

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103581.D
 Acq On : 12 Mar 2018 14:53
 Operator : SJ/JU
 Sample : J1876-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:13:02 PM

Quant Time: Mar 12 16:18:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122924	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	518454	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	219643	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	332399	20.00	ng	0.00
75) Chrysene-d12	14.06	240	194983	20.00	ng	0.00
86) Perylene-d12	15.56	264	202740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	668895	82.30	ng	0.01
7) Phenol-d6	6.51	99	862110	86.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	572776	63.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	107365	57.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	795092	57.62	ng	0.00
78) Terphenyl-d14	12.98	244	535013	65.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	107700m	25.089	ng	
3) Pyridine	3.49	79	256230m	22.358	ng	
4) n-Nitrosodimethylamine	3.43	42	106259	22.990	ng	90
6) Aniline	6.54	93	125428	8.739	ng	# 24
8) 2-Chlorophenol	6.65	128	233845	27.696	ng	92
9) Benzaldehyde	6.43	77	117965	16.439	ng	98
10) Phenol	6.52	94	296811	25.708	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	223006	25.449	ng	93
12) 1,3-Dichlorobenzene	6.80	146	249551	25.864	ng	98
13) 1,4-Dichlorobenzene	6.87	146	266421	27.541	ng	99
14) 1,2-Dichlorobenzene	7.03	146	241494	27.074	ng	99
15) Benzyl Alcohol	7.02	79	193730	25.850	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	396051	26.320	ng	54
17) 2-Methylphenol	7.13	107	195470	25.475	ng	# 80
18) Hexachloroethane	7.36	117	81247	23.071	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	191112	30.876	ng	# 93
20) 3+4-Methylphenols	7.29	107	275737	29.480	ng	92
22) Acetophenone	7.27	105	365040	30.165	ng	# 97
24) Nitrobenzene	7.45	77	271379	27.151	ng	95
25) Isophorone	7.68	82	499870	27.957	ng	98
26) 2-Nitrophenol	7.76	139	102612	21.807	ng	92
27) 2,4-Dimethylphenol	7.80	122	219289	30.489	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	316229	30.082	ng	97
29) 2,4-Dichlorophenol	8.03	162	184300	26.764	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	187723	25.600	ng	98
31) Naphthalene	8.16	128	718441	28.305	ng	99
32) Benzoic acid	7.80	122	219289	42.090	ng	# 15
33) 4-Chloroaniline	8.24	127	115871	10.579	ng	# 93
34) Hexachlorobutadiene	8.27	225	94307	24.697	ng	98
35) Caprolactam	8.58	113	63092	26.069	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	223194	28.736	ng	98
37) 2-Methylnaphthalene	8.86	142	446392	27.212	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	164100	27.329	ng	99
40) Hexachlorocyclopentadiene	9.00	237	961	9.285	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	68432	16.937	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	93797	20.184	ng	93
45) 1,1'-Biphenyl	9.32	154	504386	27.405	ng	97
46) 2-Chloronaphthalene	9.35	162	400355	27.495	ng	99
47) 2-Nitroaniline	9.46	65	157982	29.291	ng	85
48) Acenaphthylene	9.76	152	604161	26.967	ng	99
49) Dimethylphthalate	9.62	163	509417	28.911	ng	99
50) 2,6-Dinitrotoluene	9.69	165	96396	26.070	ng	# 81
51) Acenaphthene	9.93	154	345506	26.448	ng	99
52) 3-Nitroaniline	9.87	138	89349	19.046	ng	97
54) Dibenzofuran	10.11	168	511529	28.524	ng	97
56) 2,4-Dinitrotoluene	10.11	165	118192	25.274	ng	# 66
57) Fluorene	10.45	166	403495	26.413	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	36471	11.683	ng	# 91
59) Diethylphthalate	10.31	149	456596	27.094	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	179084	27.644	ng	94
61) 4-Nitroaniline	10.50	138	111250	23.742	ng	93
62) Azobenzene	10.60	77	470753	27.443	ng	96
65) n-Nitrosodiphenylamine	10.56	169	354288	30.612	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	99070	28.611	ng	99
67) Hexachlorobenzene	11.00	284	97376	25.910	ng	98
68) Atrazine	11.09	200	102896	29.579	ng	99
69) Pentachlorophenol	11.22	266	17052	9.384	ng	93
70) Phenanthrene	11.42	178	523361	28.610	ng	99
71) Anthracene	11.47	178	535867	28.567	ng	99
72) Carbazole	11.64	167	507599	27.173	ng	100
73) Di-n-butylphthalate	11.94	149	672287	28.762	ng	99
74) Fluoranthene	12.62	202	474563	25.816	ng	98
76) Benzidine	12.74	184	177155	24.303	ng	97
77) Pyrene	12.85	202	457173	30.073	ng	99
79) Butylbenzylphthalate	13.44	149	221008	27.516	ng	98
80) Benzo(a)anthracene	14.04	228	350147	27.677	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	99844	22.114	ng	97
82) Chrysene	14.08	228	341517	27.802	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	290104	26.766	ng	# 99
84) Di-n-octyl phthalate	14.62	149	488980	27.922	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	323475	33.262	ng	98
87) Benzo(b)fluoranthene	15.12	252	347367	26.059	ng	98
88) Benzo(k)fluoranthene	15.15	252	350487	27.922	ng	98
89) Benzo(a)pyrene	15.50	252	333214	27.992	ng	99
90) Dibenzo(a,h)anthracene	17.12	278	271647	29.533	ng	97
91) Benzo(g,h,i)perylene	17.58	276	259154	28.828	ng	98

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

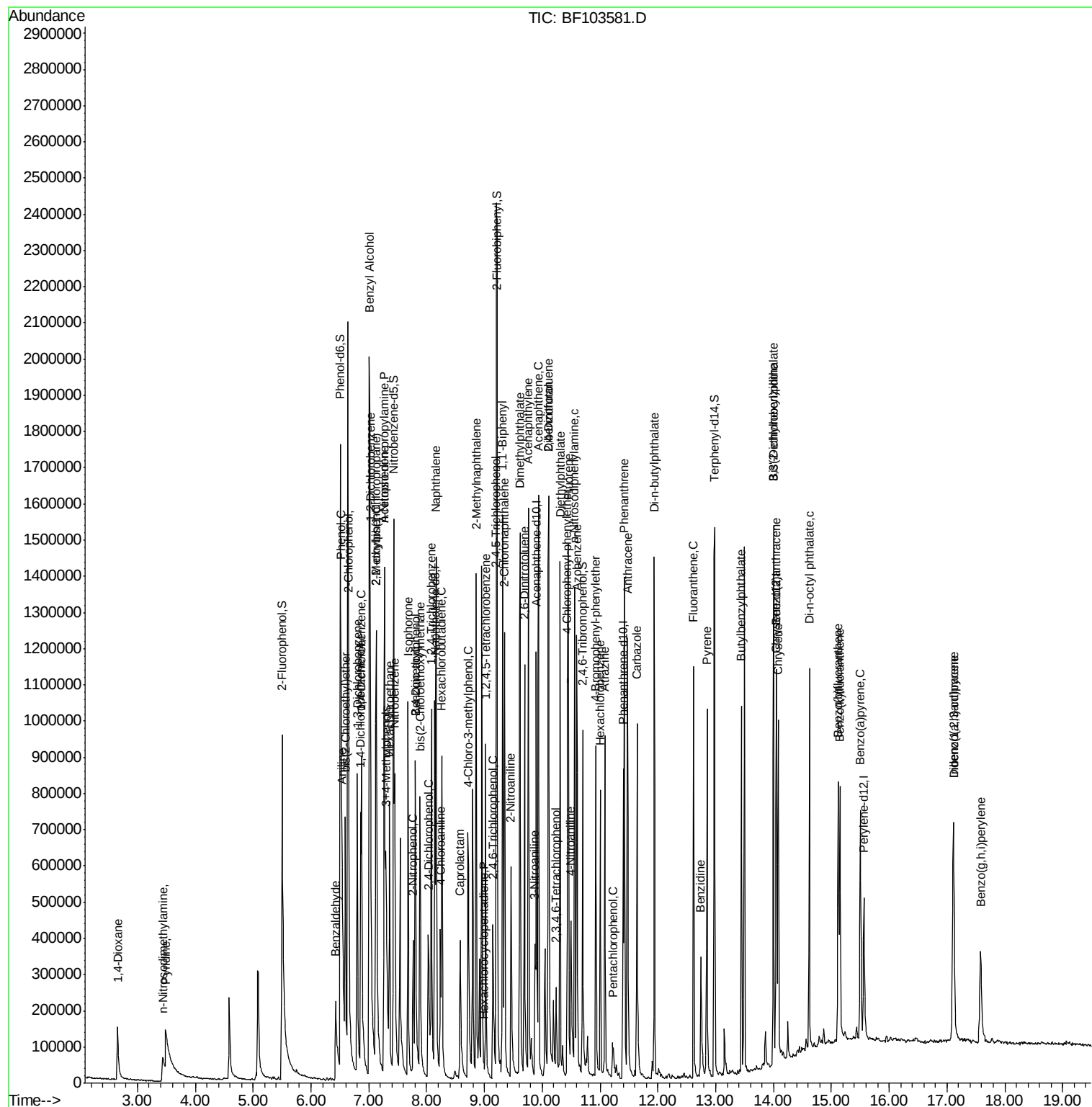
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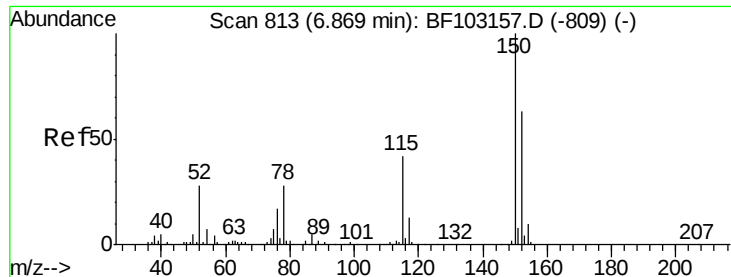
Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

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#1

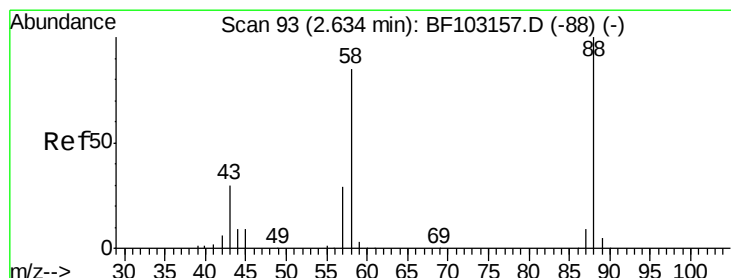
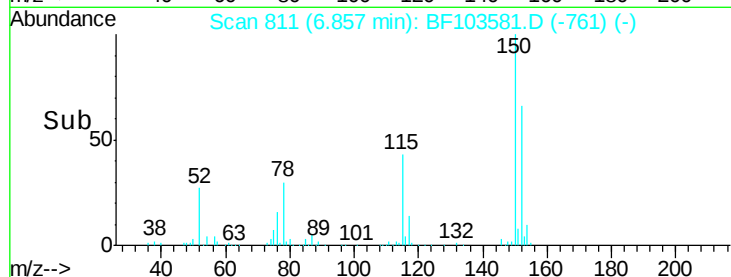
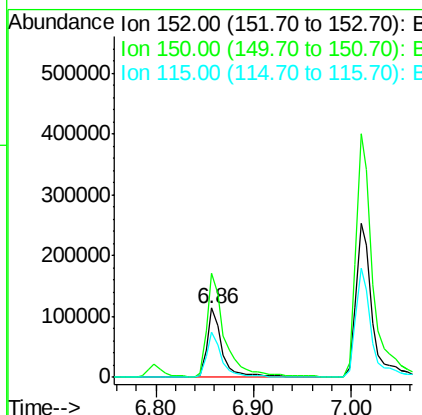
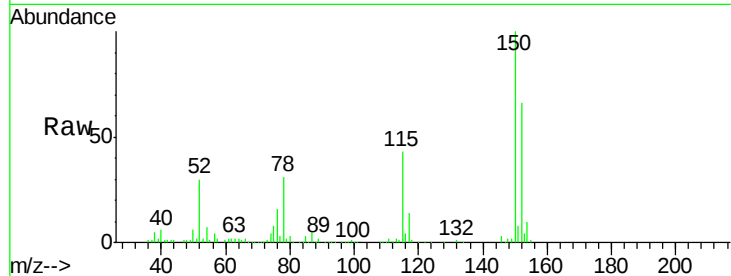
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampled :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.6	186.8
115	64.8	50.1	75.1

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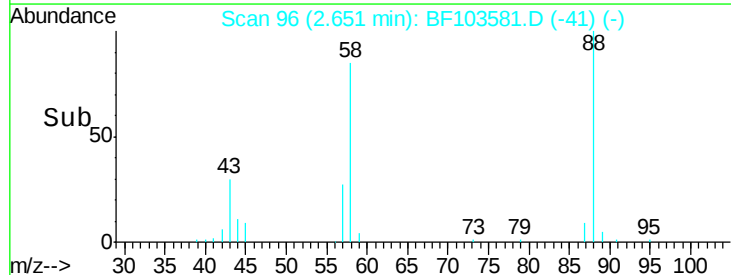
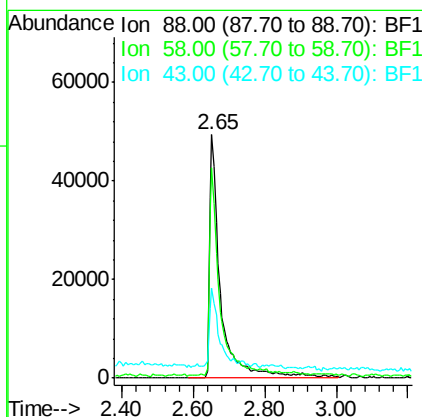
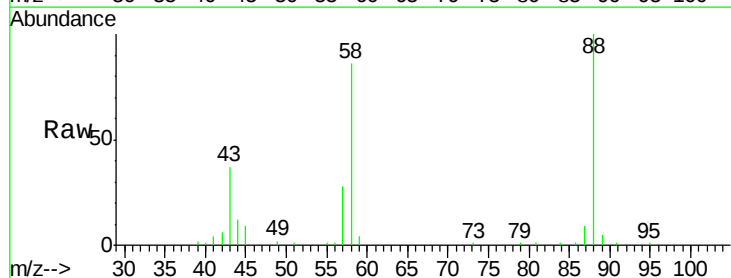
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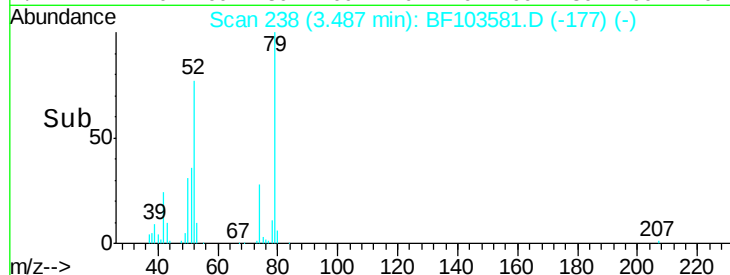
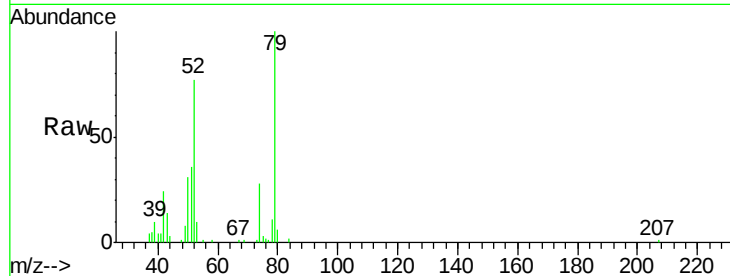


#2

1,4-Dioxane
Concen: 25.089 ng m
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	62.6	93.8
43	26.1	24.6	37.0





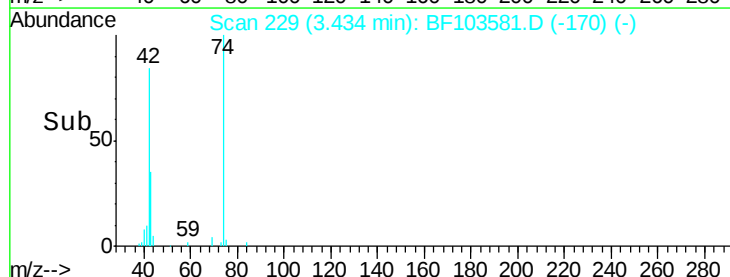
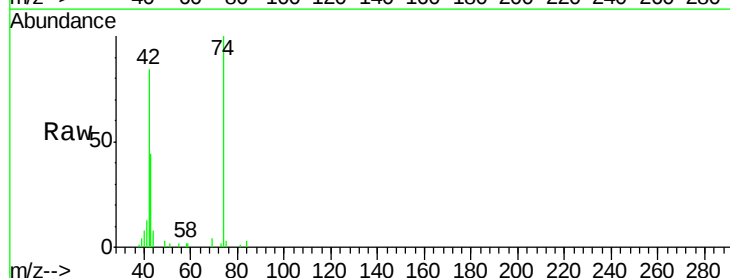
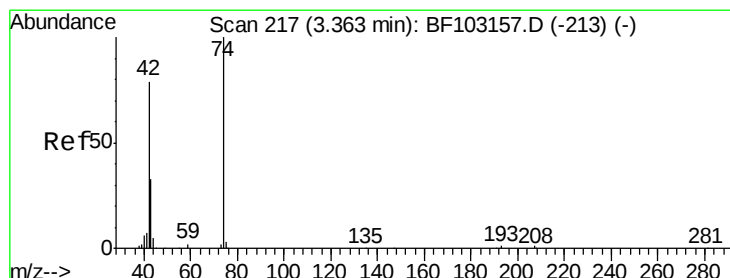
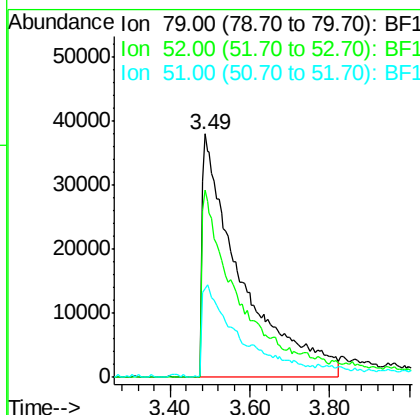
#3
 Pvridine
 Concen: 22.358 ng/ml
 RT: 3.49 min Scan# 238
 Delta R.T. 0.06 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tot Ion:	79	Resp:	256230
Ion Ratio	Lower	Upper	
79	100		
52	76.9	59.8	89.6
51	36.2	29.8	44.8

Instrument :
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 ClientSampleId :
 SB-07-08-10MSD

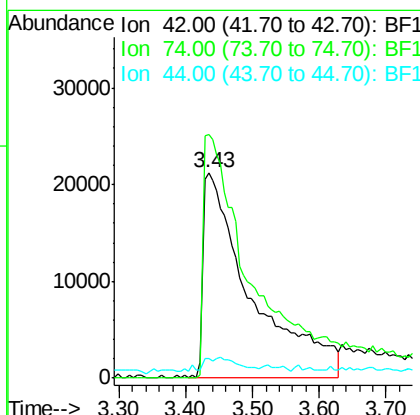
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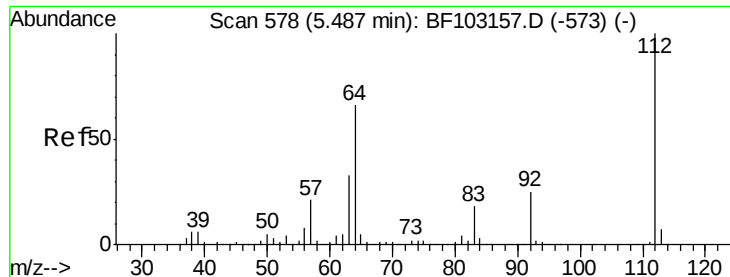
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#4
 n-Nitrosodimethylamine
 Concen: 22.990 ng/ml
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:	42	Resp:	106259
Ion Ratio	Lower	Upper	
42	100		
74	118.4	104.9	157.3
44	9.2	6.9	10.3





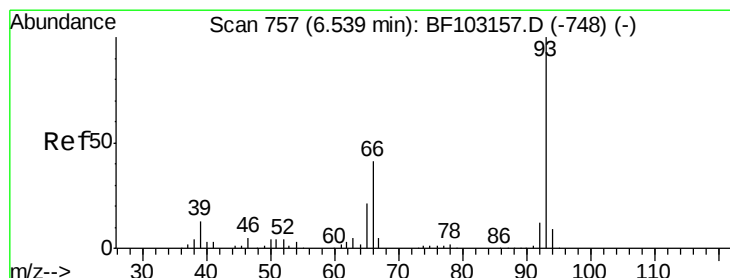
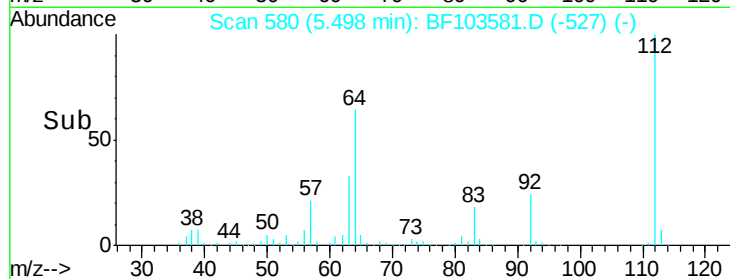
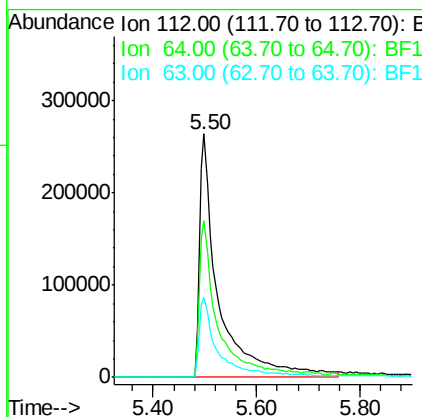
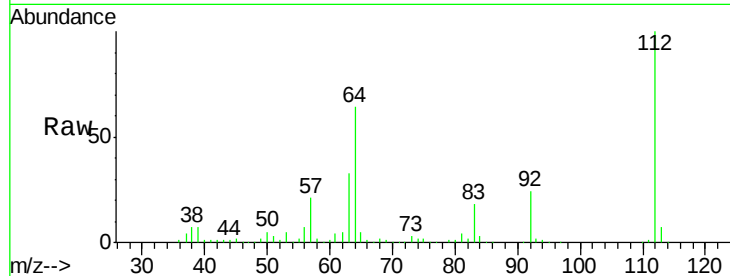
#5
2-Fluorophenol
Concen: 82.299 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.8	23.7	35.5

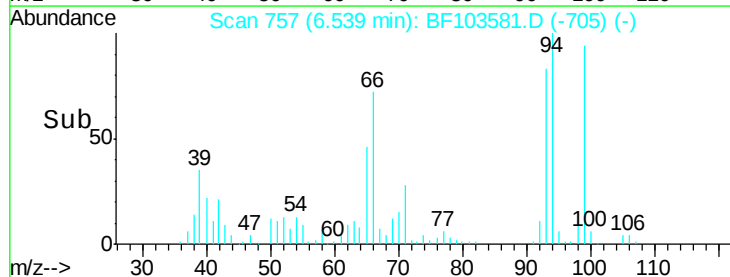
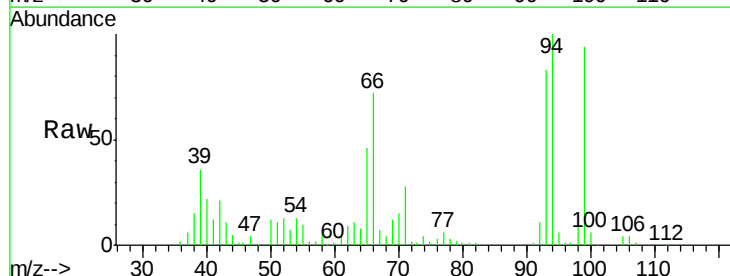
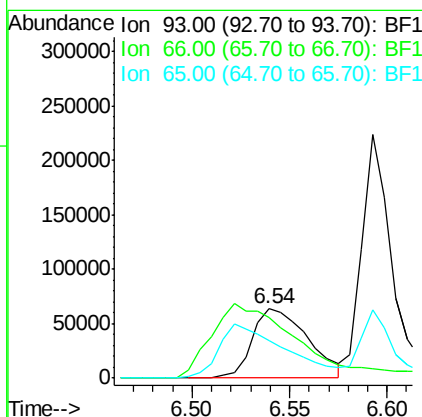
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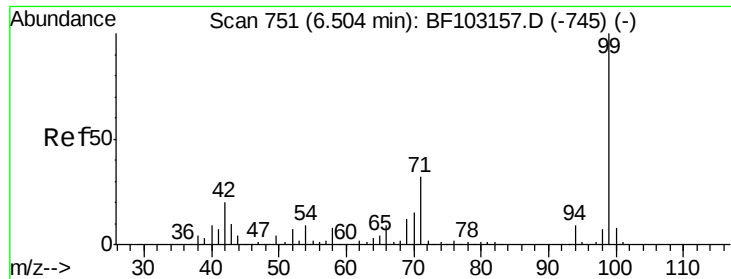
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#6
Aniline
Concen: 8.739 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	87.3	32.2	48.2#
65	55.1	16.4	24.6#





#7

Phenol-d6

Concen: 86.685 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

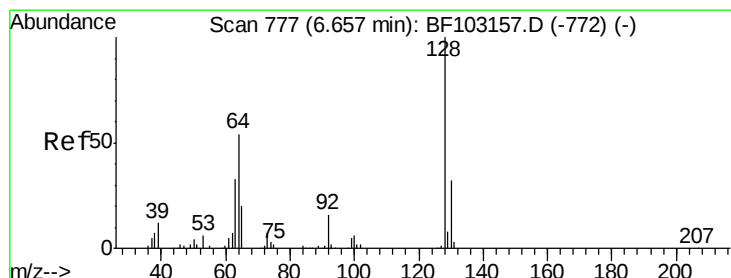
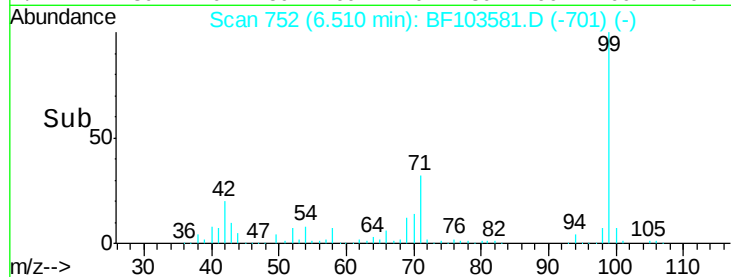
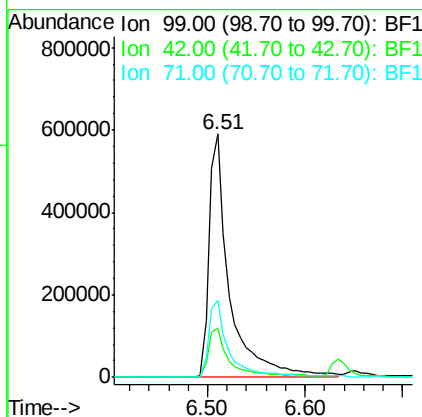
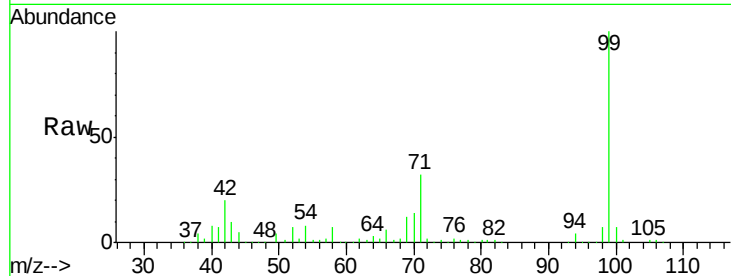
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	99	Resp:	862110
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	31.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 27.696 ng

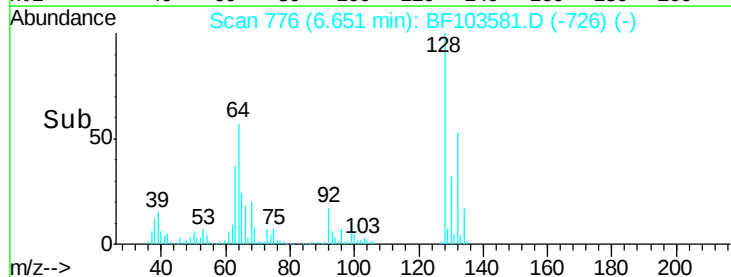
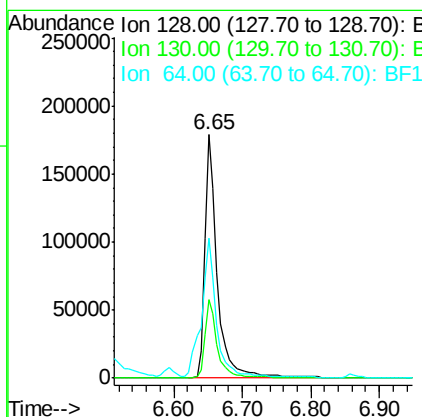
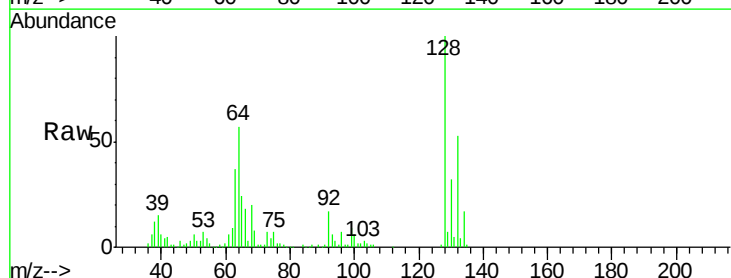
RT: 6.65 min Scan# 776

