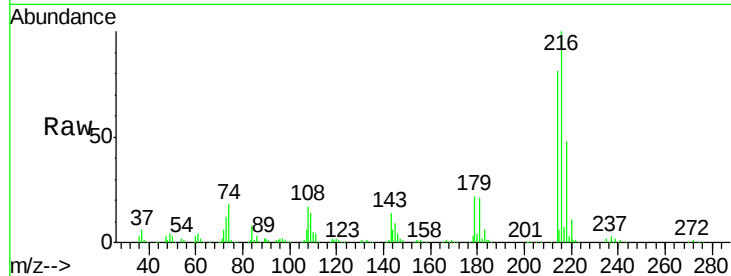
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.260 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		508759		
214	79.6		63.0	94.4	
179	20.9		18.1	27.1	
108	18.1		17.2	25.8	

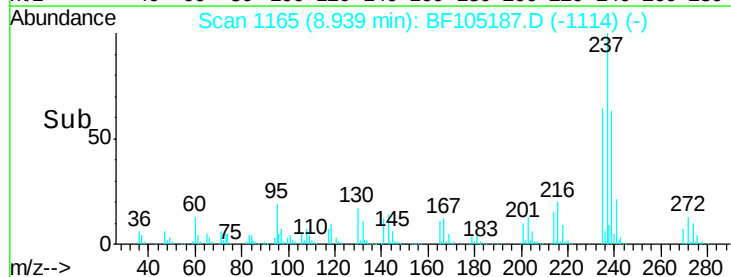
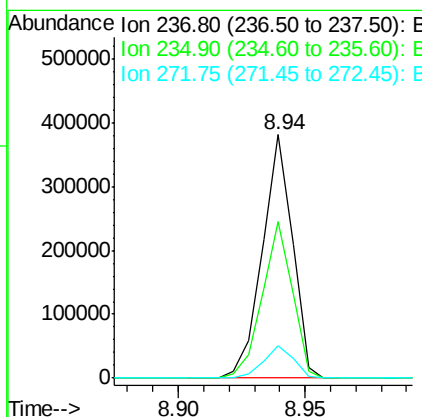
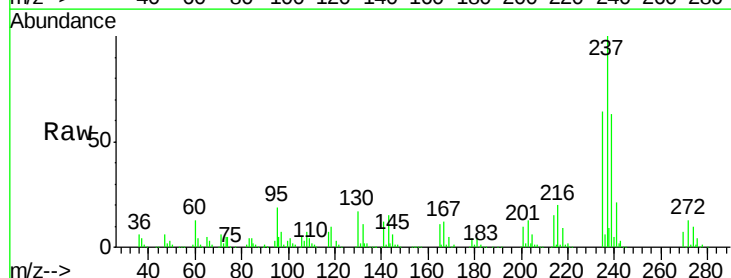
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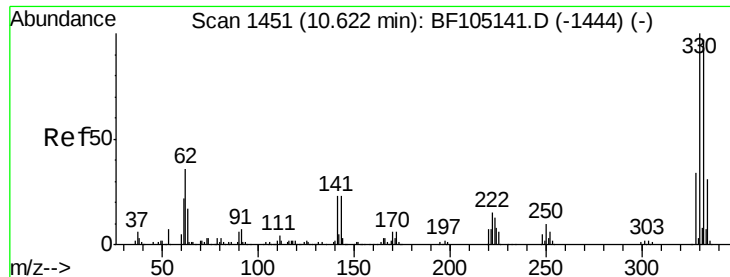
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#40
 Hexachlorocyclopentadiene
 Concen: 40.483 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		315852		
235	64.1		44.8	84.8	
272	13.3		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 76.676 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:330 Resp: 383578

Ion Ratio Lower Upper

330 100

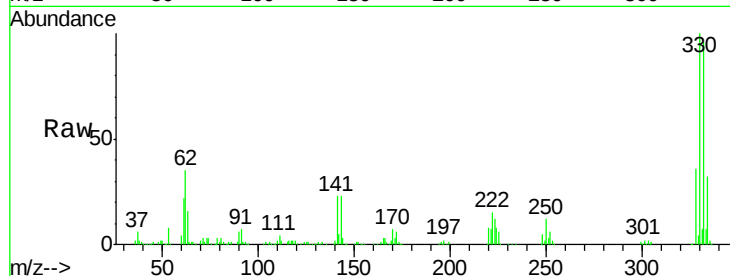
332 96.6 77.0 115.6

141 27.7 29.9 44.9#

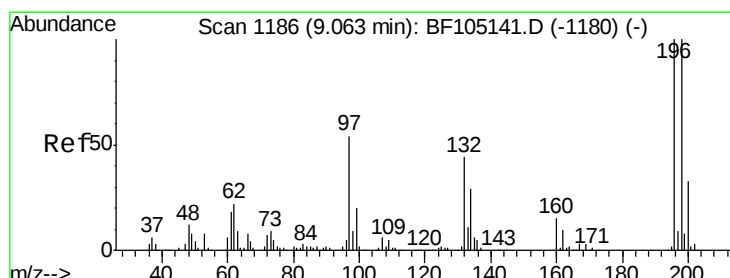
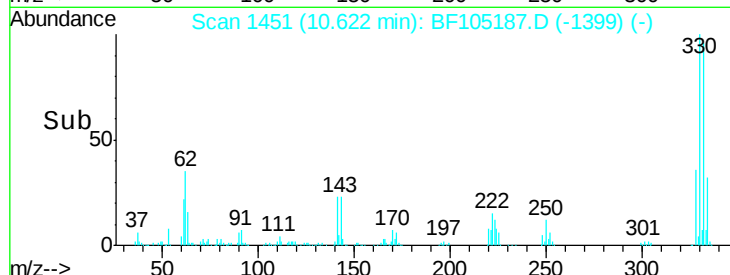
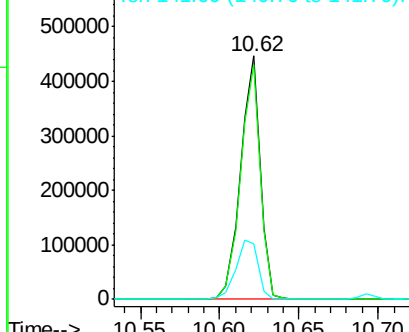
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.449 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

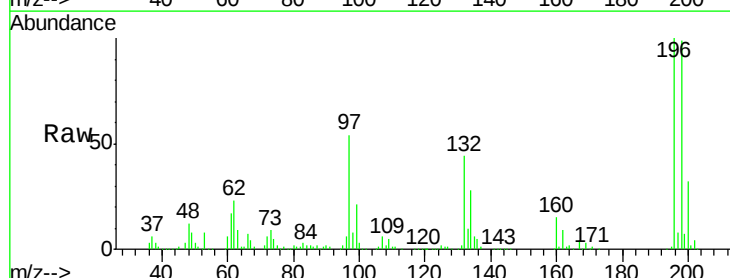
Tgt Ion:196 Resp: 338479

Ion Ratio Lower Upper

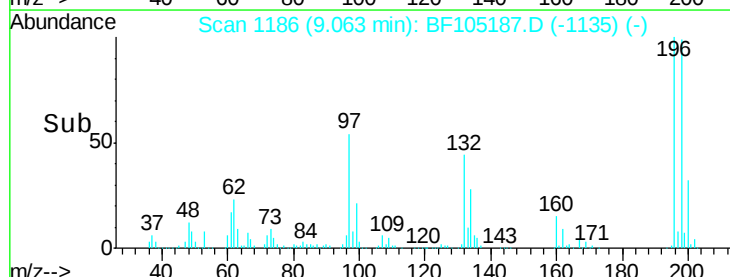
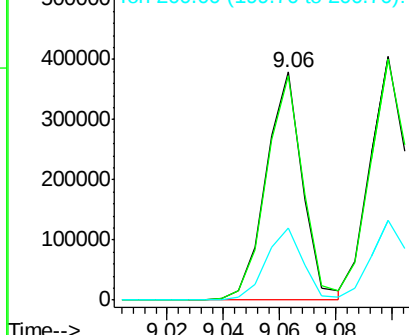
196 100

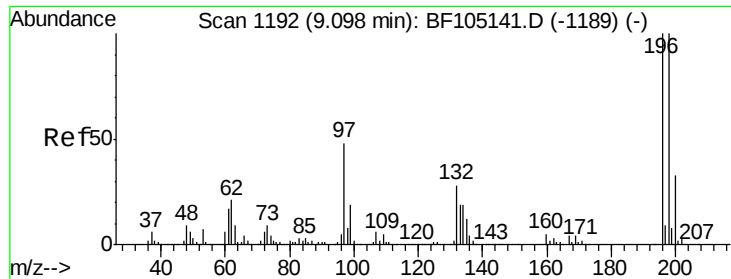
198 98.5 75.7 113.5

200 31.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





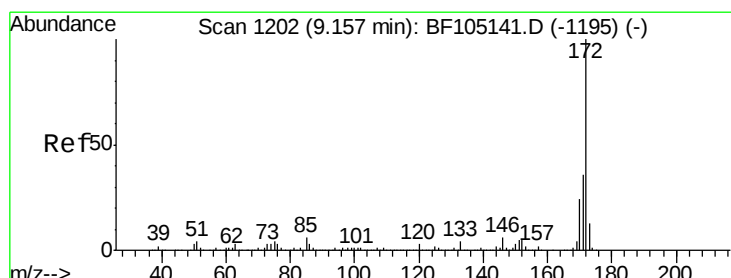
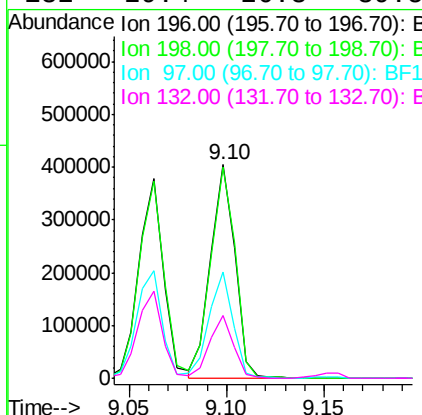
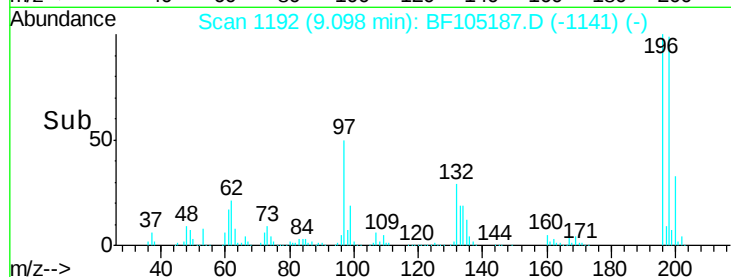
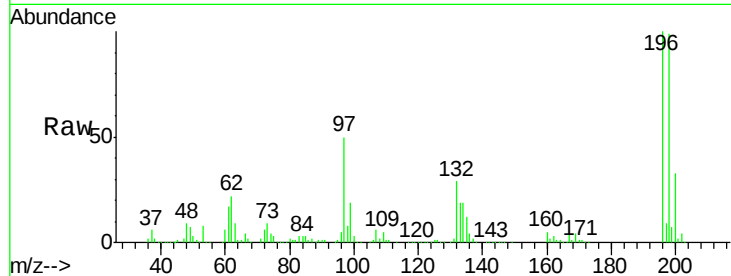
#43
 2,4,5-Trichlorophenol
 Concen: 38.374 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		352983		
198	98.8	74.6	112.0		
97	49.9	42.9	64.3		
132	29.4	26.3	39.5		

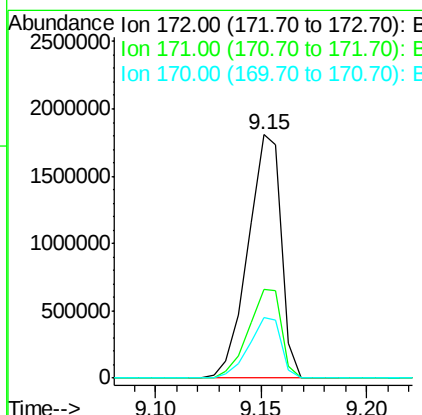
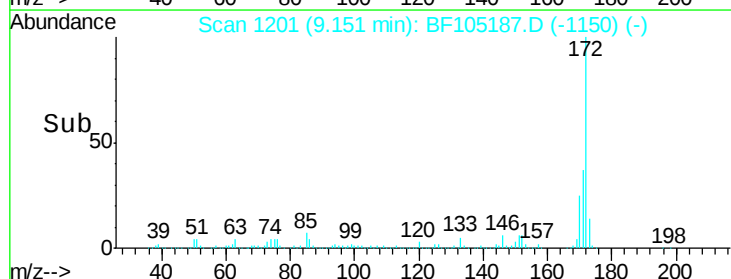
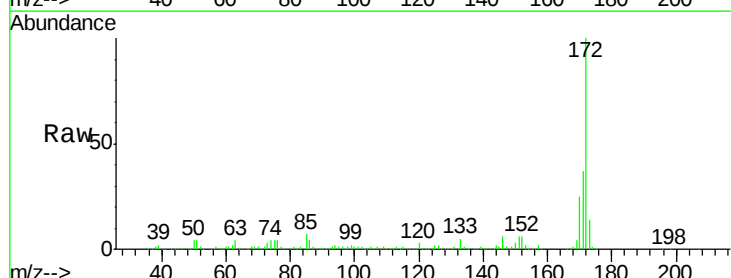
Manual Integrations
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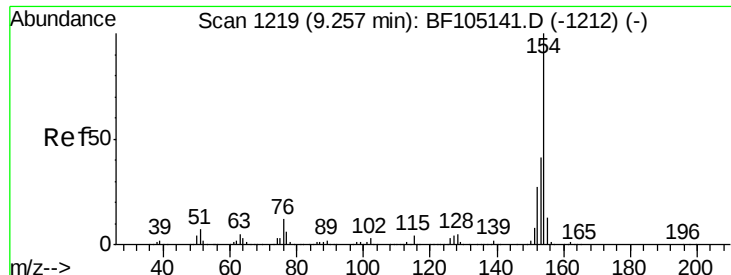
Sohil
 5/9/2018 6:51:22 PM



#44
 2-Fluorobiphenyl
 Concen: 67.339 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1967242		
171	36.7	29.7	44.5		
170	24.8	19.6	29.4		





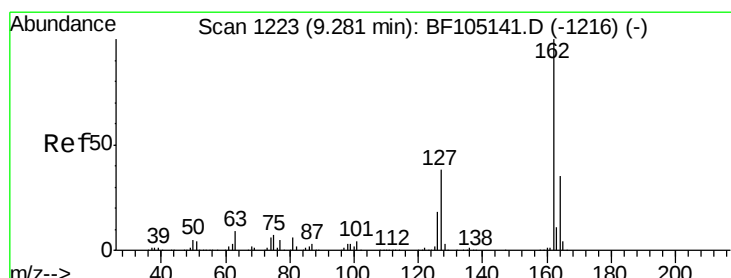
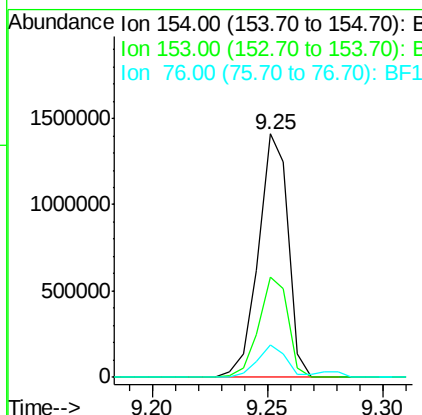
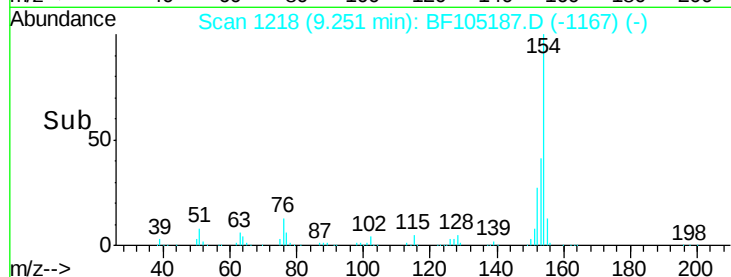
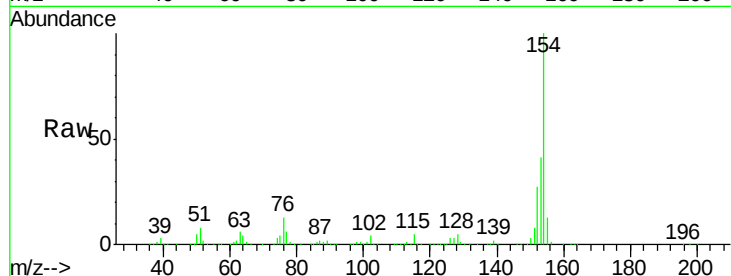
#45
 1,1'-Biphenyl
 Concen: 34.345 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	13.4	0.0	34.0

