

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102076.D
 Acq On : 15 Jan 2018 21:20
 Operator : SJ/JU
 Sample : J1117-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:01:24 PM

Quant Time: Jan 16 01:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	208074	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	821034	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	324470	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452749	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328580	20.00	ng	0.00
86) Perylene-d12	15.29	264	318189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1612750	109.45	ng	0.02
7) Phenol-d6	6.37	99	1945254	110.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	1264664	90.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	310671	109.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1817197	87.50	ng	0.00
78) Terphenyl-d14	12.82	244	1154375	72.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	239985	32.635	ng	96
3) Pyridine	3.18	79	300208	14.949	ng	94
4) n-Nitrosodimethylamine	3.13	42	316721	37.662	ng	100
6) Aniline	6.39	93	426558	17.216	ng	98
8) 2-Chlorophenol	6.51	128	562303	38.049	ng	99
9) Benzaldehyde	6.27	77	103694	8.495	ng	99
10) Phenol	6.38	94	695982	35.030	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	560301	37.051	ng	99
12) 1,3-Dichlorobenzene	6.66	146	602076	35.341	ng	99
13) 1,4-Dichlorobenzene	6.74	146	603121	35.479	ng	100
14) 1,2-Dichlorobenzene	6.89	146	556285	35.355	ng	99
15) Benzyl Alcohol	6.87	79	461014	35.849	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	954135	34.227	ng	99
17) 2-Methylphenol	6.99	107	467873	35.095	ng	99
18) Hexachloroethane	7.23	117	204106	34.096	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	380853	33.057	ng	97
20) 3+4-Methylphenols	7.14	107	514229	32.125	ng	# 63
22) Acetophenone	7.14	105	757367	38.285	ng	# 89
24) Nitrobenzene	7.31	77	586463	39.063	ng	99
25) Isophorone	7.55	82	1070011	38.759	ng	98
26) 2-Nitrophenol	7.63	139	312288	49.698	ng	90
27) 2,4-Dimethylphenol	7.66	122	441992	37.663	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	681686	40.895	ng	99
29) 2,4-Dichlorophenol	7.86	162	446535	40.072	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	437585	37.542	ng	98
31) Naphthalene	8.03	128	1535168	37.420	ng	99
32) Benzoic acid	7.75	122	75262m	8.457	ng	
33) 4-Chloroaniline	8.08	127	317624	18.139	ng	98
34) Hexachlorobutadiene	8.15	225	226459	36.705	ng	99
35) Caprolactam	8.45	113	135876m	35.519	ng	
36) 4-Chloro-3-methylphenol	8.56	107	475845	39.011	ng	99
37) 2-Methylnaphthalene	8.72	142	1015900	37.614	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	393287	42.844	ng	99
40) Hexachlorocyclopentadiene	8.87	237	113517	22.612	ng	97

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 UST-1 9.5-10.0MSD

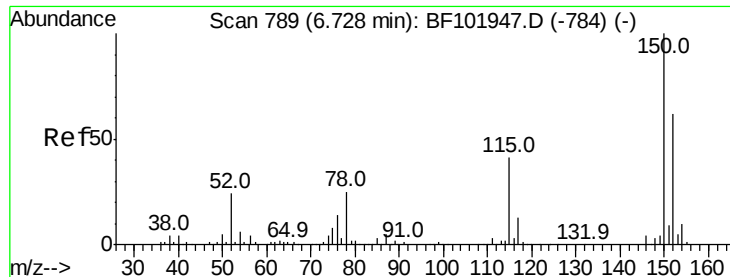
Manual Integrations
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 1/16/2018 5:01:24 PM

Quant Time: Jan 16 01:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	277673	43.896	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	277723	38.845	nq	96
45) 1,1'-Biphenyl	9.19	154	1122151	39.127	nq	99
46) 2-Chloronaphthalene	9.21	162	849716	38.207	nq	98
47) 2-Nitroaniline	9.30	65	295993	44.431	nq	94
48) Acenaphthylene	9.62	152	1262050	35.758	nq	99
49) Dimethylphthalate	9.49	163	1186912	45.599	nq	99
50) 2,6-Dinitrotoluene	9.55	165	224700	43.217	nq	95
51) Acenaphthene	9.79	154	759983	35.476	nq	99
52) 3-Nitroaniline	9.72	138	226271	34.482	nq	95
53) 2,4-Dinitrophenol	9.82	184	35818	24.733	nq	# 18
54) Dibenzofuran	9.96	168	1089326	37.051	nq	98
55) 4-Nitrophenol	9.88	139	344128	70.372	nq	96
56) 2,4-Dinitrotoluene	9.95	165	274480	42.119	nq	97
57) Fluorene	10.31	166	779431	38.350	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197182	38.739	nq	99
59) Diethylphthalate	10.19	149	926061	35.766	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	342707	39.599	nq	95
61) 4-Nitroaniline	10.33	138	211421	33.950	nq	93
62) Azobenzene	10.46	77	876369	34.020	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	39285	19.754	nq	87
65) n-Nitrosodiphenylamine	10.42	169	719727	42.453	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	214008	44.760	nq	99
67) Hexachlorobenzene	10.85	284	209706	40.176	nq	92
68) Atrazine	10.95	200	226057	46.139	nq	98
69) Pentachlorophenol	11.05	266	200498	62.993	nq	99
70) Phenanthrene	11.26	178	998350	37.750	nq	99
71) Anthracene	11.32	178	1016973	37.916	nq	99
72) Carbazole	11.47	167	934778	35.458	nq	99
73) Di-n-butylphthalate	11.80	149	1258369	38.906	nq	100
74) Fluoranthene	12.45	202	887524	34.109	nq	99
77) Pyrene	12.67	202	910436	31.346	nq	99
79) Butylbenzylphthalate	13.30	149	450994	33.835	nq	97
80) Benzo(a)anthracene	13.86	228	752400	35.890	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	226756	29.212	nq	99
82) Chrysene	13.90	228	774460	35.428	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	548762	35.889	nq	99
84) Di-n-octyl phthalate	14.47	149	1116511	44.003	nq	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	636100	39.980	nq	98
87) Benzo(b)fluoranthene	14.89	252	814045	39.237	nq	99
88) Benzo(k)fluoranthene	14.91	252	715046	35.727	nq	99
89) Benzo(a)pyrene	15.23	252	717339	38.423	nq	# 97
90) Dibenzo(a,h)anthracene	16.68	278	527496	35.406	nq	98
91) Benzo(g,h,i)perylene	17.07	276	501885	33.442	nq	98

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



#1

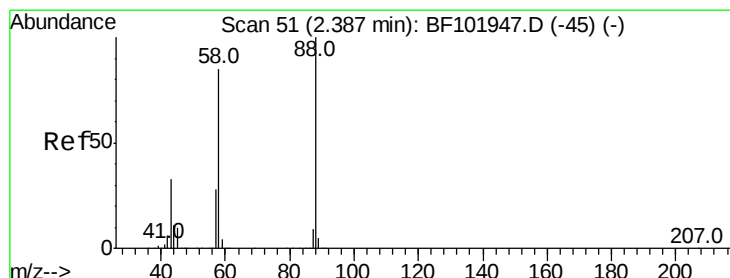
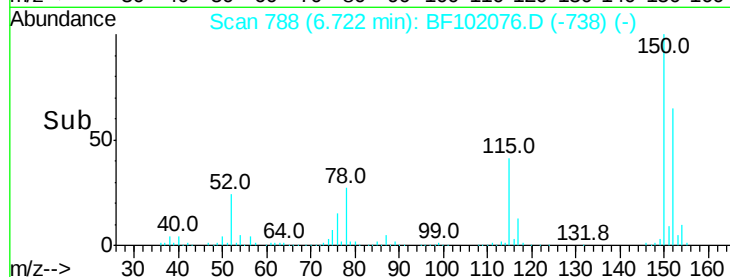
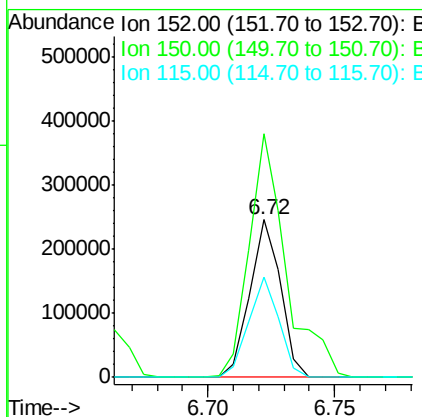
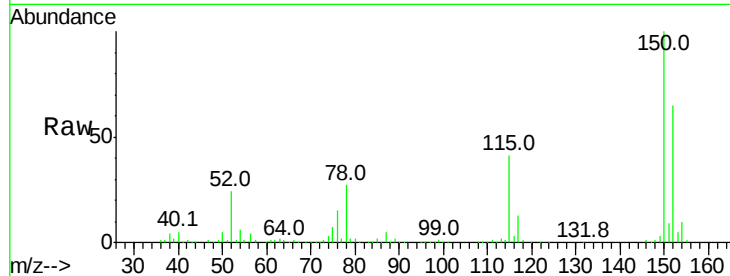
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	63.5	50.1	75.1