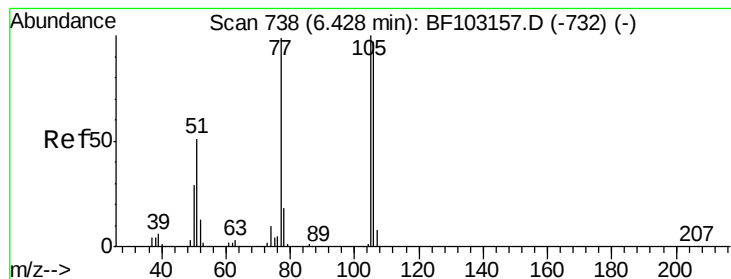
Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	128	Resp:	233845
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	57.4	29.4	69.4





#9

Benzaldehyde

Concen: 16.439 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

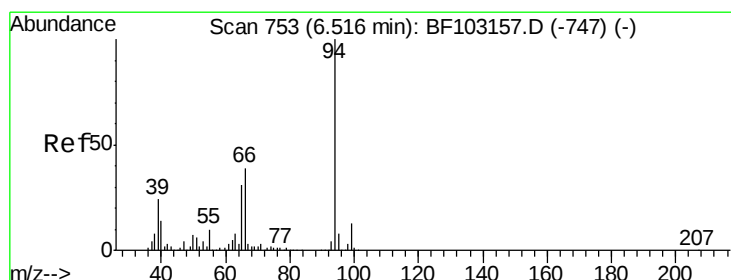
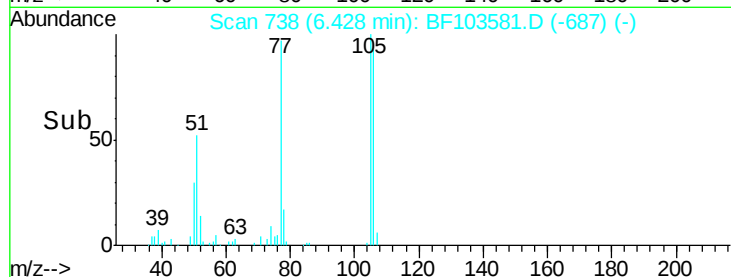
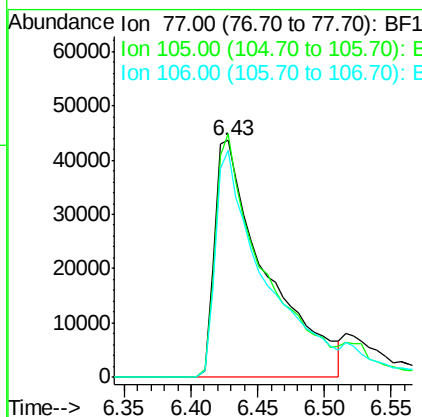
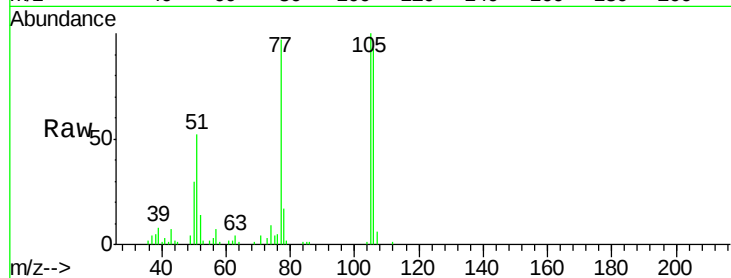
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	77	Resp:	117965
Ion Ratio	Lower	Upper	
77	100		
105	102.7	81.1	121.1
106	95.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 25.708 ng

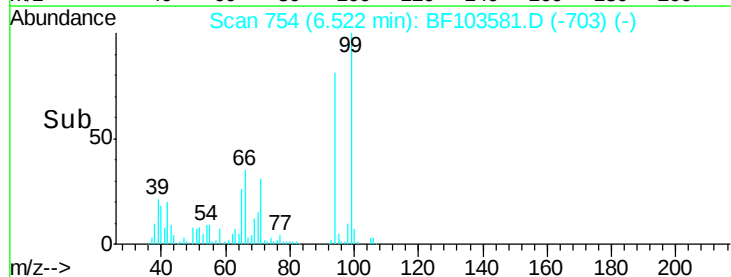
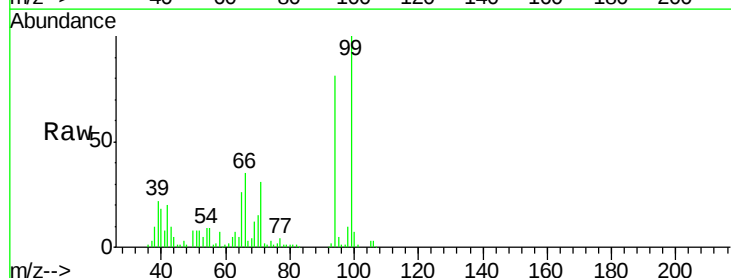
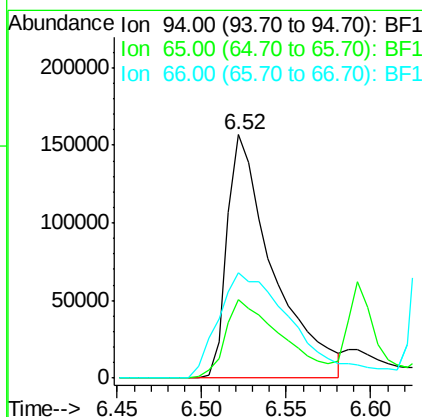
RT: 6.52 min Scan# 754

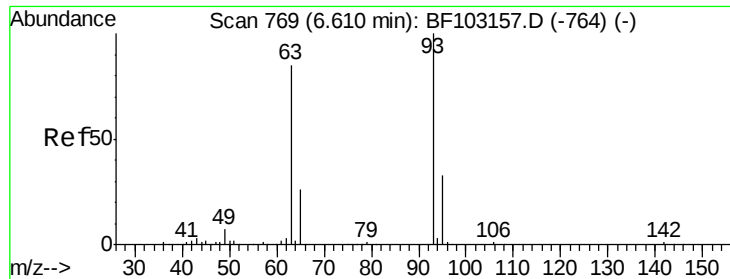
Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	94	Resp:	296811
Ion Ratio	Lower	Upper	
94	100		
65	32.1	7.9	47.9
66	43.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 25.449 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

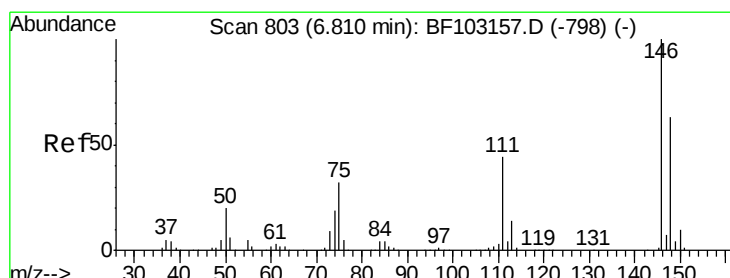
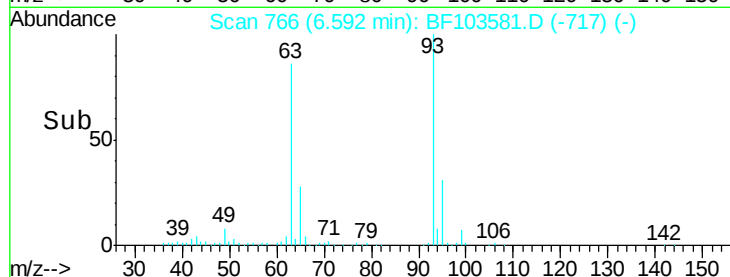
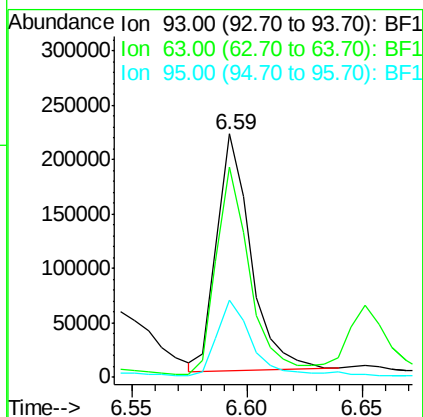
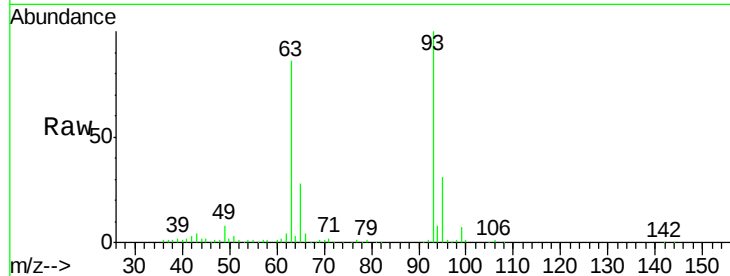
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	93	Resp:	223006
Ion Ratio	Lower	Upper	
93	100		
63	86.4	58.6	98.6
95	31.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 25.864 ng

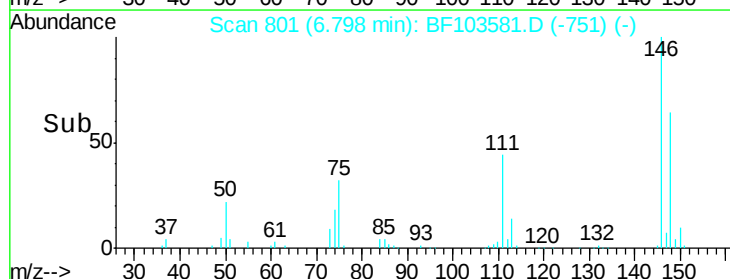
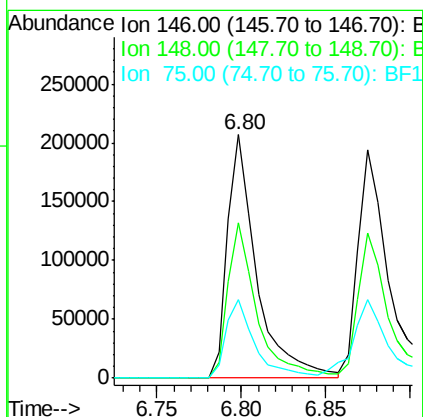
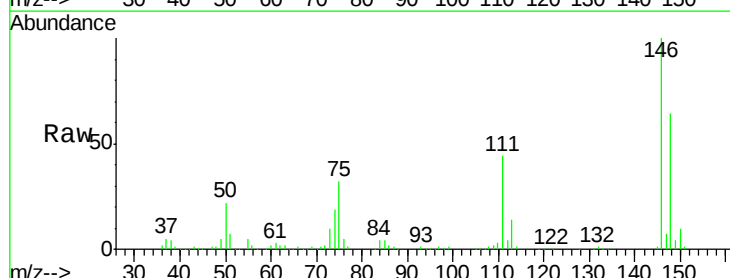
RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	146	Resp:	249551
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	32.3	24.2	36.4





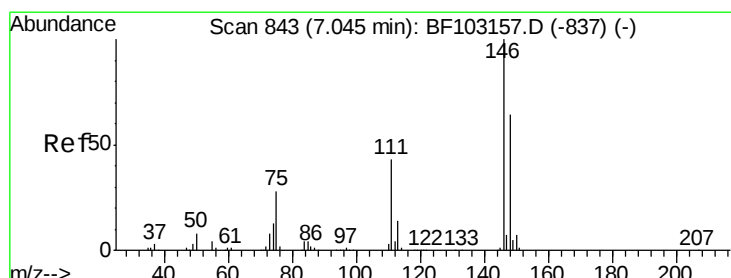
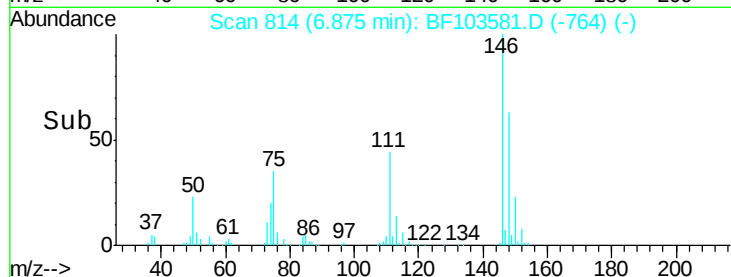
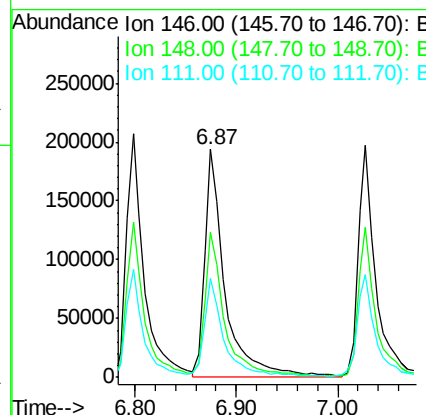
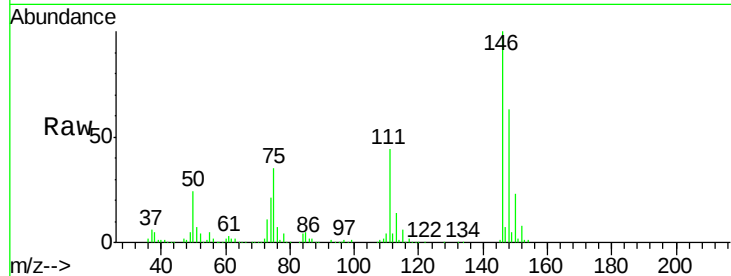
#13
1,4-Dichlorobenzene
Concen: 27.541 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	43.6	34.2	51.2

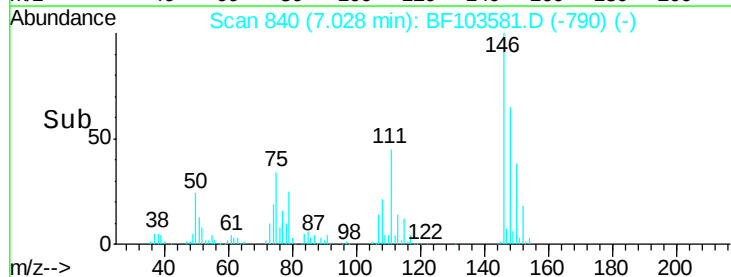
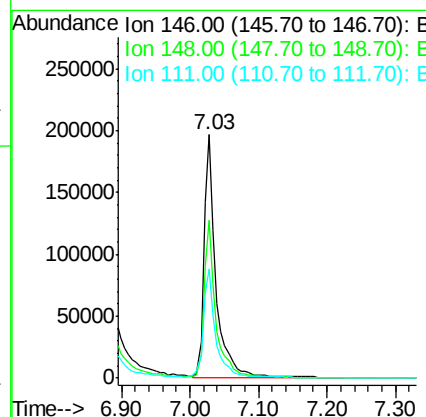
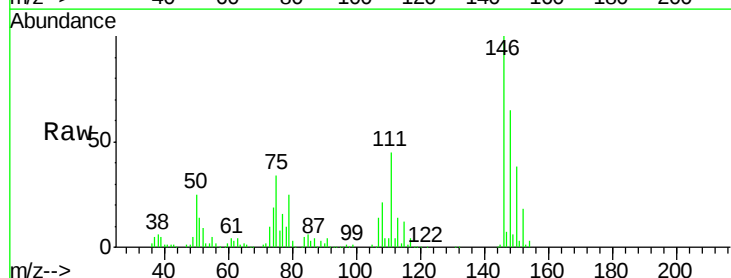
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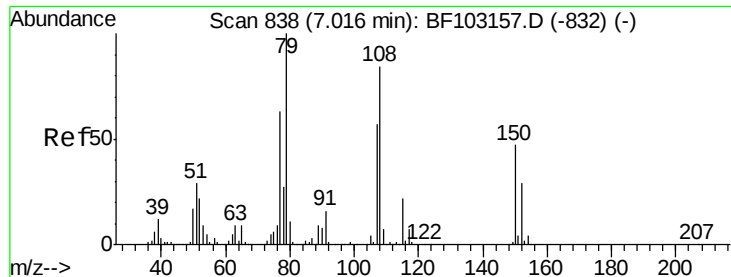
Sohil
3/13/2018 4:13:02 PM



#14
1,2-Dichlorobenzene
Concen: 27.074 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 25.850 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

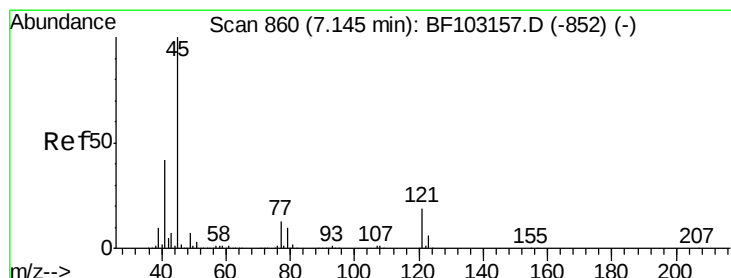
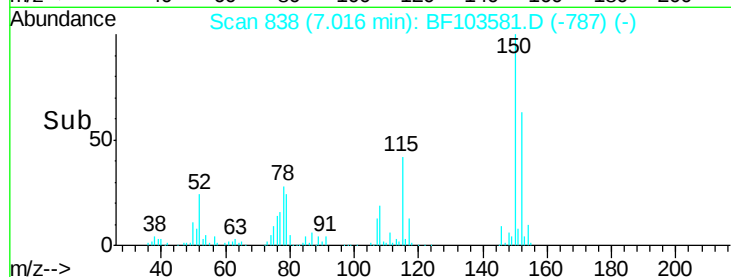
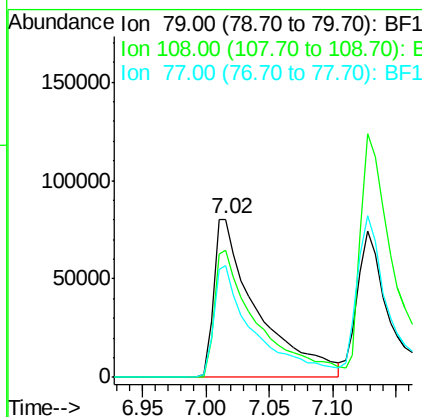
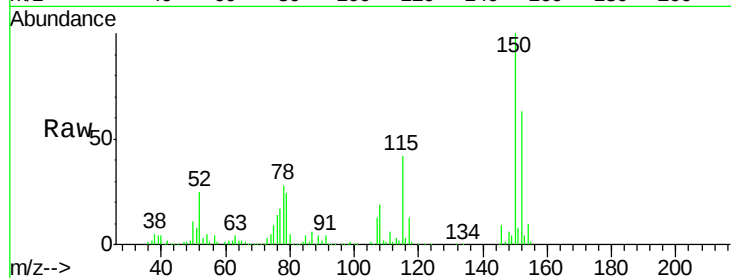
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	79	Resp:	193730
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.1	97.7
77	70.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.320 ng

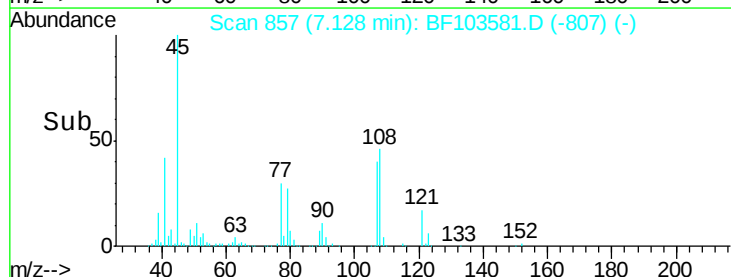
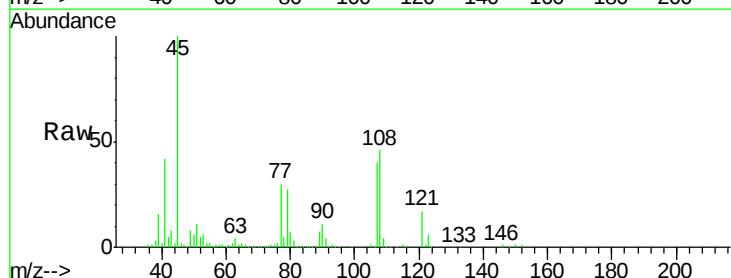
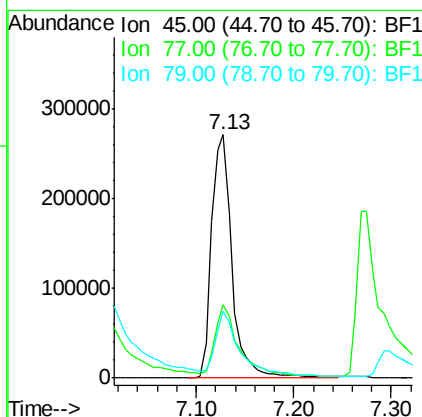
RT: 7.13 min Scan# 857

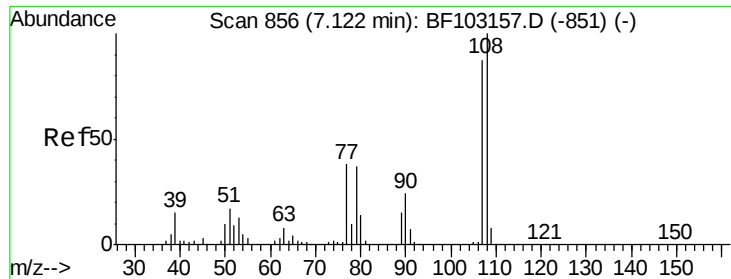
Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	45	Resp:	396051
Ion Ratio	Lower	Upper	
45	100		
77	30.3	0.0	32.9
79	27.4	0.0	29.6





#17

2-Methylphenol

Concen: 25.475 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

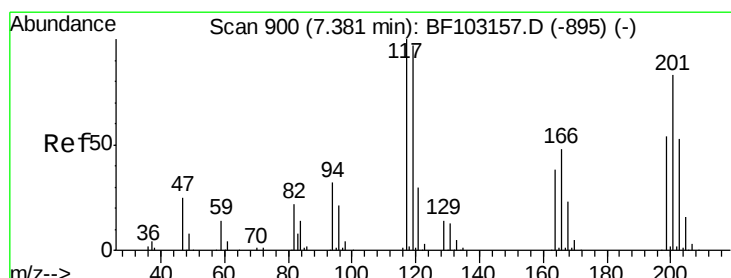
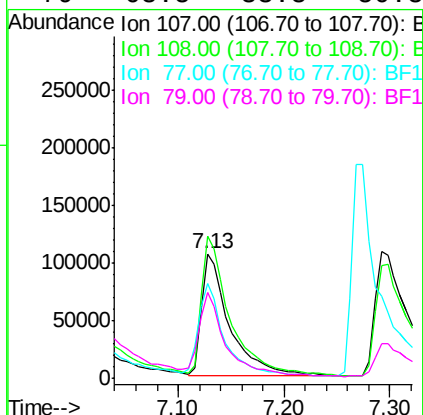
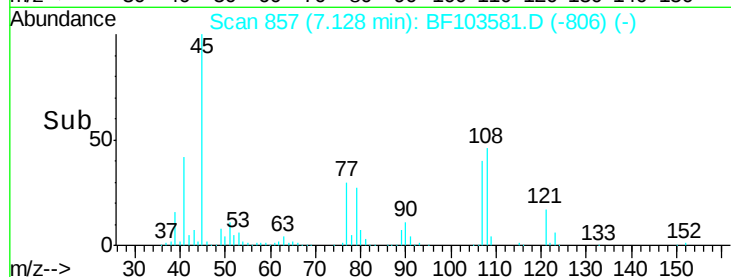
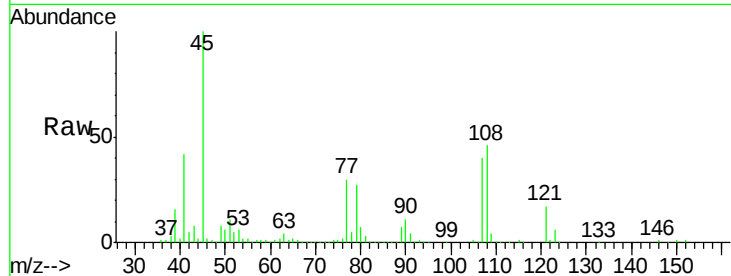
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	107	Resp:	195470
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.7	137.5
77	75.9	33.8	50.8#
79	68.5	33.8	50.8#

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#18

Hexachloroethane

Concen: 23.071 ng

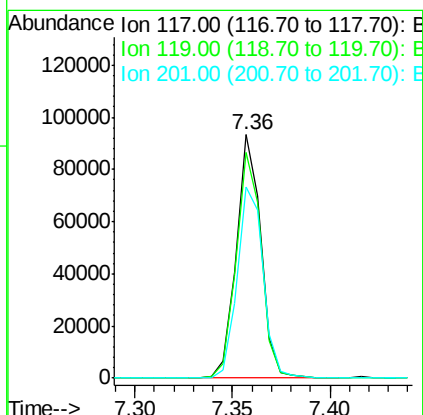
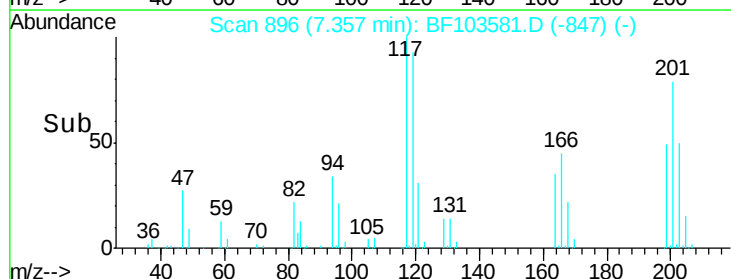
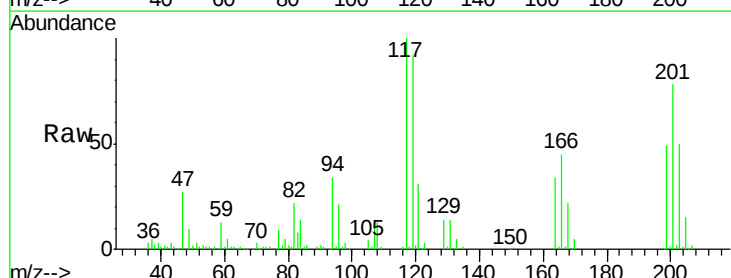
RT: 7.36 min Scan# 896

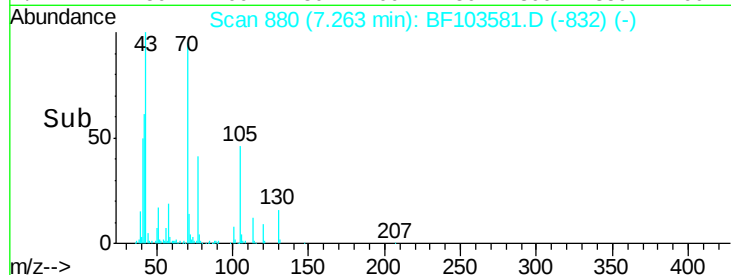
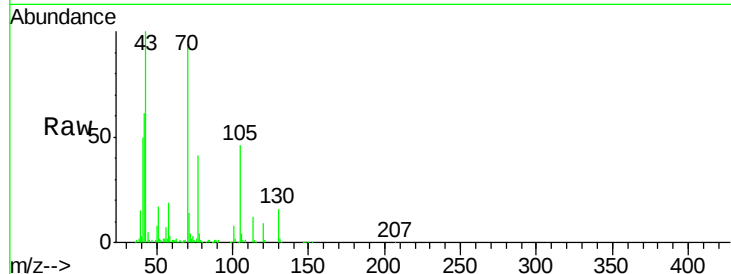
Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	117	Resp:	81247
Ion Ratio	Lower	Upper	
117	100		
119	92.5	75.8	113.8
201	78.3	75.7	113.5





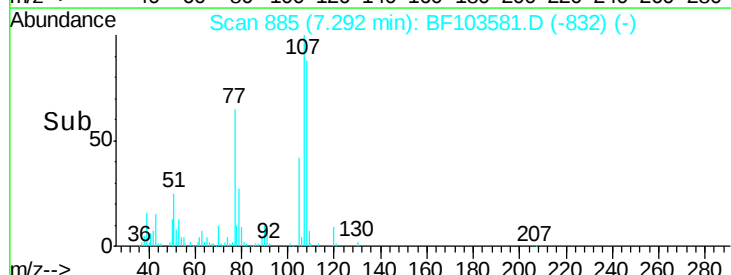
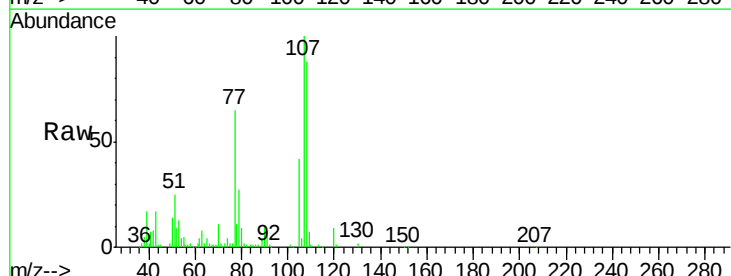
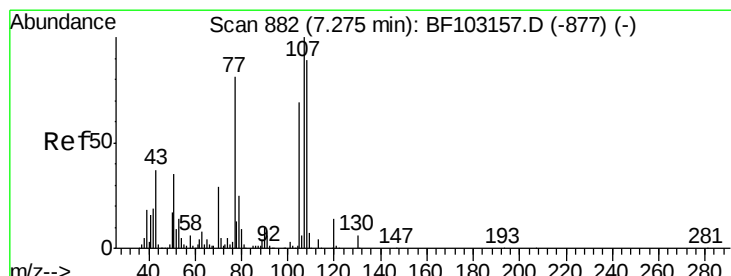
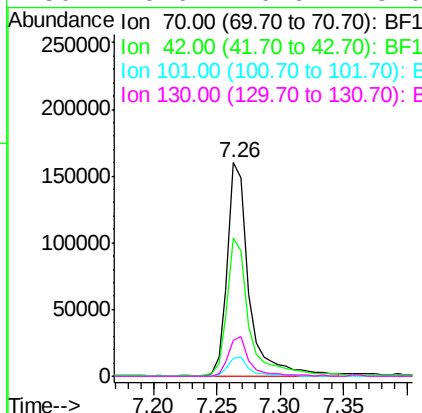
#19
n-Nitroso-di-n-propylamine
Concen: 30.876 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	8.7	7.4	11.2
130	16.6	16.6	25.0#