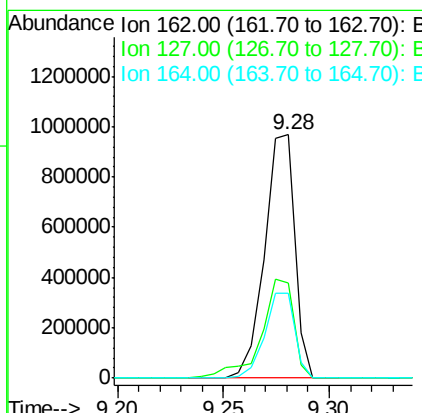
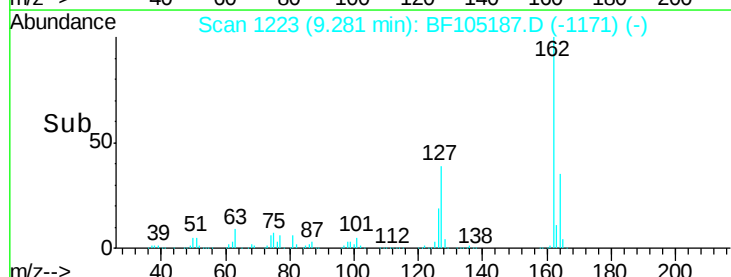
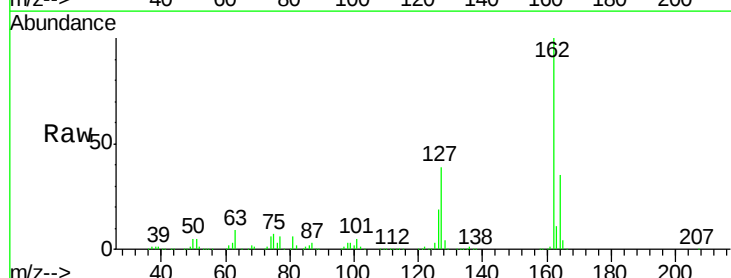
Manual Integrations
 APPROVED

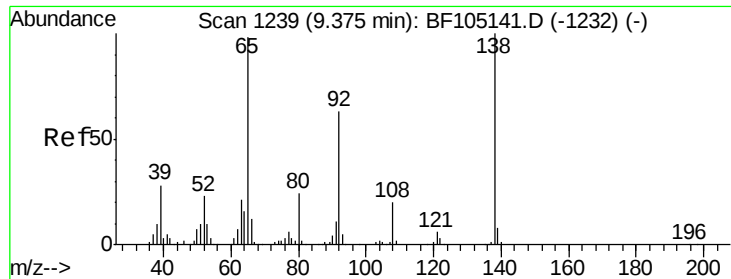
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#46
 2-Chloronaphthalene
 Concen: 34.910 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	35.0	26.5	39.7





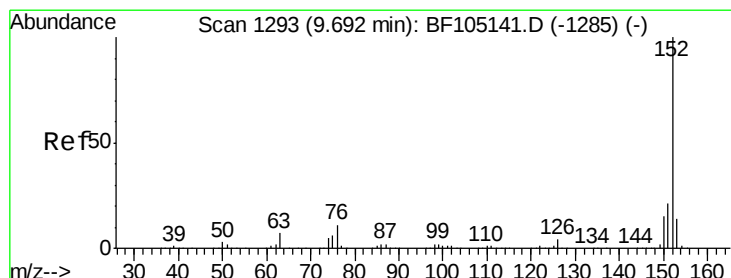
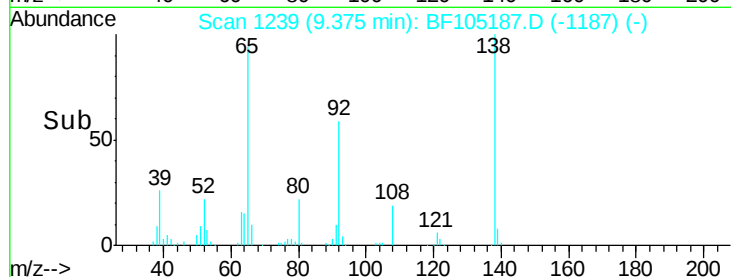
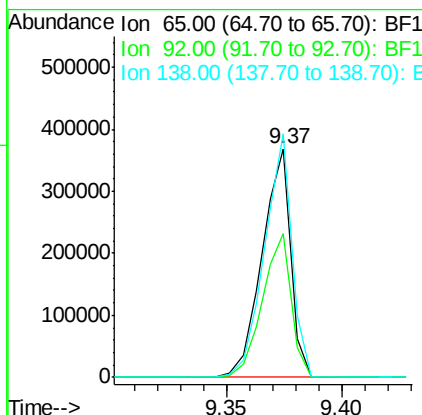
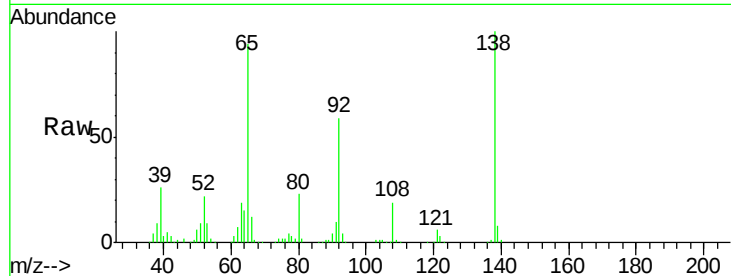
#47
2-Nitroaniline
Concen: 41.042 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	62.9	55.8	83.6	
138	106.5	91.2	136.8	

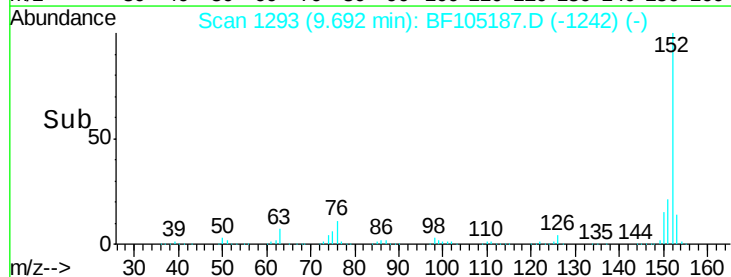
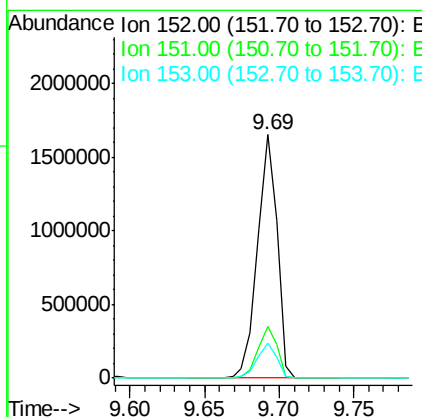
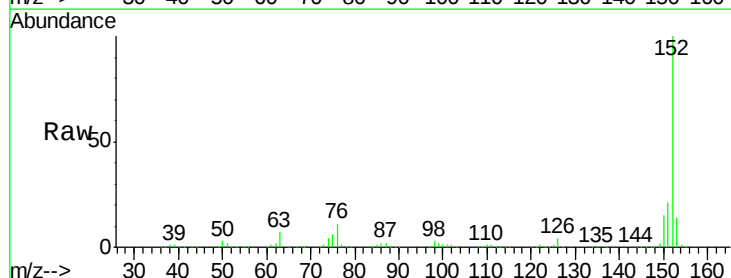
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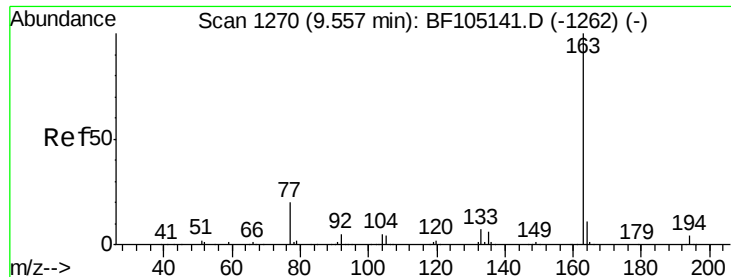
Sohil
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#48
Acenaphthylene
Concen: 34.847 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.4	16.3	24.5	
153	14.2	10.7	16.1	





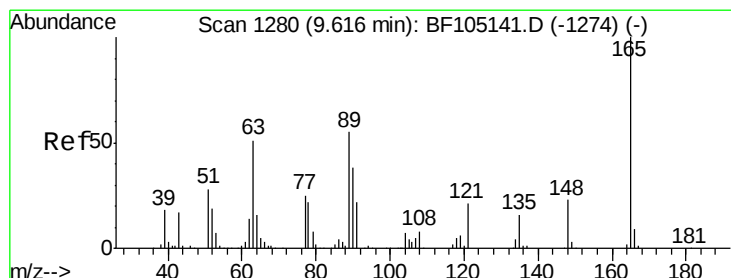
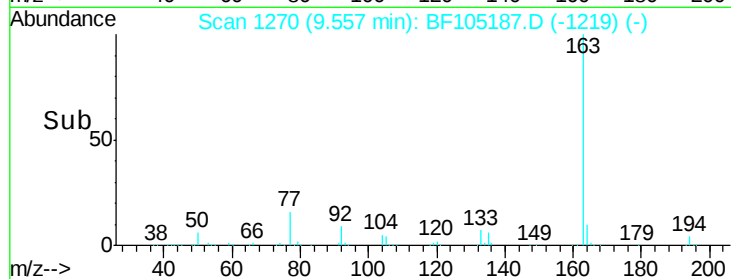
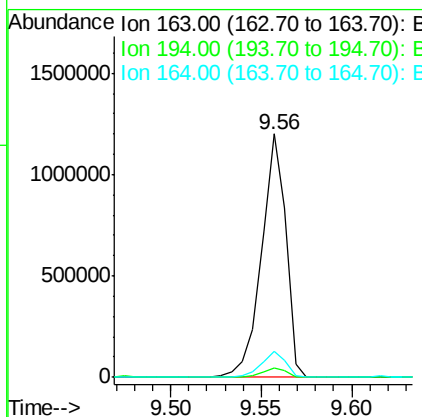
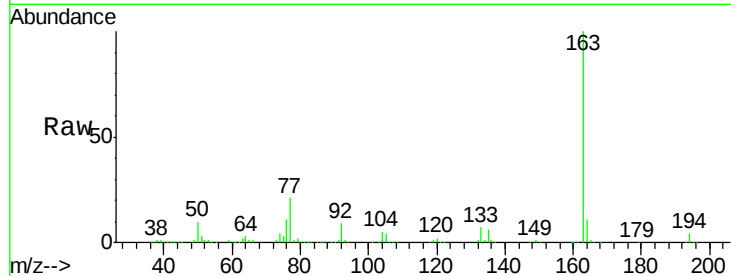
#49
Dimethylphthalate
Concen: 36.462 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.9	8.2	12.2

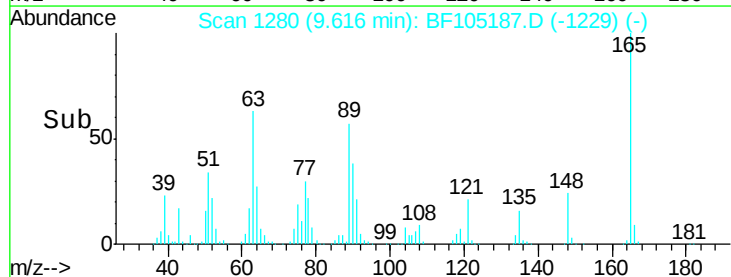
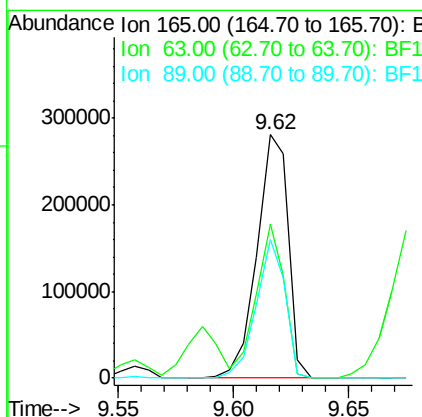
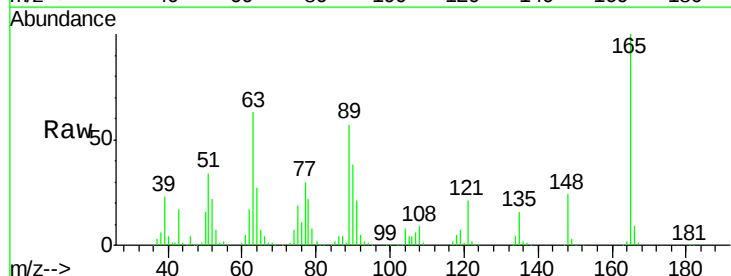
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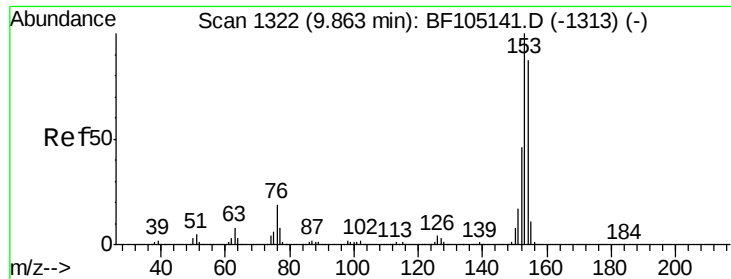
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.905 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.1	44.7	67.1
89	56.9	44.0	66.0





#51

Acenaphthene

Concen: 33.922 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

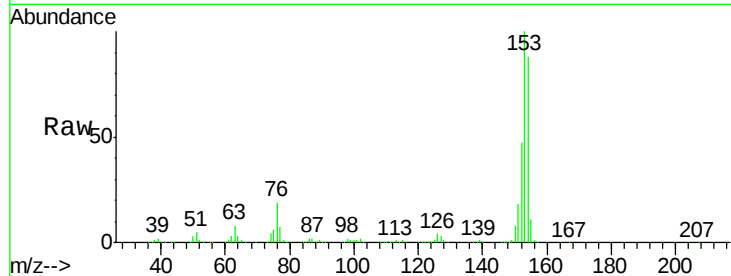
ClientSampleId :

SSTDCCC040EC

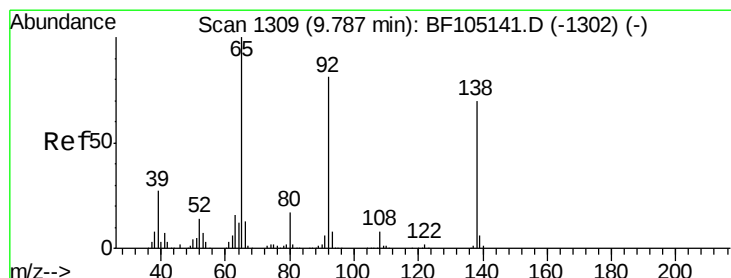
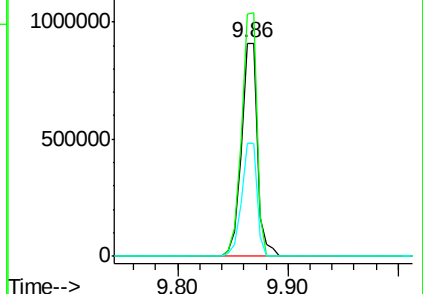
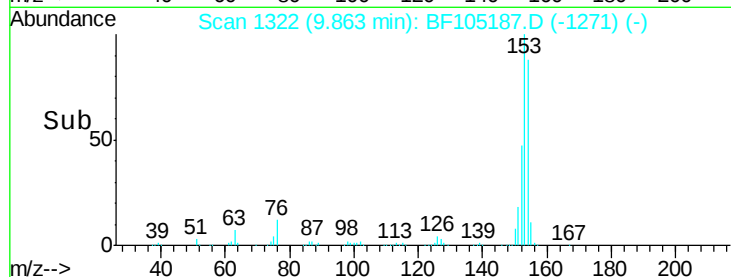
Tot Ion:	154	Resp:	932307
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	52.9	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.882 ng

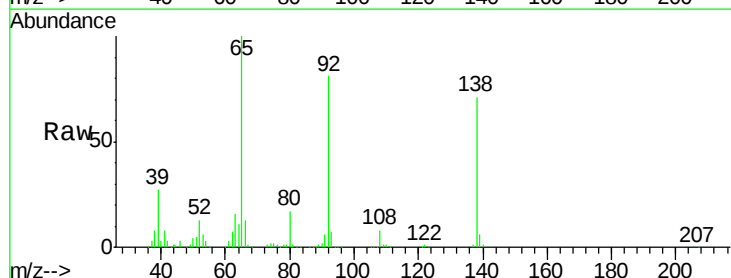
RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

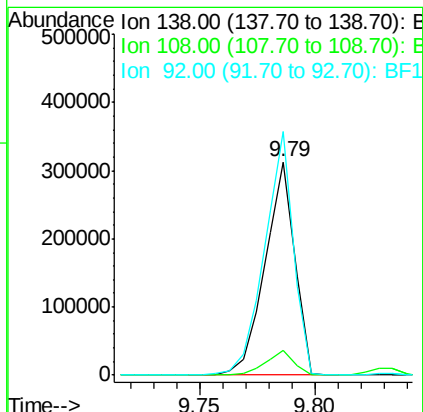
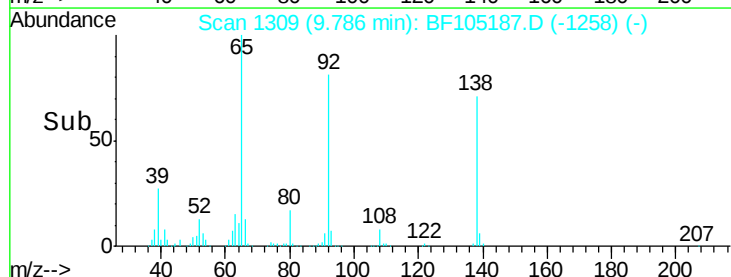
Lab File: BF105187.D