Manual Integrations
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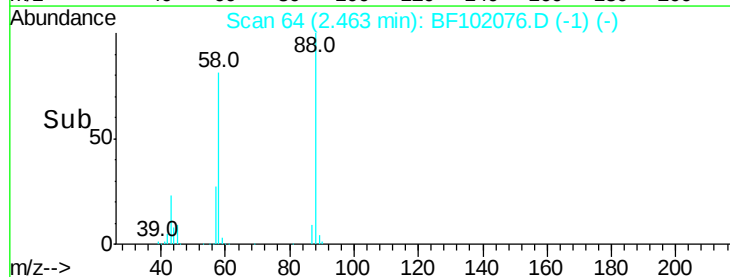
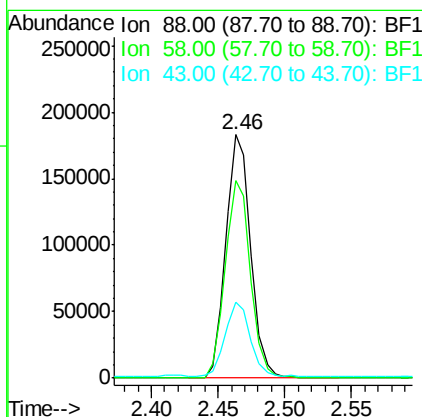
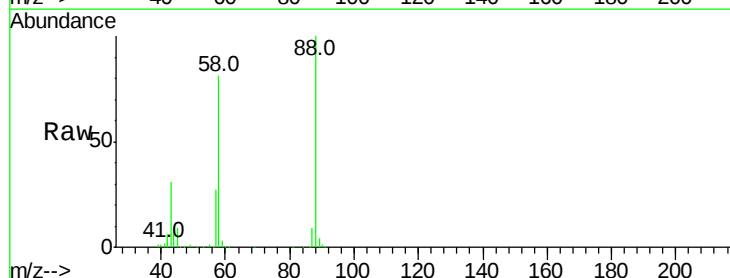
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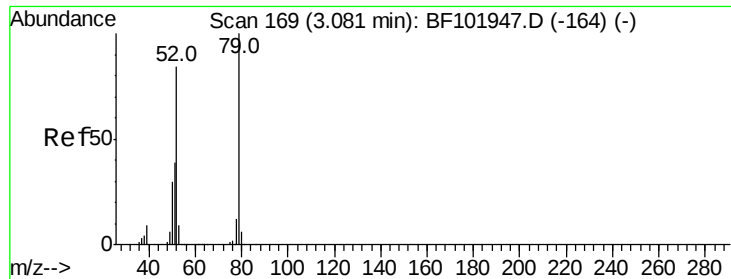


#2

1,4-Dioxane
Concen: 32.635 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.07 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	30.9	24.6	37.0





#3

Pvridine

Concen: 14.949 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

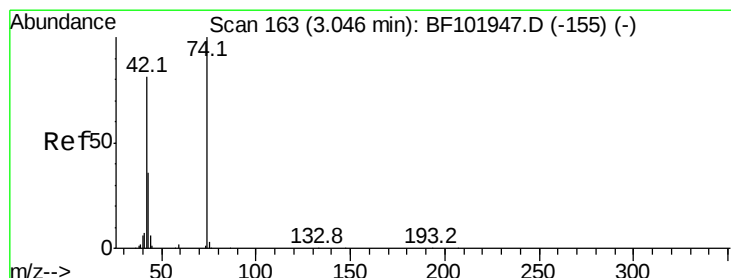
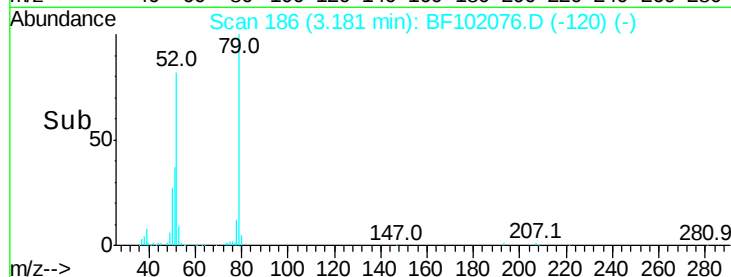
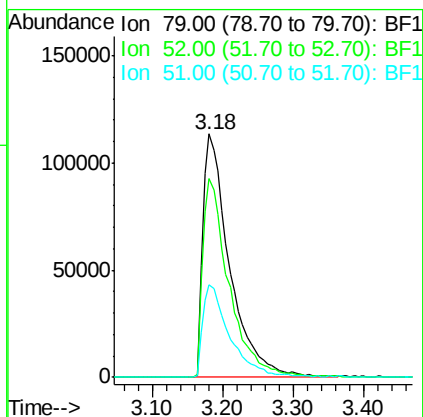
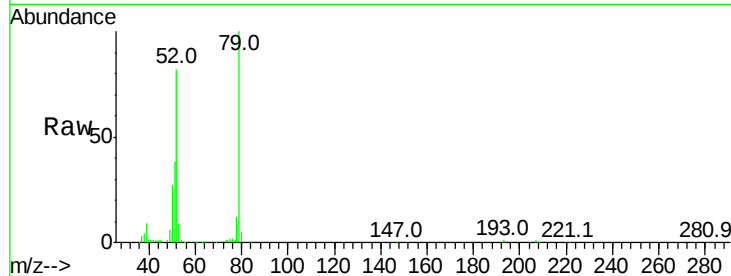
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	79	Resp:	300208
Ion Ratio	Lower	Upper	
79	100		
52	81.7	59.8	89.6
51	37.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.662 ng

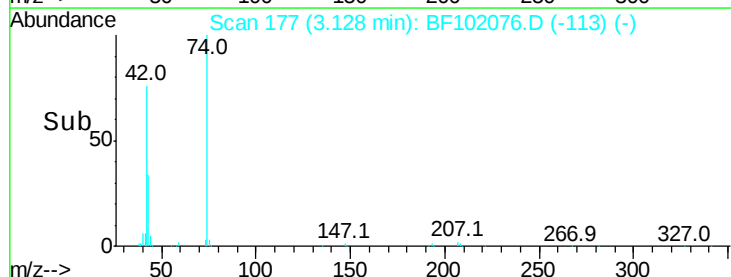
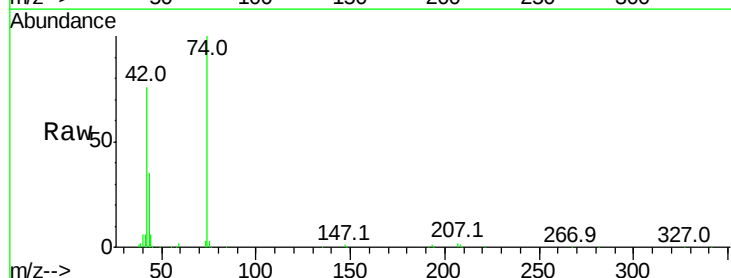
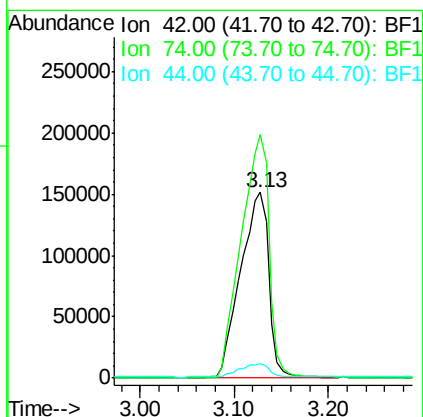
RT: 3.13 min Scan# 177

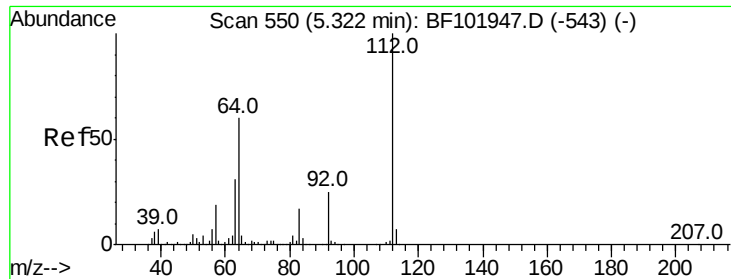
Delta R.T. 0.08 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	42	Resp:	316721
Ion Ratio	Lower	Upper	
42	100		
74	131.3	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 109.448 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:112 Resp: 1612750