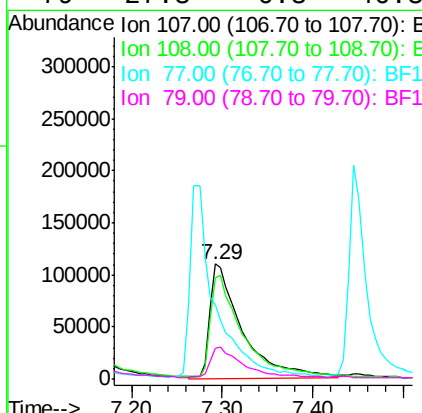
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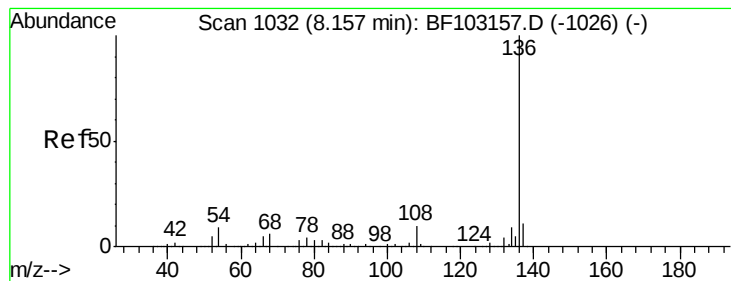
Sohil
3/13/2018 4:13:02 PM



#20
3+4-Methylphenols
Concen: 29.480 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	65.0	26.7	66.7
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

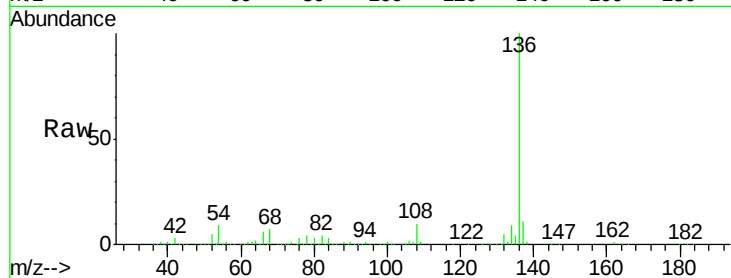
ClientSampleId :

SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	518454		
137	11.4	8.9	13.3	
54	9.3	6.6	9.8	
68	6.9	5.0	7.4	

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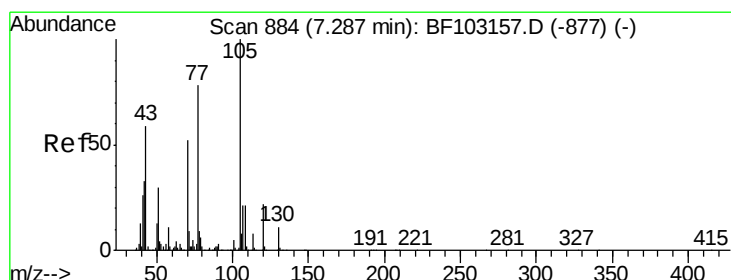
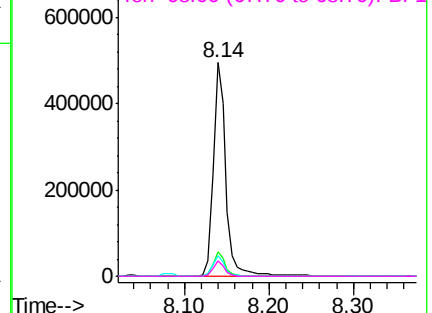
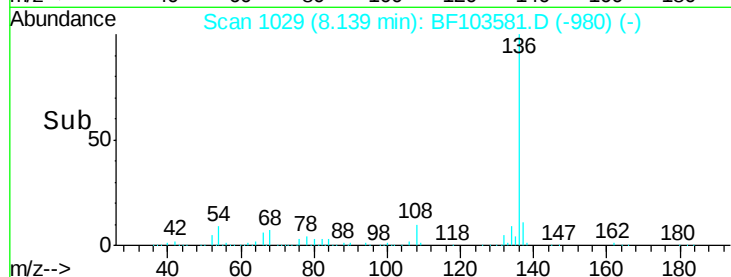


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.165 ng

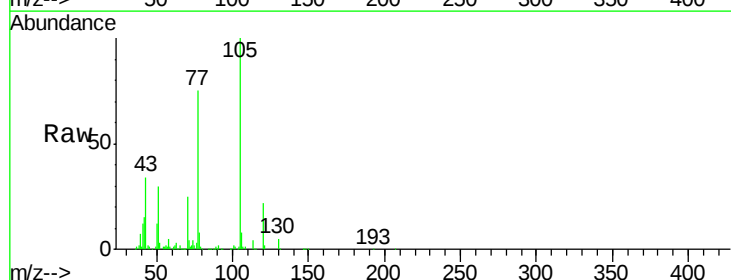
RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365040		
71	4.2	4.4	6.6#	
51	30.2	22.3	33.5	
120	21.6	16.9	25.3	

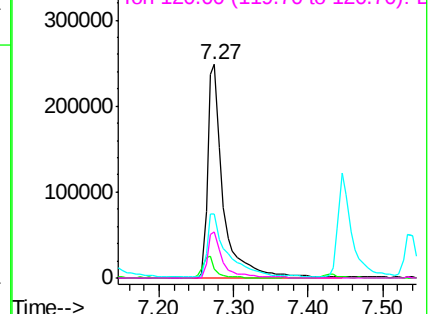
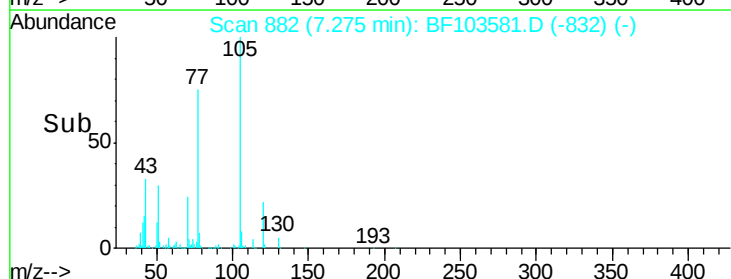


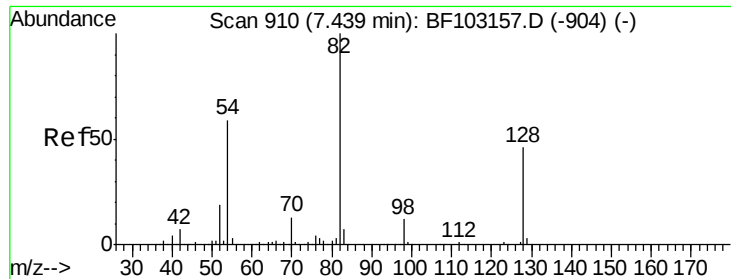
Abundance Ion 105.00 (104.70 to 105.70): E

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





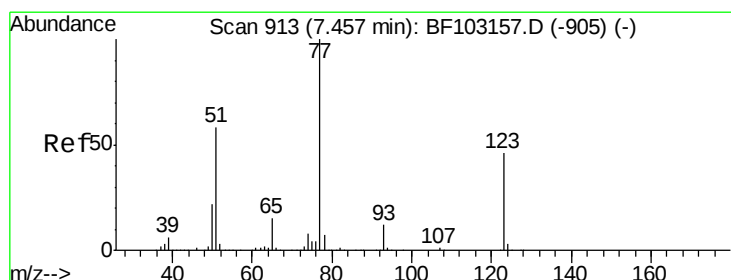
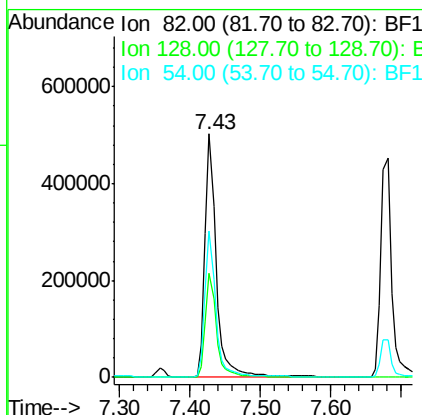
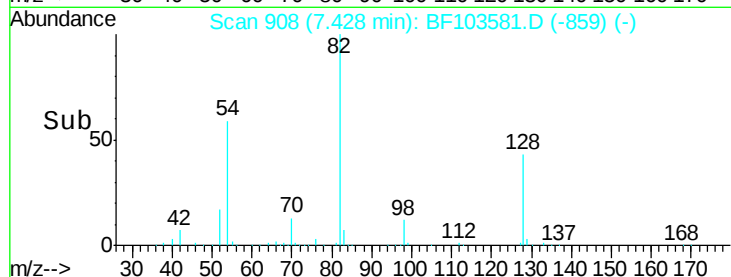
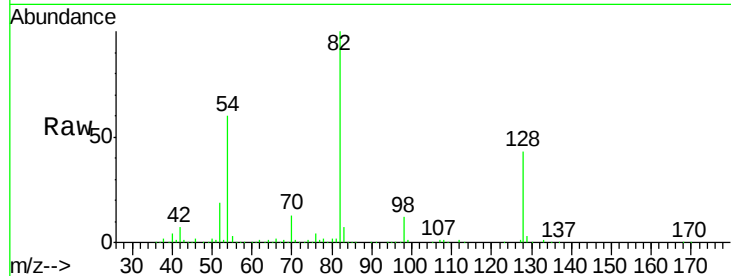
#23
Nitrobenzene-d5
Concen: 63.092 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	60.0	41.4	62.2

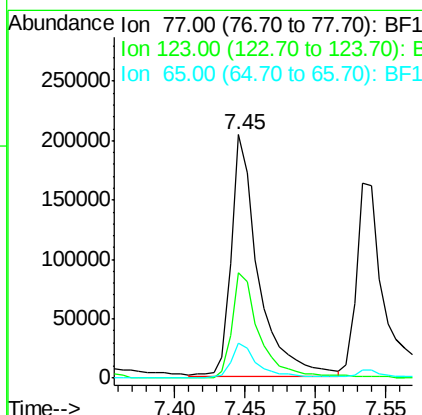
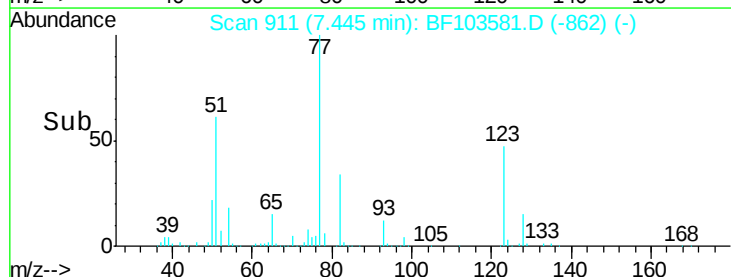
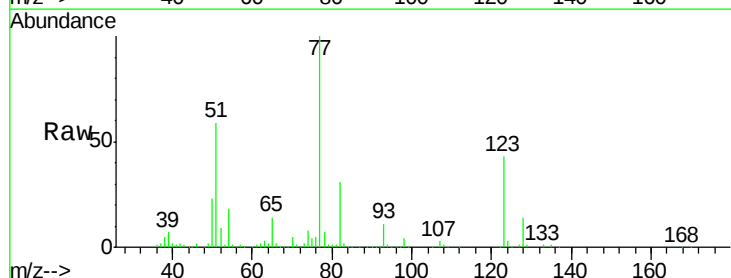
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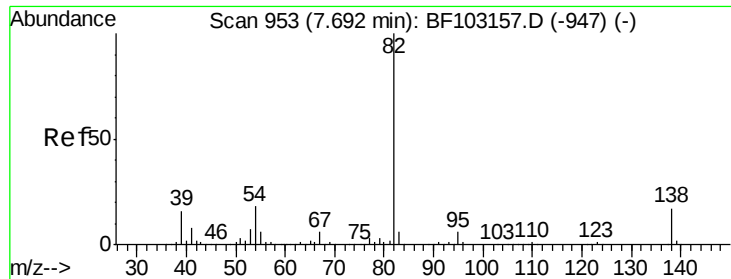
Sohil
3/13/2018 4:13:02 PM



#24
Nitrobenzene
Concen: 27.151 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 27.957 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

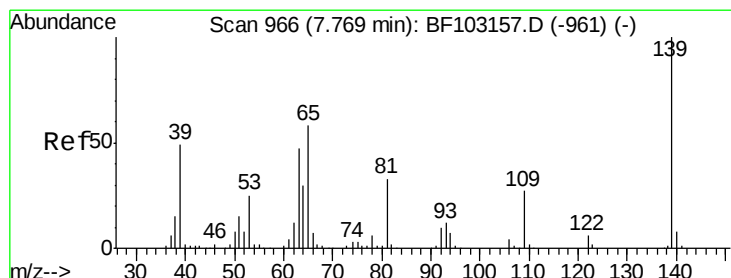
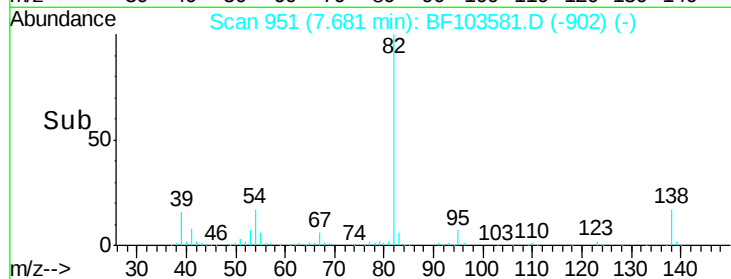
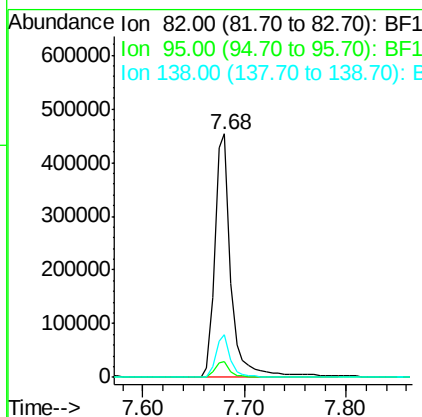
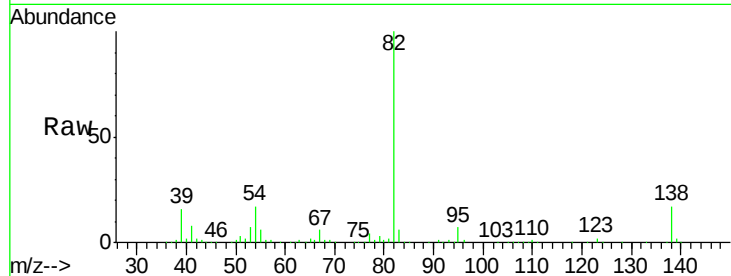
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	82	Resp:	499870
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
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3/13/2018 4:13:02 PM



#26

2-Nitrophenol

Concen: 21.807 ng

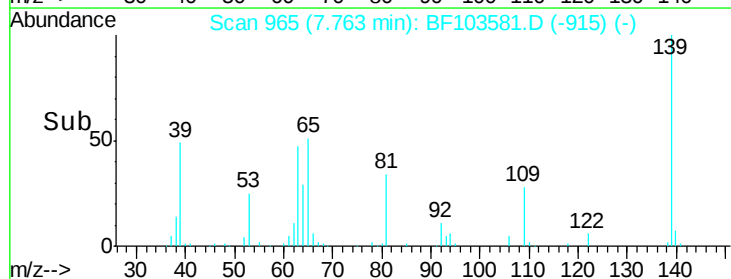
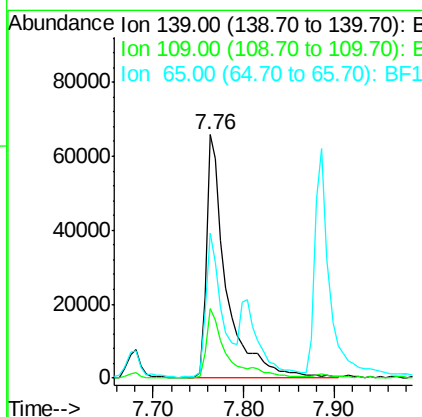
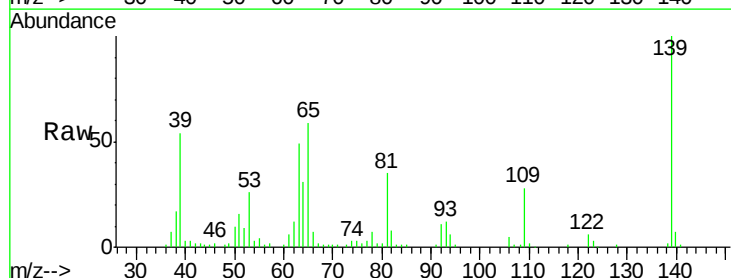
RT: 7.76 min Scan# 965

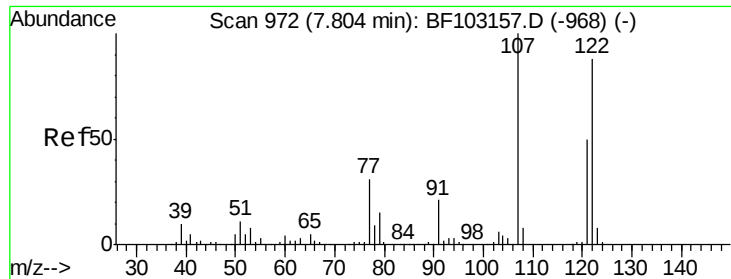
Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	139	Resp:	102612
Ion Ratio		Lower	Upper
139	100		
109	28.4	22.7	34.1
65	59.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 30.489 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

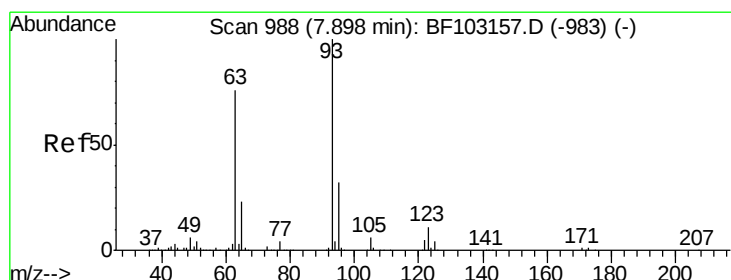
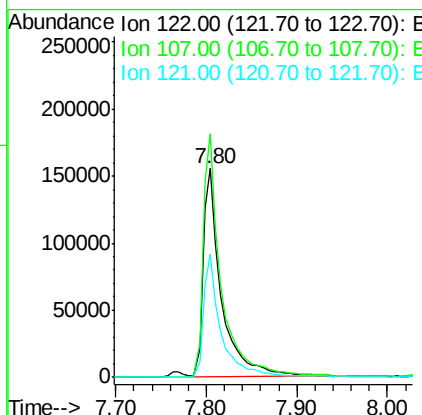
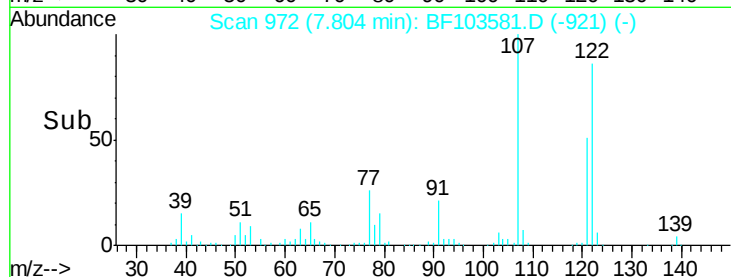
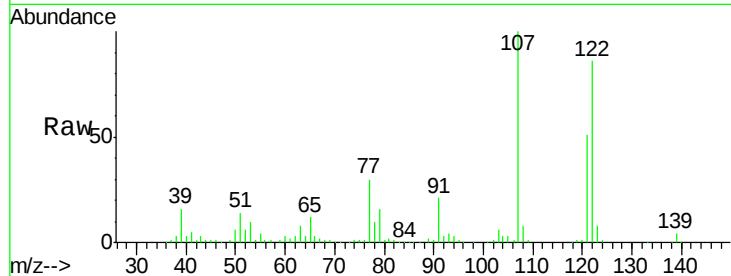
ClientSampleId :

SB-07-08-10MSD

Tot Ion:	122	Resp:	219289
Ion Ratio	Lower	Upper	
122	100		
107	116.8	91.2	136.8
121	59.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 30.082 ng

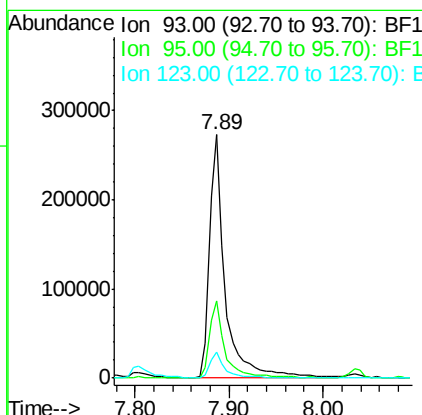
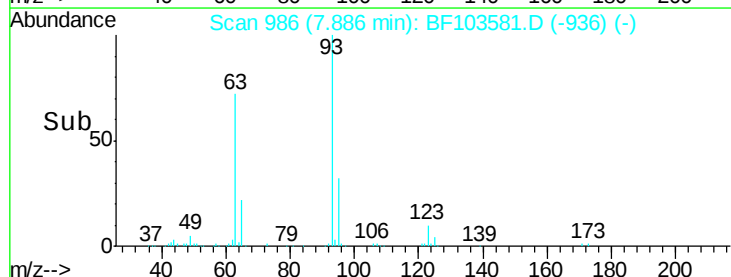
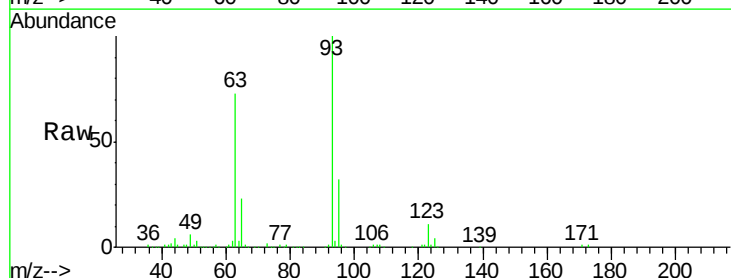
RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion:	93	Resp:	316229
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.3	39.5
123	10.8	9.8	14.6





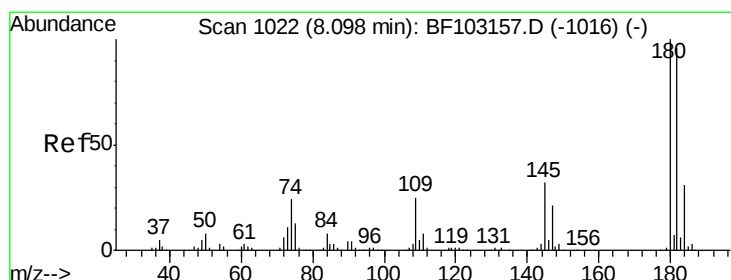
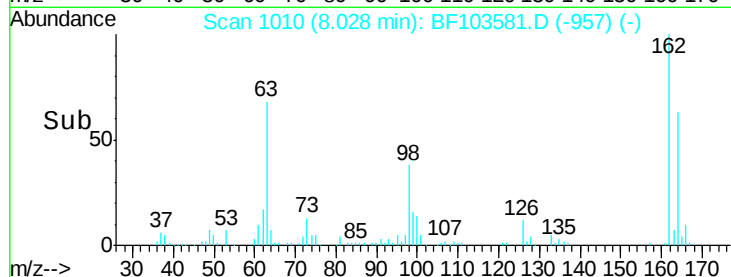
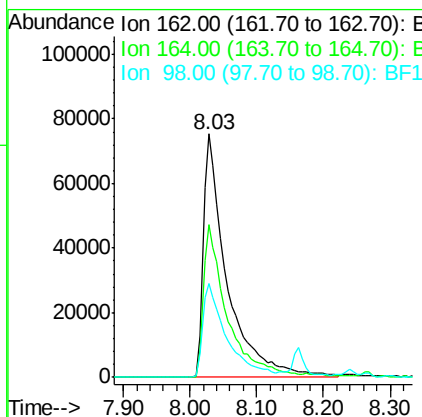
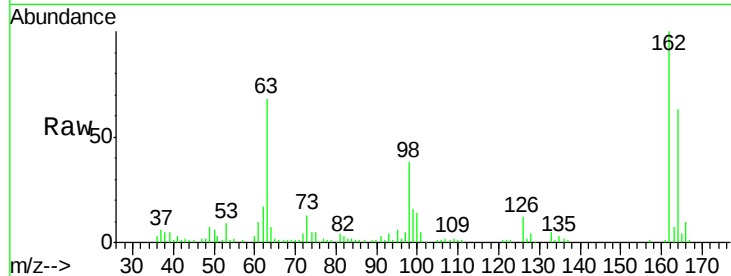
#29
 2,4-Dichlorophenol
 Concen: 26.764 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	184300		
164	62.9		42.7	82.7
98	38.3		18.1	58.1

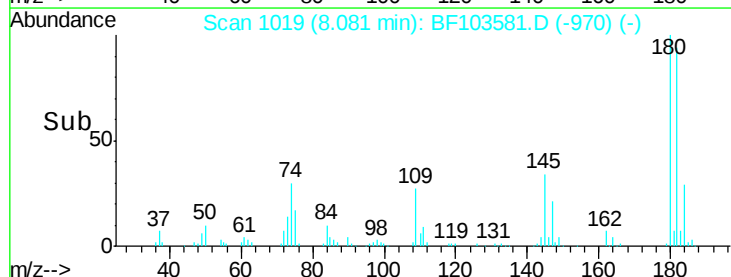
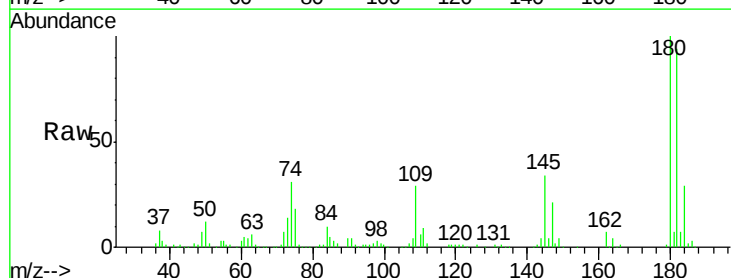
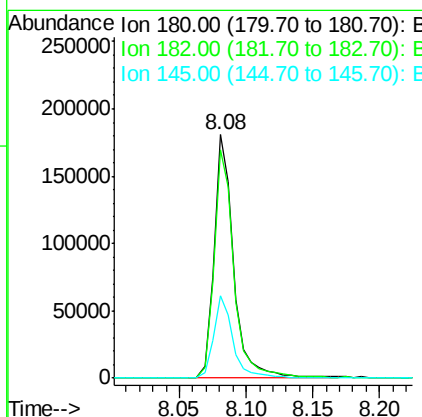
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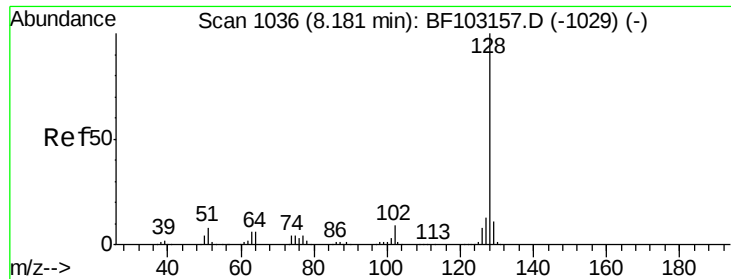
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#30
 1,2,4-Trichlorobenzene
 Concen: 25.600 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187723		
182	93.7		76.8	115.2
145	33.7		26.5	39.7





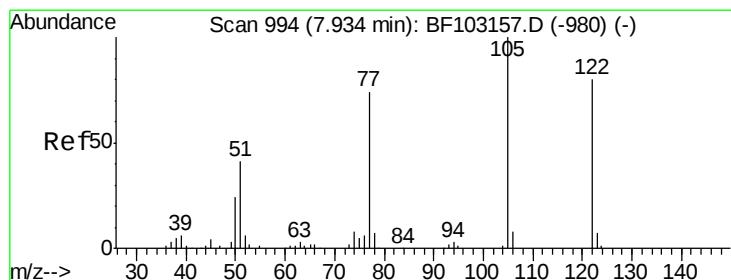
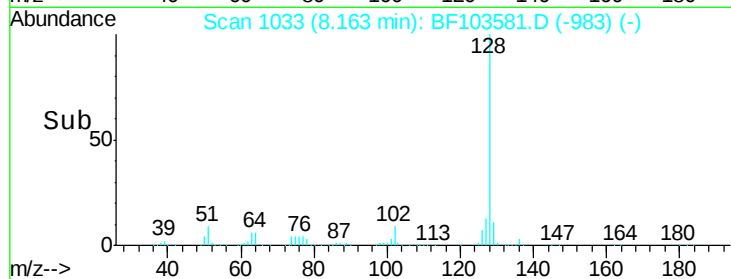
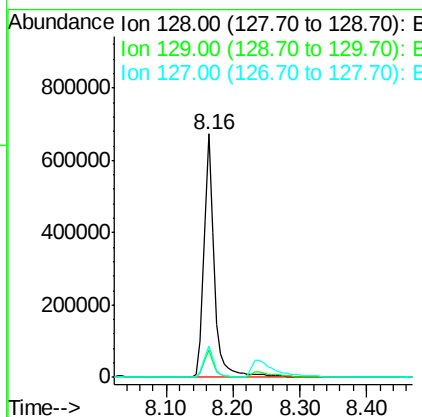
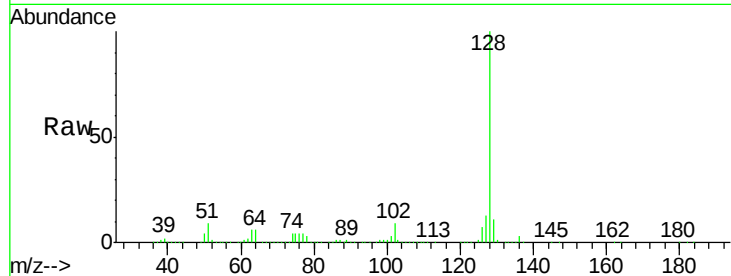
#31
Naphthalene
Concen: 28.305 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3