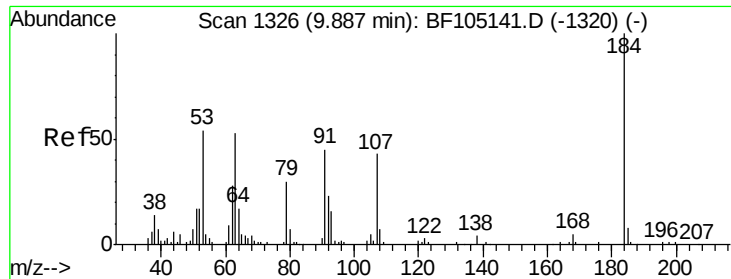
Acq: 9 May 2018 11:17

Tgt Ion:	138	Resp:	279804
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	114.2	89.4	134.2



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





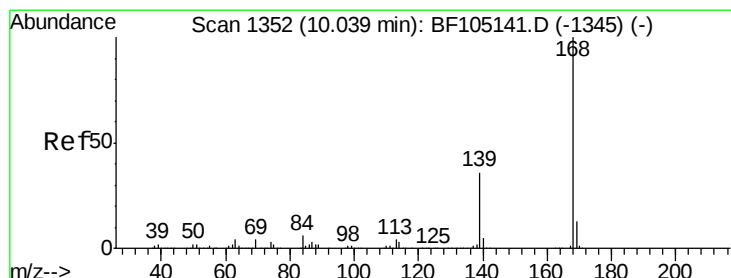
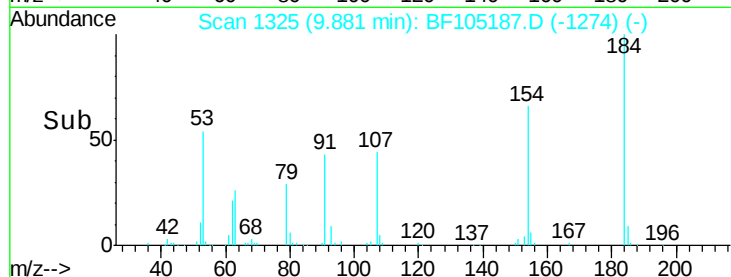
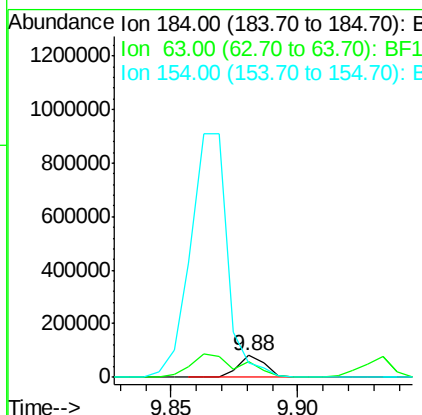
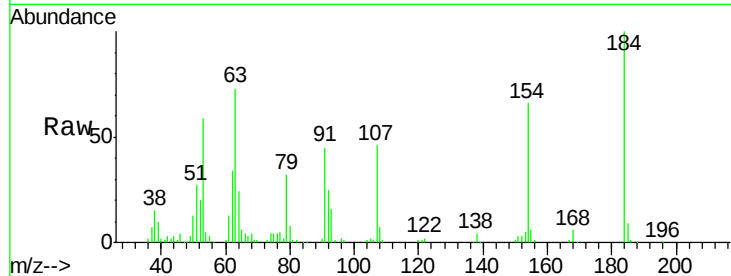
#53
2,4-Dinitrophenol
Concen: 35.655 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.4	54.2	81.2
154	66.0	184.0	276.0#

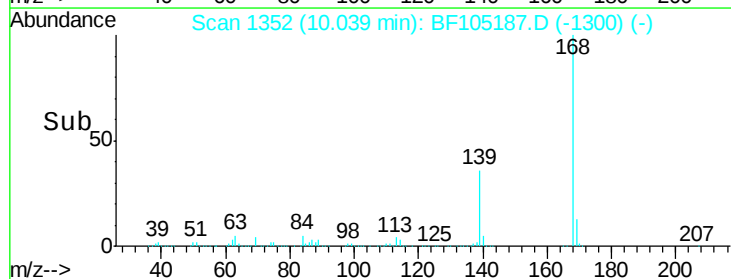
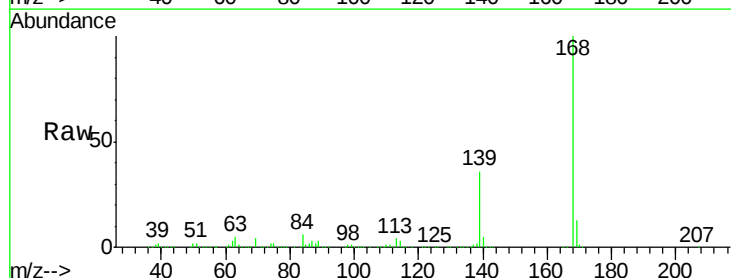
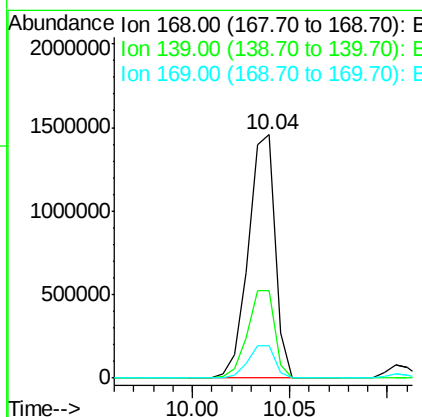
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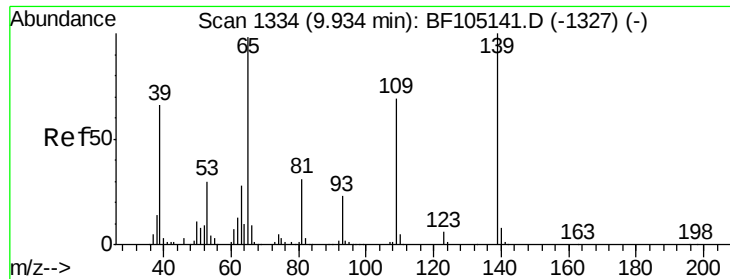
Sohil
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#54
Dibenzofuran
Concen: 34.484 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.2	10.9	16.3





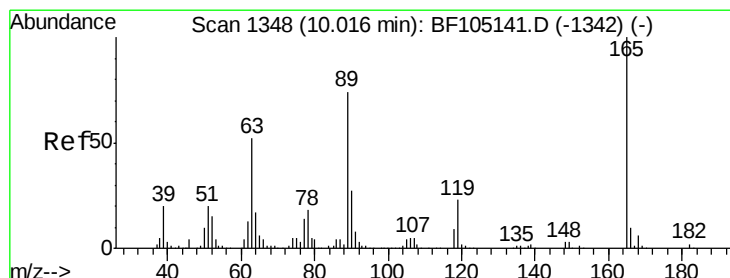
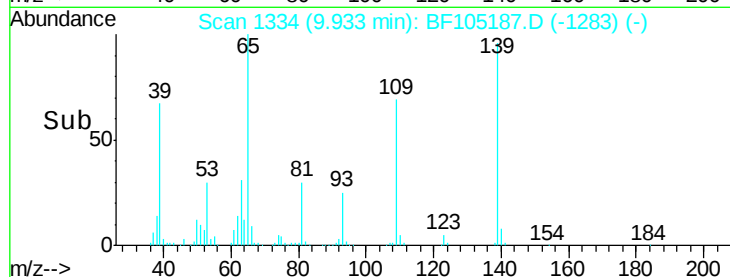
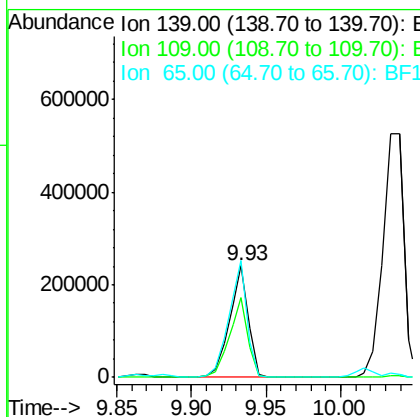
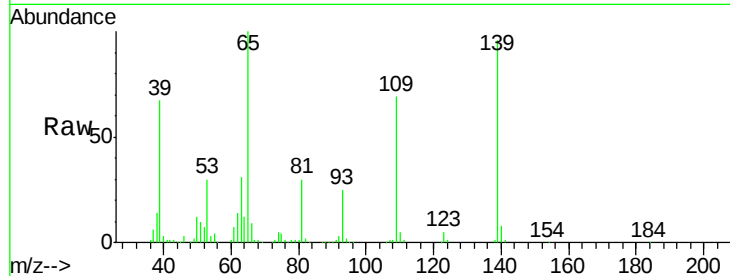
#55
4-Nitrophenol
Concen: 36.478 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	214709		
109	71.9	48.4	88.4	
65	104.7	72.6	112.6	

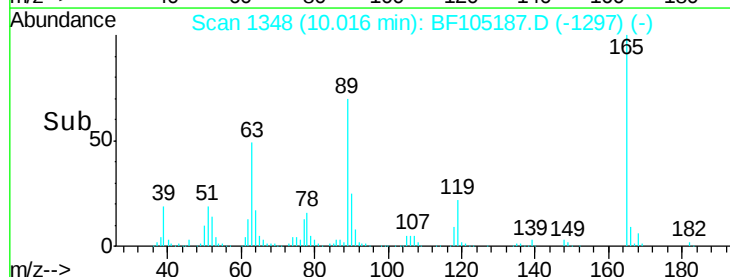
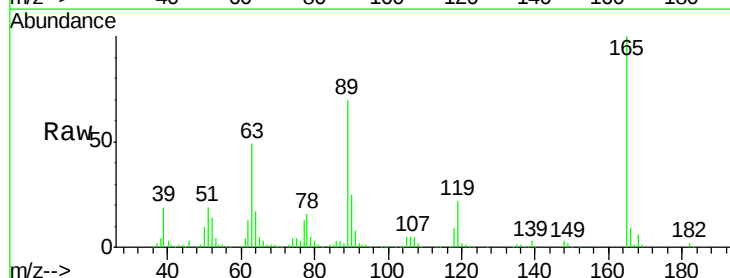
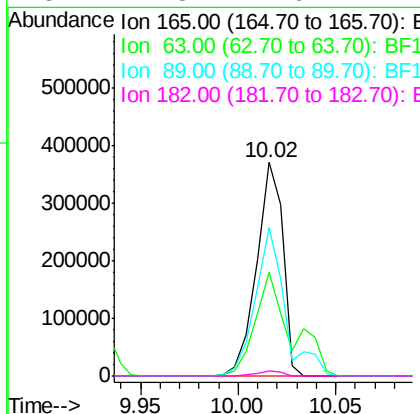
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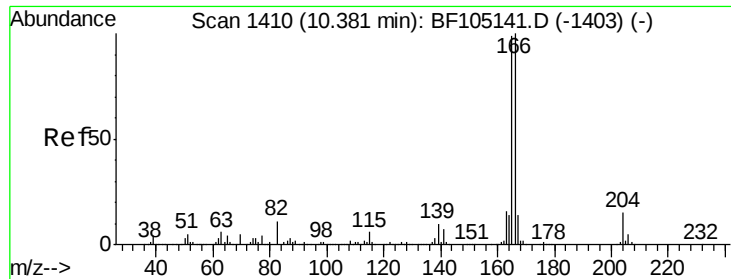
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.726 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	345849		
63	48.5	36.4	54.6	
89	69.6	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 33.379 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

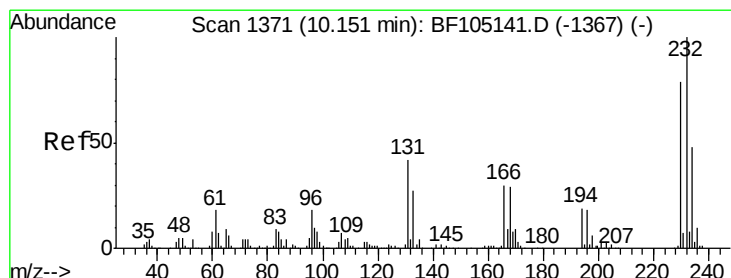
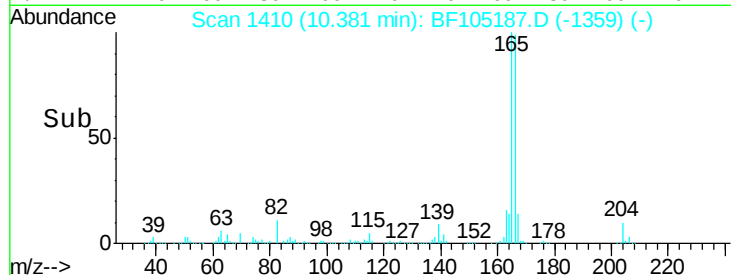
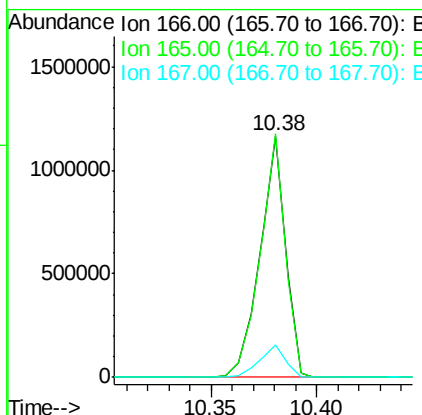
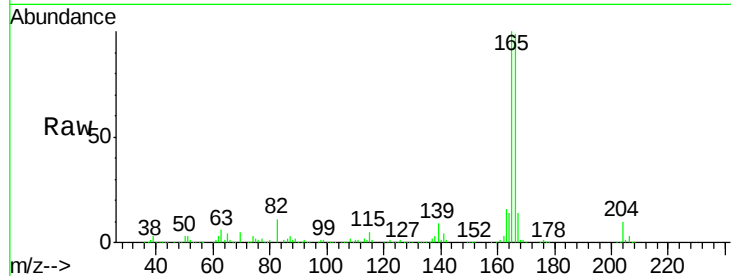
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	984138
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.771 ng

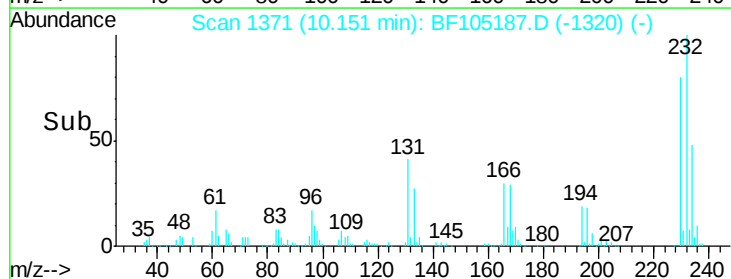
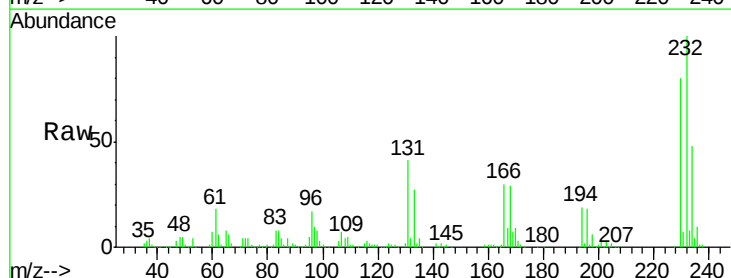
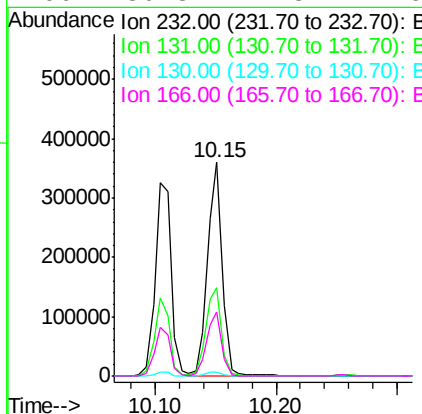
RT: 10.15 min Scan# 1371

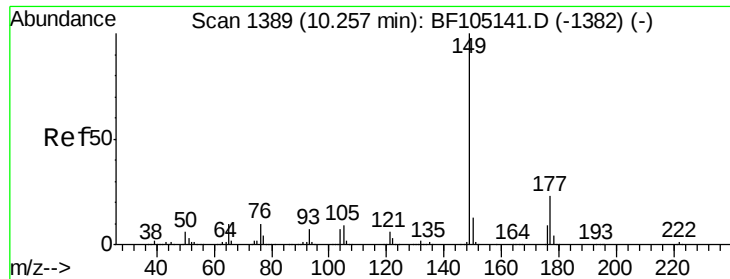
Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	232	Resp:	301912
Ion Ratio	Lower	Upper	
232	100		
131	43.3	43.8	65.8#
130	2.1	2.1	3.1
166	30.3	27.8	41.6