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

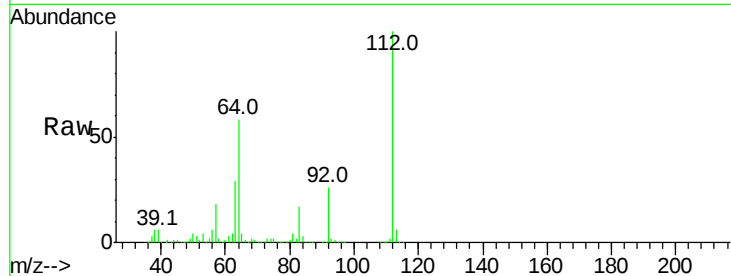
63 29.2 23.7 35.5

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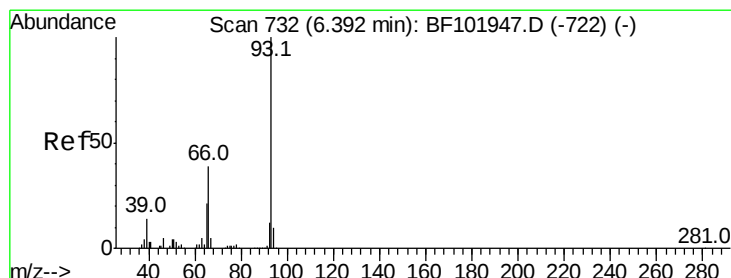
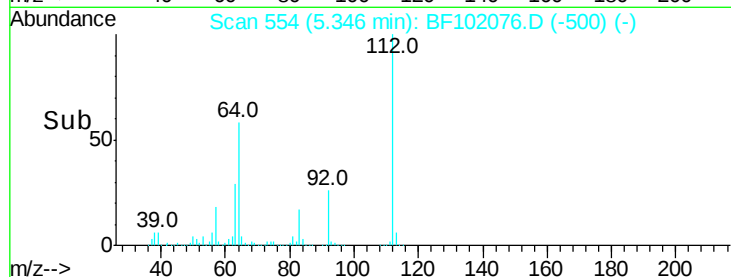
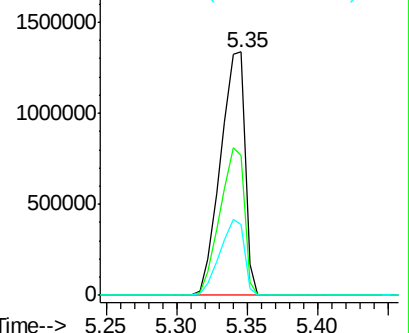
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.216 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

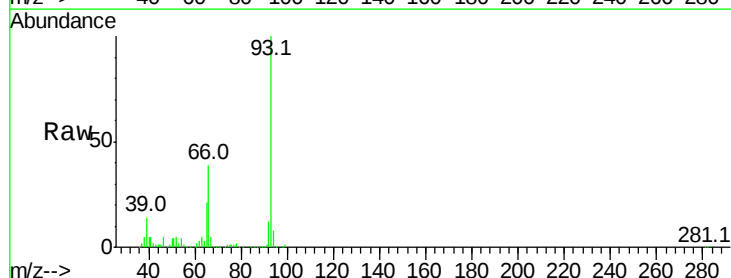
Tgt Ion: 93 Resp: 426558

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

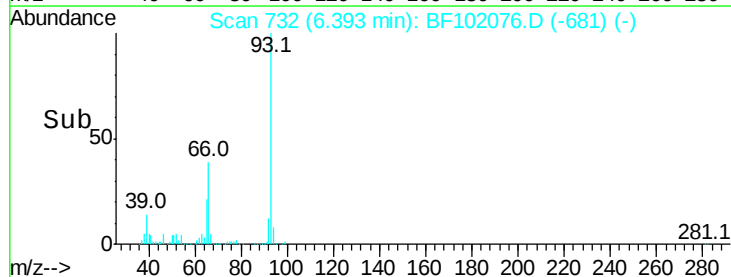
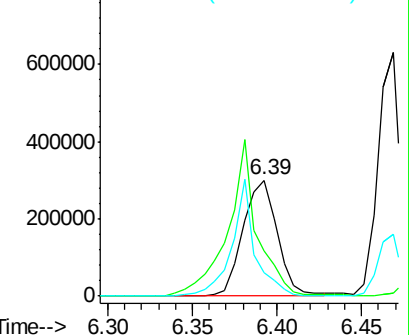
65 20.5 16.4 24.6

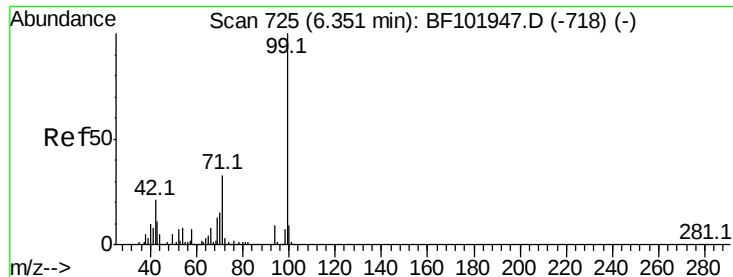


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.647 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion: 99 Resp: 1945254

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

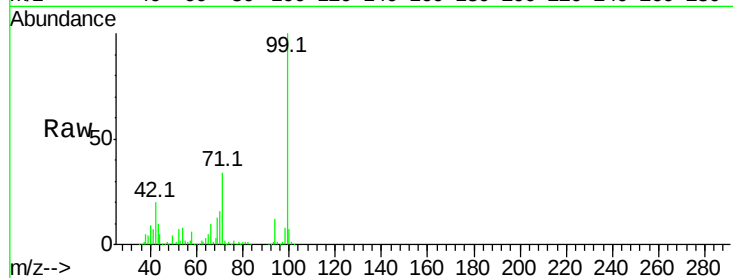
71 34.4 25.4 38.0

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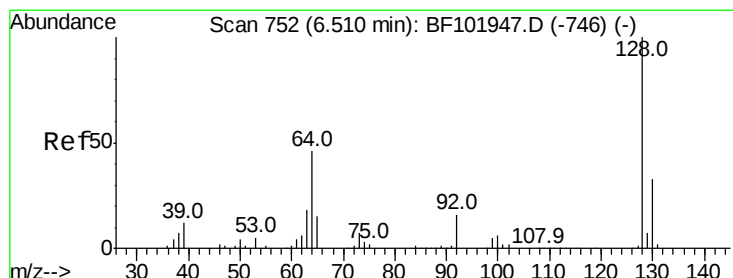
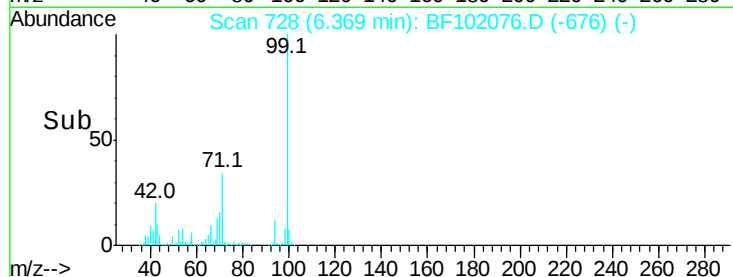
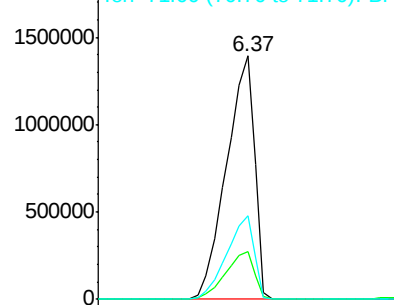
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.049 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

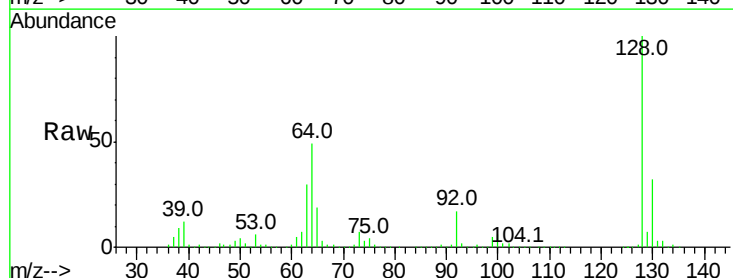
Tgt Ion: 128 Resp: 562303

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

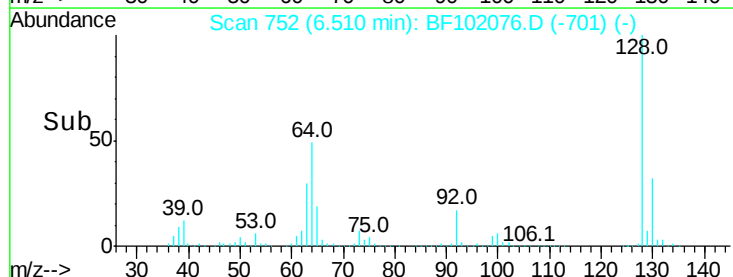
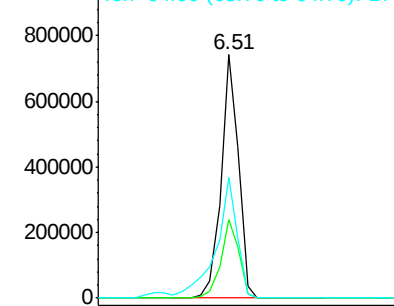
64 49.4 29.4 69.4

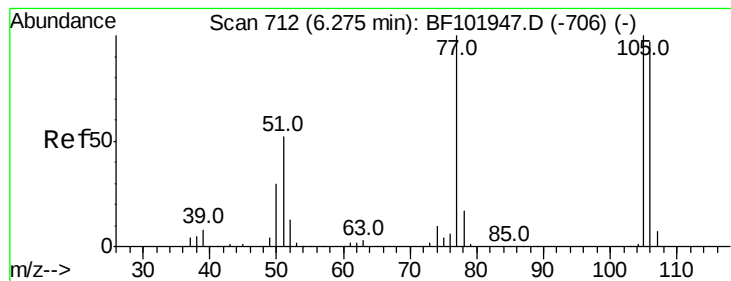


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.495 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