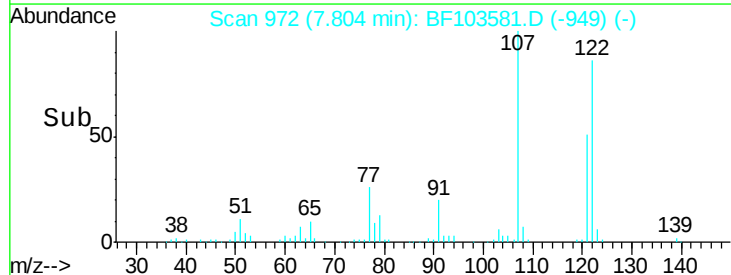
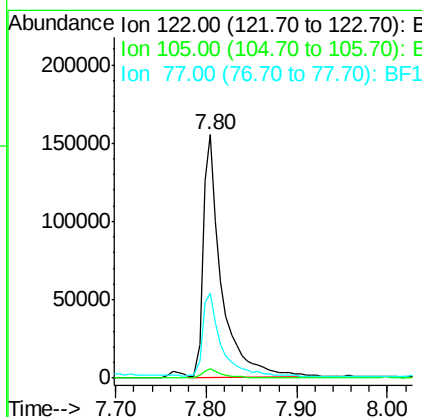
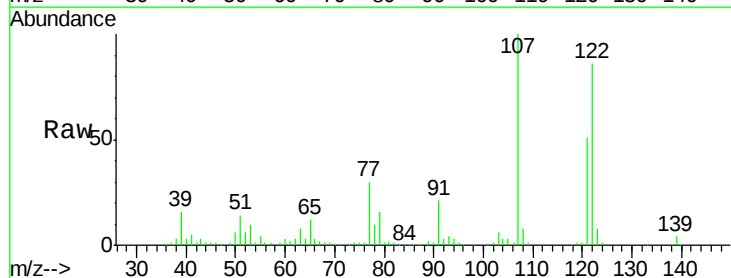
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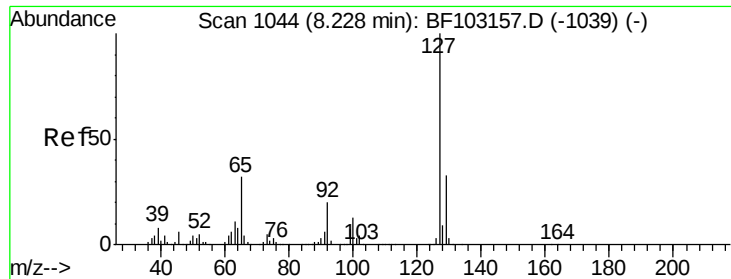
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#32
Benzoic acid
Concen: 42.090 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.16 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	101.1	141.1#
77	35.0	70.7	110.7#





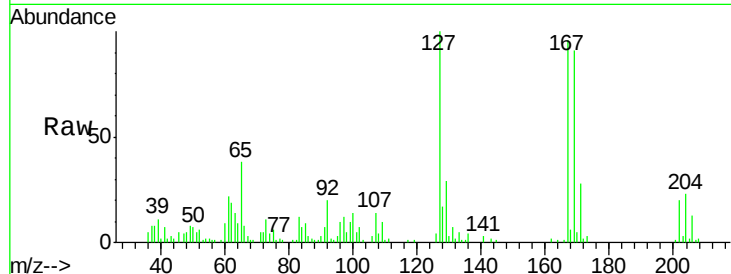
#33
 4-Chloroaniline
 Concen: 10.579 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

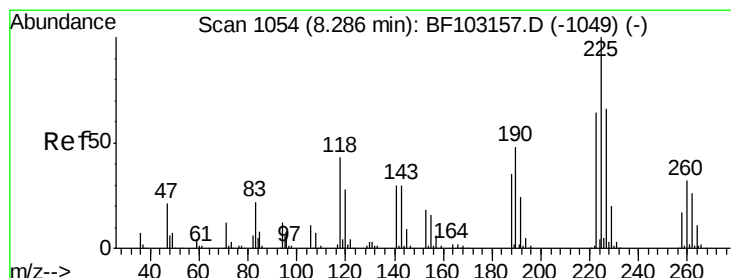
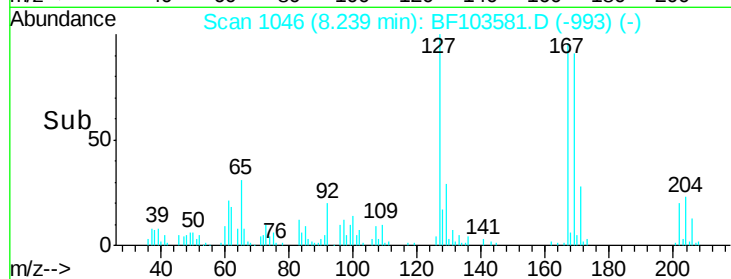
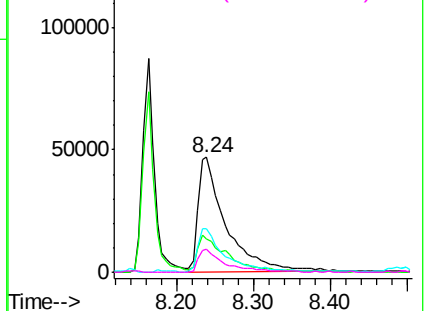
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.1	25.9	38.9	
65	37.5	25.0	37.4	
92	19.6	15.2	22.8	

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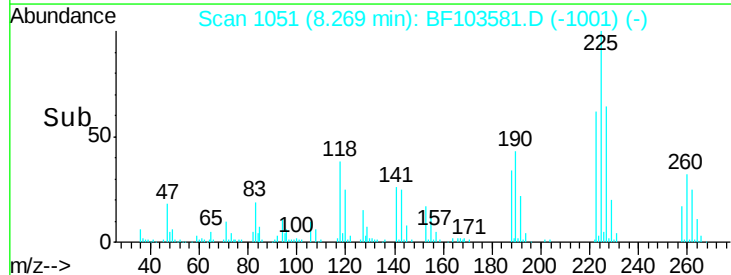
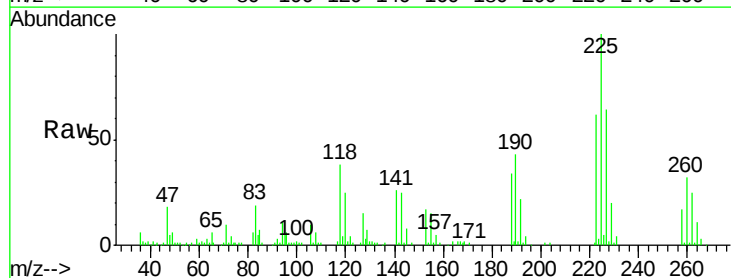
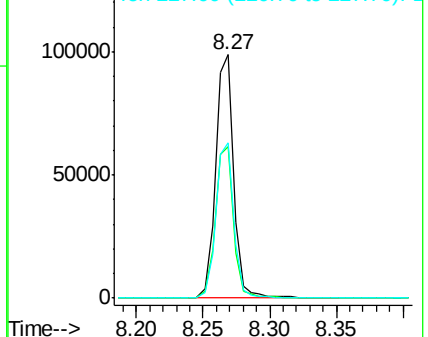
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 24.697 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	63.5	51.9	77.9	

Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.069 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

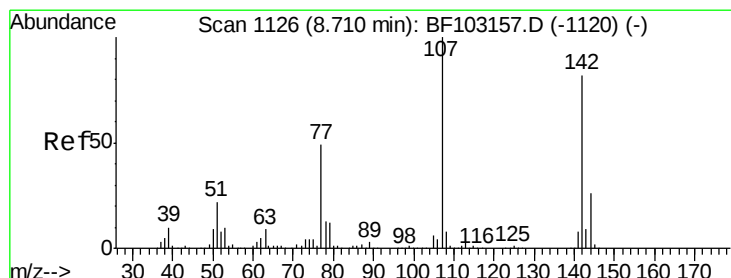
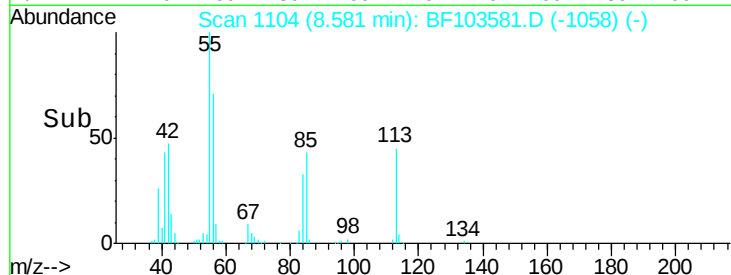
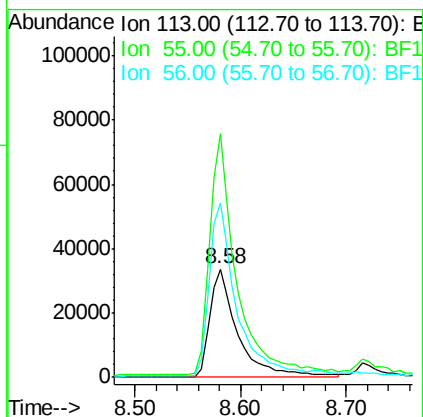
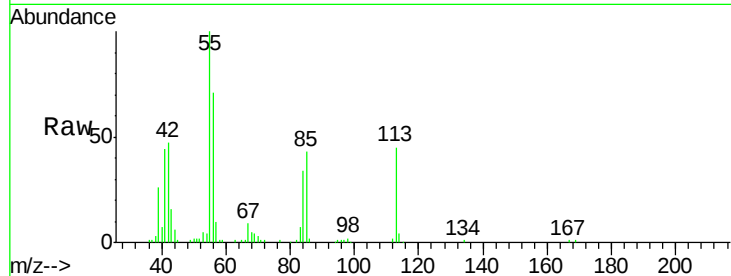
ClientSampleId :

SB-07-08-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	224.5	163.3	203.3#		
56	160.5	115.7	155.7#		

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#36

4-Chloro-3-methylphenol

Concen: 28.736 ng

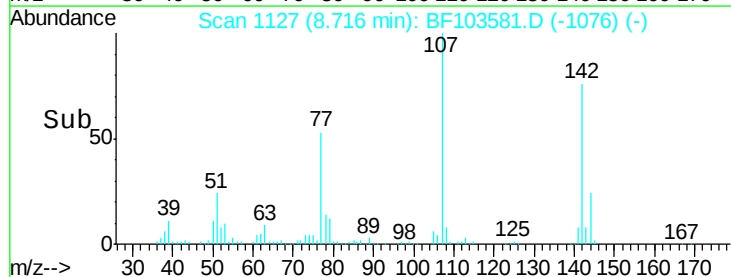
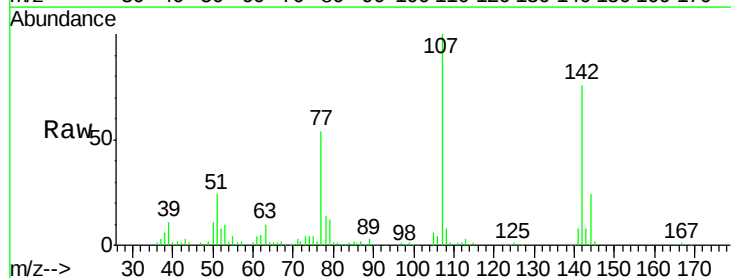
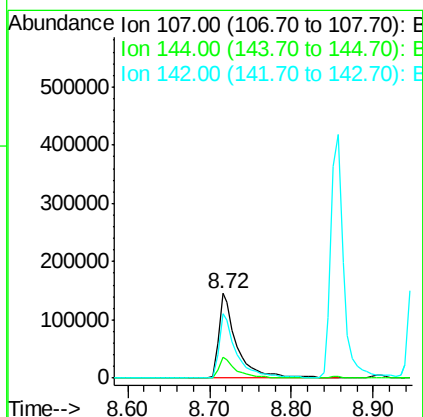
RT: 8.72 min Scan# 1127

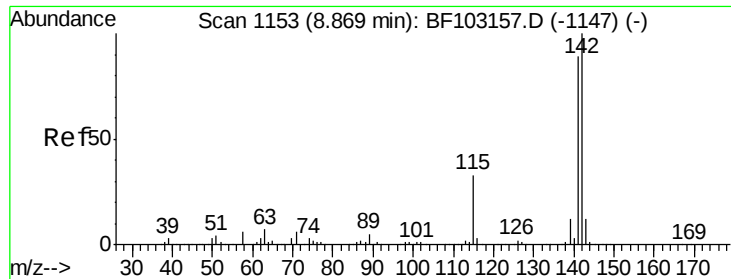
Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.3	20.5	30.7		
142	75.5	62.0	93.0		





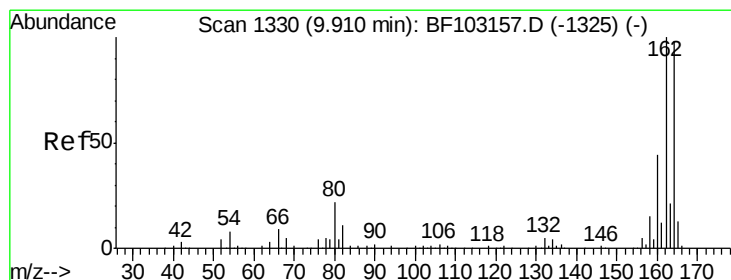
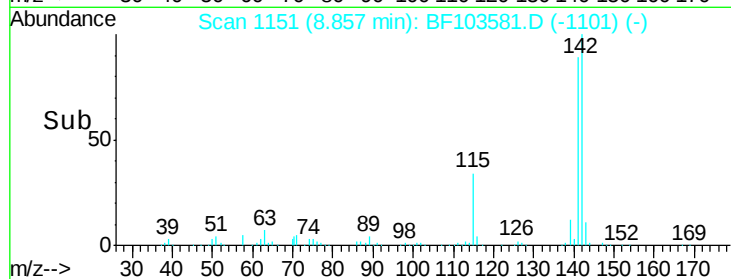
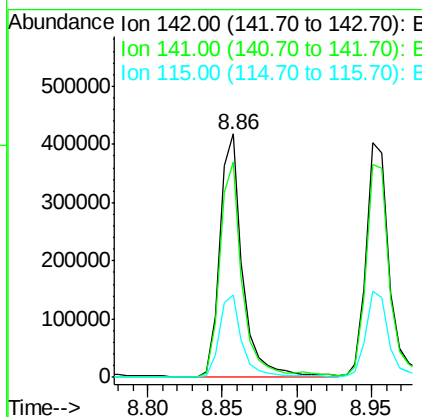
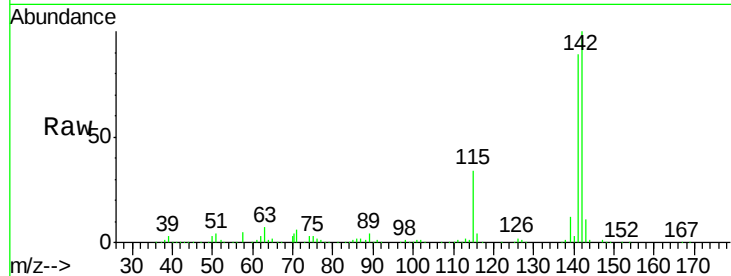
#37
2-Methylnaphthalene
Concen: 27.212 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.0	26.1	39.1

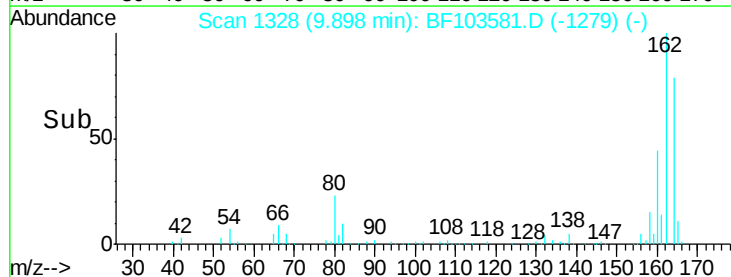
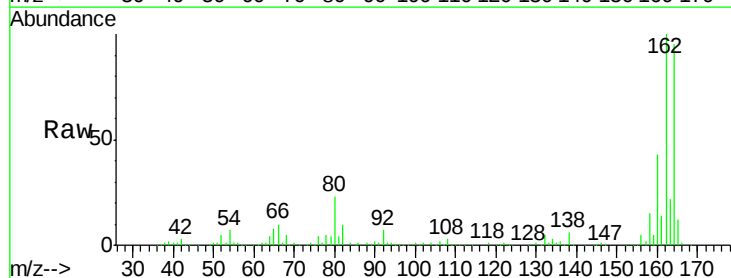
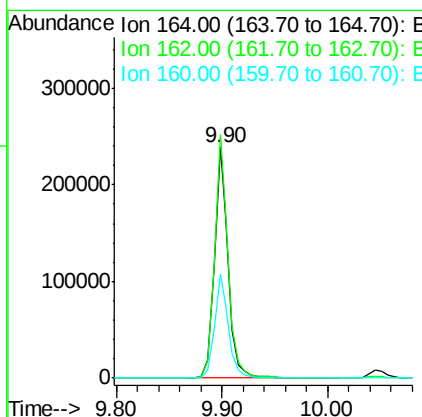
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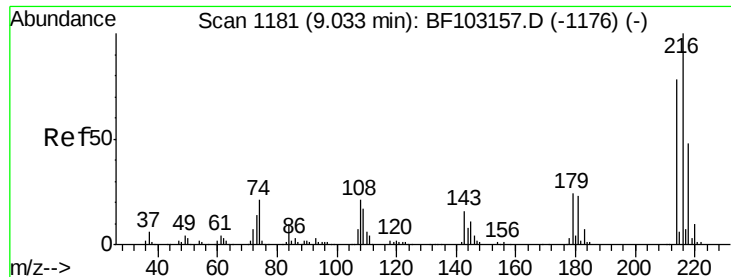
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.4	38.3	57.5





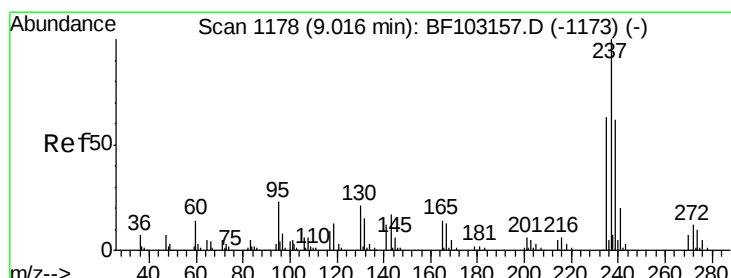
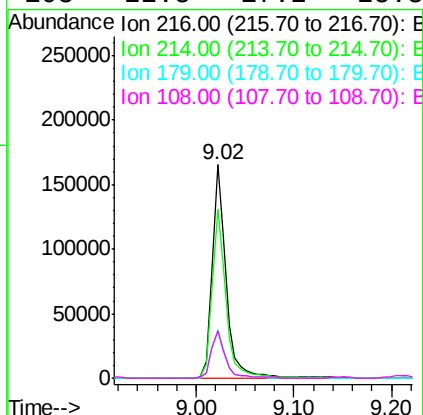
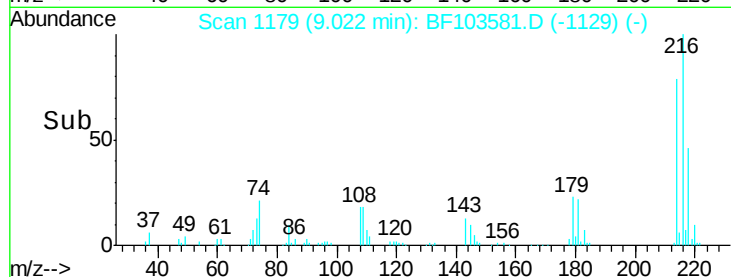
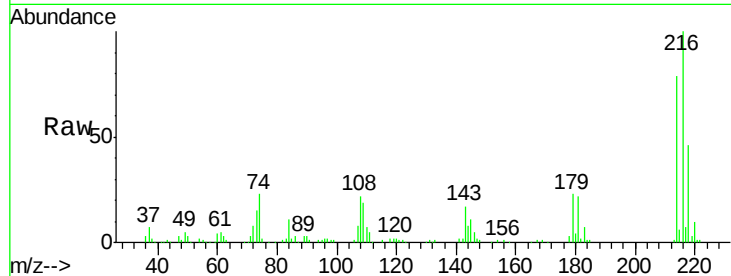
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.329 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.0	18.1	27.1
108	22.8	17.2	25.8

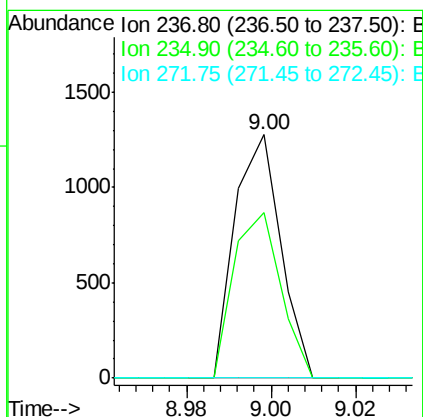
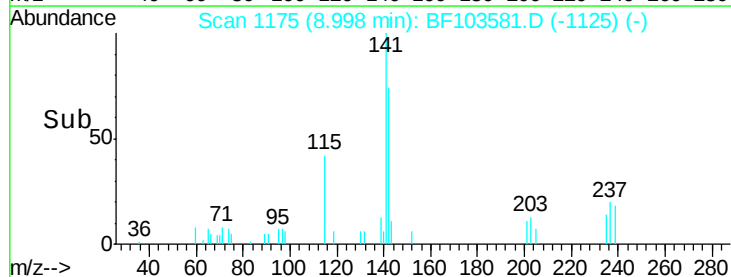
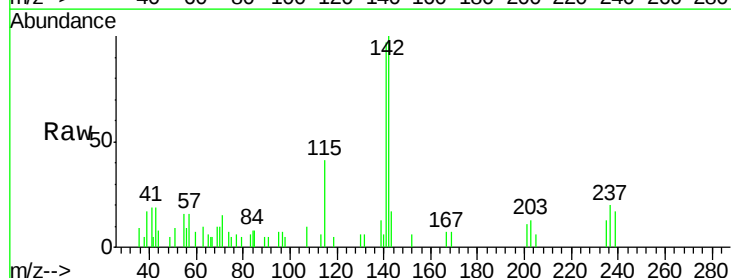
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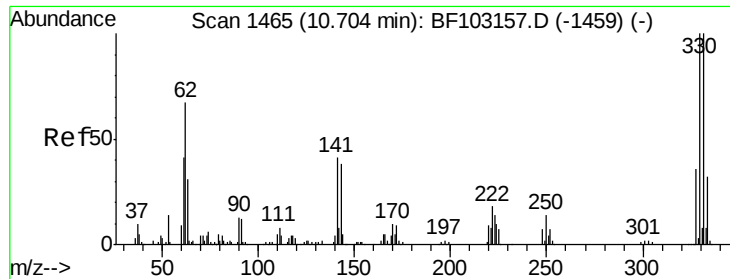
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#40
 Hexachlorocyclopentadiene
 Concen: 9.285 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.9	44.8	84.8
272	0.0	0.0	33.3





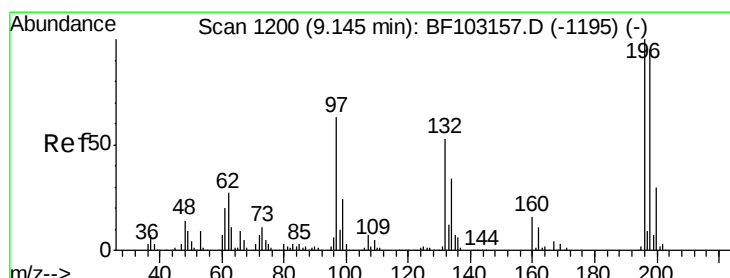
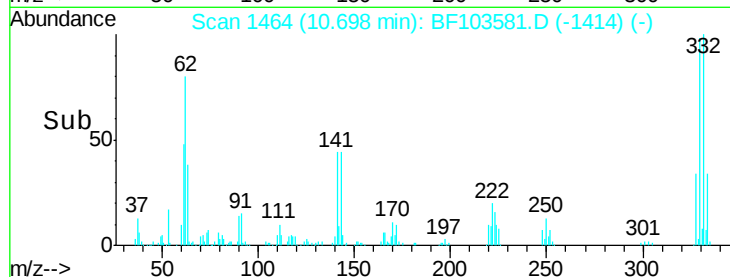
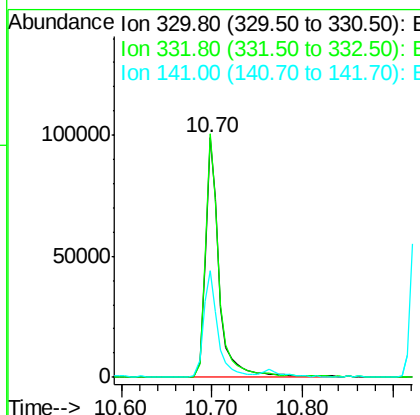
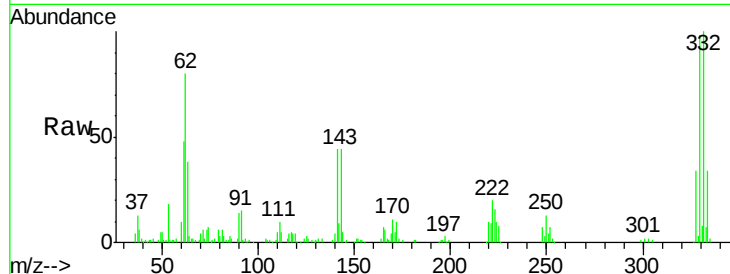
#41
 2,4,6-Tribromophenol
 Concen: 57.749 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.8	77.0	115.6	
141	45.1	29.9	44.9	

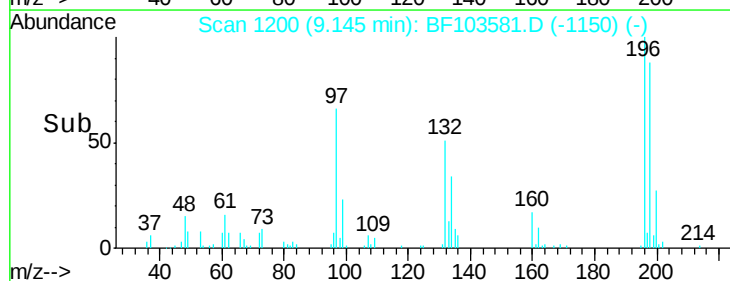
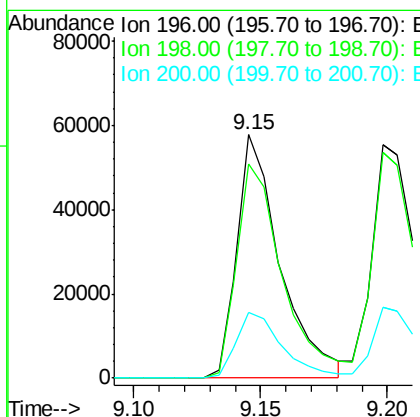
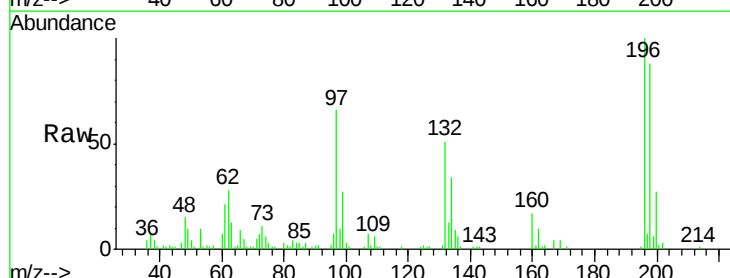
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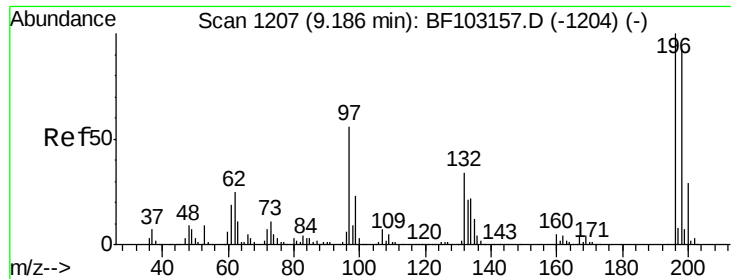
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 16.937 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	88.2	75.7	113.5	
200	27.0	24.5	36.7	