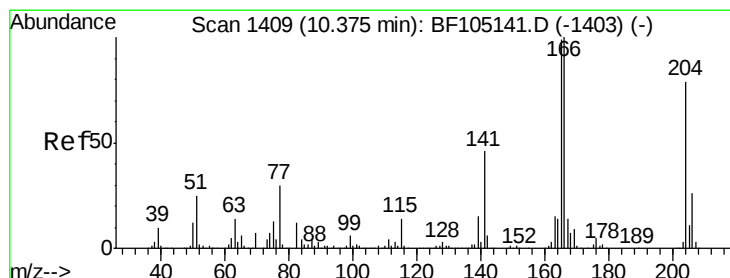
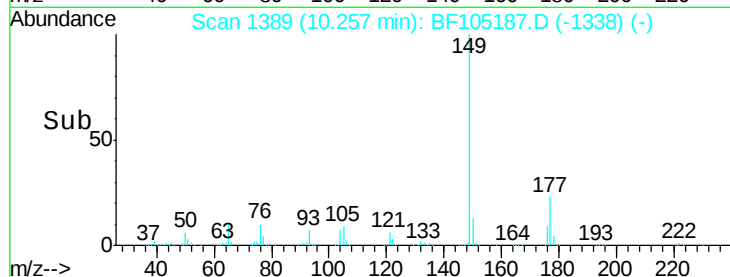
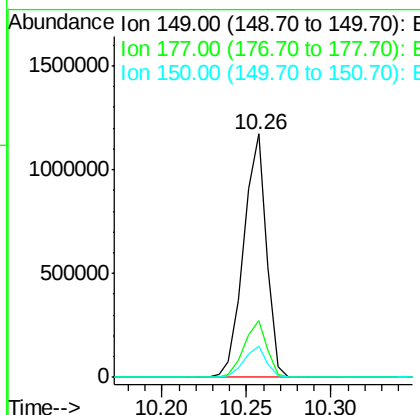
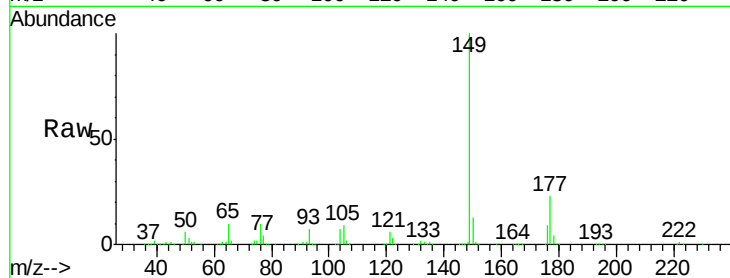
#59
Diethylphthalate
Concen: 36.669 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.1	24.1
150	12.5	10.1	15.1

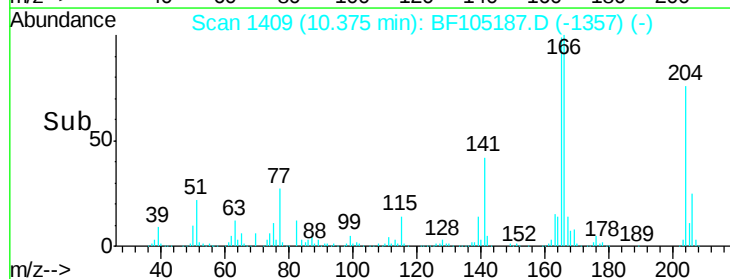
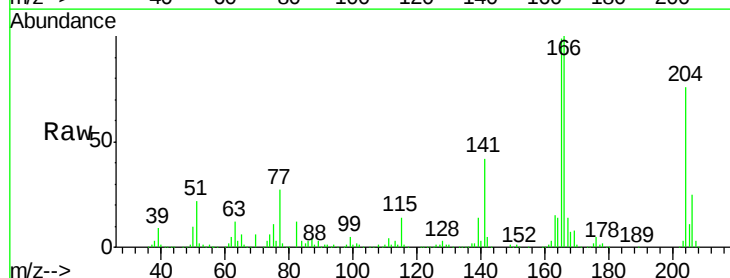
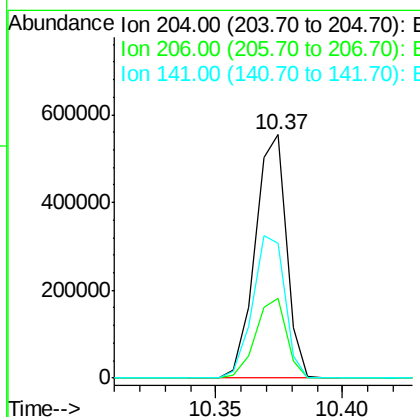
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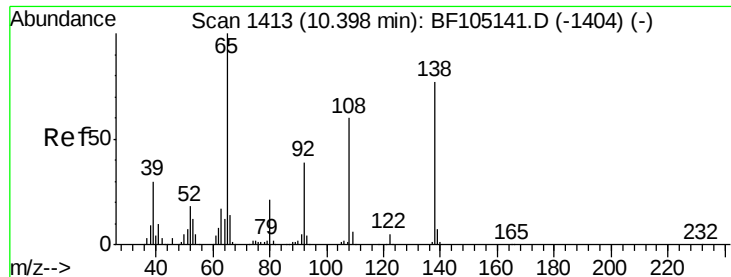
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 34.903 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	55.4	54.6	81.8





#61

4-Nitroaniline

Concen: 40.253 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

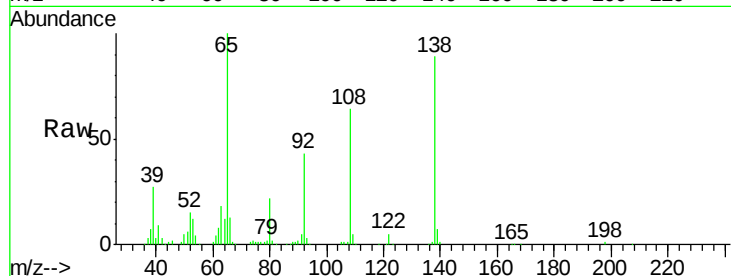
ClientSampleId :

SSTDCCC040EC

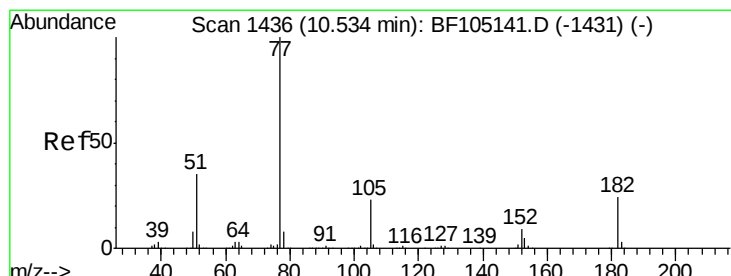
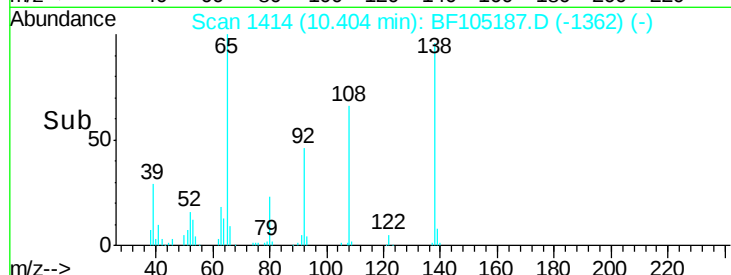
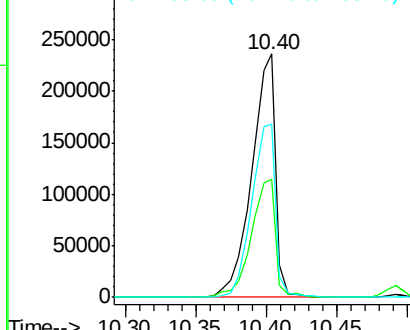
Tot Ion:	138	Resp:	281014
Ion Ratio	Lower	Upper	
138	100		
92	48.4	30.2	70.2
108	71.4	52.5	92.5

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



#62

Azobenzene

Concen: 33.951 ng

RT: 10.53 min Scan# 1436

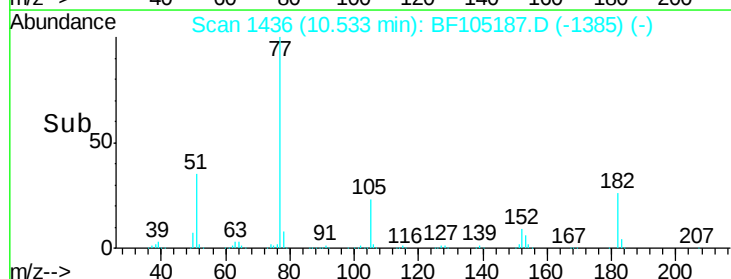
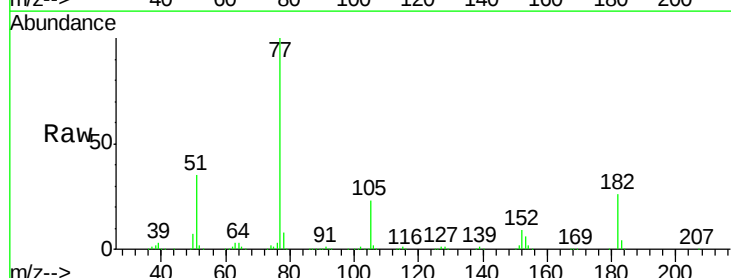
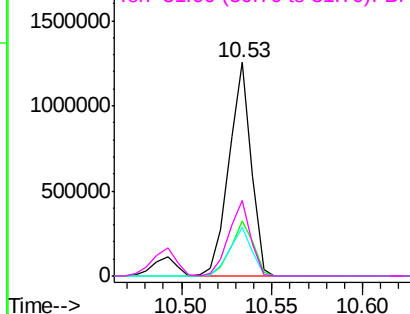
Delta R.T. 0.00 min

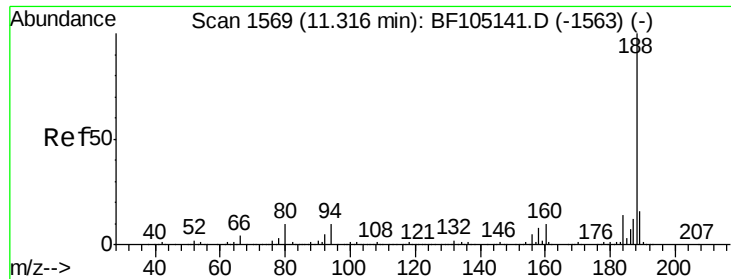
Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:	77	Resp:	1068416
Ion Ratio	Lower	Upper	
77	100		
182	25.7	1.7	41.7
105	22.8	3.0	43.0
51	35.4	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





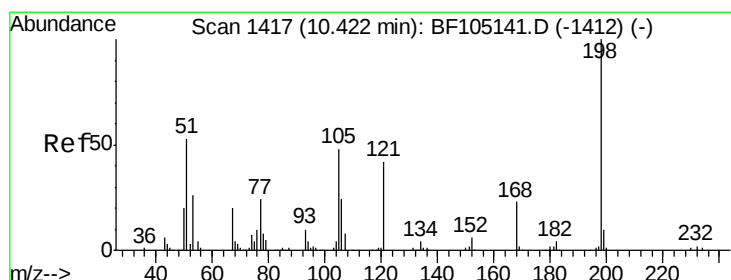
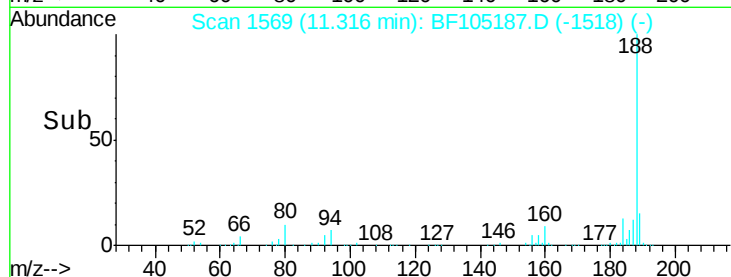
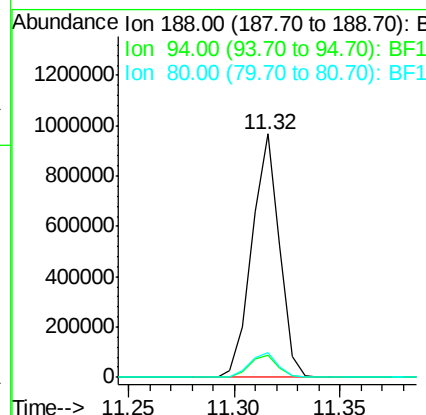
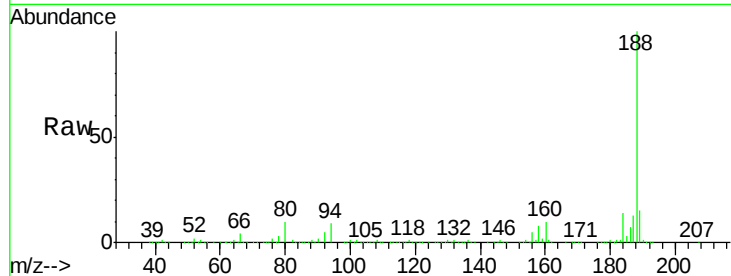
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

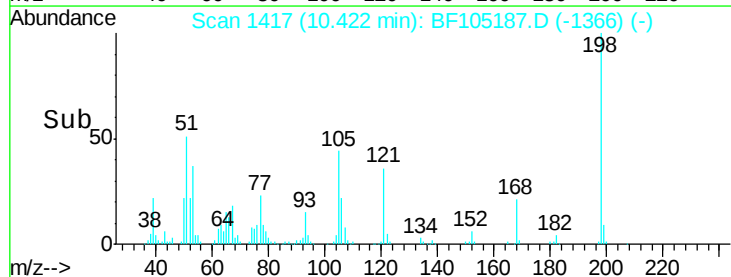
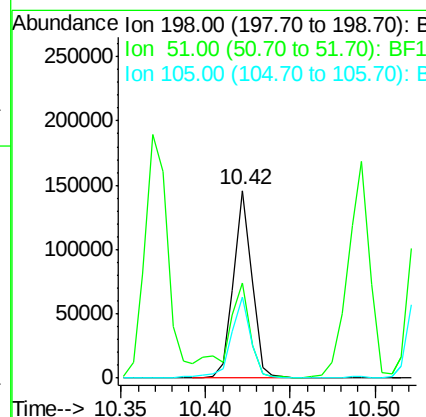
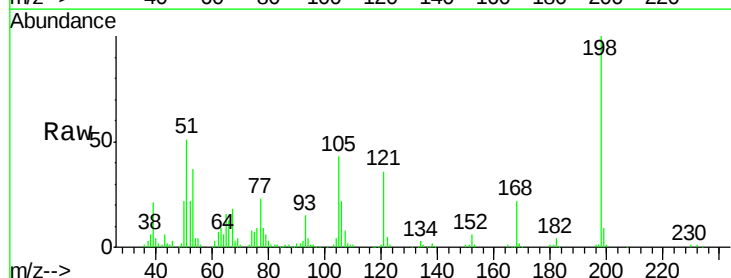
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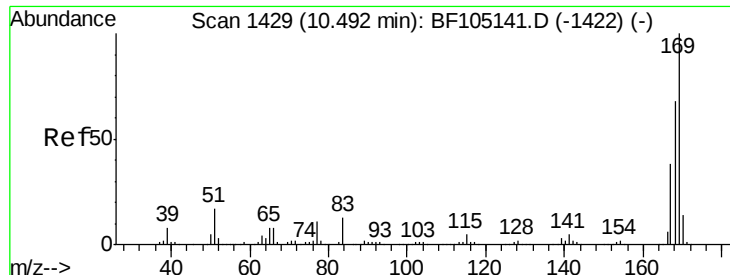
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.097 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.7	37.7	77.7
105	43.5	36.3	76.3





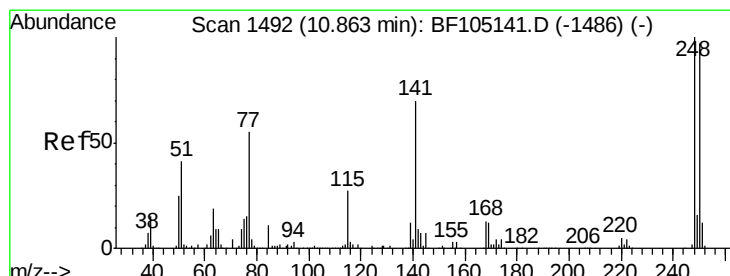
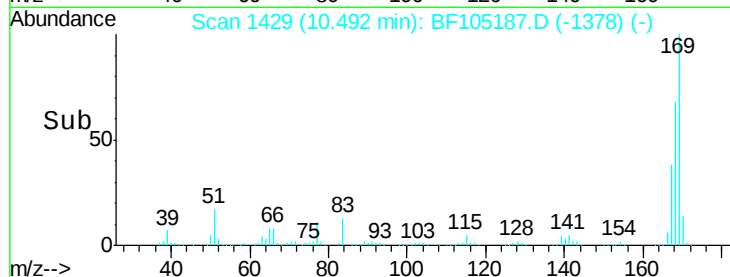
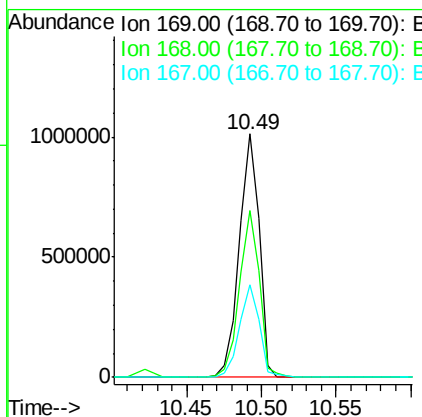
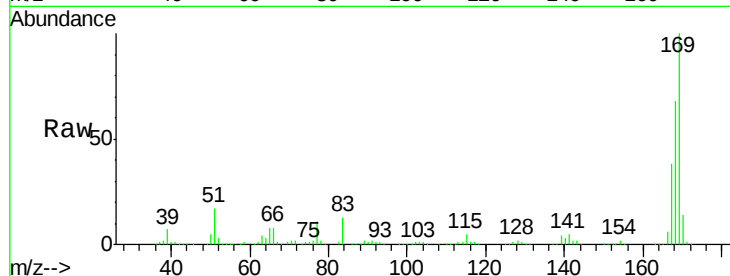
#65
n-Nitrosodiphenylamine
Concen: 34.897 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	946510		
168	68.5	54.4	81.6	
167	37.9	29.8	44.6	