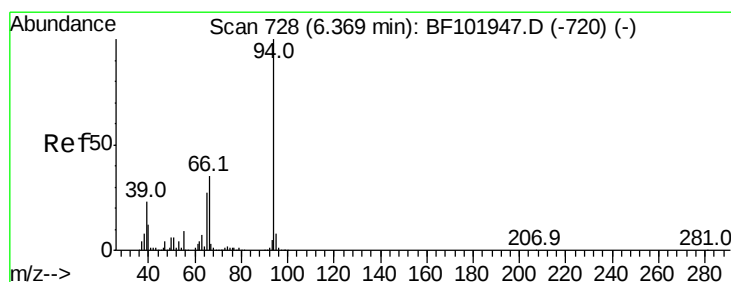
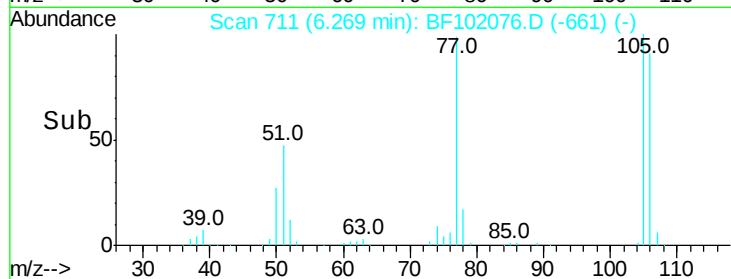
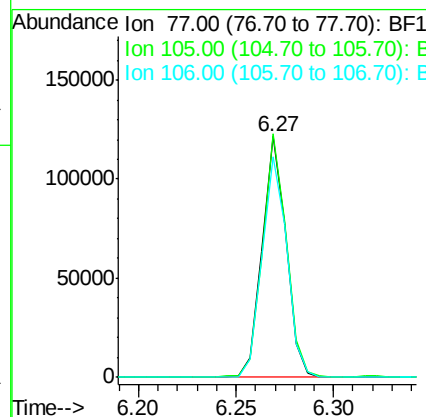
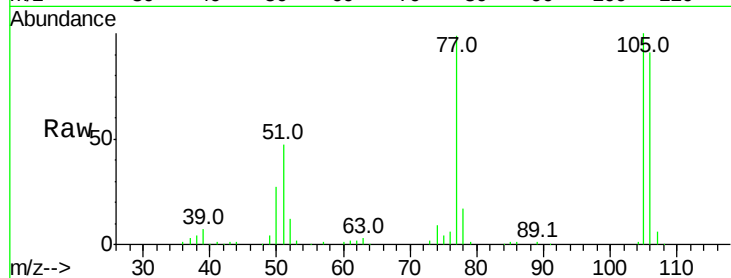
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.0	81.1	121.1
106	91.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.030 ng

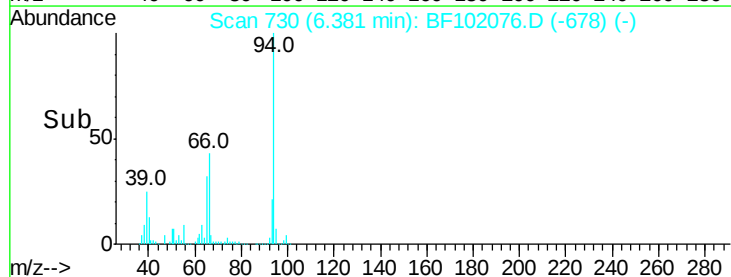
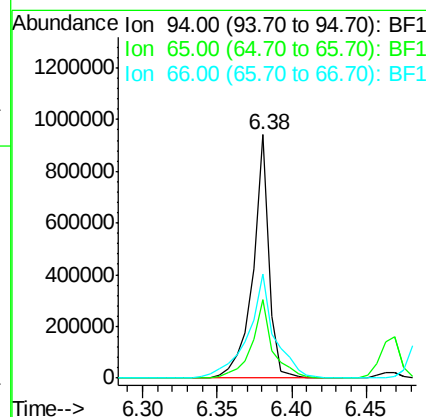
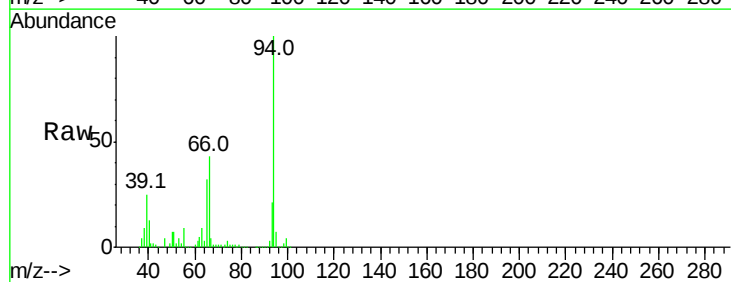
RT: 6.38 min Scan# 730

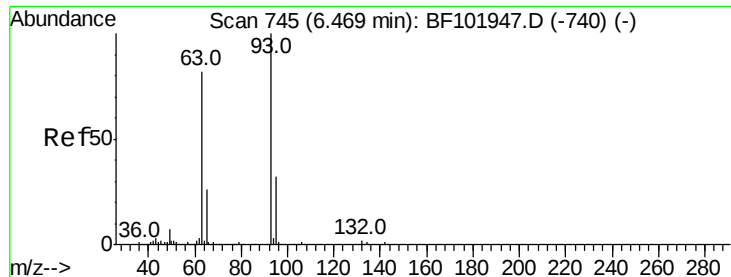
Delta R.T. 0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	42.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.051 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

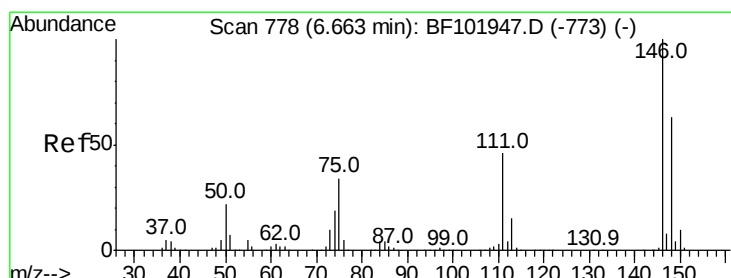
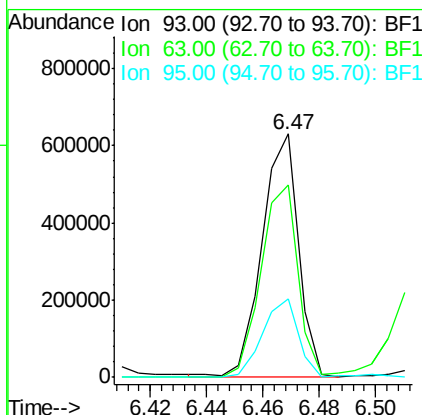
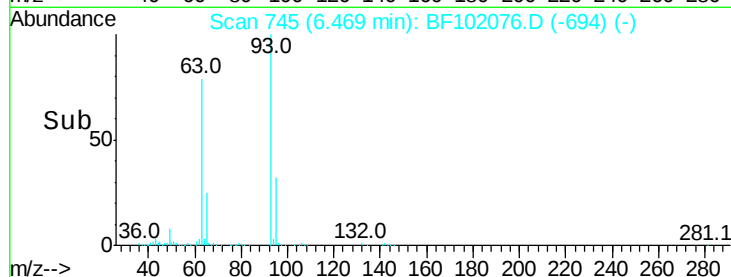
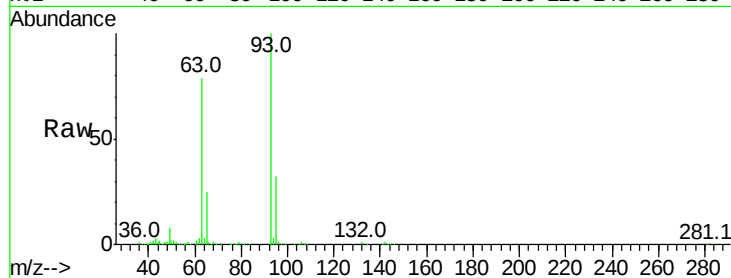
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	93	Resp:	560301
Ion Ratio	Lower	Upper	
93	100		
63	78.9	58.6	98.6
95	32.5	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.341 ng