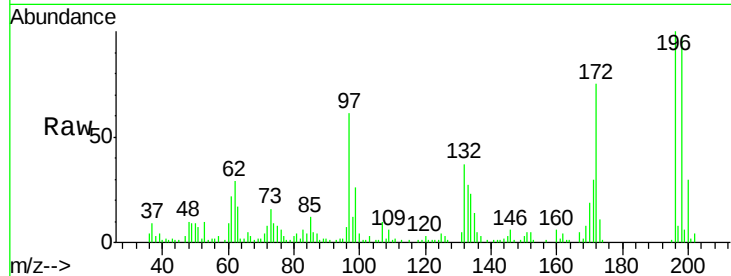
#43
 2,4,5-Trichlorophenol
 Concen: 20.184 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

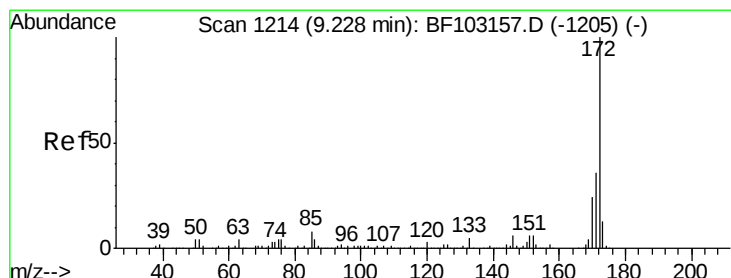
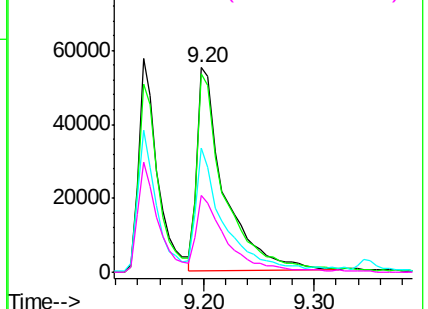
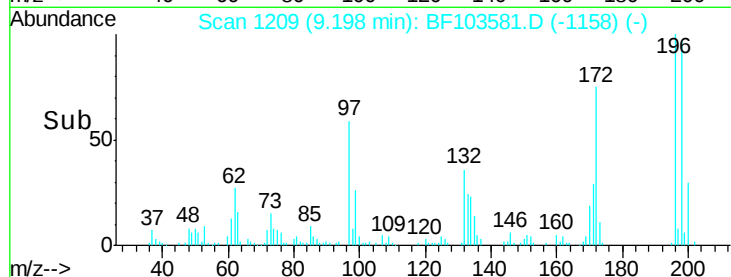
Tot Ion:	196	Resp:	93797
Ion Ratio	Lower	Upper	
196	100		
198	97.1	74.6	112.0
97	61.1	42.9	64.3
132	37.5	26.3	39.5

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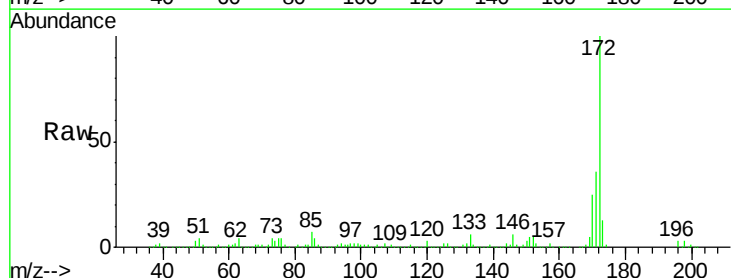


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

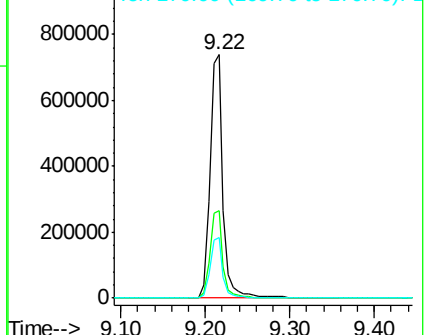
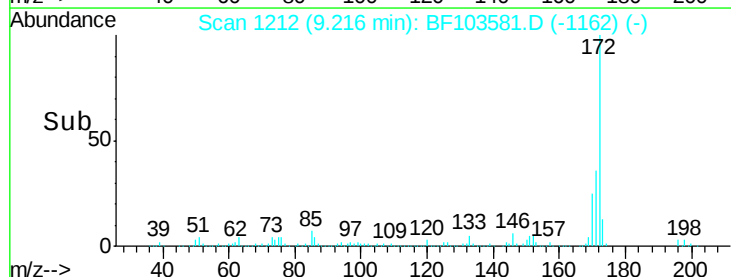


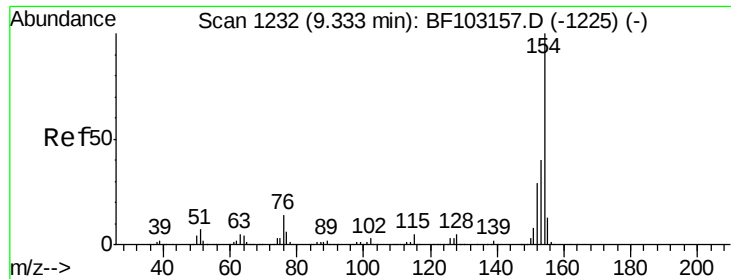
#44
 2-Fluorobiphenyl
 Concen: 57.619 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion:	172	Resp:	795092
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.7	19.6	29.4



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





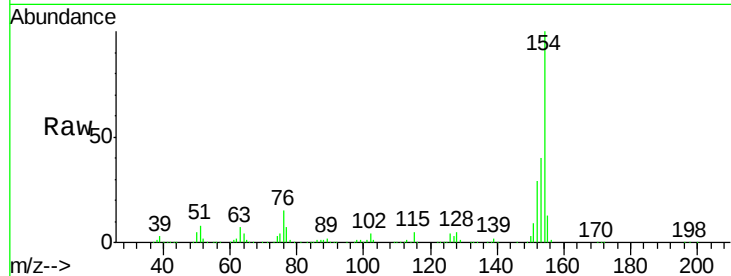
#45
 1,1'-Biphenyl
 Concen: 27.405 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

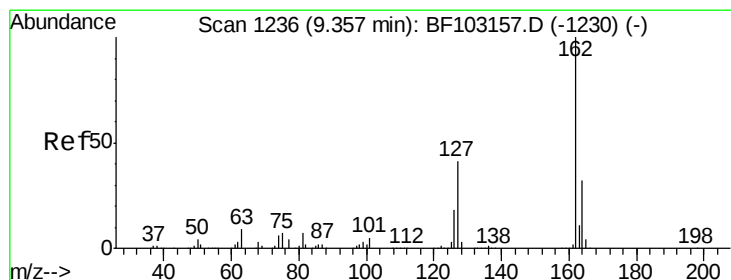
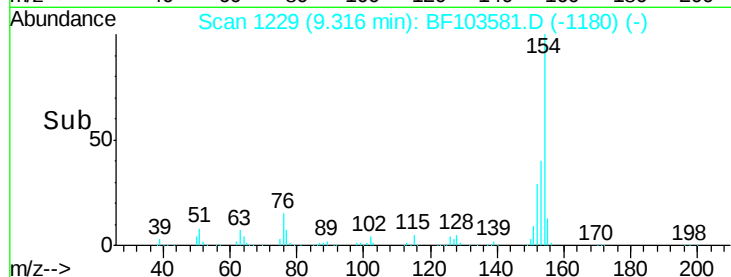
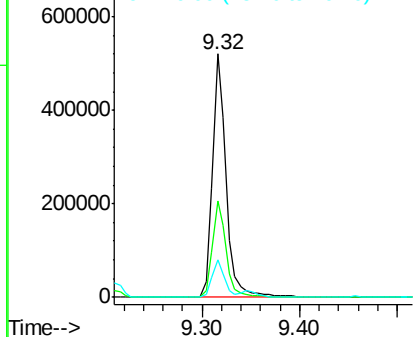
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	21.3	61.3	
76	15.2	0.0	34.0	

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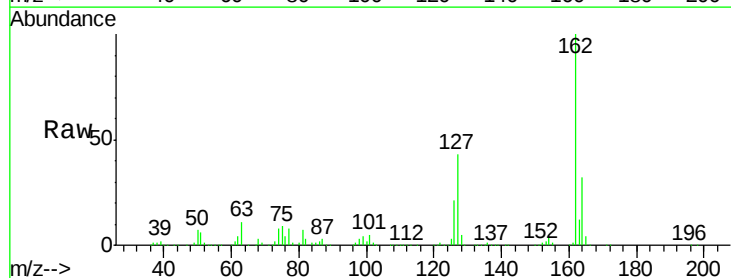


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

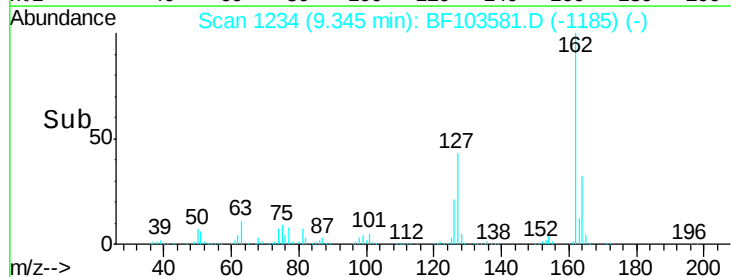
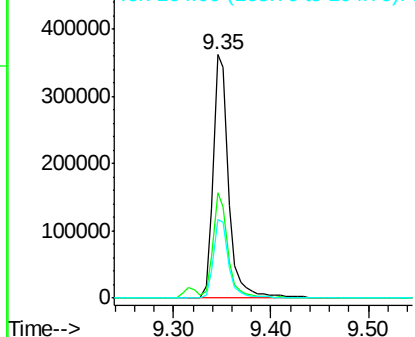


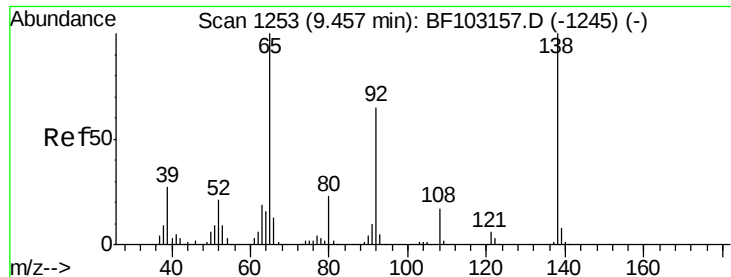
#46
 2-Chloronaphthalene
 Concen: 27.495 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.1	33.9	50.9	
164	32.0	26.5	39.7	



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





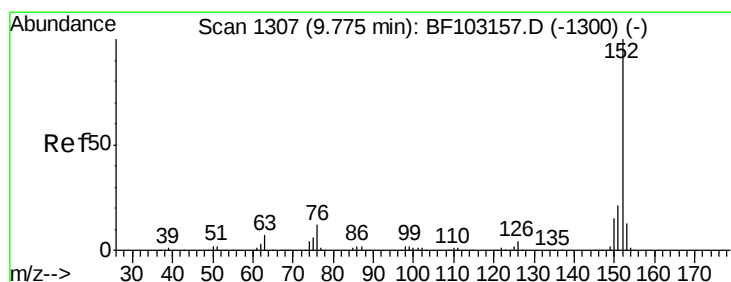
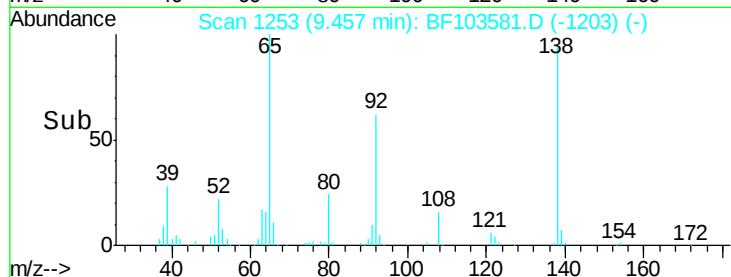
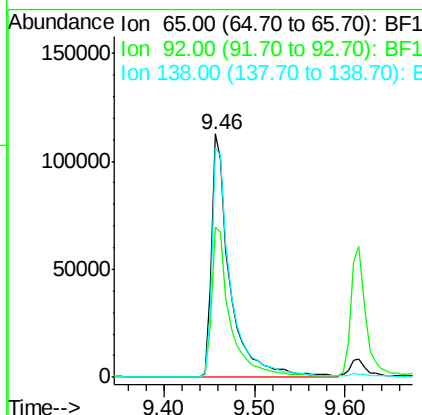
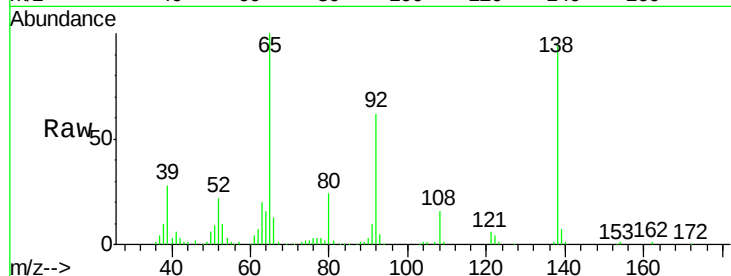
#47
2-Nitroaniline
Concen: 29.291 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	55.8	83.6
138	94.1	91.2	136.8

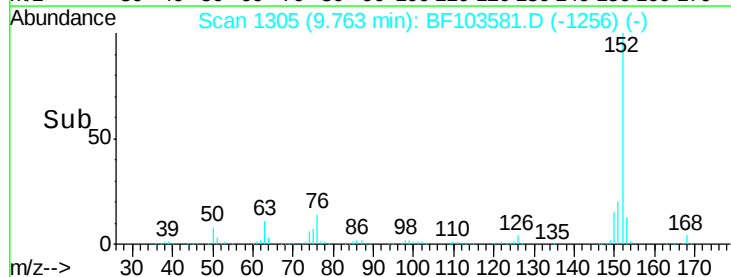
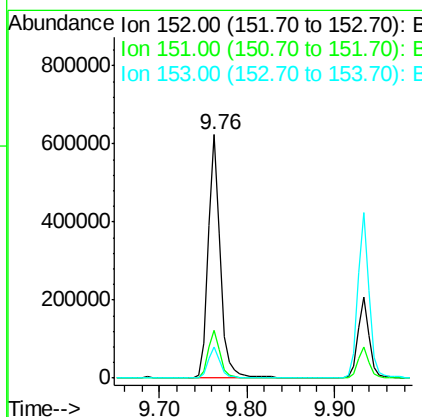
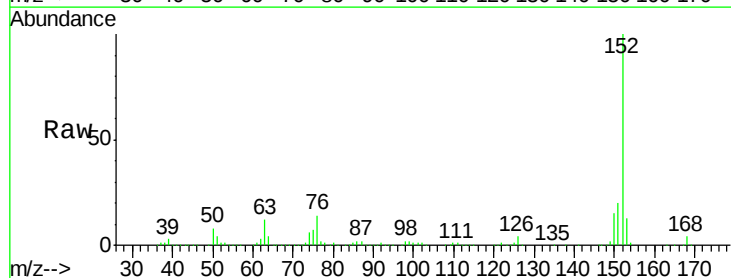
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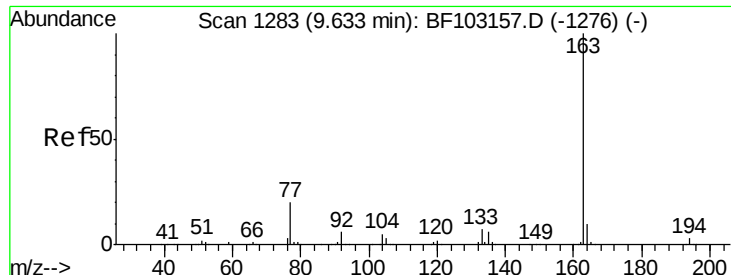
Sohil
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#48
Acenaphthylene
Concen: 26.967 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.8	10.7	16.1





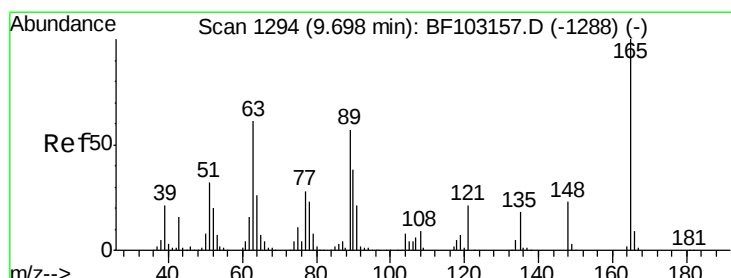
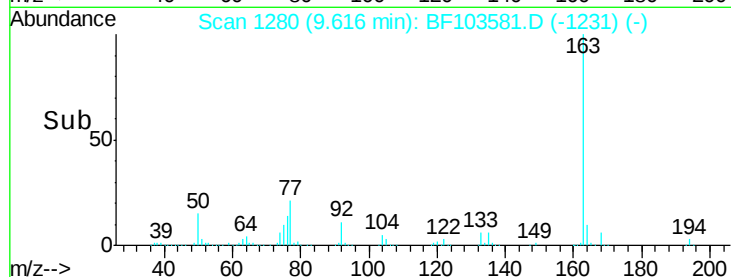
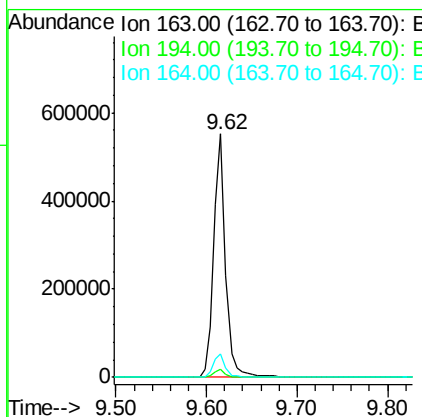
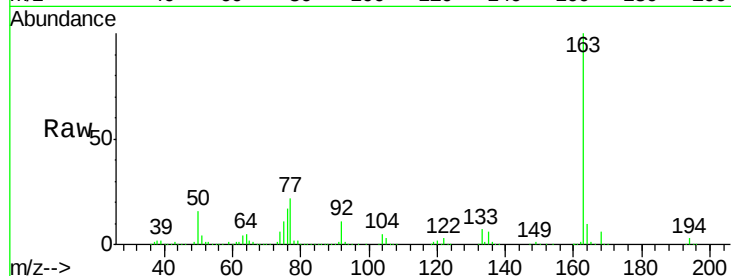
#49
Dimethylphthalate
Concen: 28.911 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	9.7	8.2	12.2	

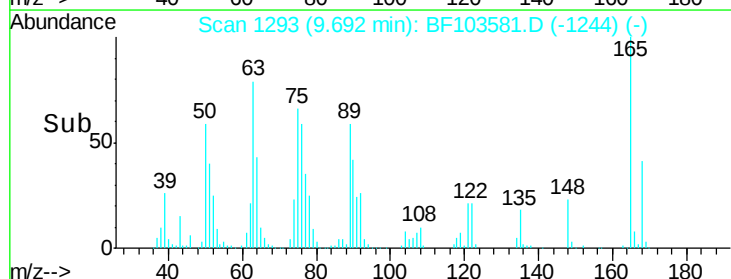
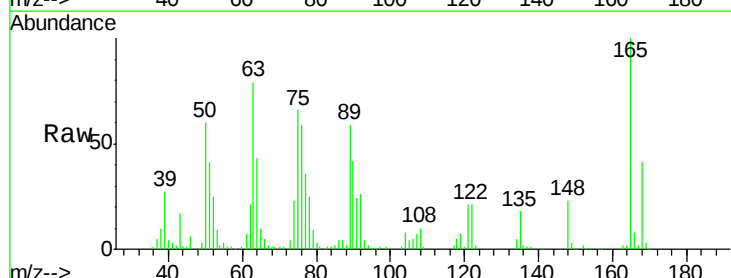
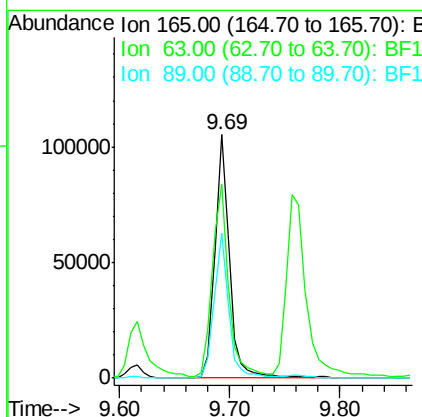
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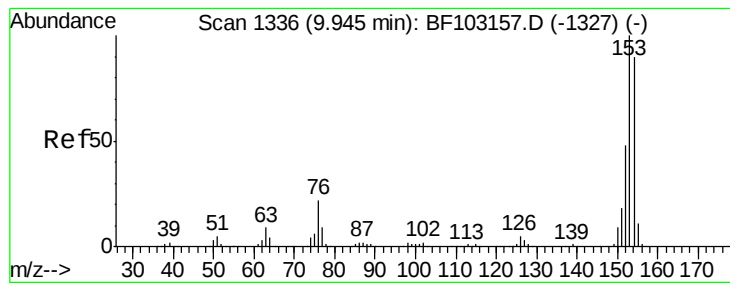
Sohil
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#50
2,6-Dinitrotoluene
Concen: 26.070 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	79.4	44.7	67.1	#
89	59.4	44.0	66.0	





#51

Acenaphthene

Concen: 26.448 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

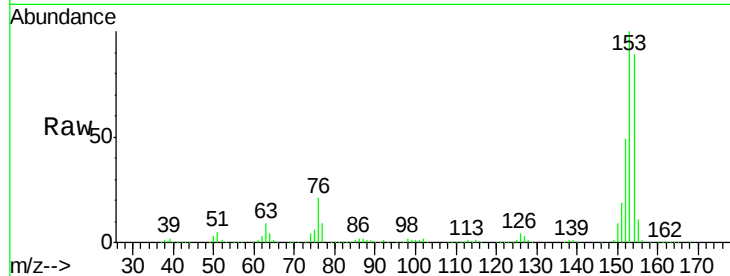
ClientSampleId :

SB-07-08-10MSD

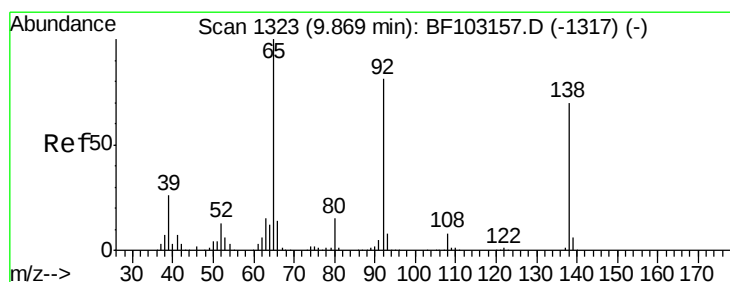
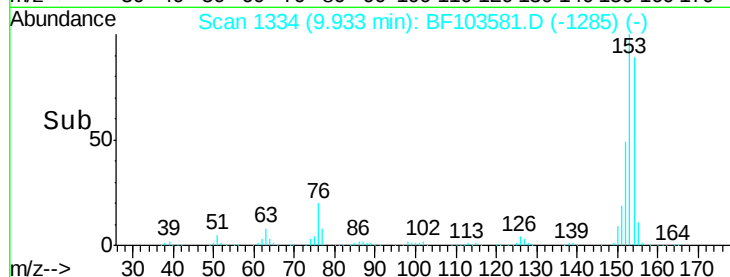
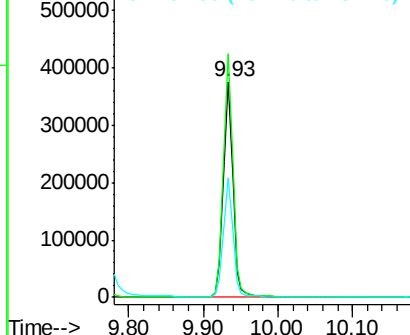
Tot Ion:	154	Resp:	345506
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	55.2	43.8	65.8

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: 19.046 ng

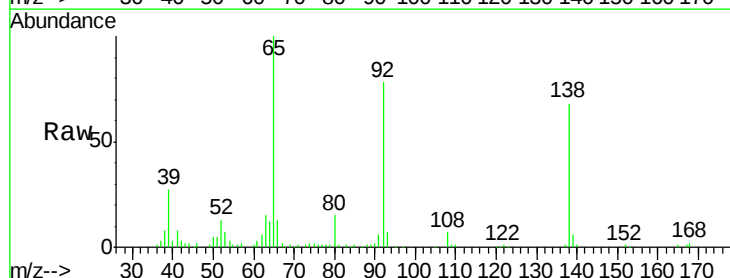
RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

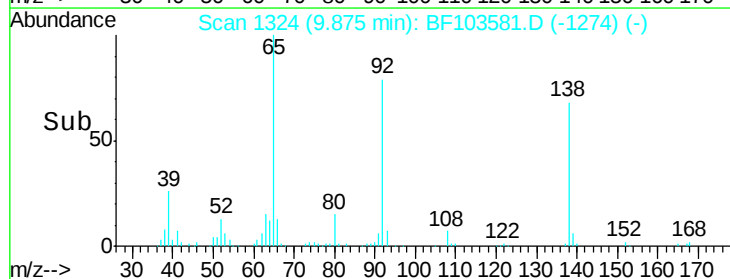
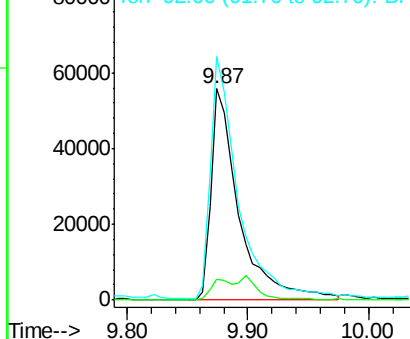
Lab File: BF103581.D

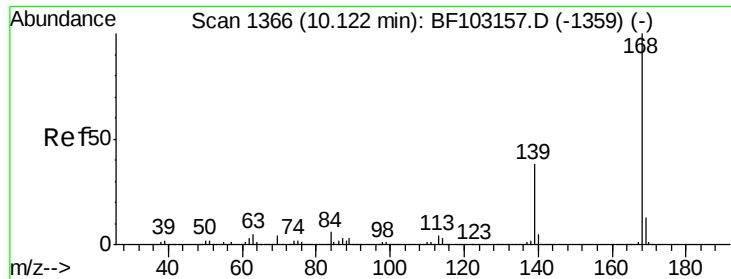
Acq: 12 Mar 2018 14:53

Tgt Ion:	138	Resp:	89349
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	115.2	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





#54

Dibenzofuran

Concen: 28.524 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

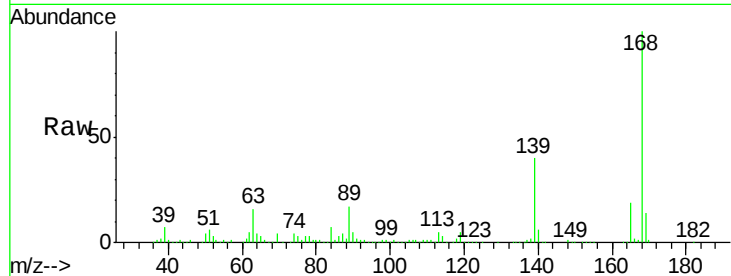
ClientSampleId :

SB-07-08-10MSD

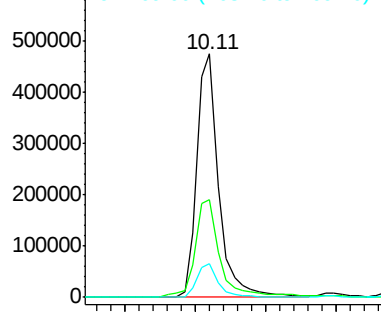
Tot Ion:	168	Resp:	511529
Ion Ratio	Lower	Upper	
168	100		
139	40.2	30.1	45.1
169	13.6	10.9	16.3

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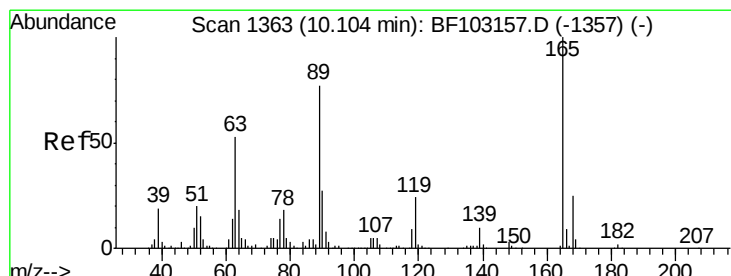
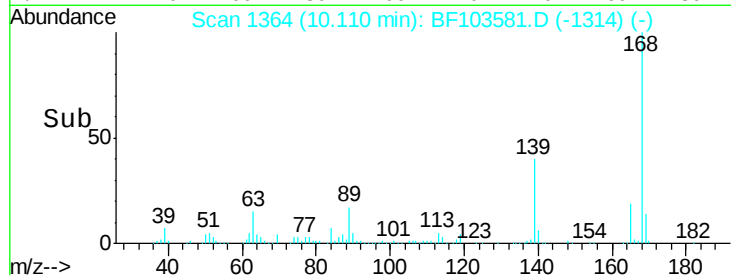
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