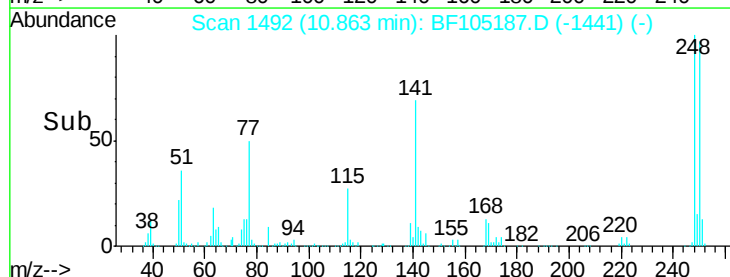
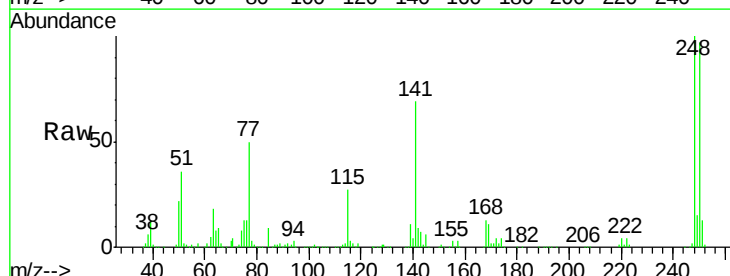
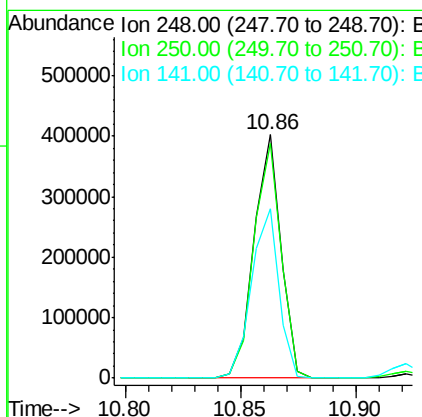
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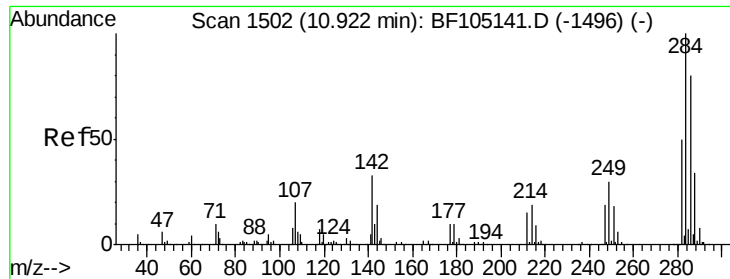
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 35.478 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	329224		
250	96.6	76.9	115.3	
141	69.4	74.4	111.6	





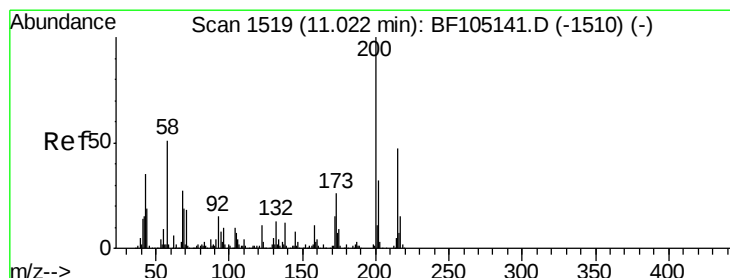
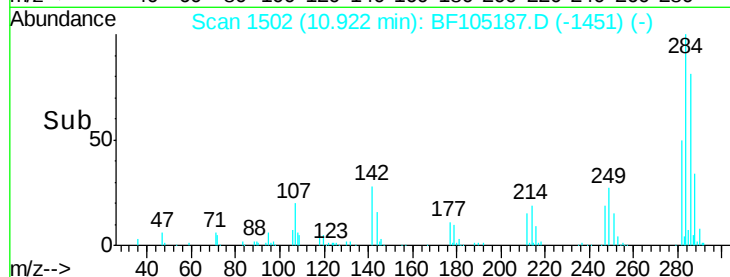
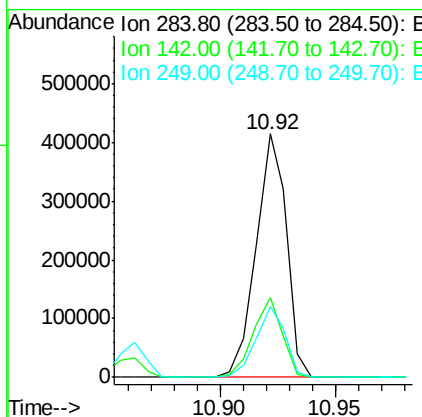
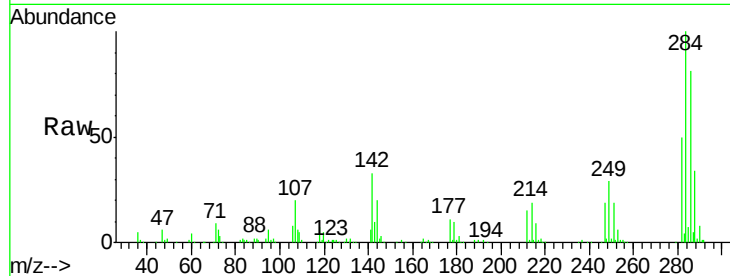
#67
Hexachlorobenzene
Concen: 35.599 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	380638		
142	33.0		34.6	52.0#
249	29.3		24.8	37.2

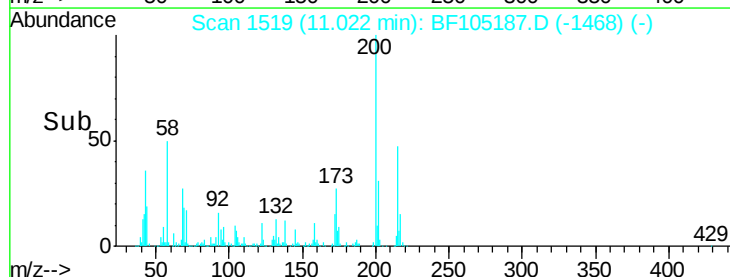
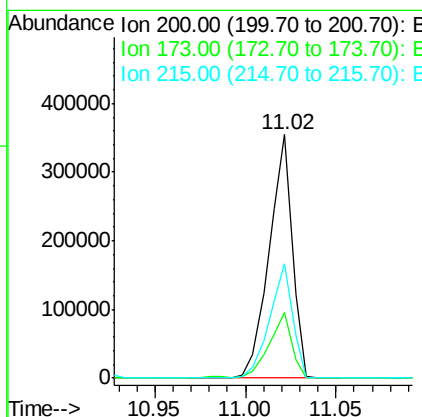
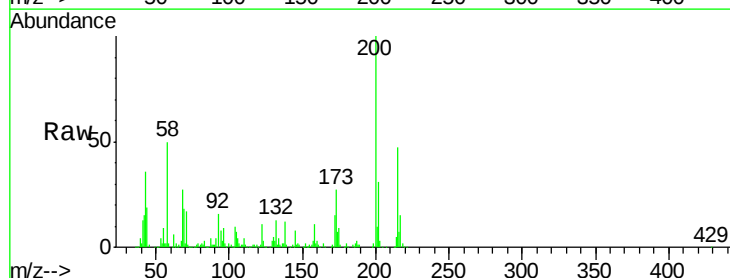
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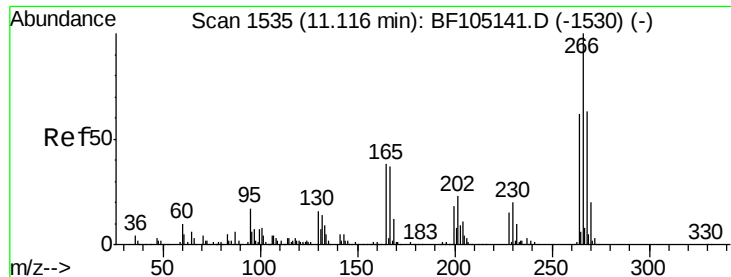
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#68
Atrazine
Concen: 37.054 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	314981		
173	26.7		8.6	48.6
215	46.9		25.1	65.1





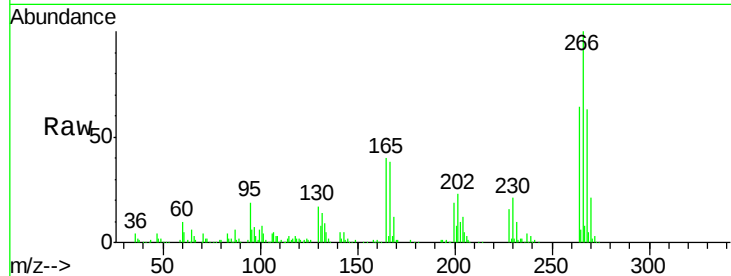
#69
 Pentachlorophenol
 Concen: 33.197 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

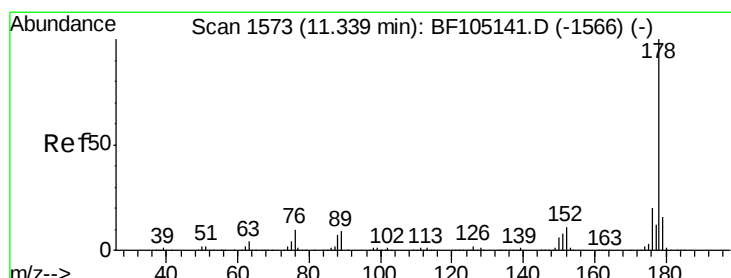
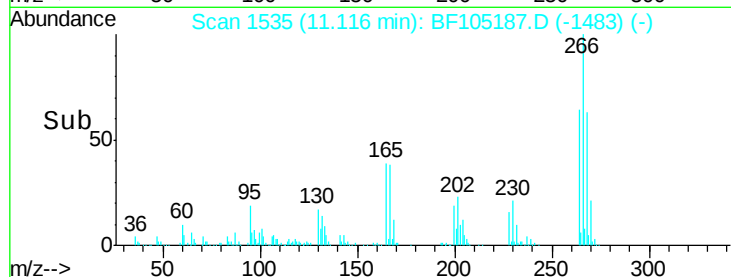
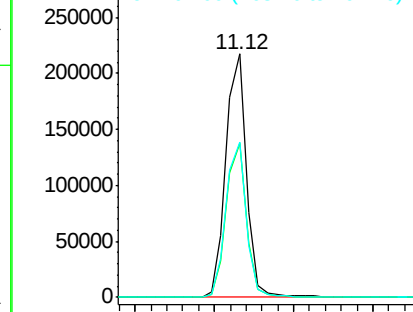
Tot Ion	Ratio	Resp	Lower	Upper
266	100	197150		
268	63.4	51.1	76.7	
264	63.6	49.5	74.3	

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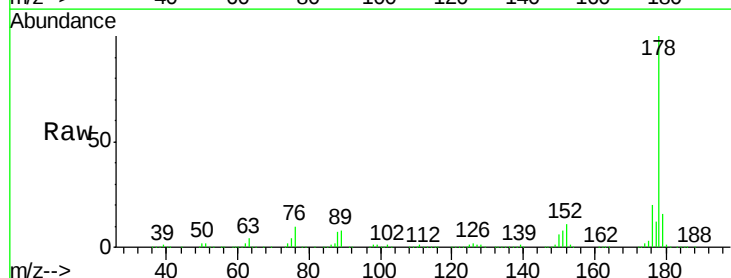


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

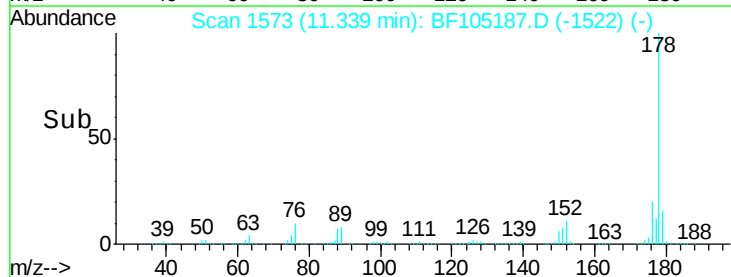
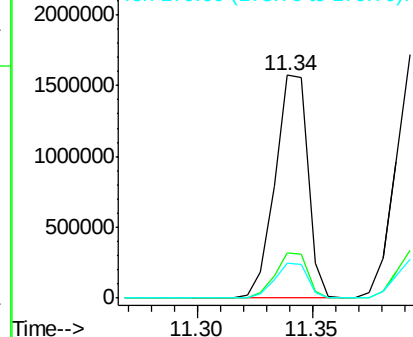


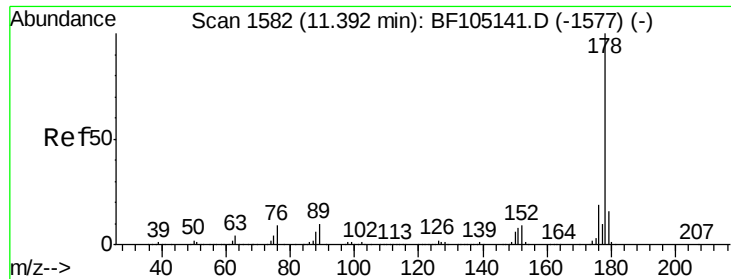
#70
 Phenanthrene
 Concen: 33.739 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1547692		
176	20.4	15.8	23.8	
179	15.8	13.0	19.6	



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





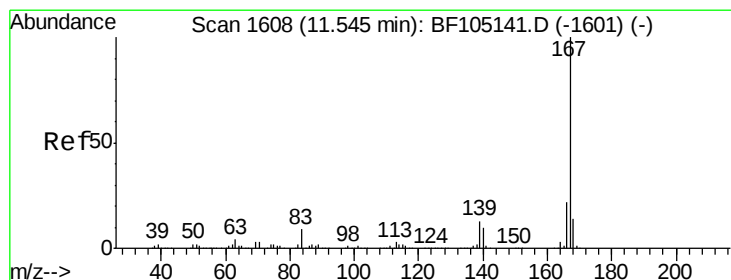
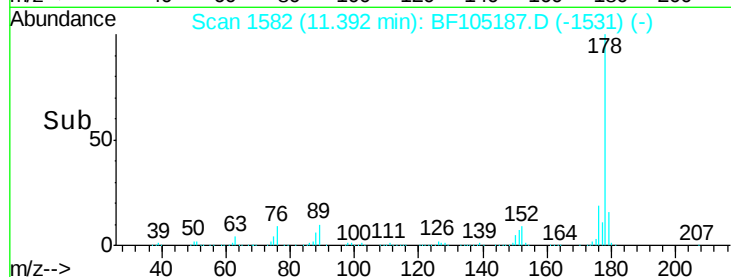
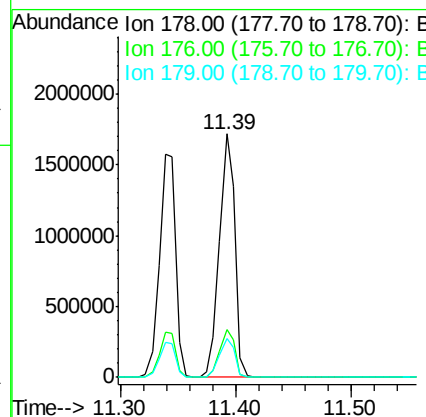
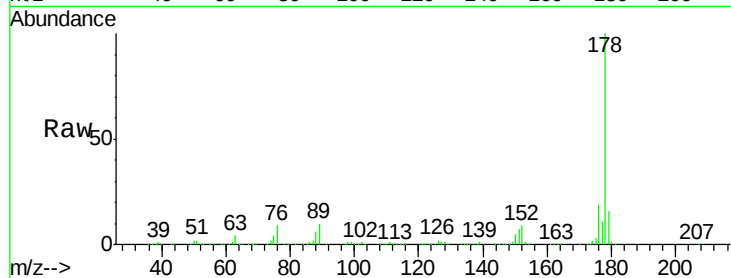
#71
 Anthracene
 Concen: 34.207 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1594379
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0