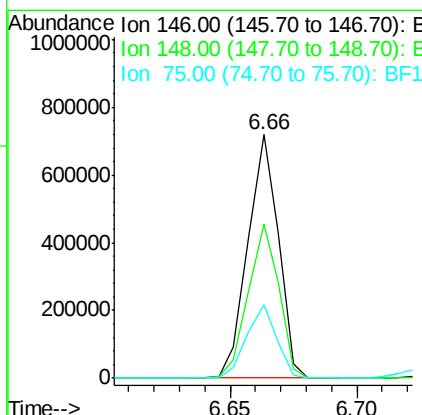
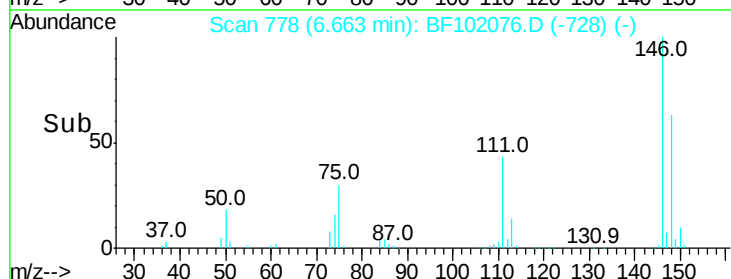
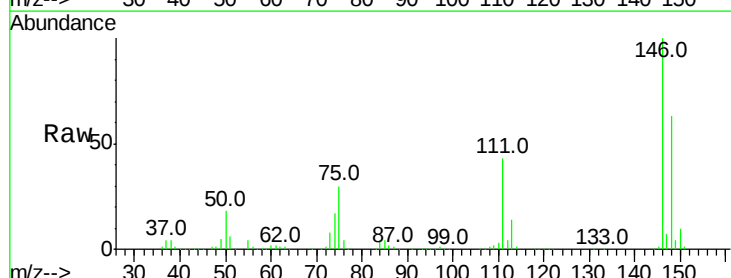
RT: 6.66 min Scan# 778

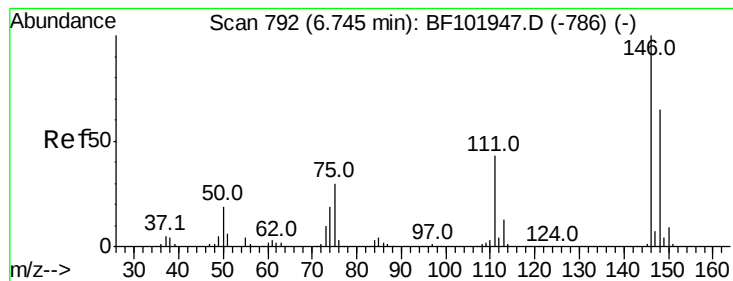
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	146	Resp:	602076
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
75	30.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.479 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

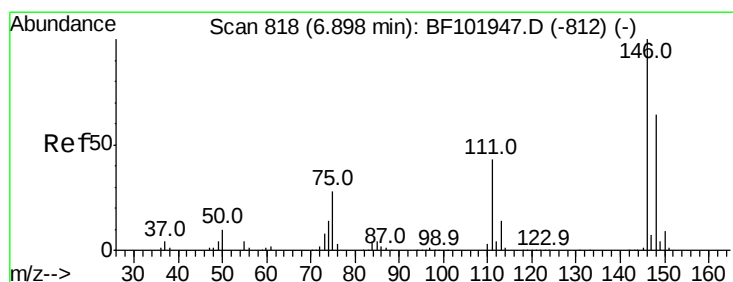
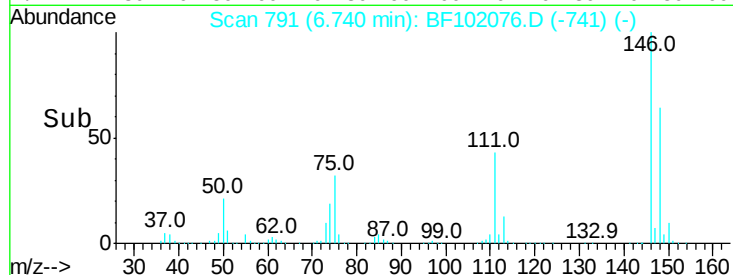
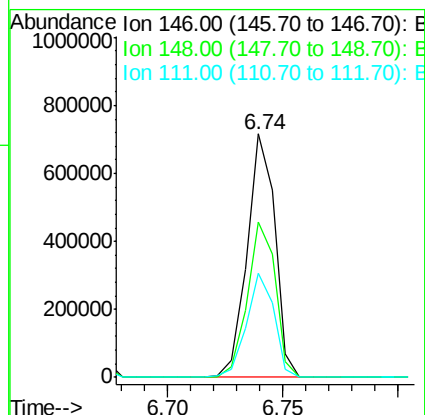
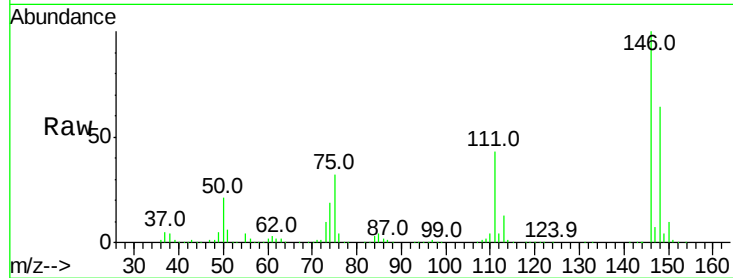
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	146	Resp:	603121
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	42.8	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.355 ng

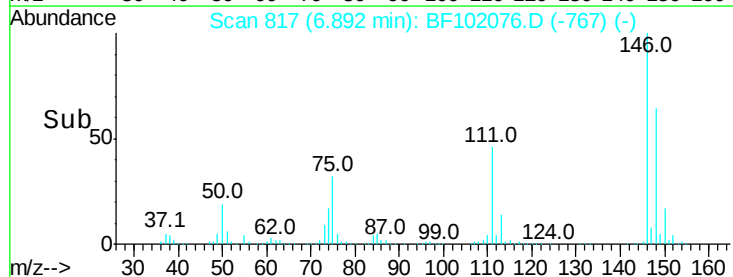
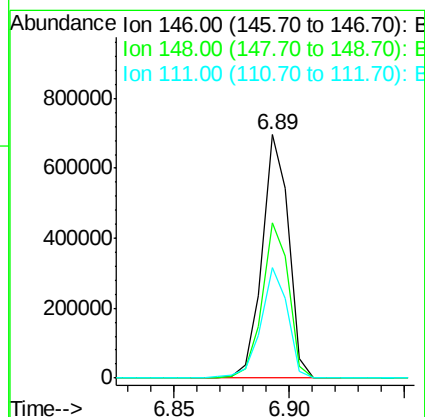
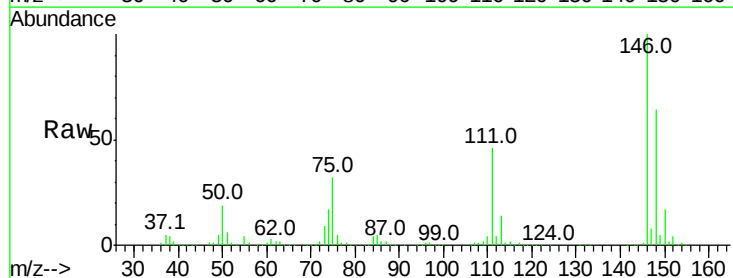
RT: 6.89 min Scan# 817

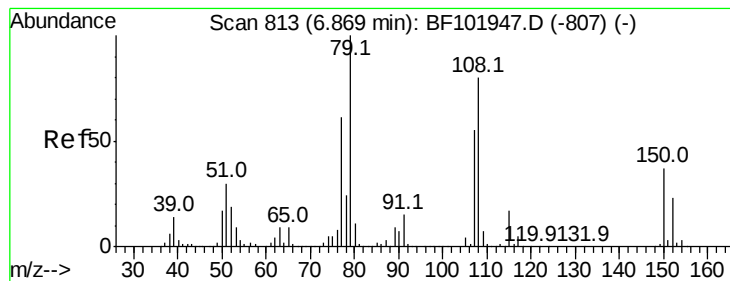
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	146	Resp:	556285
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	45.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.849 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion: 79 Resp: 461014

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

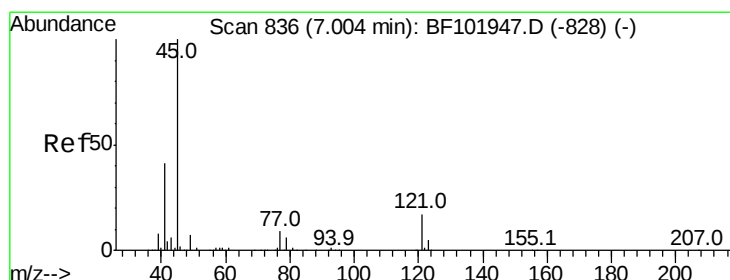
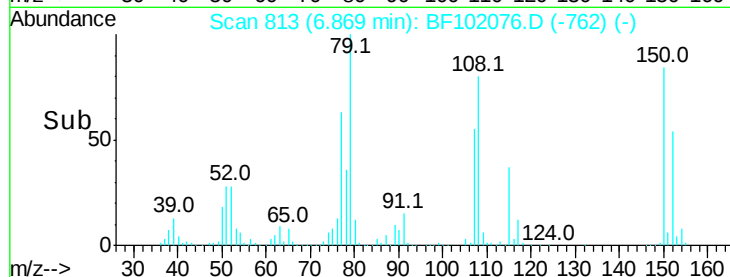
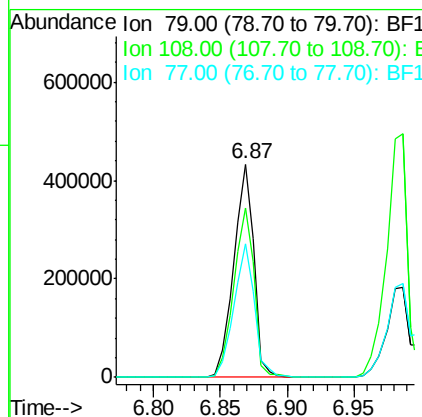
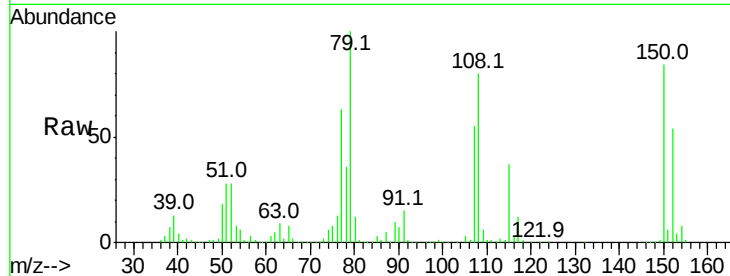
77 62.6 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.227 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