Time-->



#56

2,4-Dinitrotoluene

Concen: 25.274 ng

RT: 10.11 min Scan# 1364

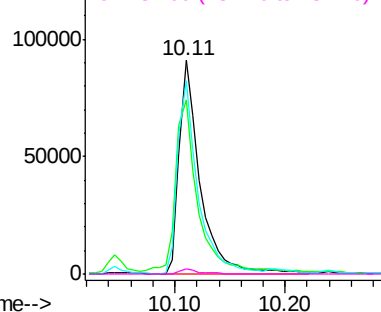
Delta R.T. -0.01 min

Lab File: BF103581.D

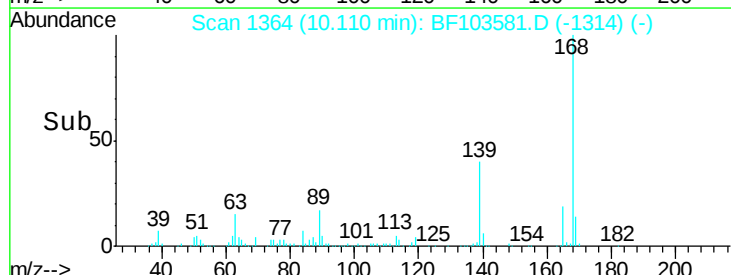
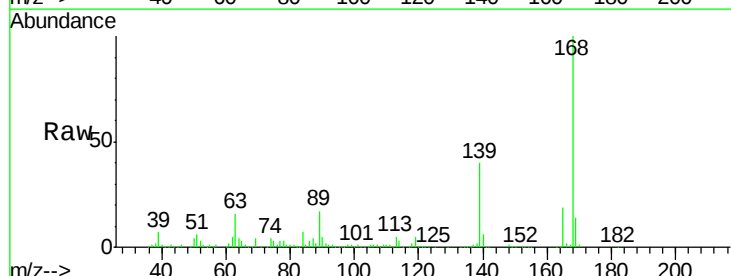
Acq: 12 Mar 2018 14:53

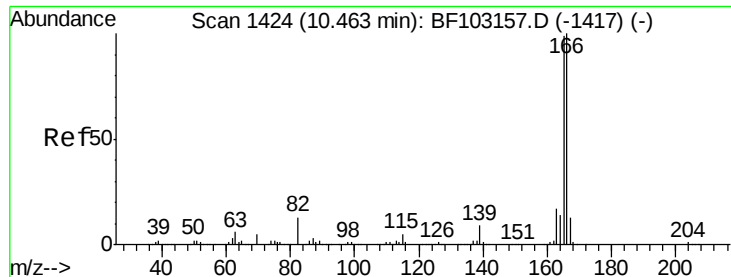
Tgt Ion:	165	Resp:	118192
Ion Ratio	Lower	Upper	
165	100		
63	81.6	36.4	54.6#
89	90.5	57.8	86.6#
182	2.4	1.6	2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time-->





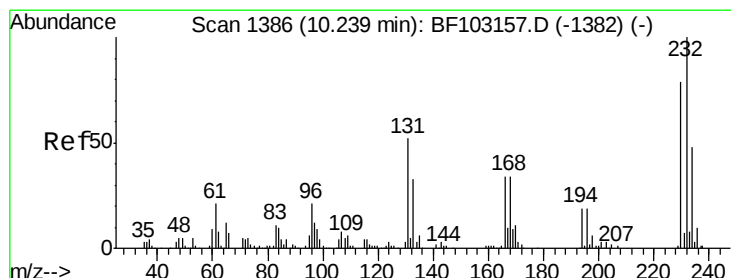
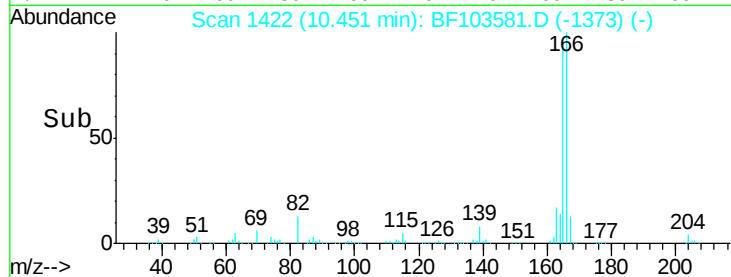
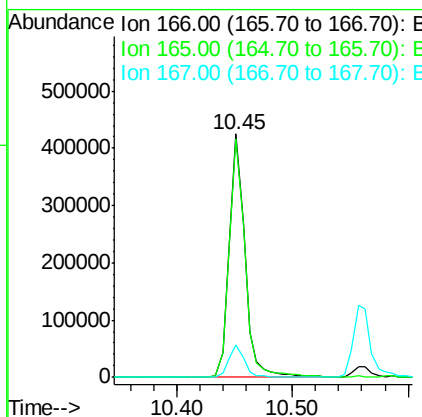
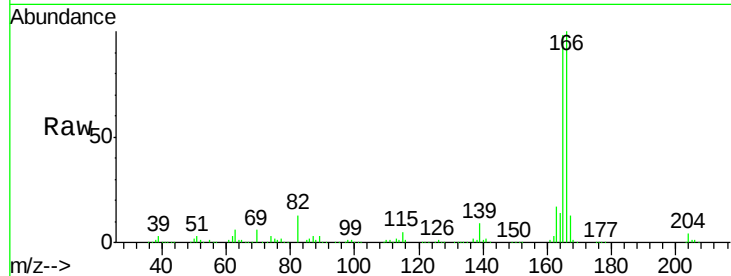
#57
Fluorene
 Concen: 26.413 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	79.8	119.8	
167	13.2	10.6	16.0	

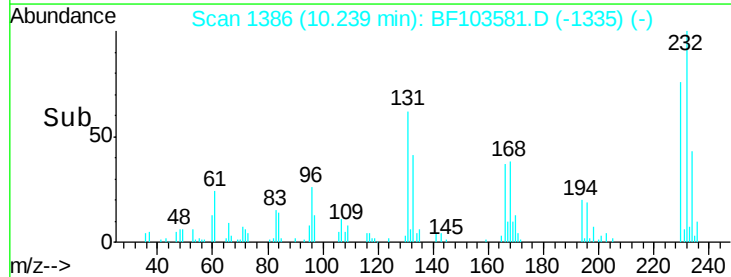
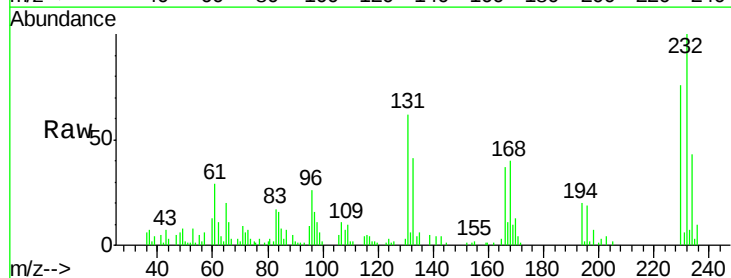
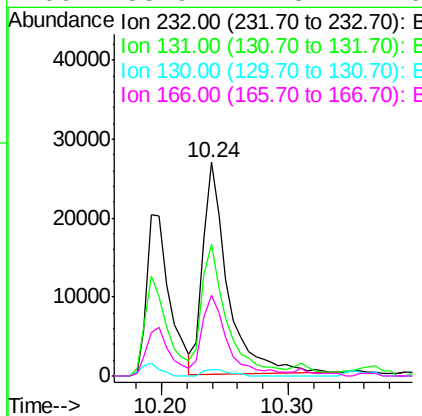
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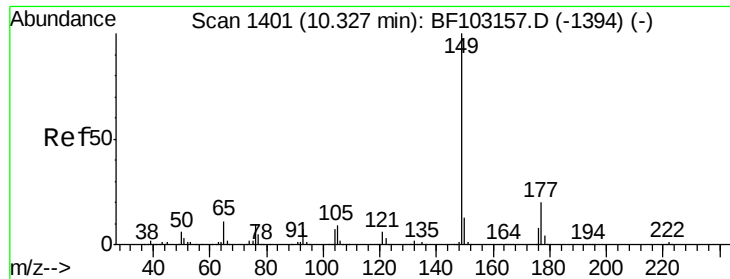
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 11.683 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	64.5	43.8	65.8	
130	3.3	2.1	3.1#	
166	33.9	27.8	41.6	





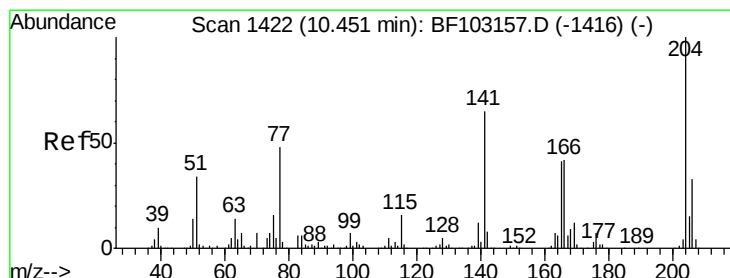
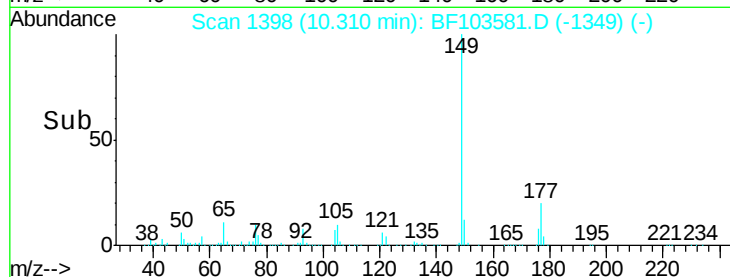
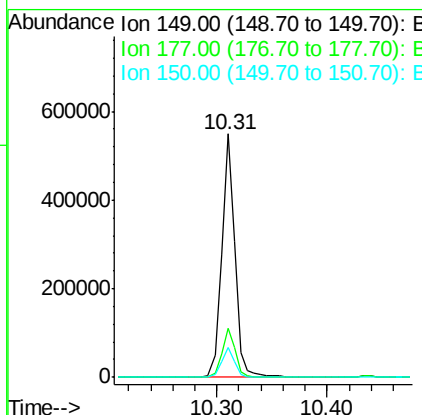
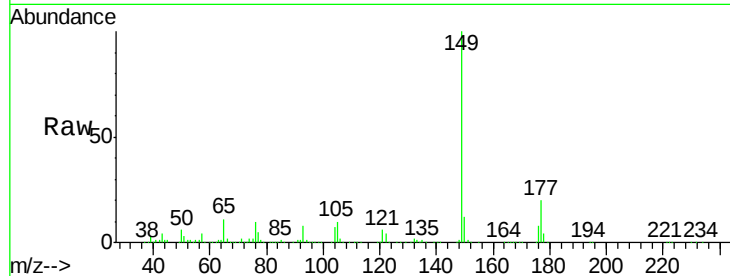
#59
Diethylphthalate
Concen: 27.094 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	456596		
177	20.1	16.1	24.1	
150	12.0	10.1	15.1	

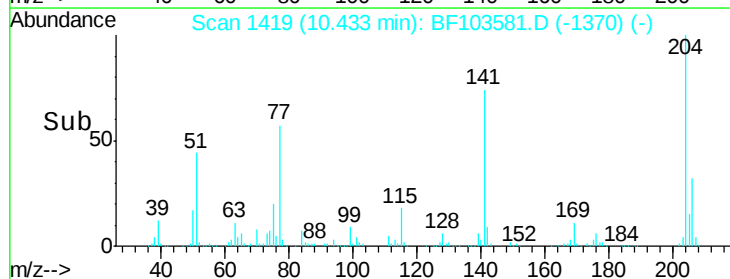
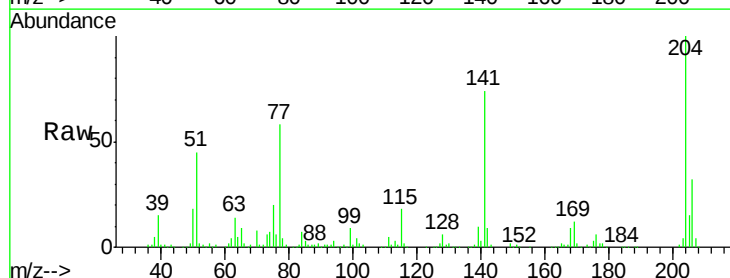
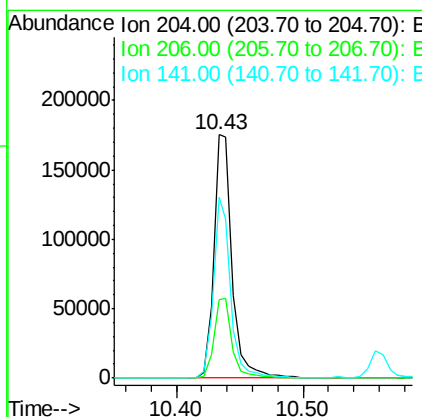
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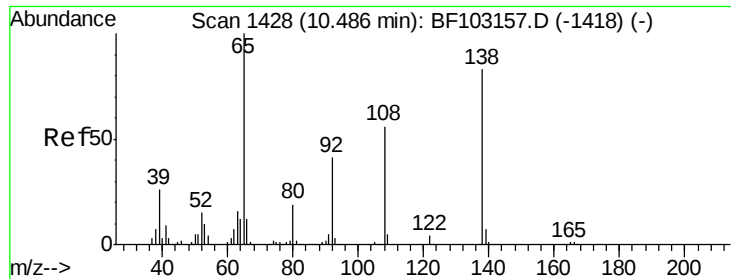
Sohil
3/13/2018 4:13:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 27.644 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	179084		
206	32.0	26.5	39.7	
141	74.4	54.6	81.8	





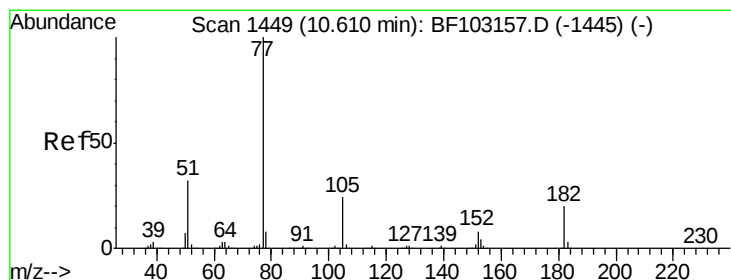
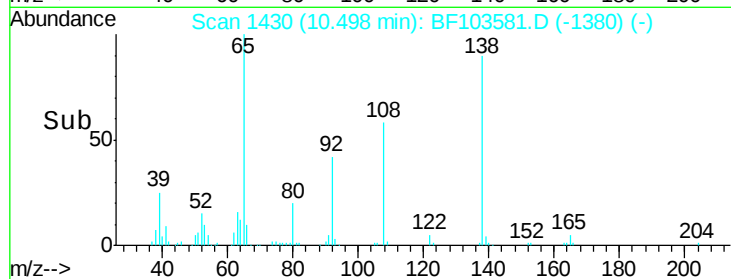
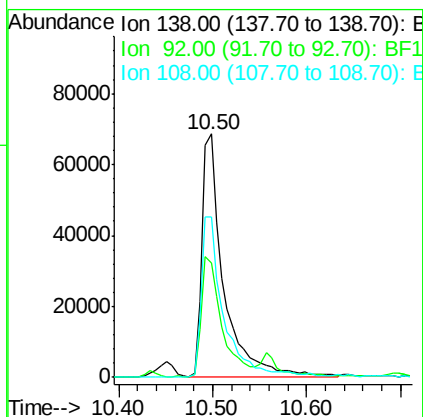
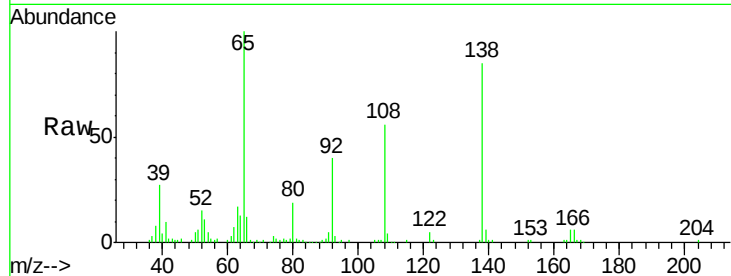
#61
4-Nitroaniline
Concen: 23.742 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	65.8	52.5	92.5

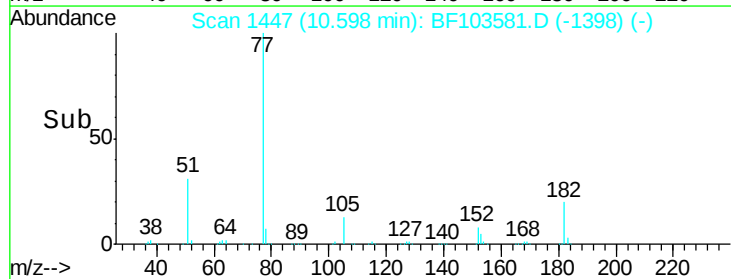
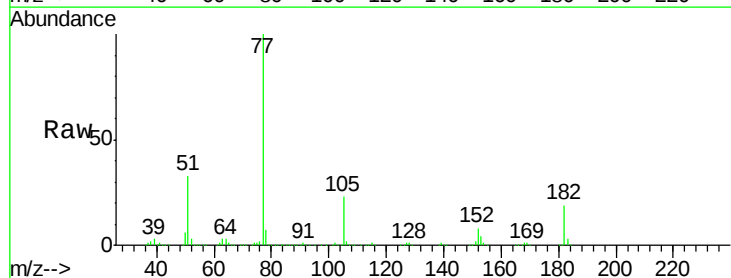
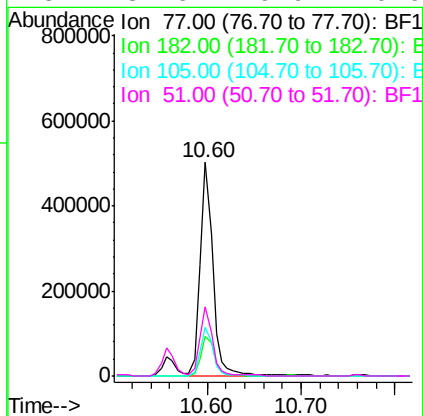
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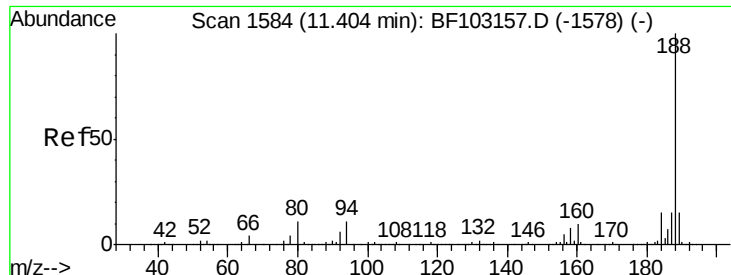
Sohil
3/13/2018 4:13:02 PM



#62
Azobenzene
Concen: 27.443 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	1.7	41.7
105	22.8	3.0	43.0
51	32.6	9.9	49.9





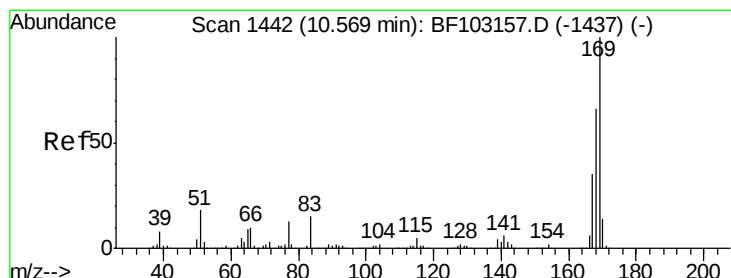
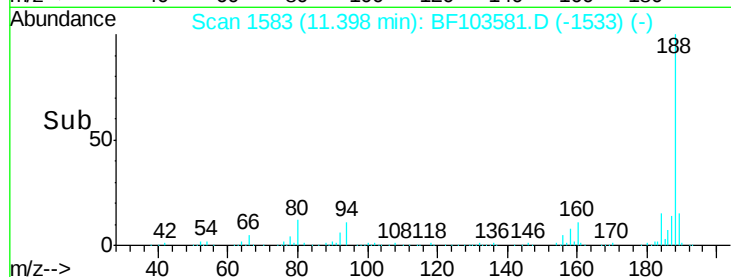
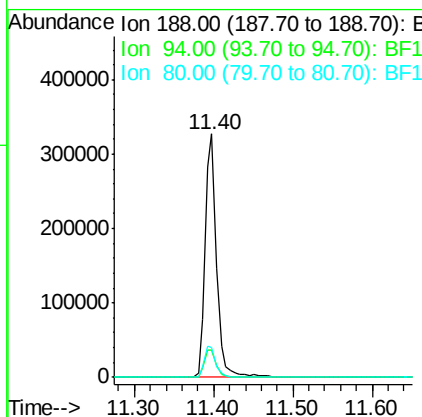
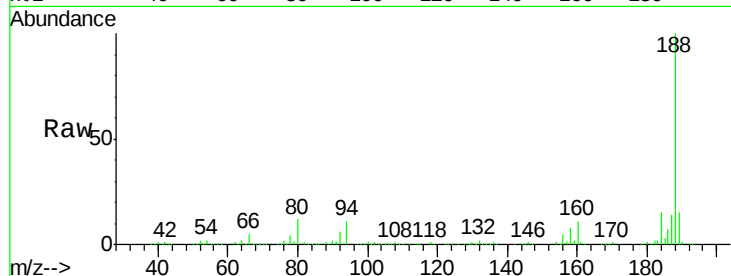
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	332399		
94	11.3		8.5	12.7
80	12.3		9.2	13.8

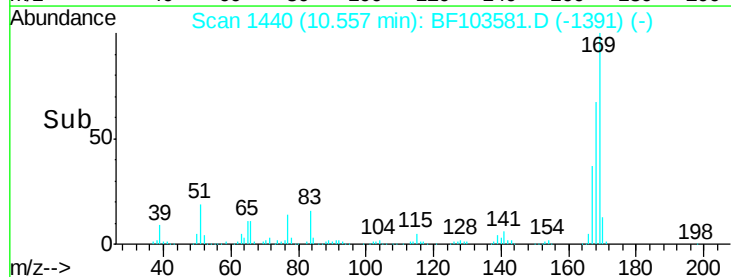
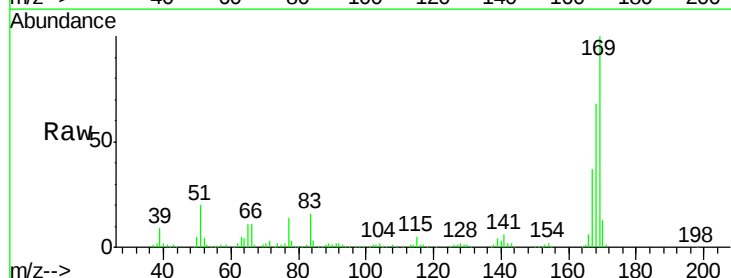
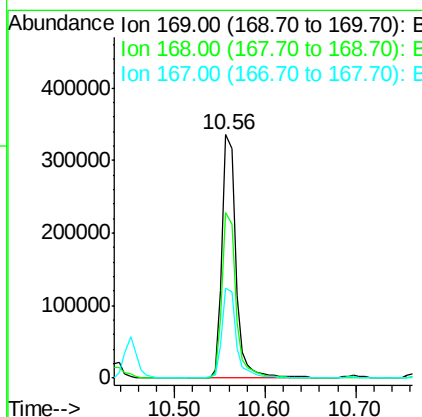
Manual Integrations
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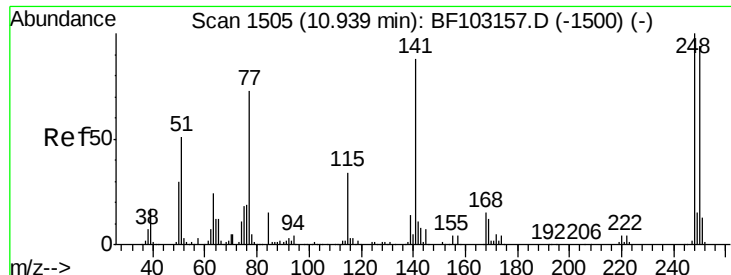
Sohil
3/13/2018 4:13:02 PM



#65
n-Nitrosodiphenylamine
Concen: 30.612 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	354288		
168	67.9		54.4	81.6
167	37.2		29.8	44.6





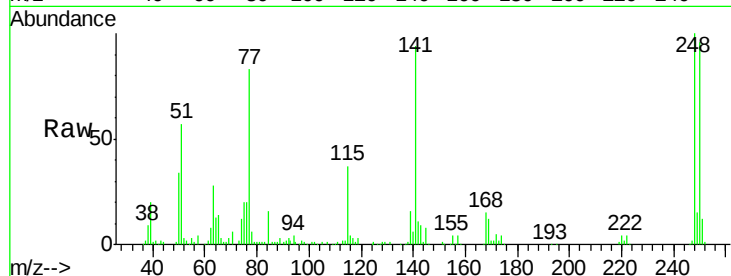
#66
4-Bromophenyl-phenylether
Concen: 28.611 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

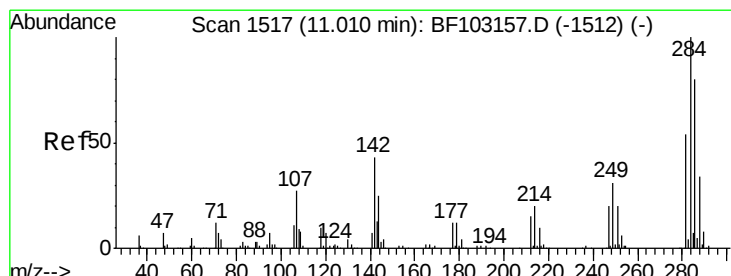
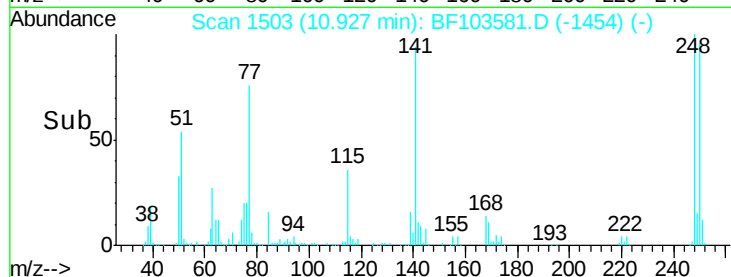
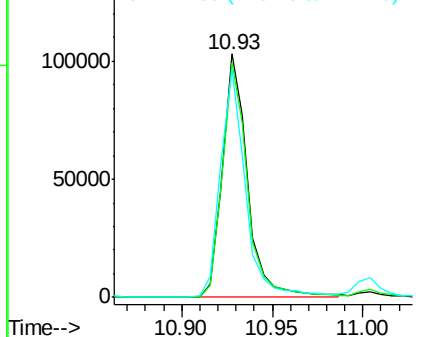
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	93.7	74.4	111.6

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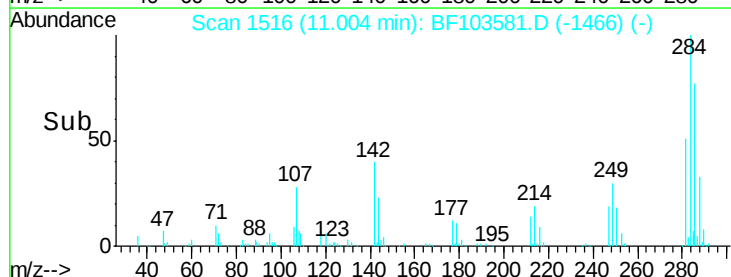
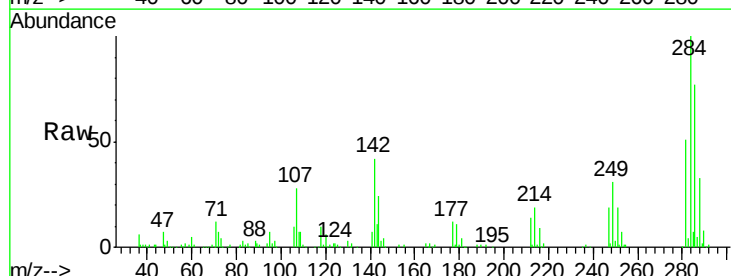
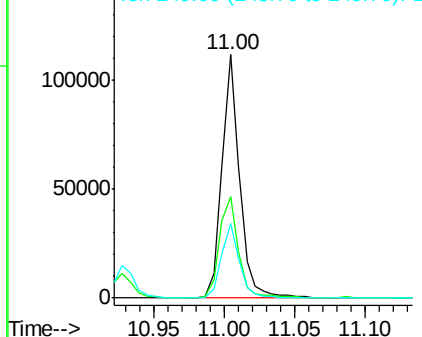
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

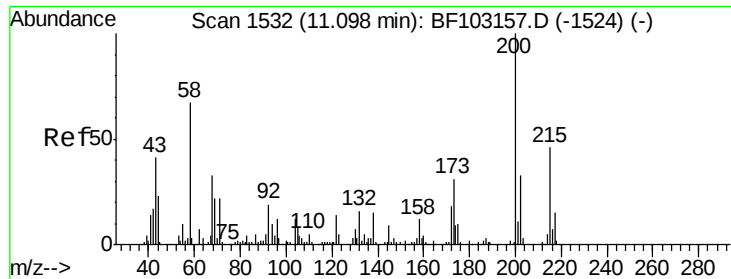


#67
Hexachlorobenzene
Concen: 25.910 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	34.6	52.0
249	30.6	24.8	37.2