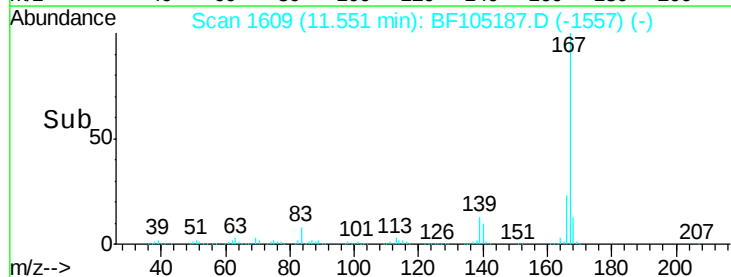
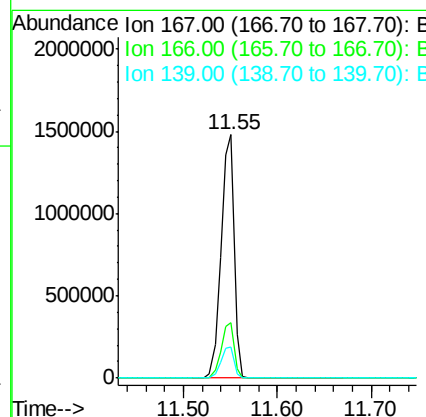
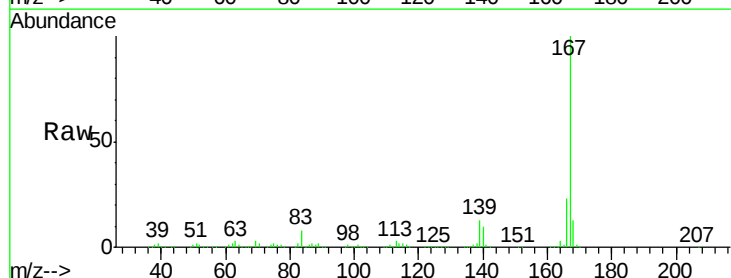
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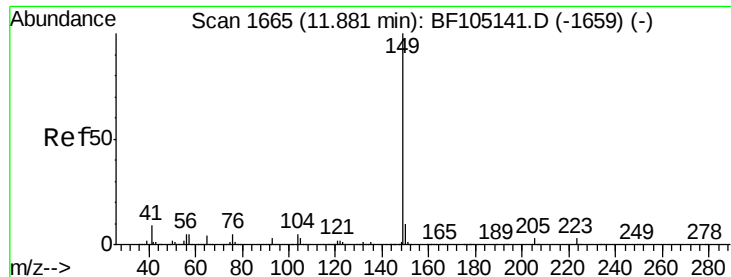
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 5/9/2018 6:51:22 PM



#72
 Carbazole
 Concen: 34.513 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion:167 Resp: 1449559
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.614 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1644805

Ion Ratio Lower Upper

149 100

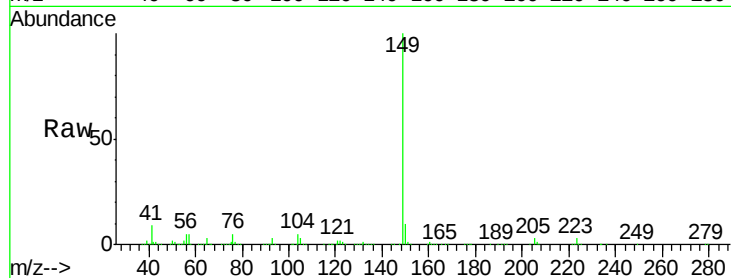
150 9.5 7.8 11.6

104 5.1 3.8 5.8

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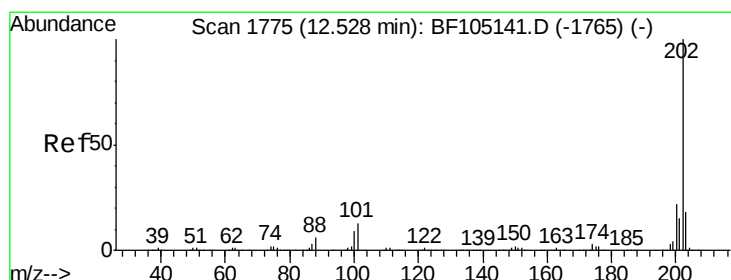
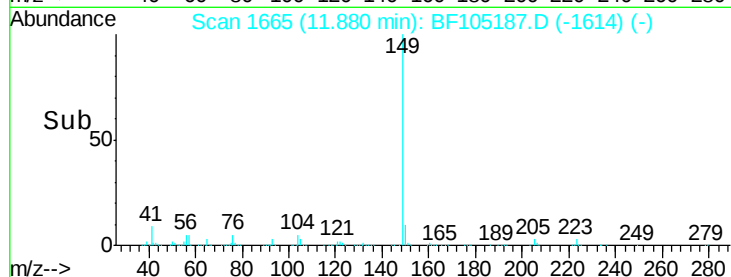
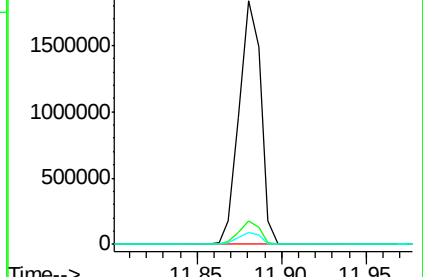
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.523 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

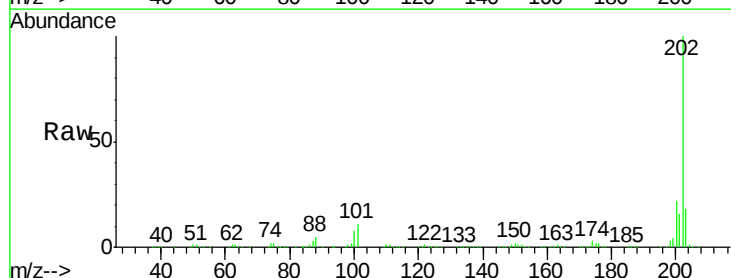
Tgt Ion:202 Resp: 1650130

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

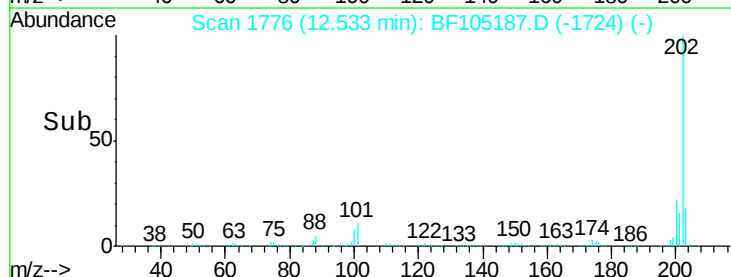
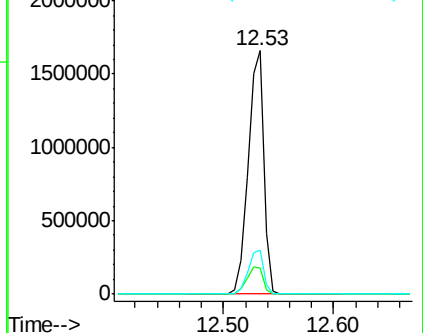
203 17.8 0.0 38.1

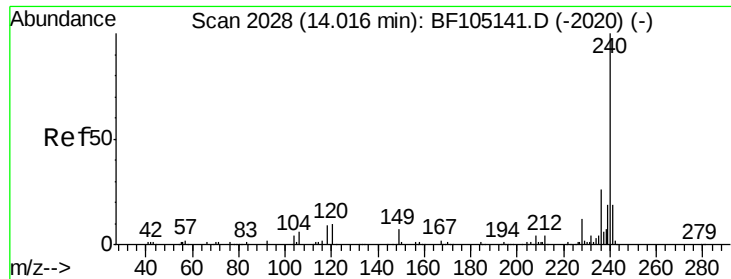


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.03 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

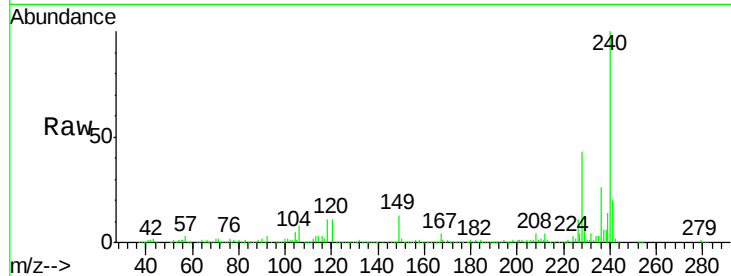
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	661471
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.6	20.7	31.1

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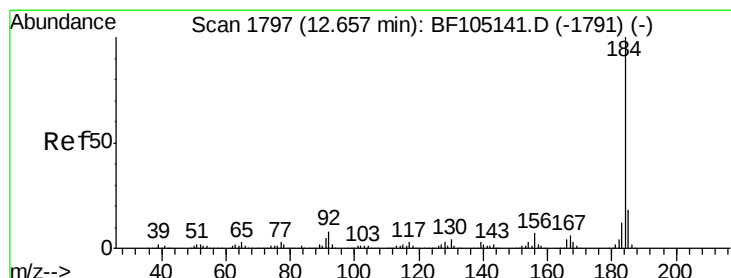
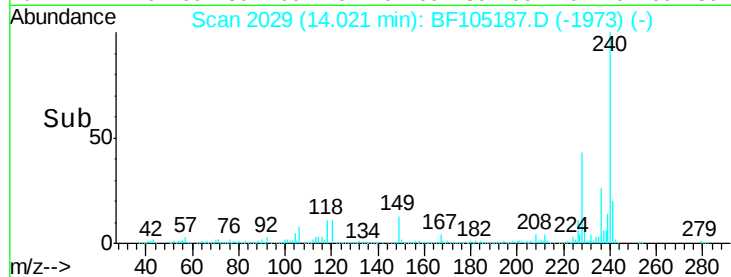
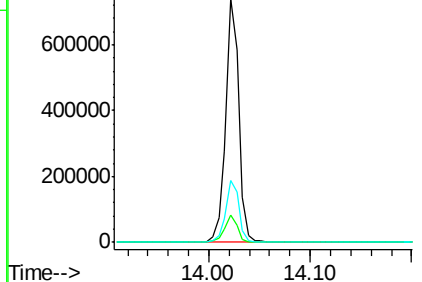
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.745 ng

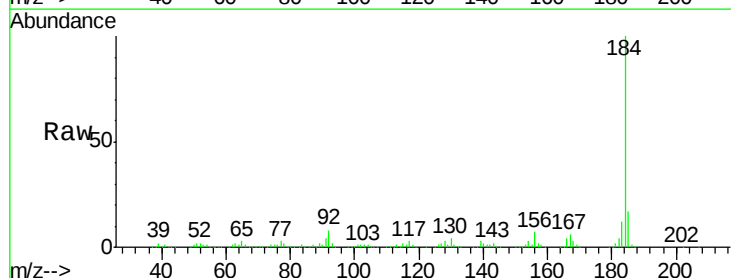
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

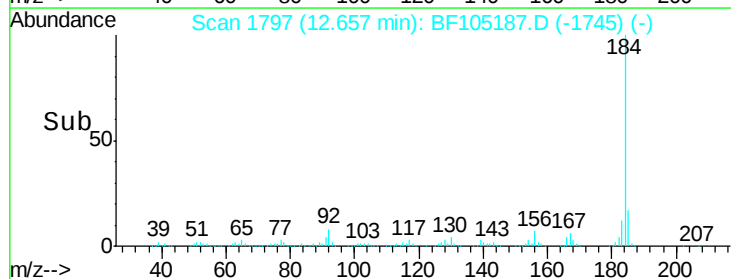
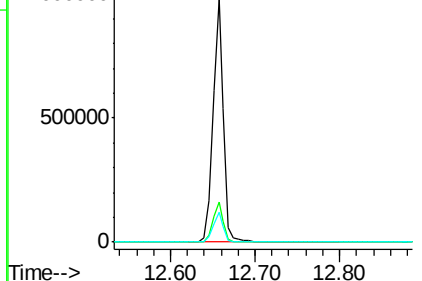
Tgt Ion:	184	Resp:	858227
Ion Ratio	Lower	Upper	
184	100		
185	16.7	12.6	18.8
183	12.1	9.3	13.9

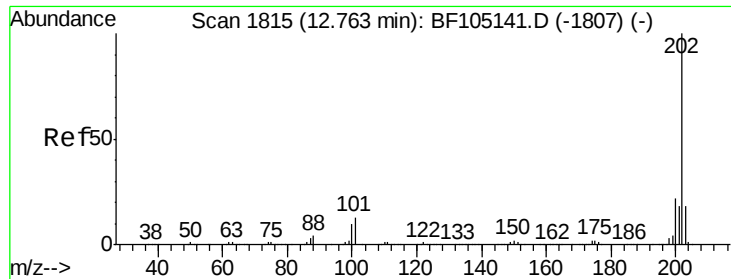


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





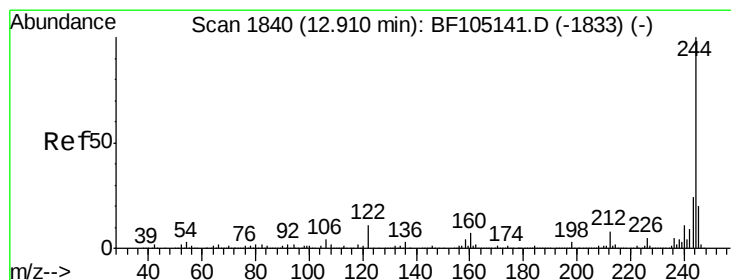
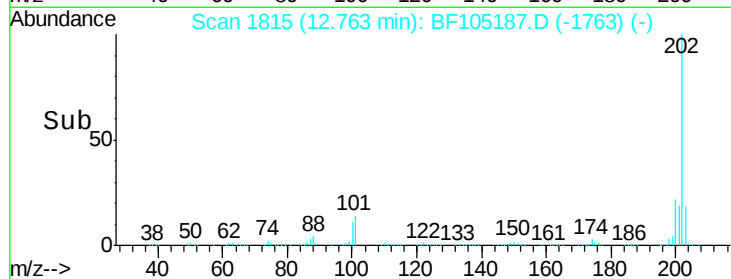
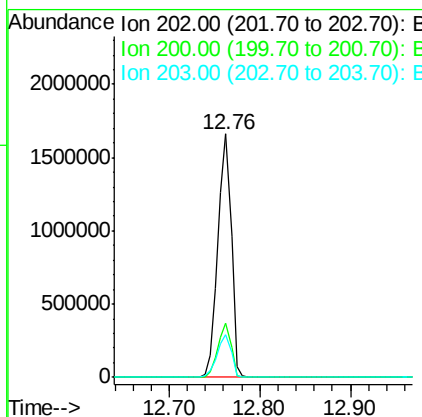
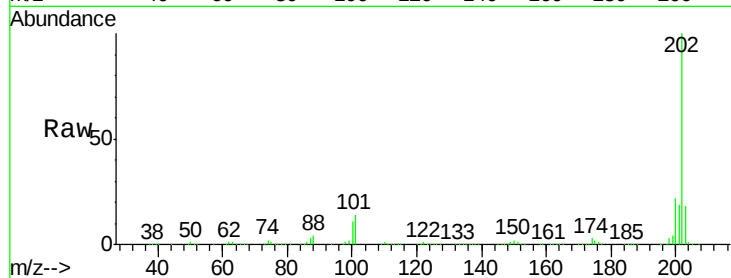
#77
Pvrene
Concen: 34.999 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.7	14.3	21.5

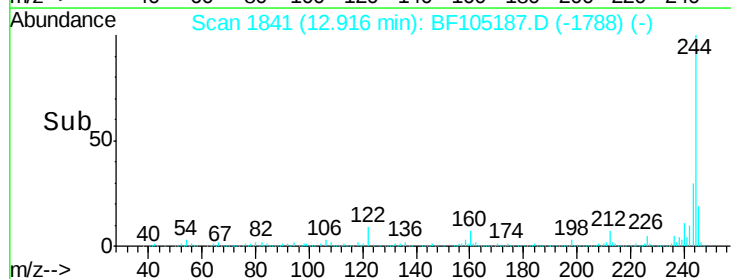
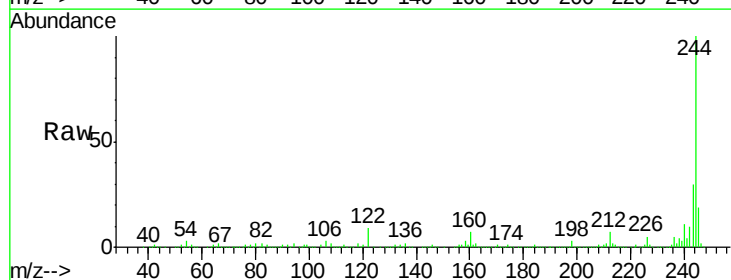
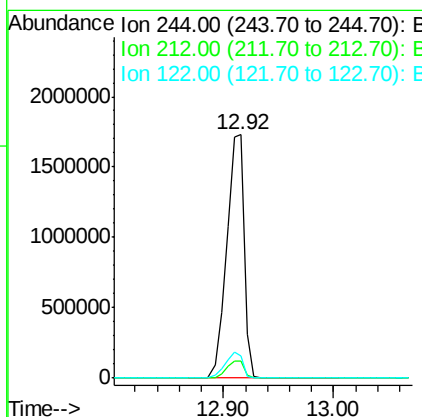
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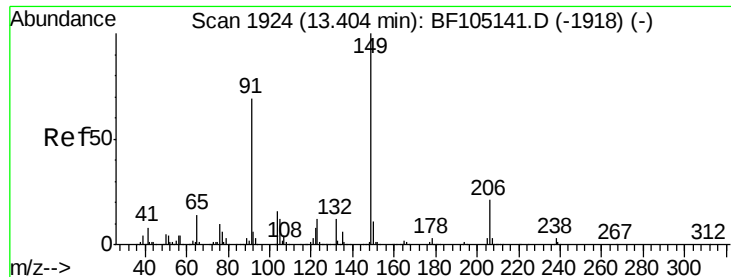
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#78
Terphenyl-d14
Concen: 67.480 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.0	11.0	16.4