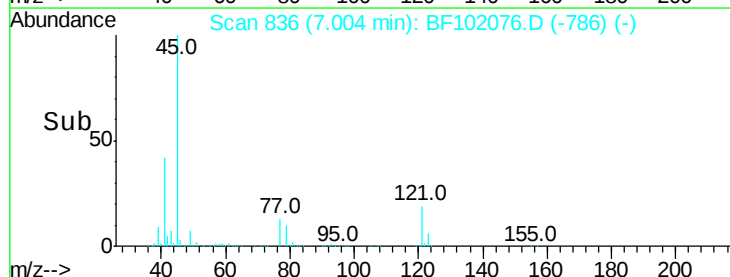
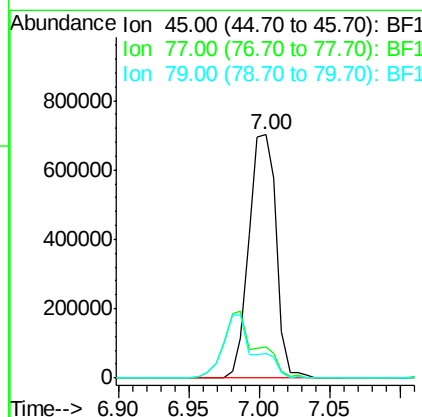
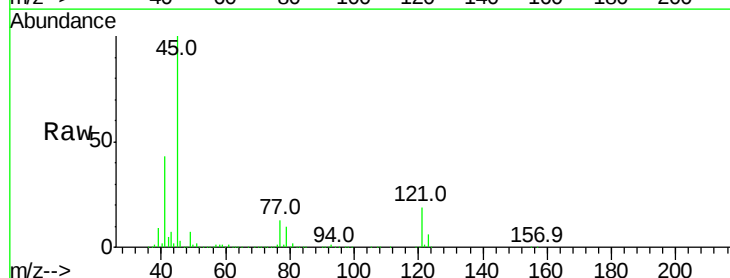
Tgt Ion: 45 Resp: 954135

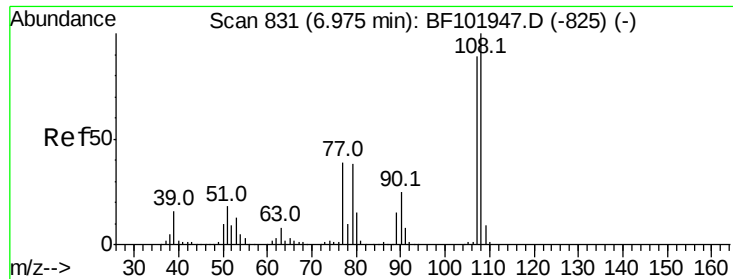
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 10.1 0.0 29.6





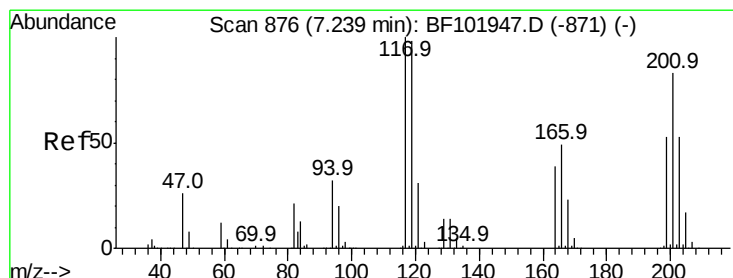
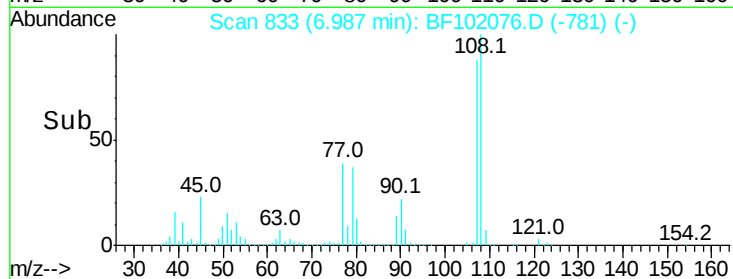
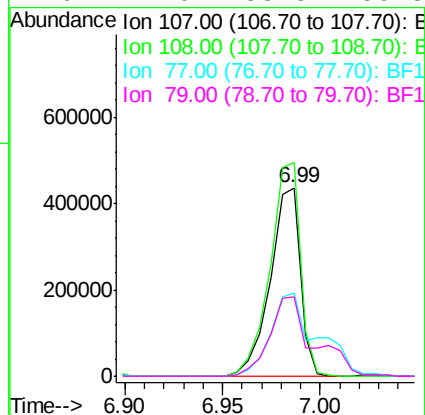
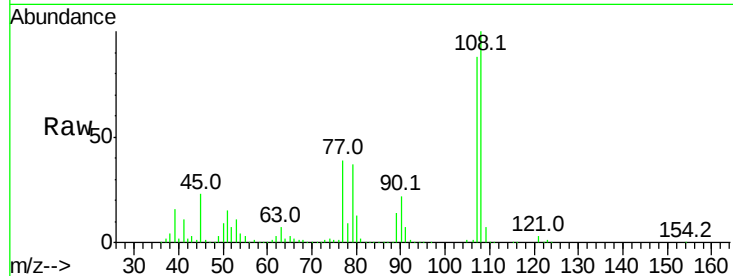
#17
2-Methylphenol
Concen: 35.095 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	43.8	33.8	50.8
79	42.0	33.8	50.8

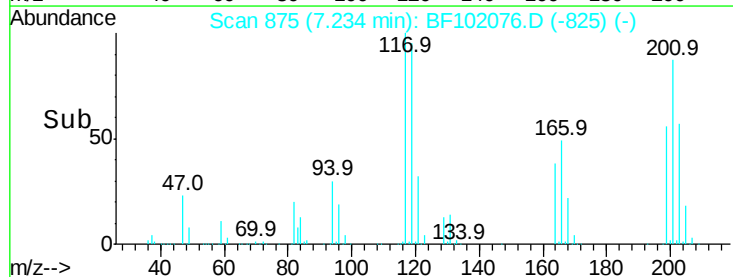
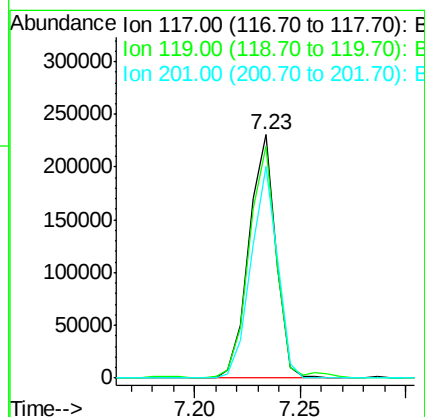
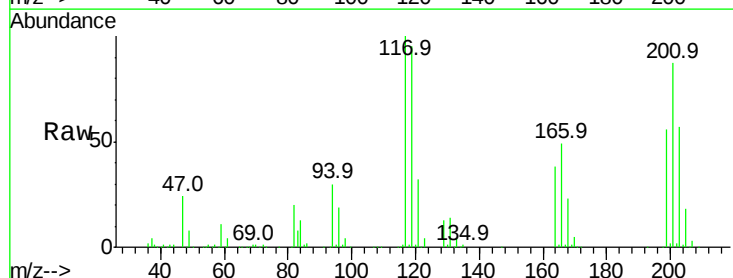
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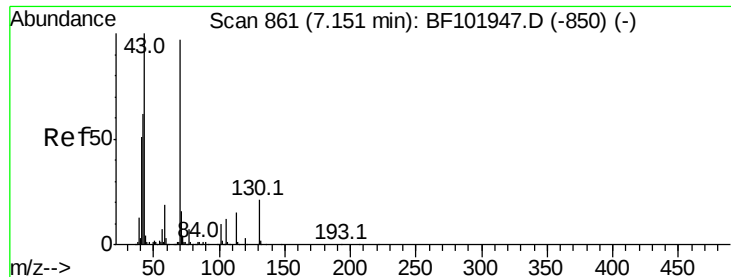
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#18
Hexachloroethane
Concen: 34.096 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	86.7	75.7	113.5