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





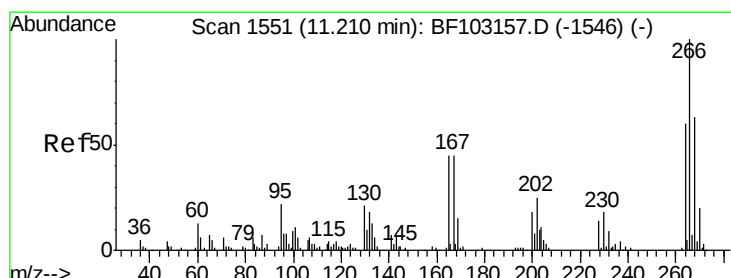
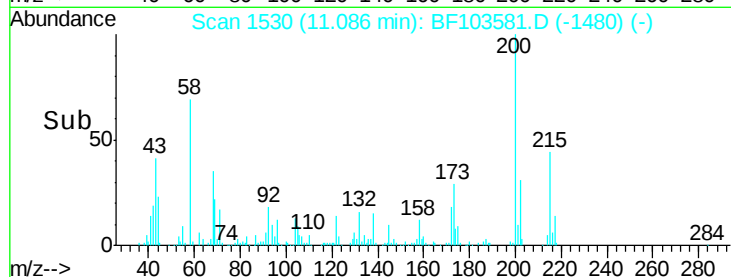
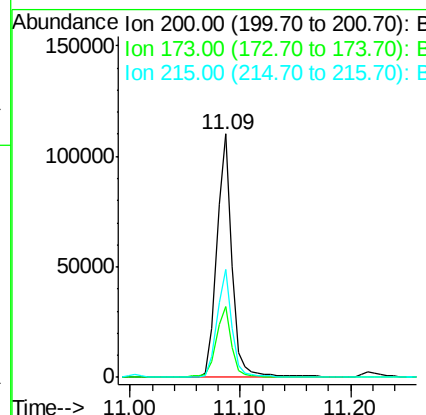
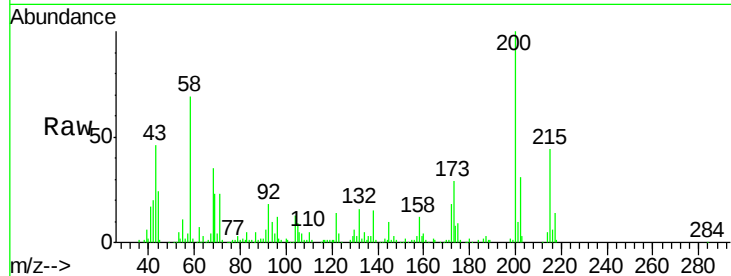
#68
Atrazine
Concen: 29.579 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	8.6	48.6
215	44.1	25.1	65.1

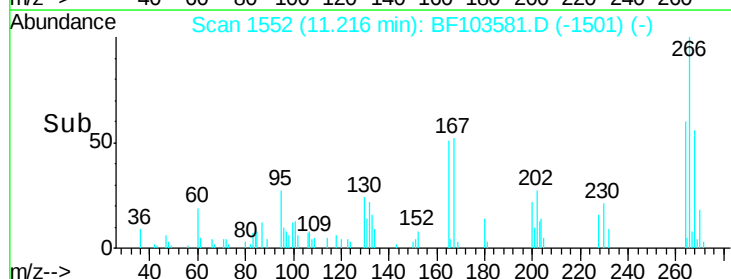
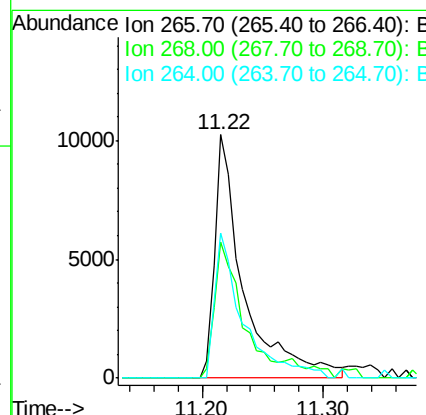
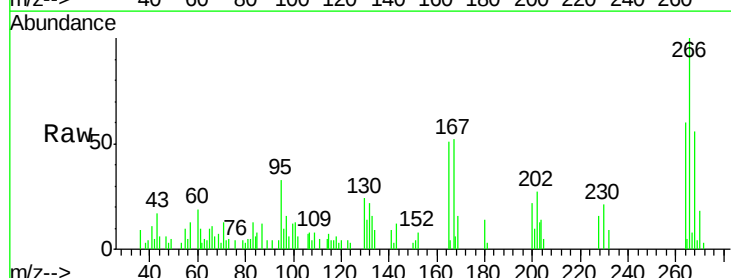
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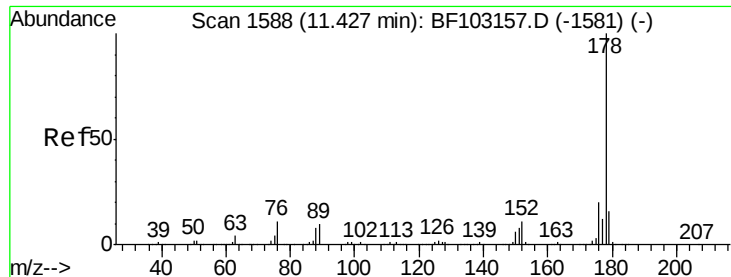
Sohil
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#69
Pentachlorophenol
Concen: 9.384 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	55.9	51.1	76.7
264	64.3	49.5	74.3





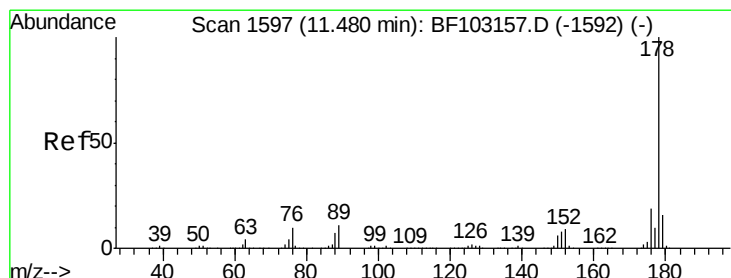
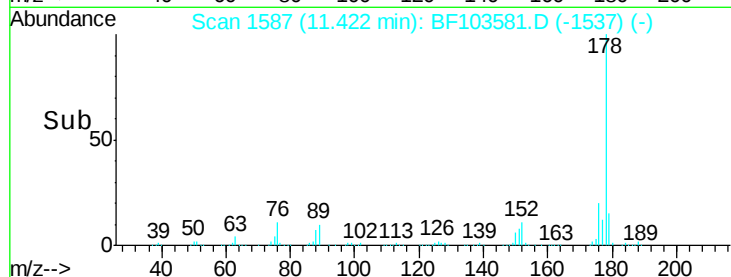
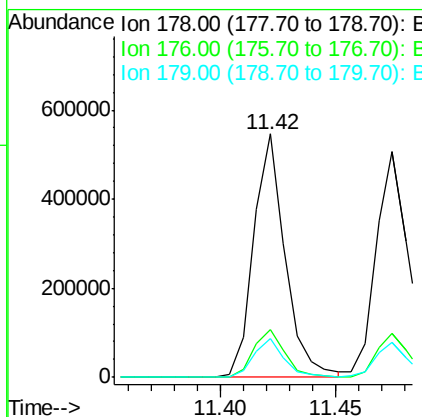
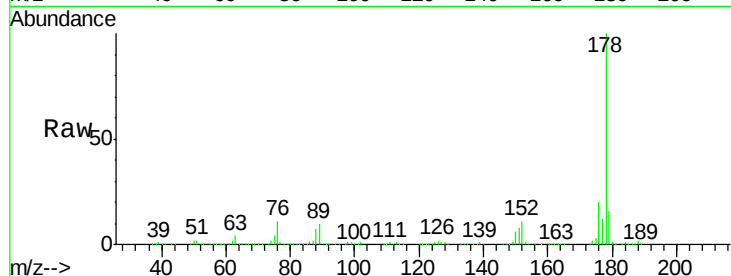
#70
Phenanthrene
Concen: 28.610 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6

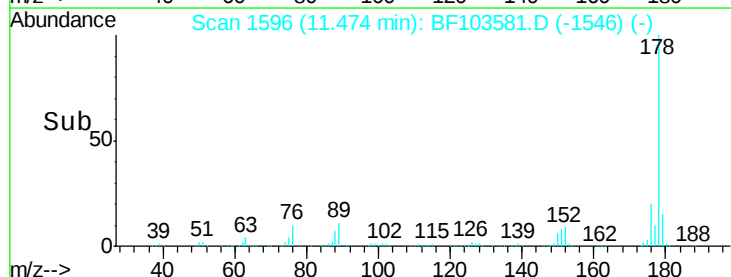
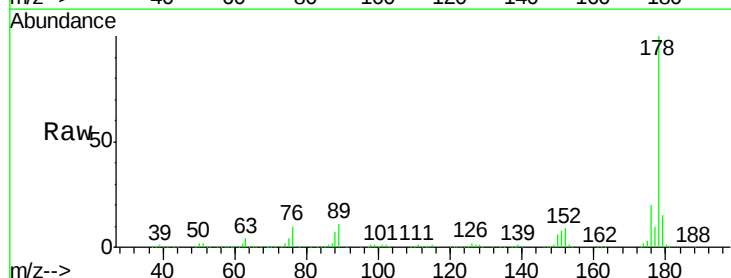
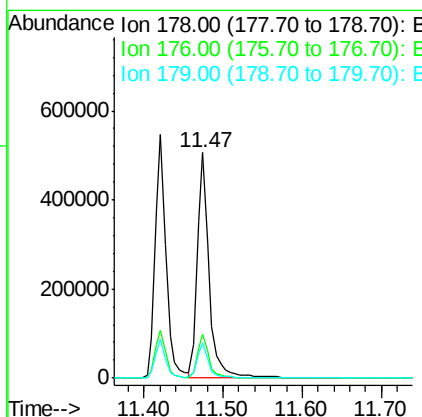
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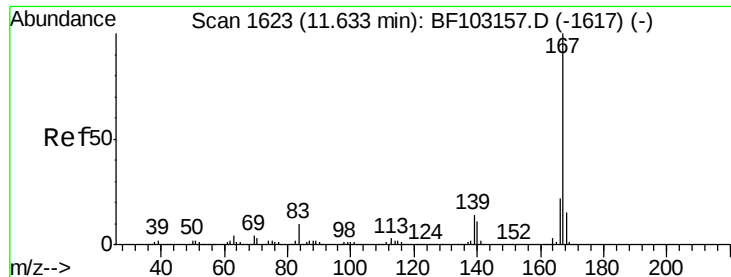
Sohil
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#71
Anthracene
Concen: 28.567 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.6	19.0





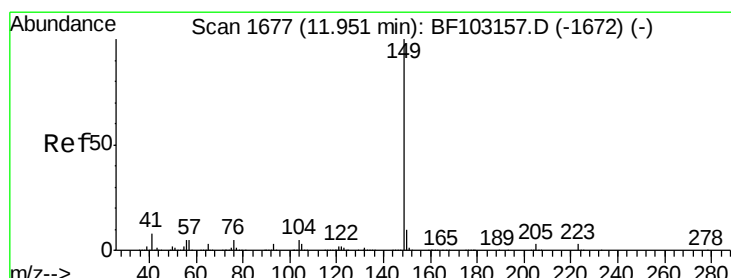
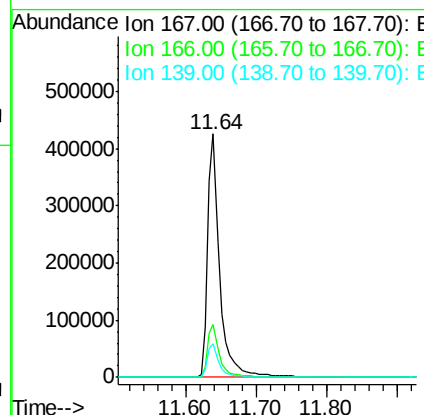
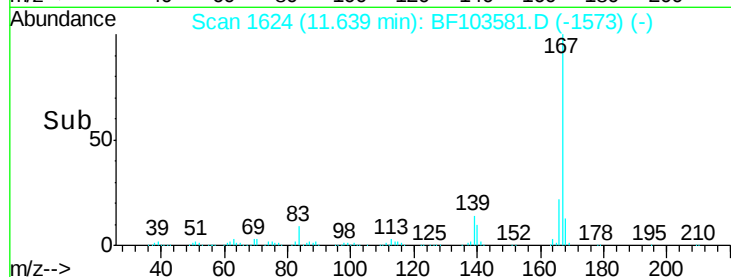
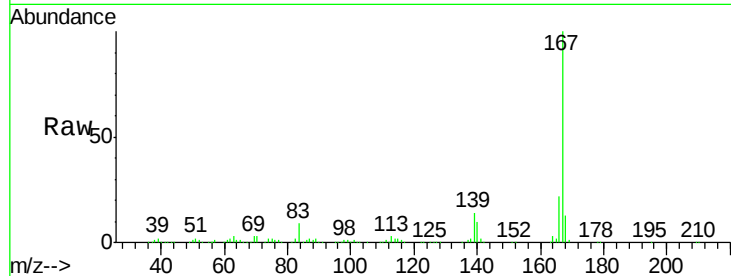
#72
 Carbazole
 Concen: 27.173 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.9	10.9	16.3

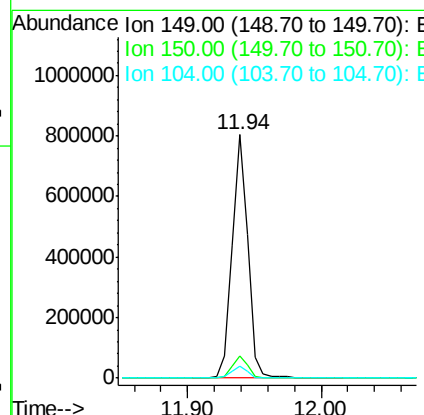
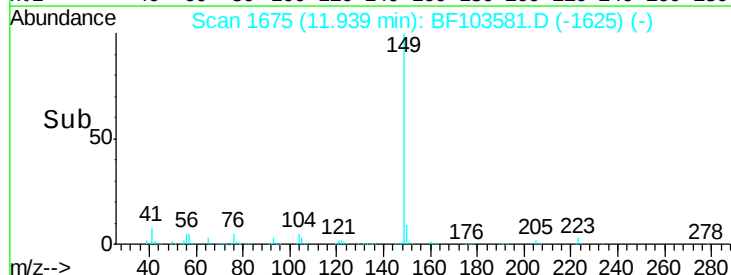
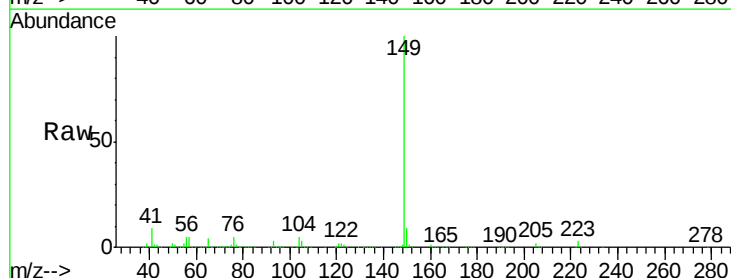
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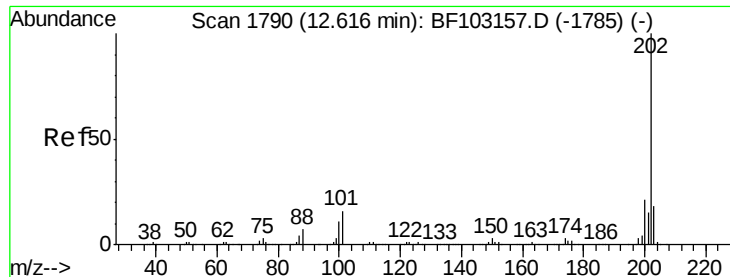
Sohil
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#73
 Di-n-butylphthalate
 Concen: 28.762 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8





#74

Fluoranthene

Concen: 25.816 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

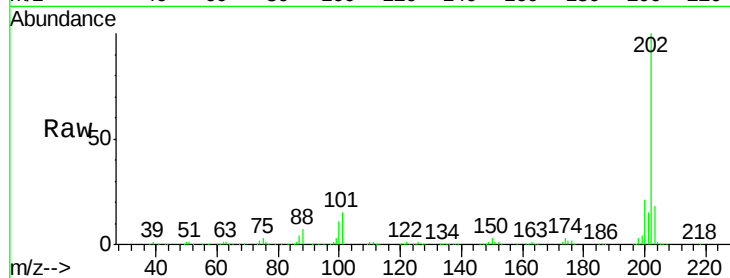
ClientSampleId :

SB-07-08-10MSD

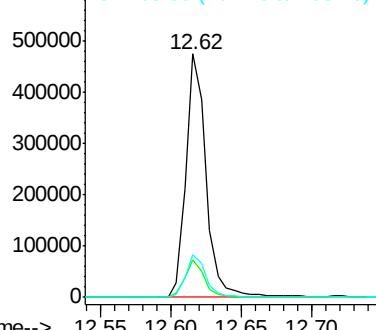
Tot Ion:	202	Resp:	474563
Ion Ratio		Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.7	0.0	38.1

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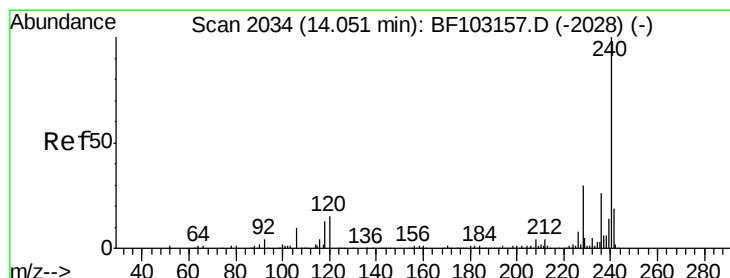
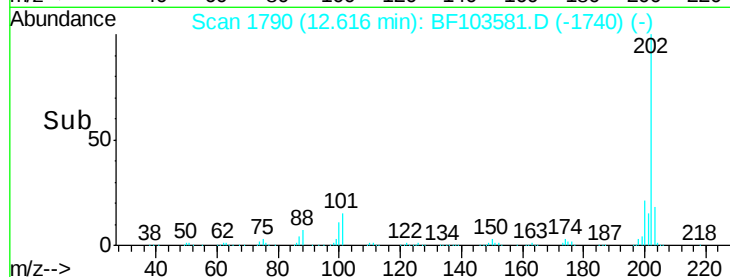
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.55 12.60 12.65 12.70



#75

Chrysene-d12

Concen: 20.000 ng

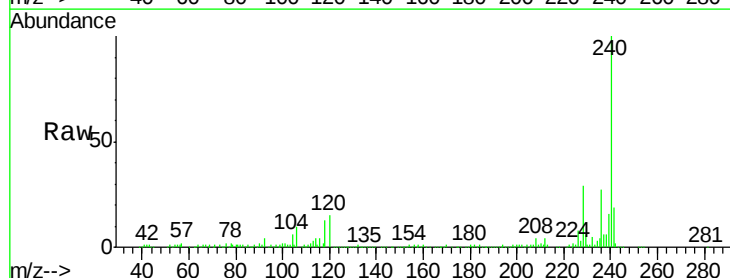
RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

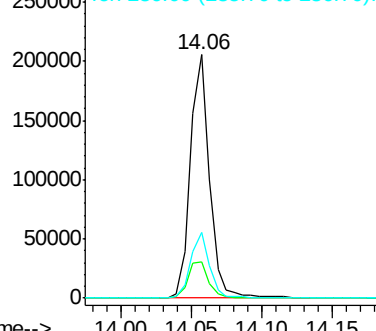
Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

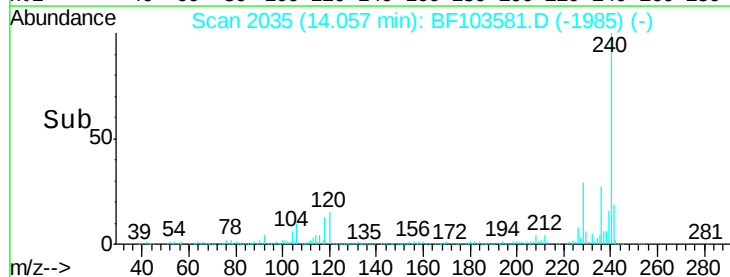
Tgt Ion:	240	Resp:	194983
Ion Ratio		Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	27.2	20.7	31.1

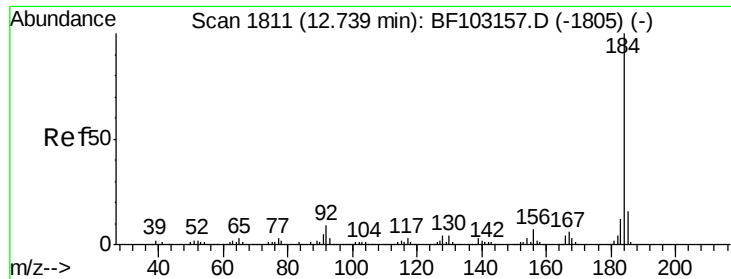


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.05 14.10 14.15





#76

Benzidine

Concen: 24.303 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103581.D

Acq: 12 Mar 2018 14:53

Instrument :

BNA_F

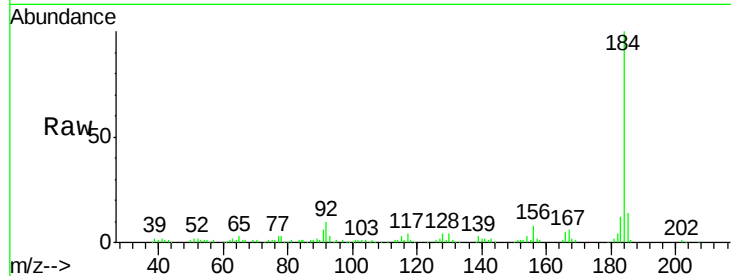
ClientSampleId :

SB-07-08-10MSD

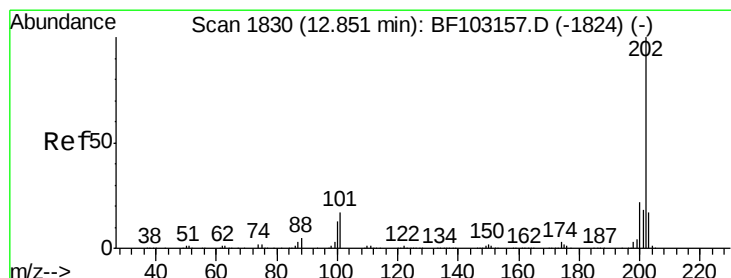
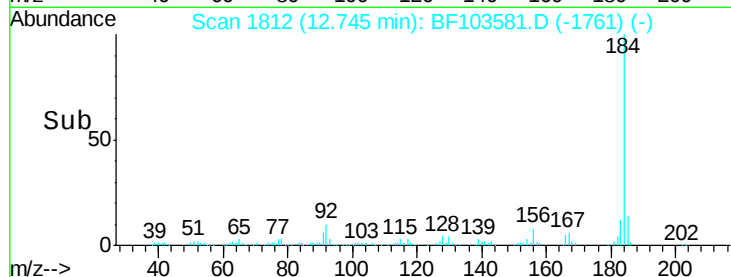
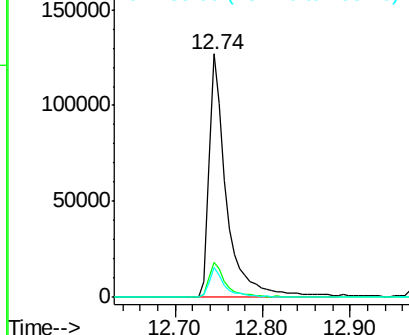
Tot Ion:	184	Resp:	177155
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.2	9.3	13.9

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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

Pyrene

Concen: 30.073 ng

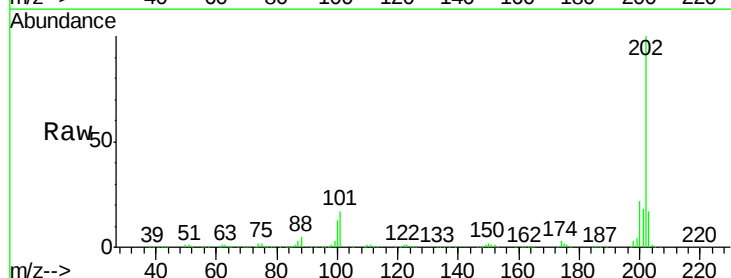
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

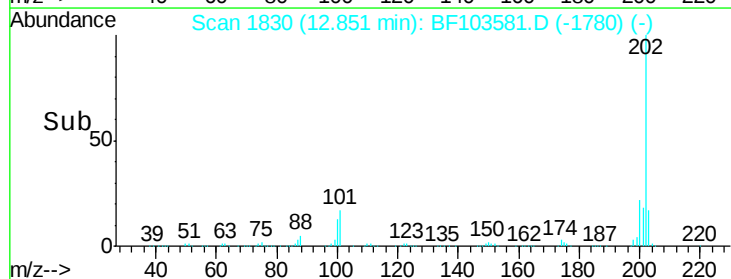
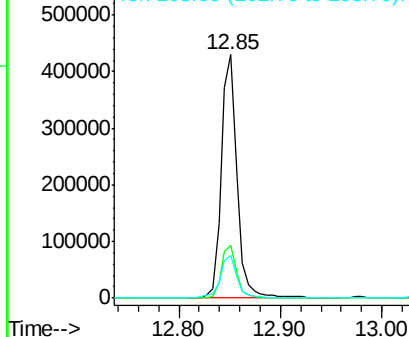
Lab File: BF103581.D

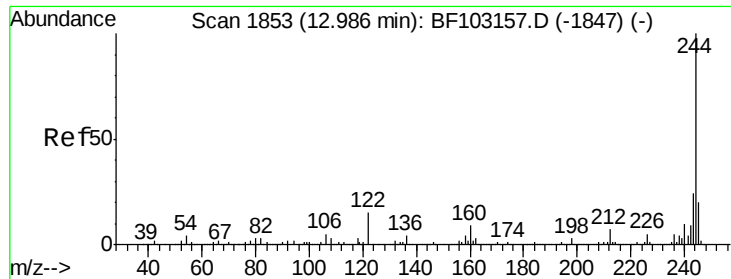
Acq: 12 Mar 2018 14:53

Tgt Ion:	202	Resp:	457173
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





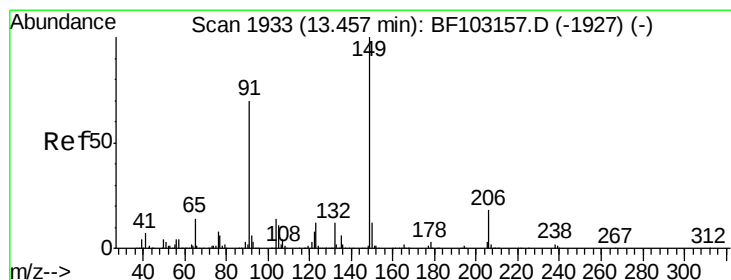
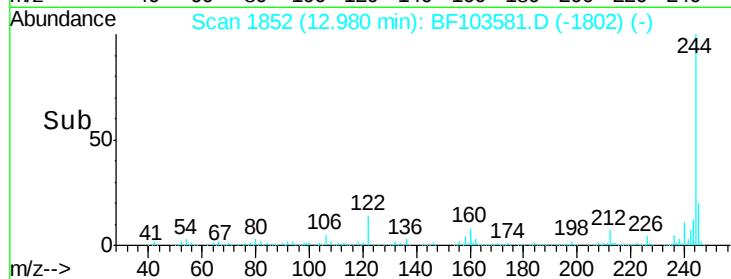
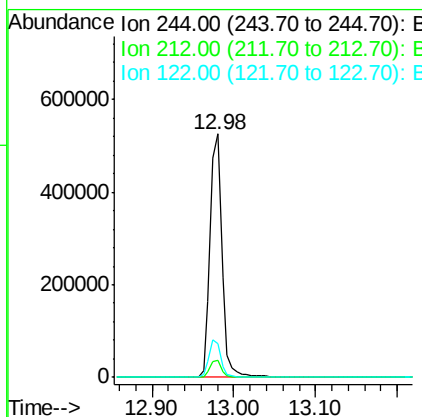
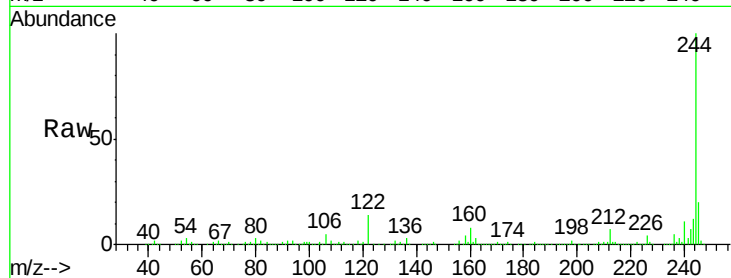
#78
 Terphenyl-d14
 Concen: 65.960 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4

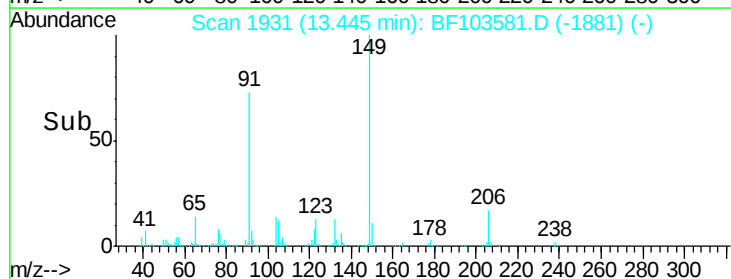
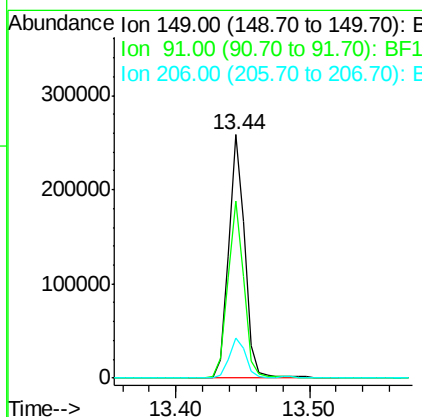
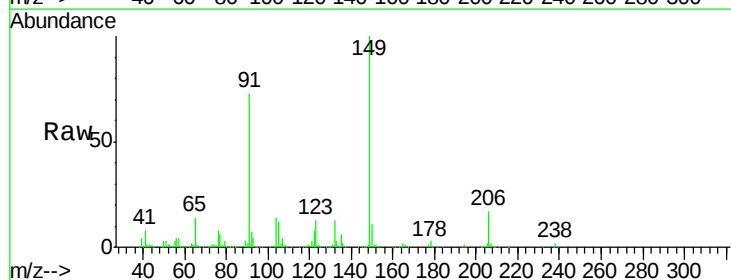
Manual Integrations
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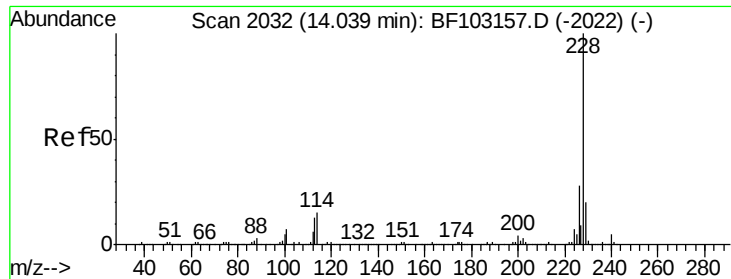
Sohil
 3/13/2018 4:13:02 PM