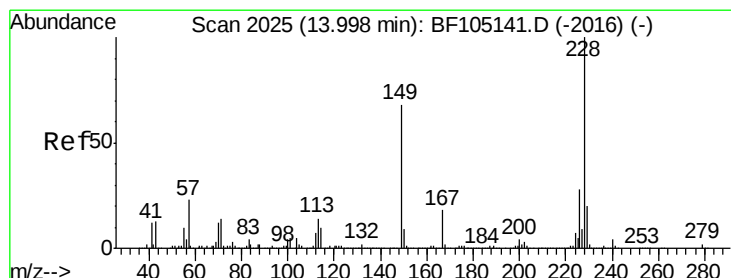
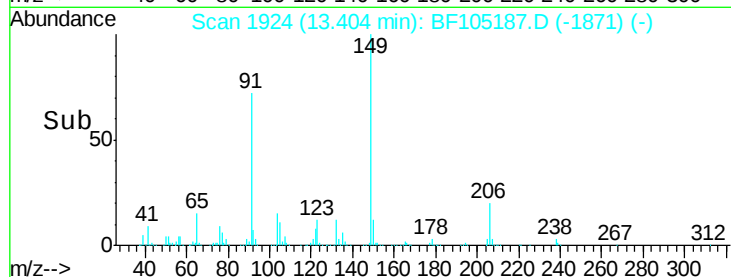
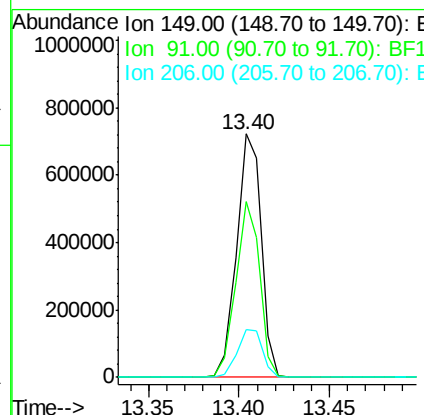
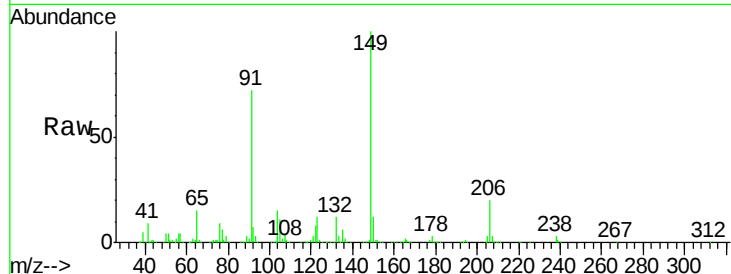
#79
Butylbenzylphthalate
Concen: 40.495 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	682216		
91	72.1	56.8	85.2	
206	19.7	14.1	21.1	

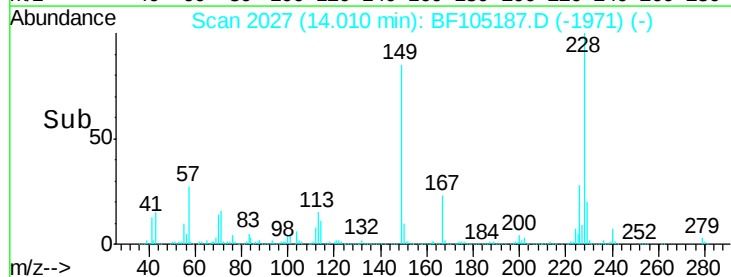
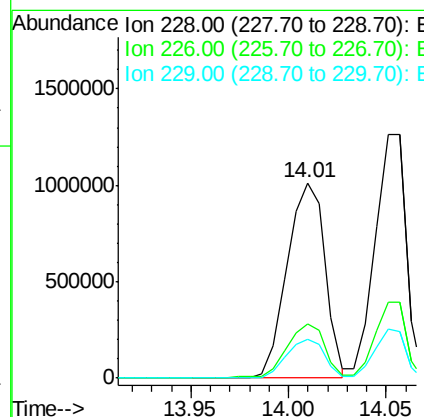
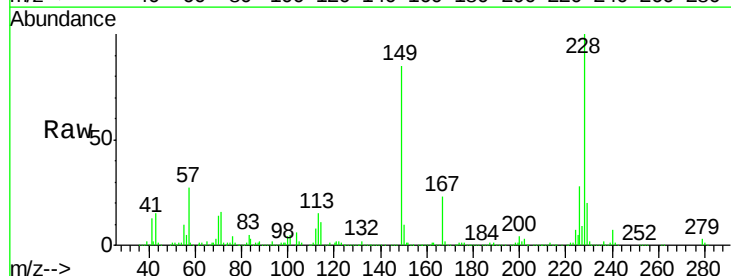
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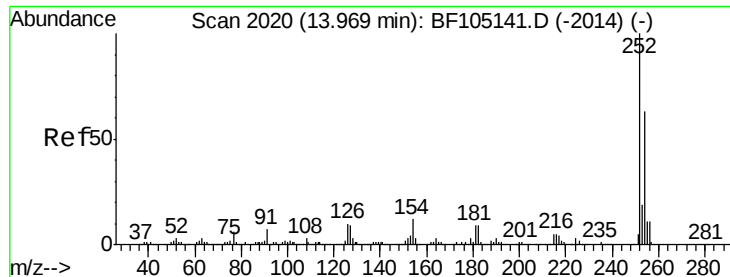
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#80
Benzo(a)anthracene
Concen: 33.866 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.03 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1358585		
226	27.9	22.6	33.8	
229	20.0	15.8	23.6	





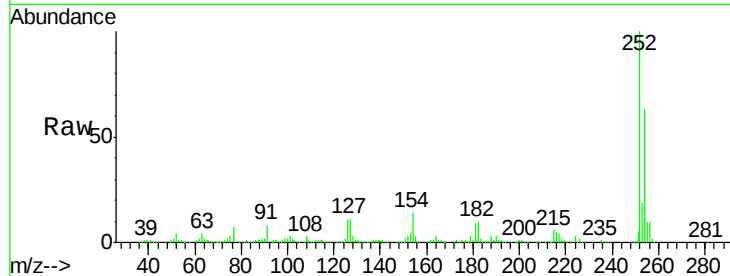
#81
 3,3'-Dichlorobenzidine
 Concen: 37.246 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.03 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

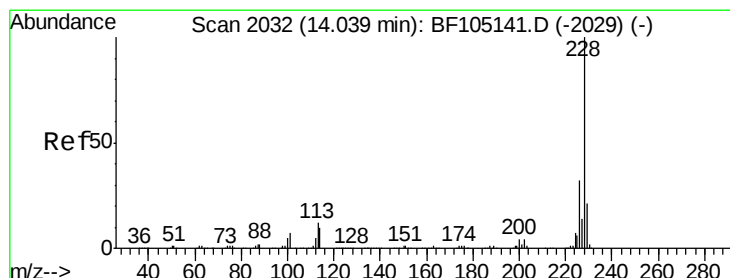
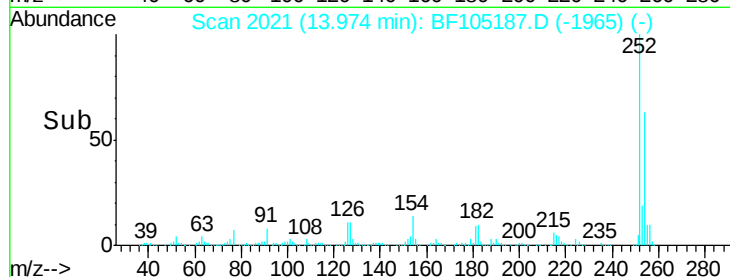
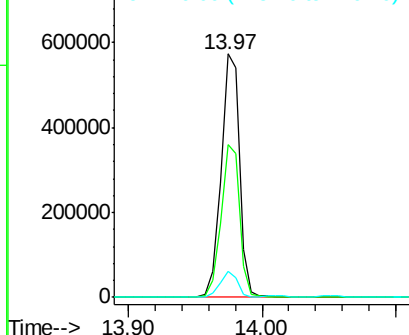
Tot Ion	Ratio	Resp	Lower	Upper
252	100	561729		
254	62.9		50.4	75.6
126	10.8		11.3	16.9

Manual Integrations
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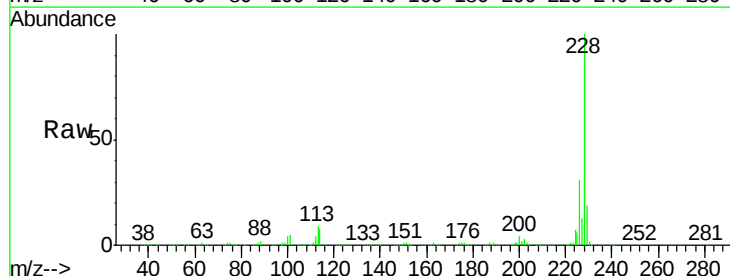


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

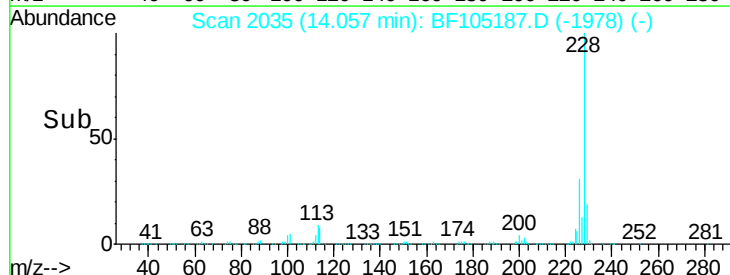
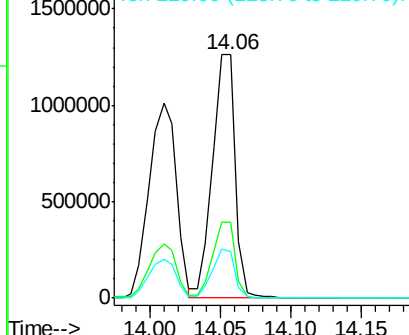


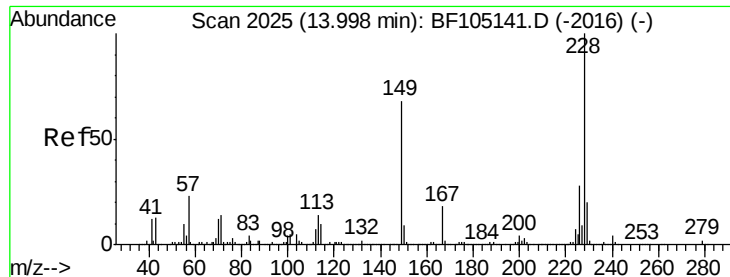
#82
 Chrysene
 Concen: 34.116 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.04 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1409461		
226	31.0		25.0	37.6
229	19.3		16.2	24.4



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





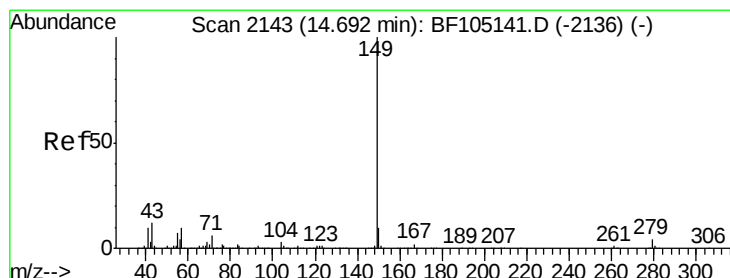
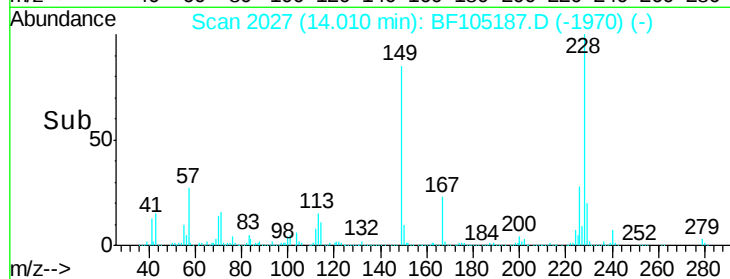
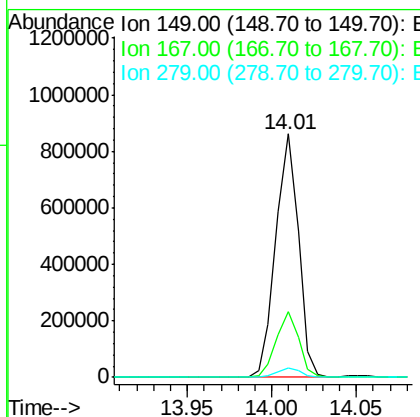
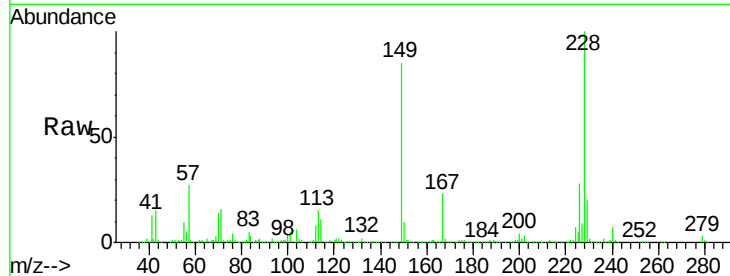
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.688 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	809356		
167	27.0	21.3	31.9	
279	3.9	3.0	4.4	

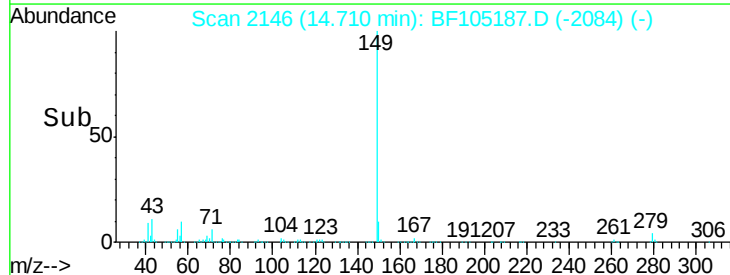
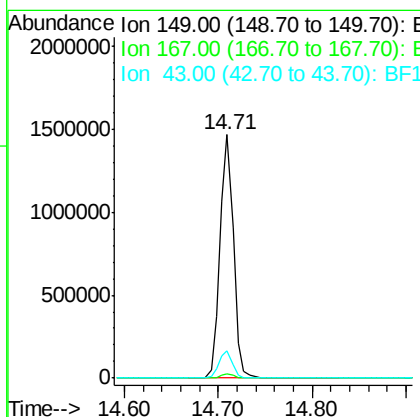
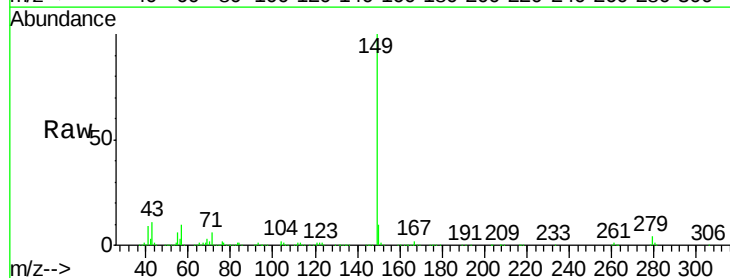
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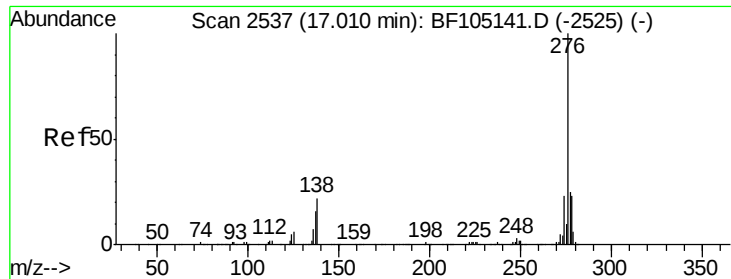
Sohil
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#84
Di-n-octyl phthalate
Concen: 39.574 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.06 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1471773		
167	1.5	1.2	1.8	
43	11.5	8.4	12.6	