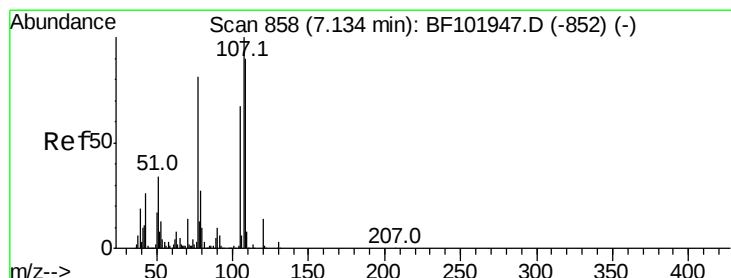
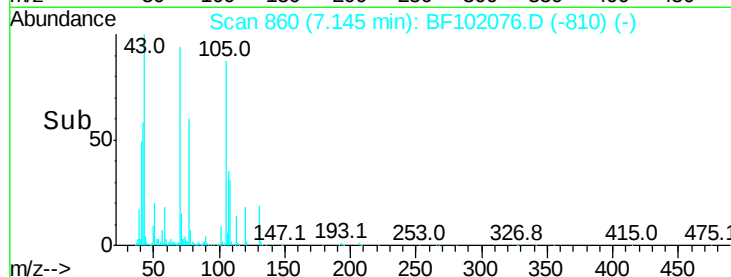
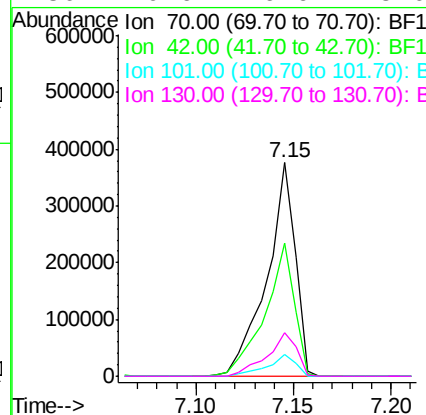
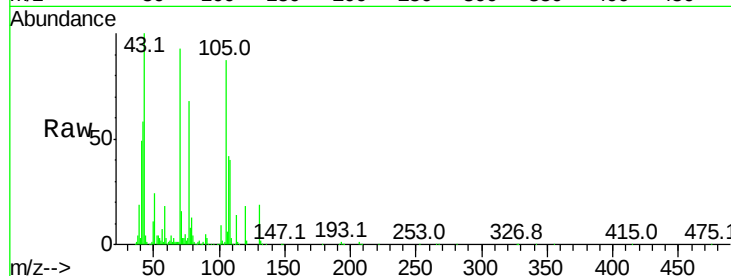
#19
n-Nitroso-di-n-propylamine
Concen: 33.057 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	70	Resp	380853
Ion Ratio	Lower	Upper	
70	100		
42	62.6	47.5	71.3
101	10.0	7.4	11.2
130	20.6	16.6	25.0

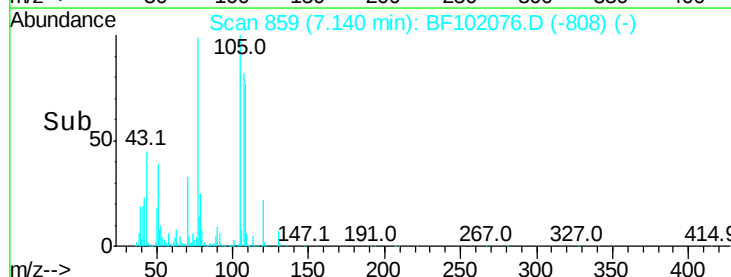
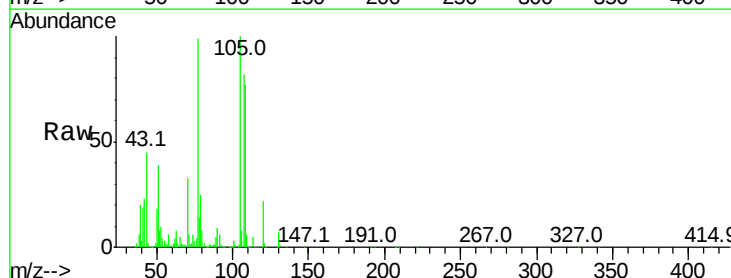
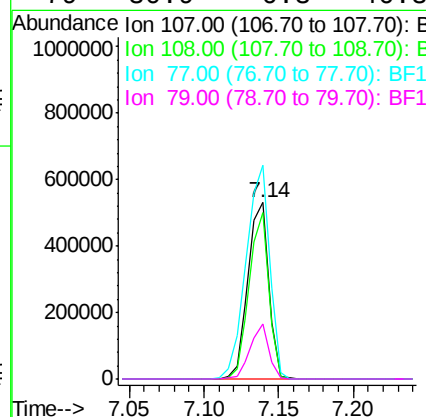
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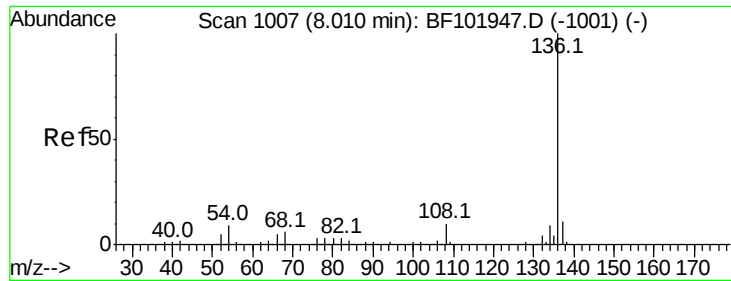
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#20
3+4-Methylphenols
Concen: 32.125 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	107	Resp	514229
Ion Ratio	Lower	Upper	
107	100		
108	94.0	68.2	108.2
77	121.1	26.7	66.7#
79	30.9	6.3	46.3





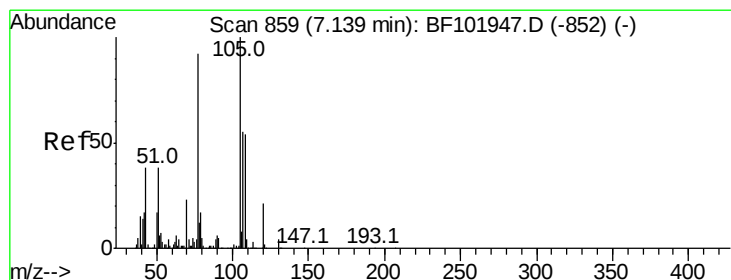
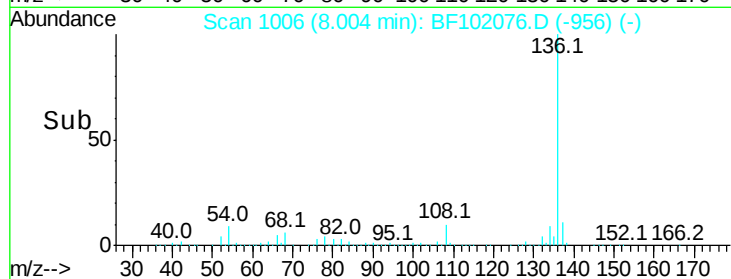
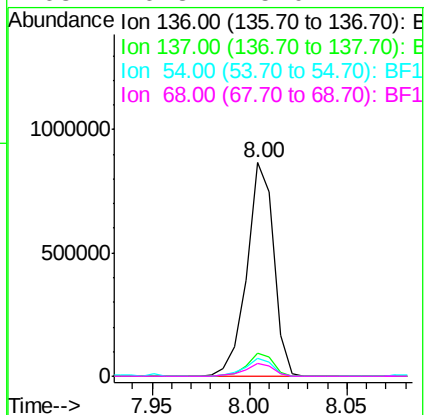
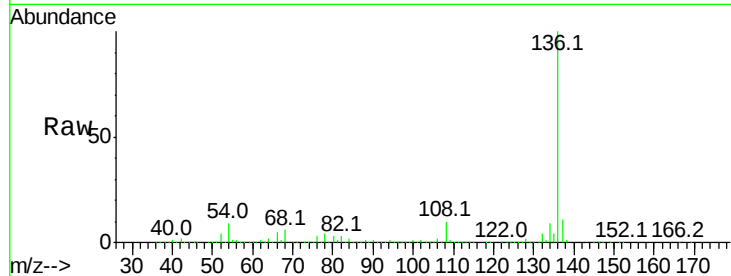
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	821034		
137	11.0		8.9	13.3
54	8.7		6.6	9.8
68	6.3		5.0	7.4