#79
 Butylbenzylphthalate
 Concen: 27.516 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF103581.D
 Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.8	85.2
206	16.6	14.1	21.1





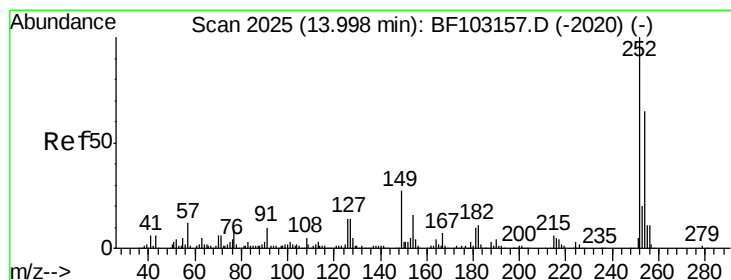
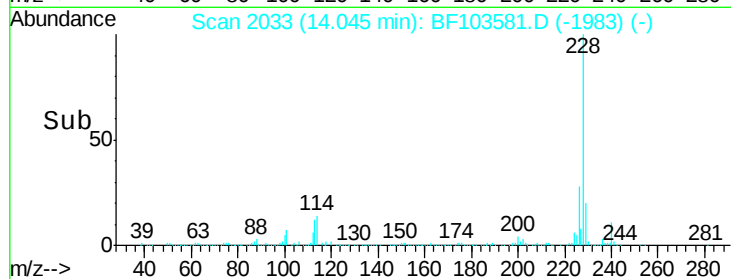
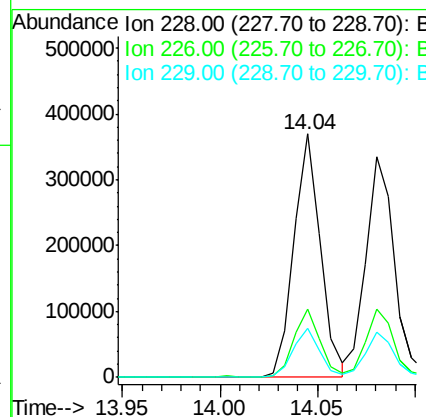
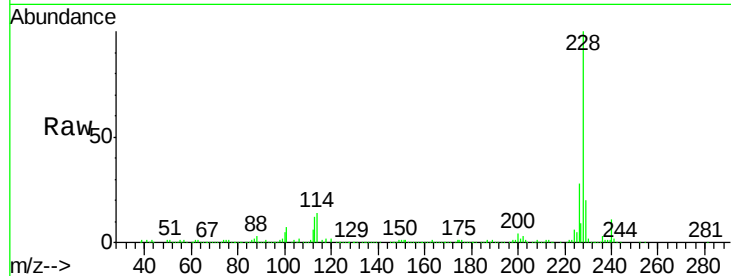
#80
Benzo(a)anthracene
Concen: 27.677 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6

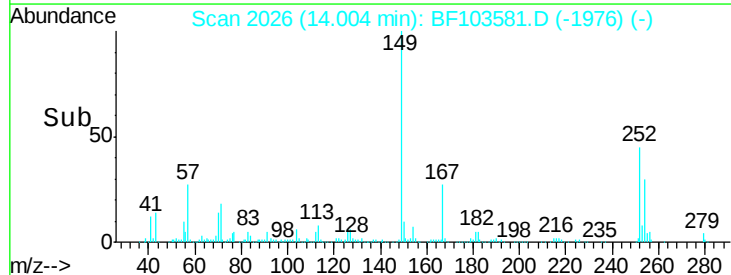
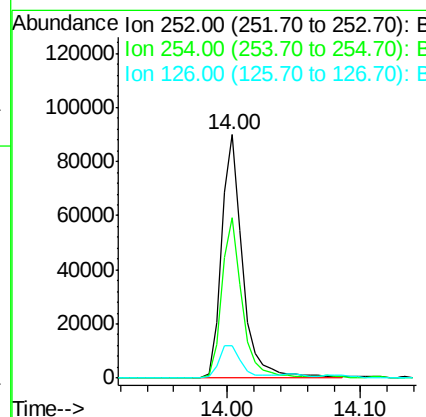
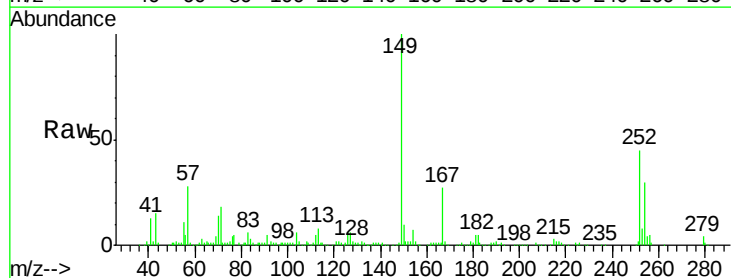
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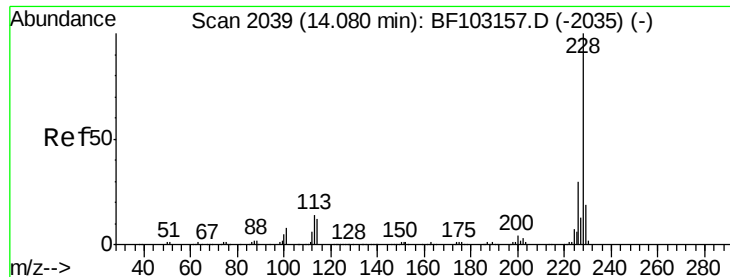
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 22.114 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	13.1	11.3	16.9





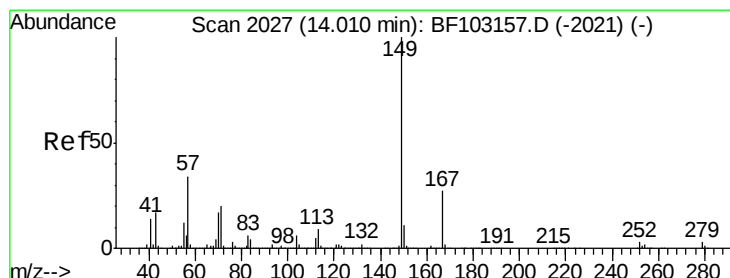
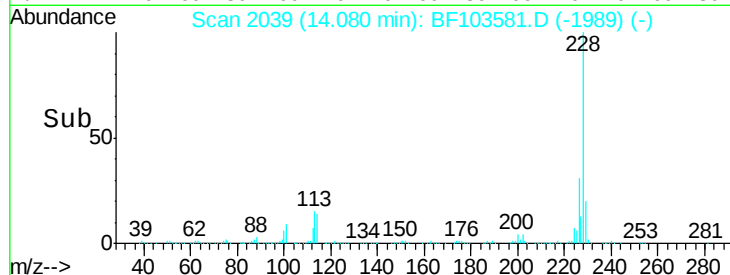
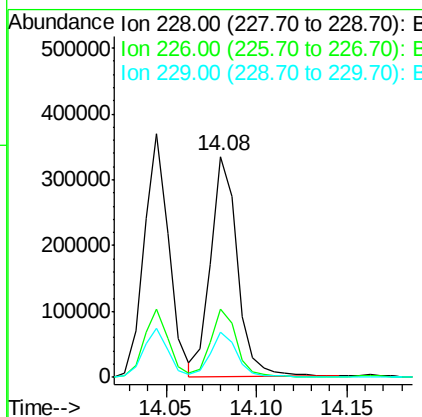
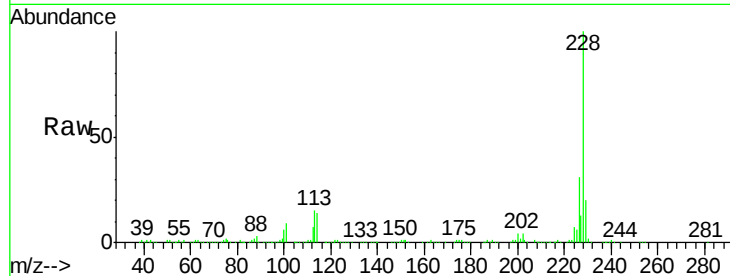
#82
Chrysene
Concen: 27.802 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.4	16.2	24.4

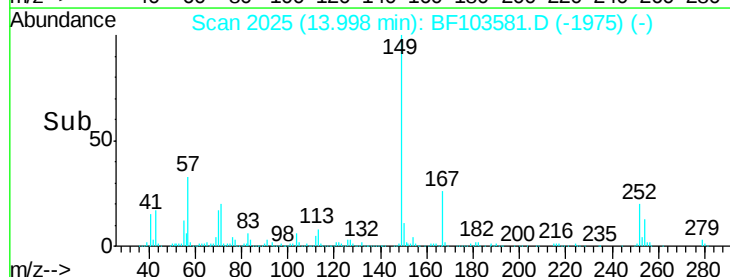
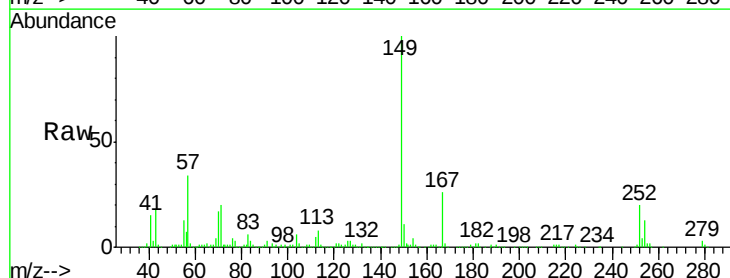
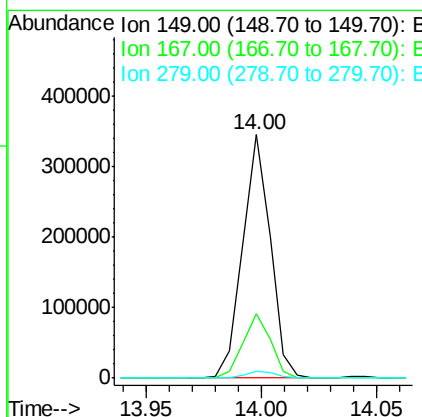
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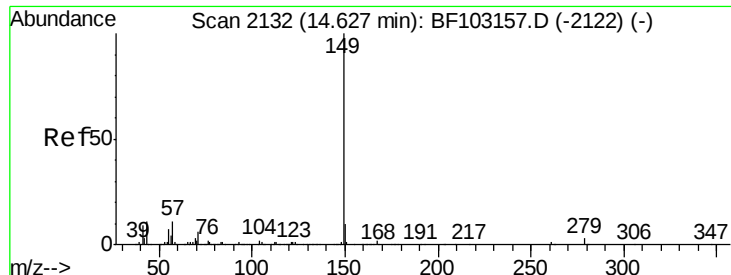
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 26.766 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.7	3.0	4.4#





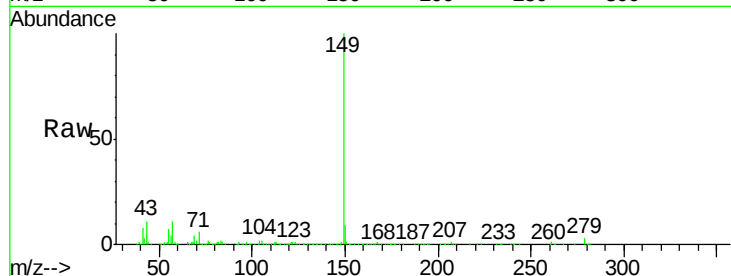
#84
Di-n-octyl phthalate
Concen: 27.922 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

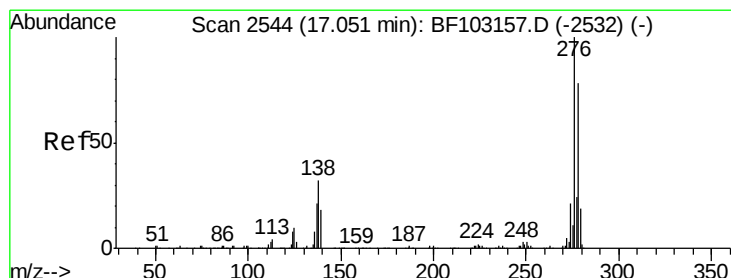
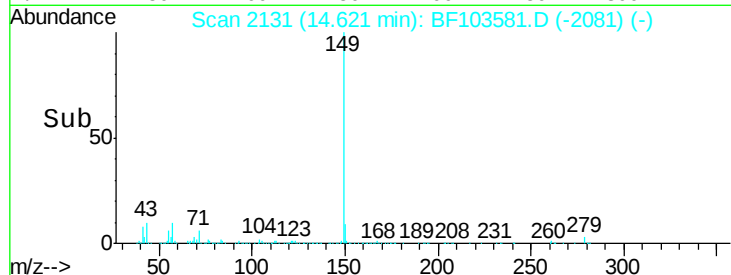
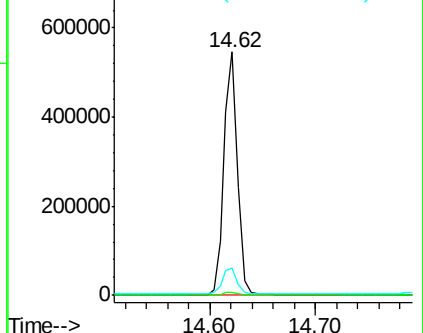
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	11.3	8.4	12.6	

Manual Integrations
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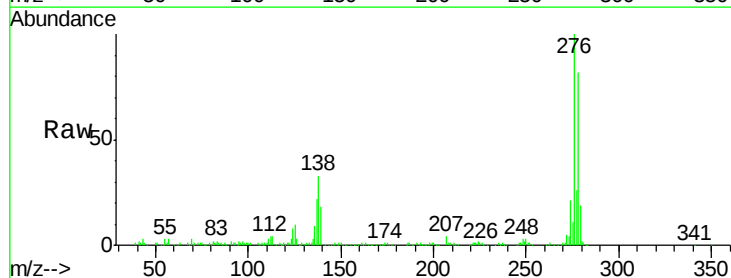


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

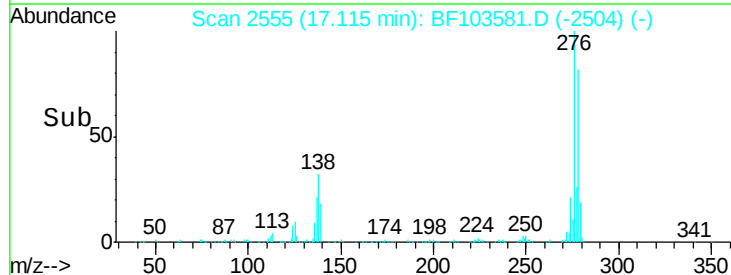
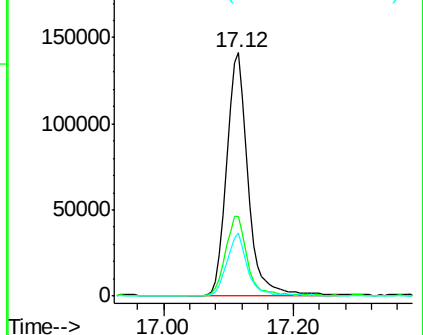


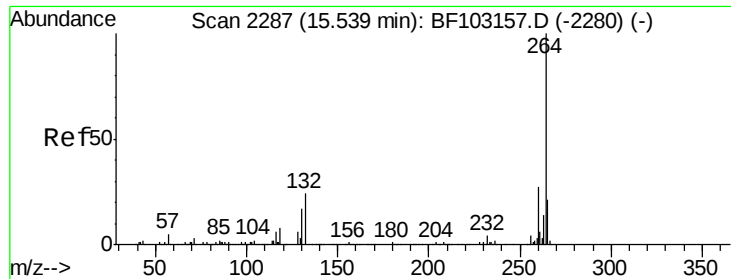
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.262 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	32.9	25.0	37.6	
277	24.7	20.1	30.1	



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





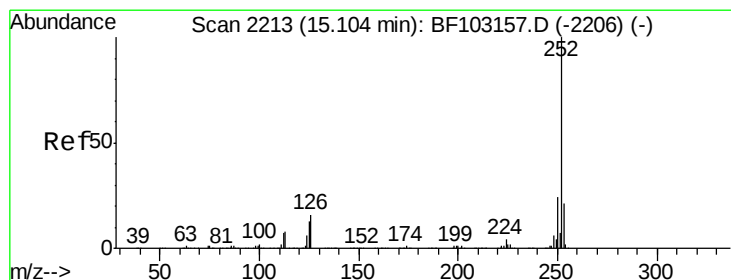
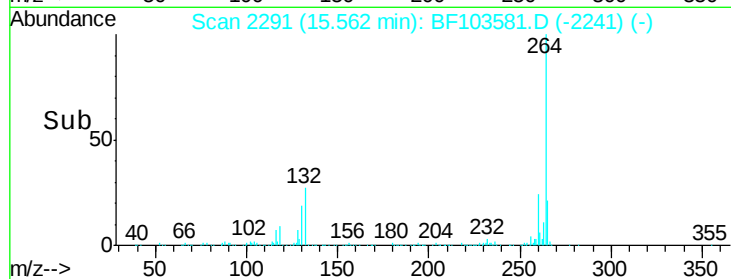
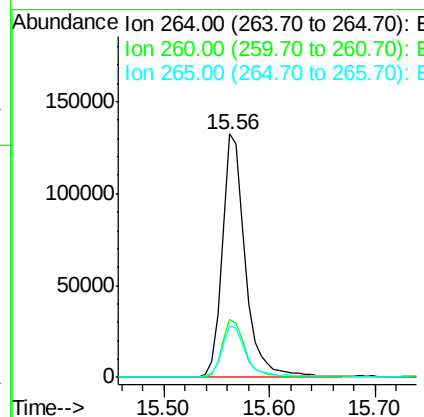
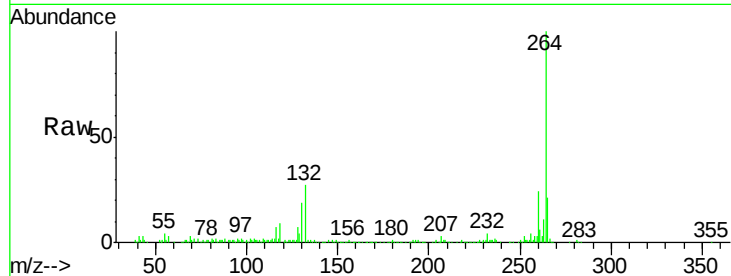
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

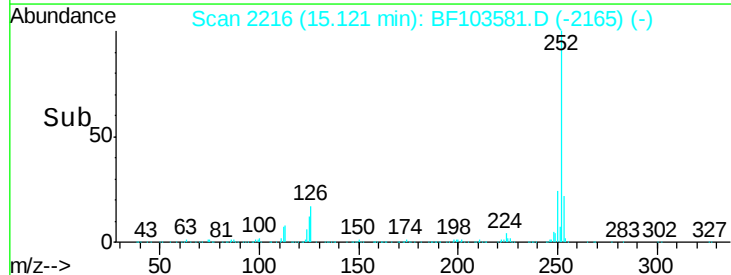
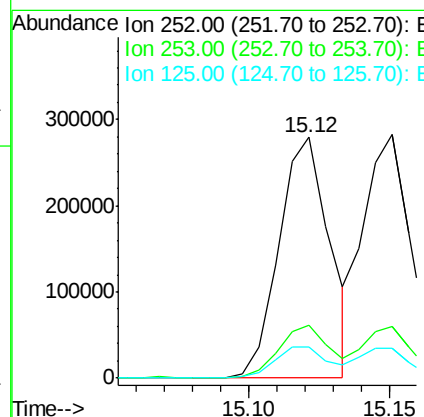
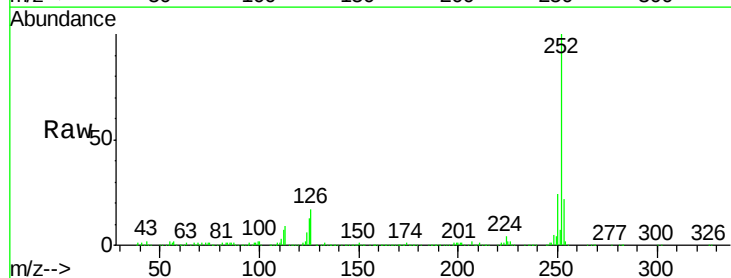
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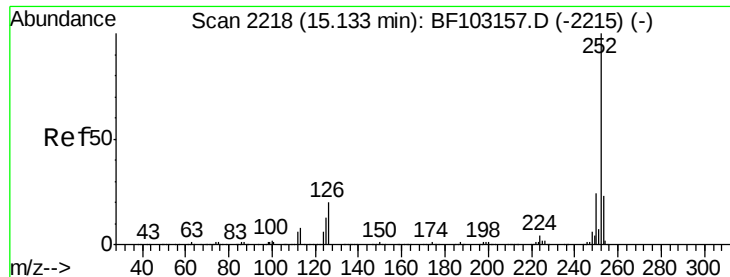
Sohil
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#87
Benzo(b)fluoranthene
Concen: 26.059 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.7	9.0	13.6





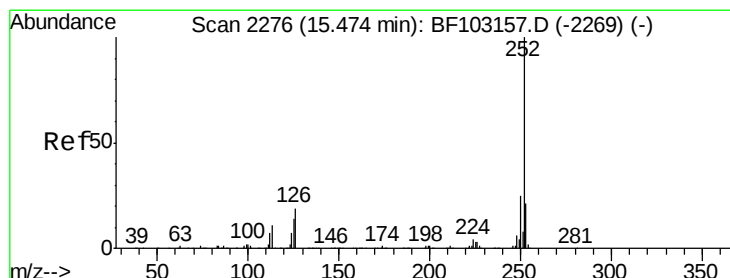
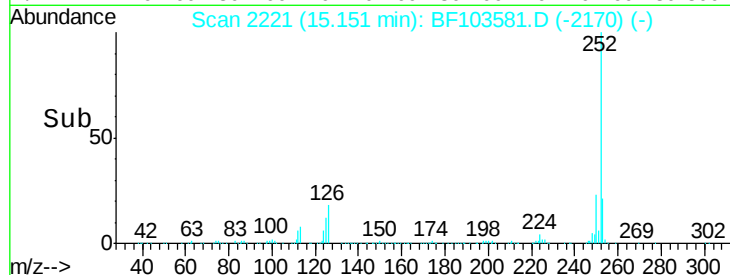
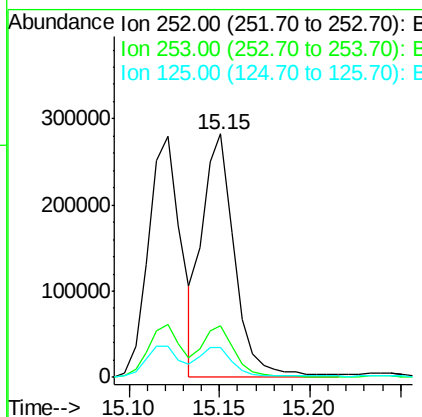
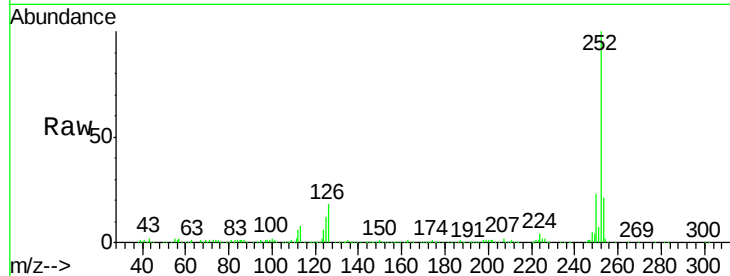
#88
Benzo(k)fluoranthene
Concen: 27.922 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	12.3	10.2	15.2

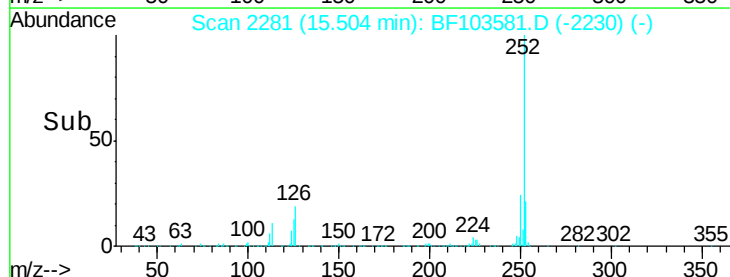
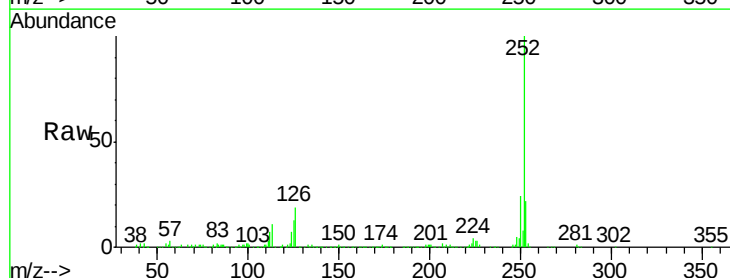
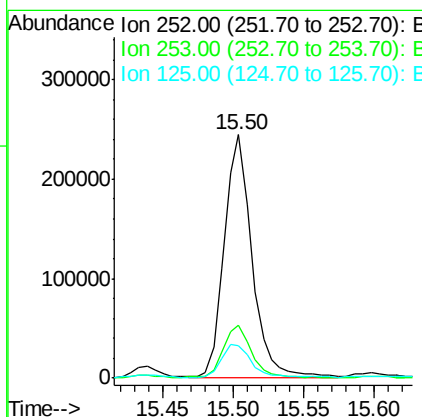
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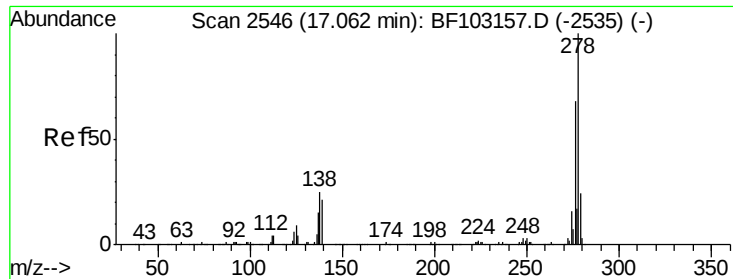
Sohil
3/13/2018 4:13:02 PM



#89
Benzo(a)pyrene
Concen: 27.992 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.4	9.8	14.6





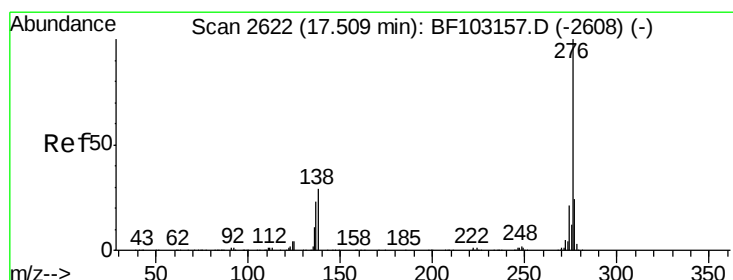
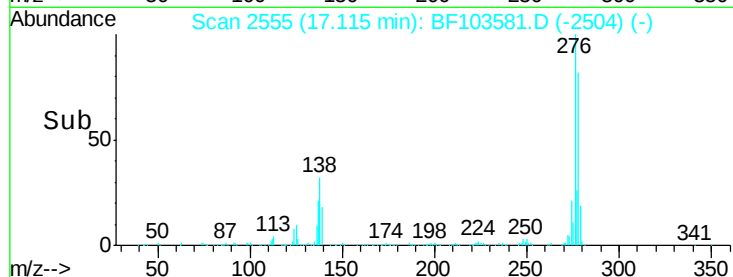
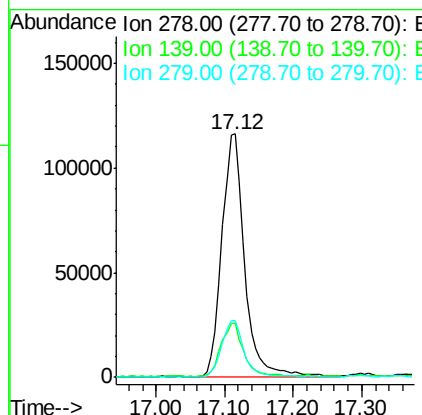
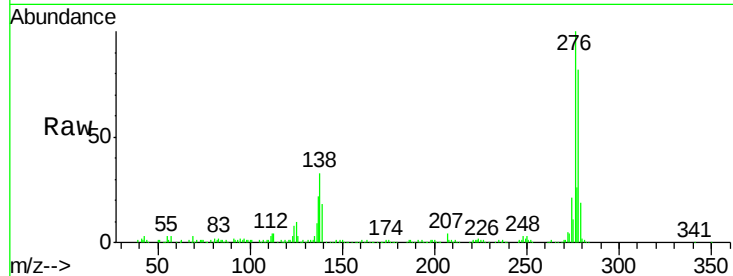
#90
Dibenzo(a,h)anthracene
Concen: 29.533 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Instrument :
BNA_F
ClientSampleId :
SB-07-08-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	23.2	19.0	28.4

Manual Integrations
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3/13/2018 4:13:02 PM



#91
Benzo(g,h,i)perylene
Concen: 28.828 ng
RT: 17.58 min Scan# 2634
Delta R.T. -0.01 min
Lab File: BF103581.D
Acq: 12 Mar 2018 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	27.8	21.8	32.8