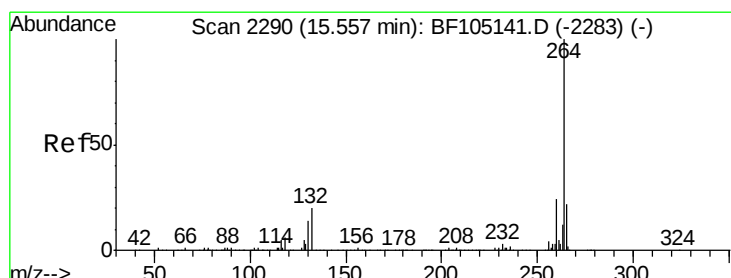
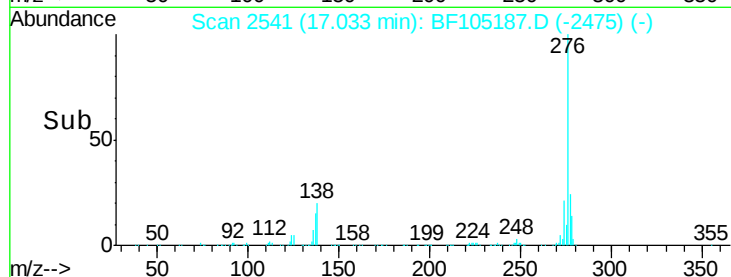
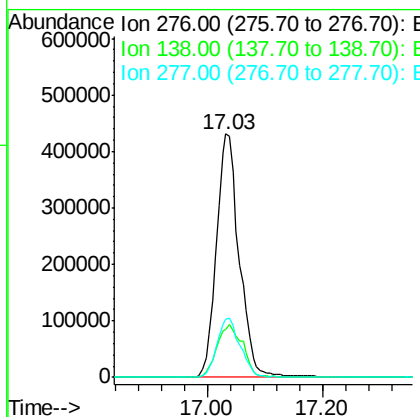
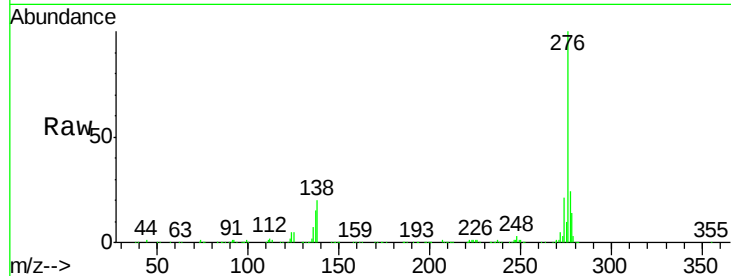
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.101 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.09 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1181920
 Ion Ratio Lower Upper
 276 100
 138 24.6 25.0 37.6#
 277 25.1 20.1 30.1

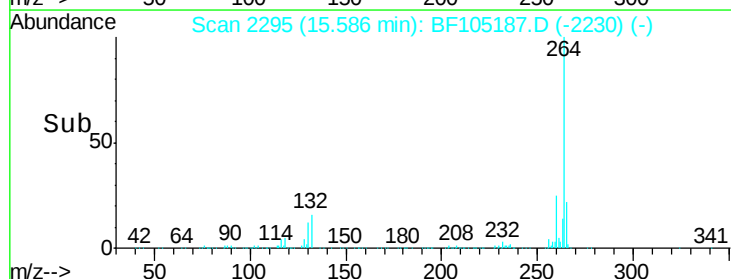
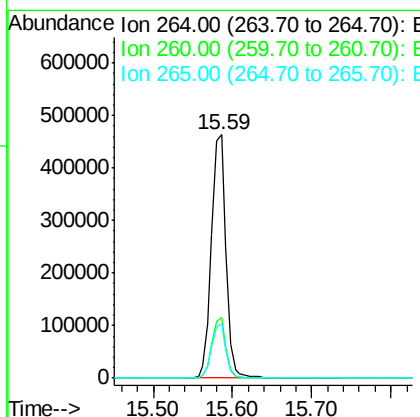
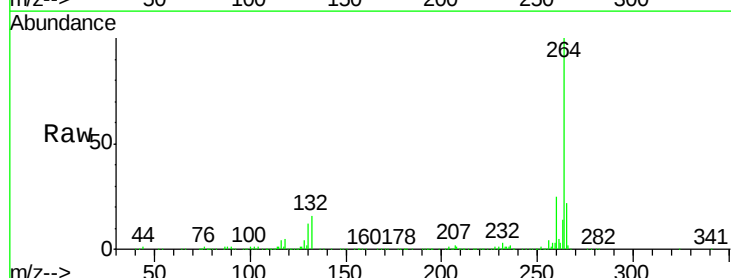
Manual Integrations
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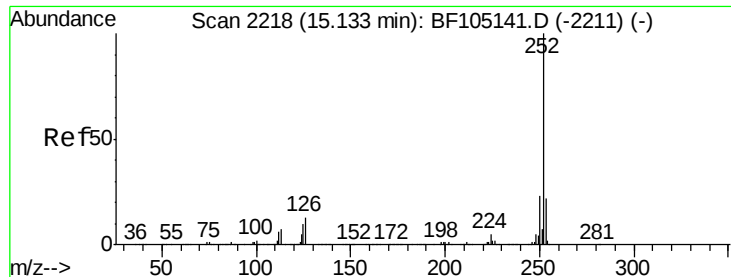
Sohil
 5/9/2018 6:51:22 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.08 min
 Lab File: BF105187.D
 Acq: 9 May 2018 11:17

Tgt Ion:264 Resp: 595155
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 37.850 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.07 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

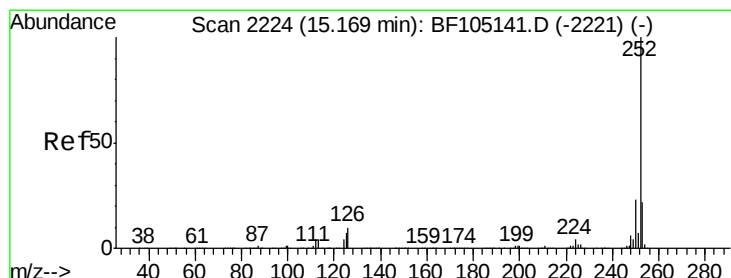
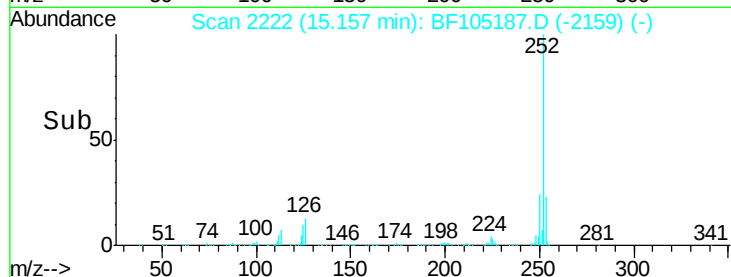
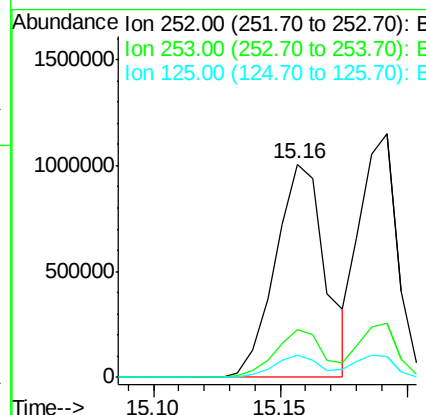
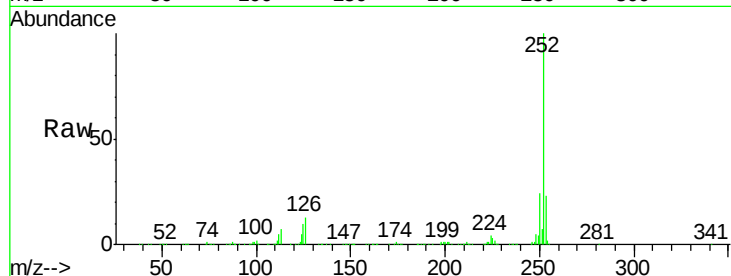
ClientSampleId :

SSTDCCC040EC

Tot	Ion:252	Resp: 1378124	
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 34.323 ng m

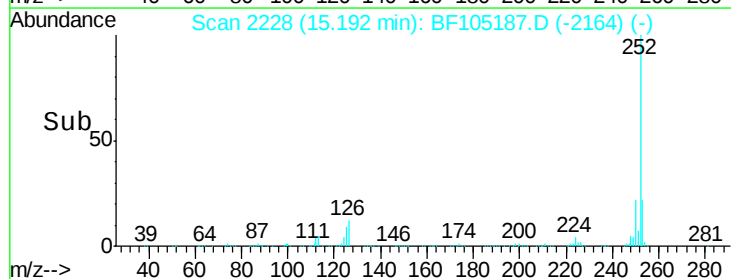
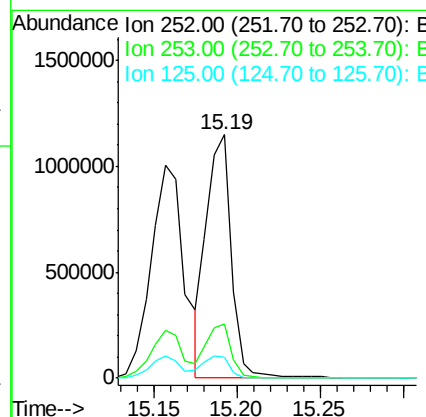
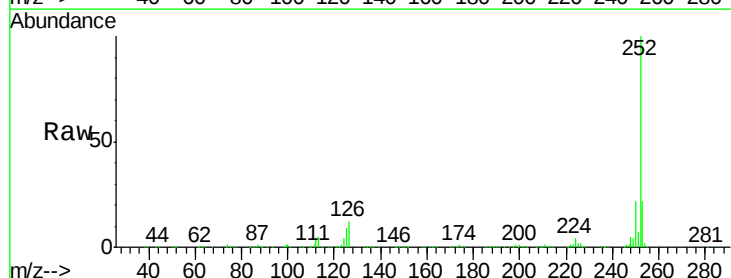
RT: 15.19 min Scan# 2228

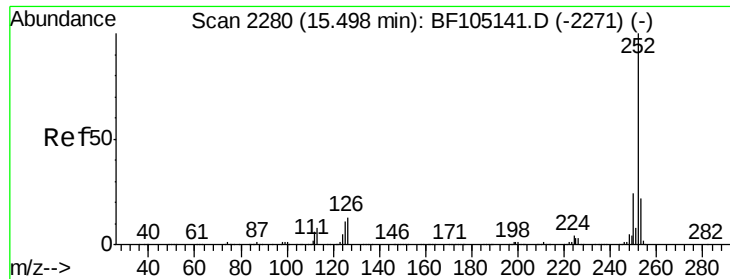
Delta R.T. 0.08 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Tgt Ion:252	Resp: 1211824
Ion Ratio	Lower Upper
252 100	
253 22.2	17.9 26.9
125 8.6	10.2 15.2#





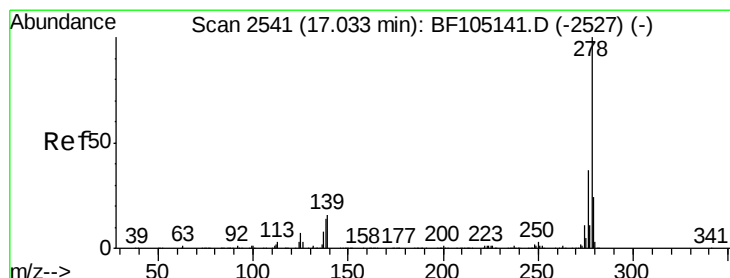
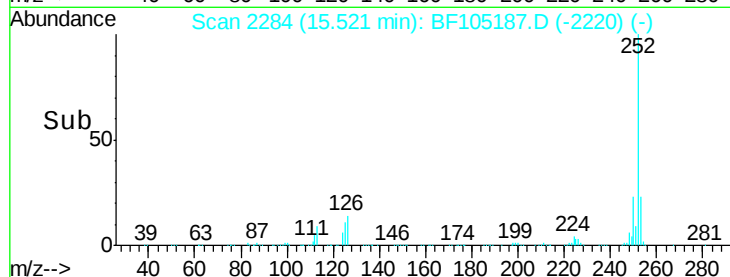
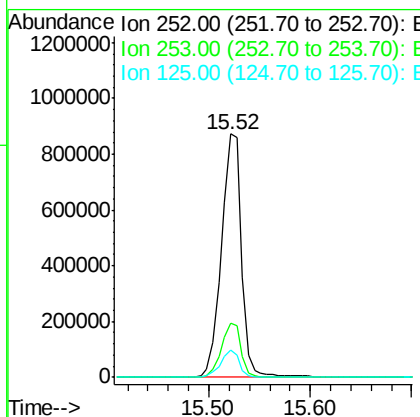
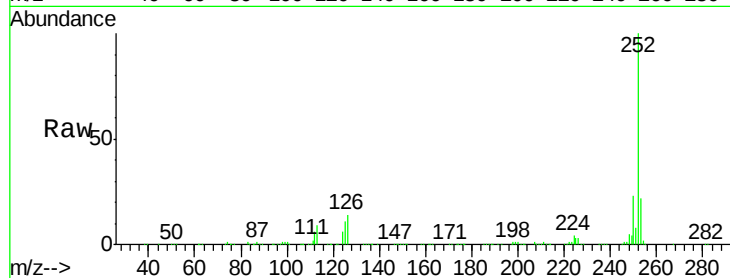
#89
Benzo(a)pyrene
Concen: 36.289 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.08 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.2	9.8	14.6

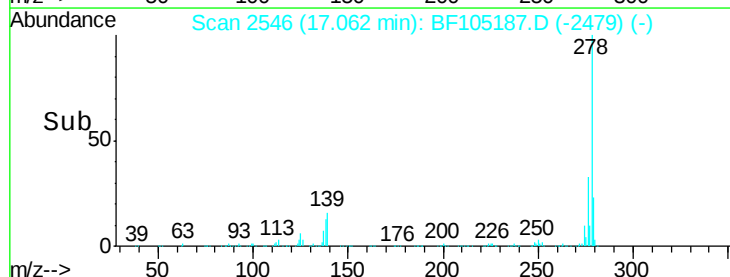
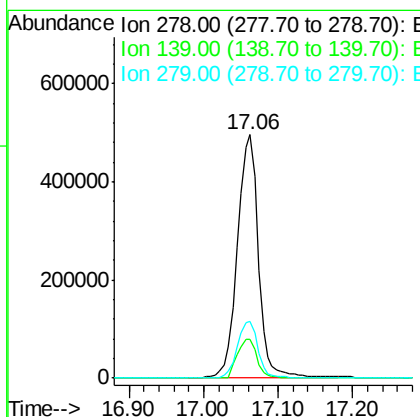
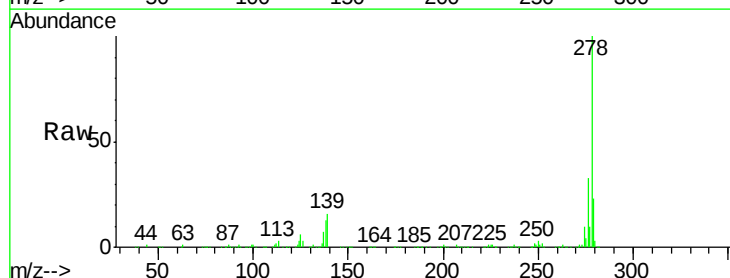
Manual Integrations
APPROVED

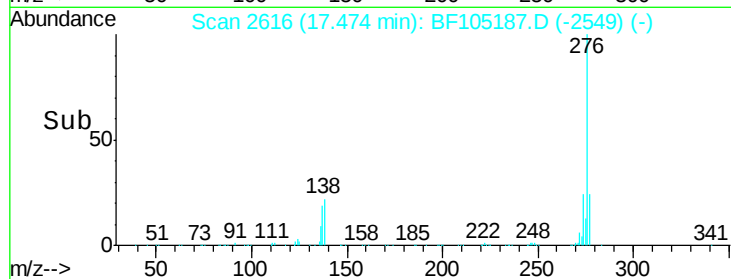
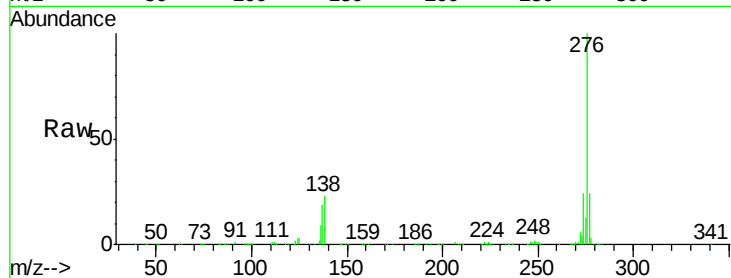
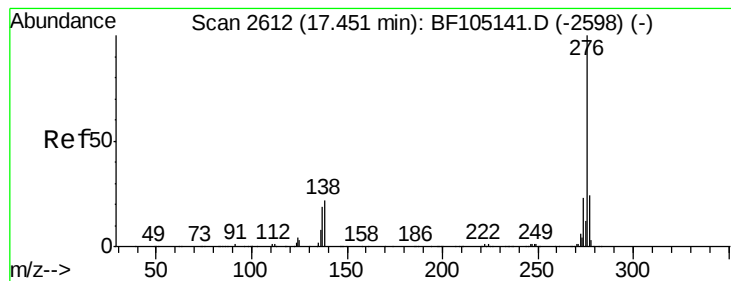
Sohil
5/9/2018 6:51:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.764 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.09 min
Lab File: BF105187.D
Acq: 9 May 2018 11:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.821 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.09 min

Lab File: BF105187.D

Acq: 9 May 2018 11:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 276 Resp: 976849

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.5 21.8 32.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:22 PM