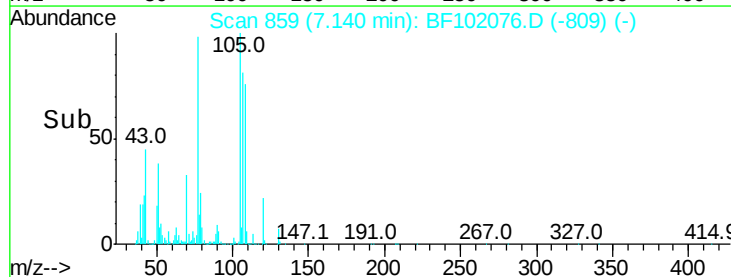
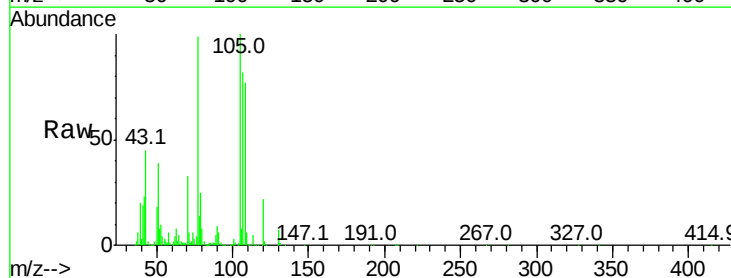
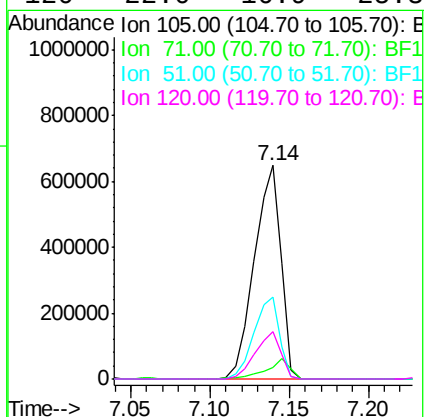
Manual Integrations
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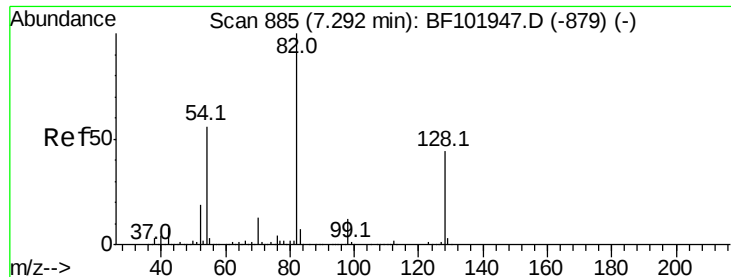
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#22
Acetophenone
Concen: 38.285 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757367		
71	5.5		4.4	6.6
51	38.6		22.3	33.5#
120	22.0		16.9	25.3





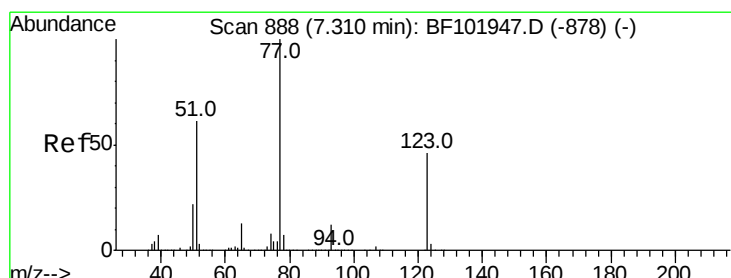
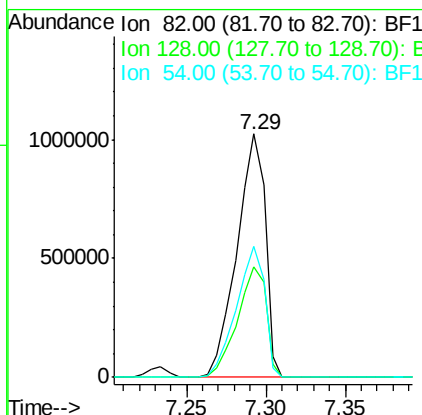
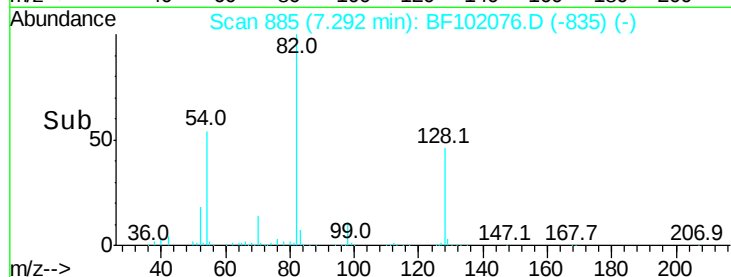
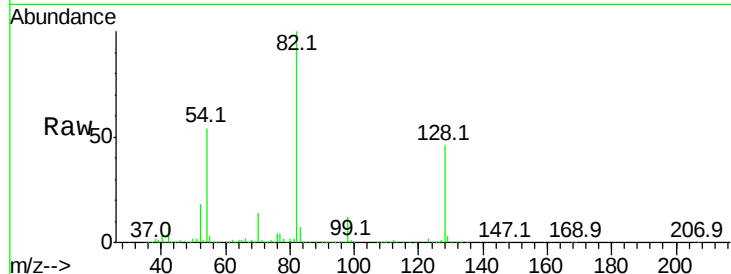
#23
Nitrobenzene-d5
Concen: 90.516 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.8	41.4	62.2

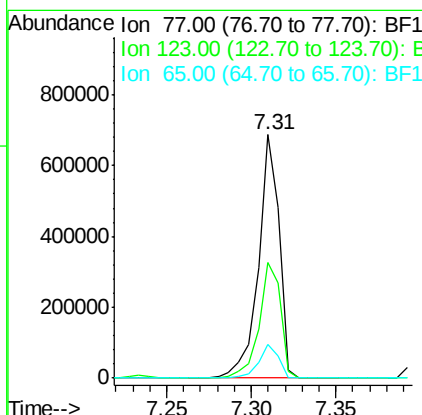
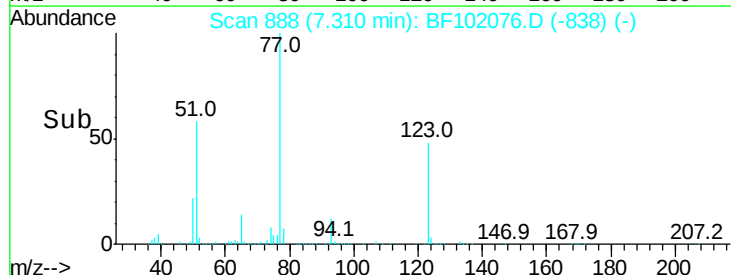
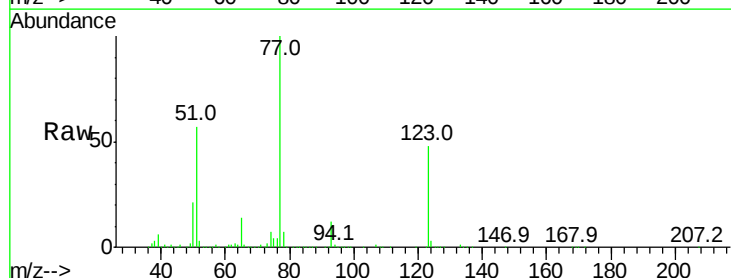
Manual Integrations
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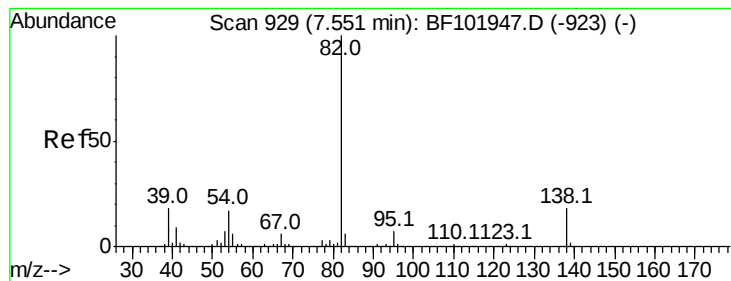
Sohil
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#24
Nitrobenzene
Concen: 39.063 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 38.759 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion: 82 Resp: 1070011

Ion Ratio Lower Upper

82 100

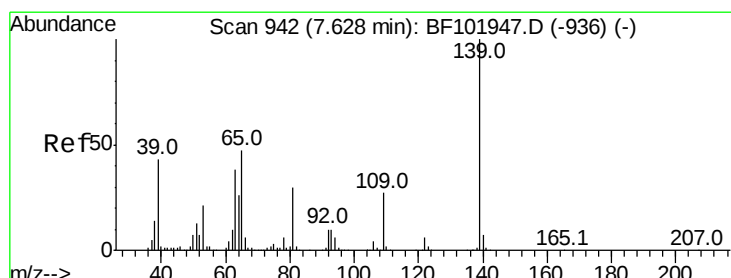
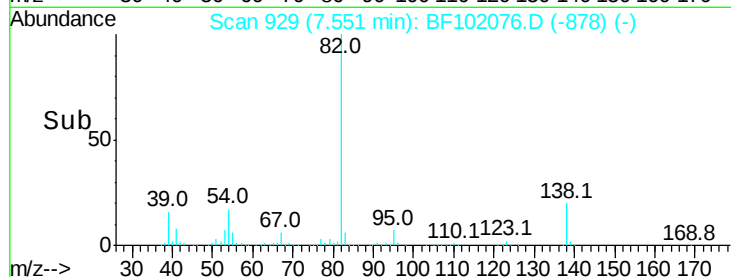
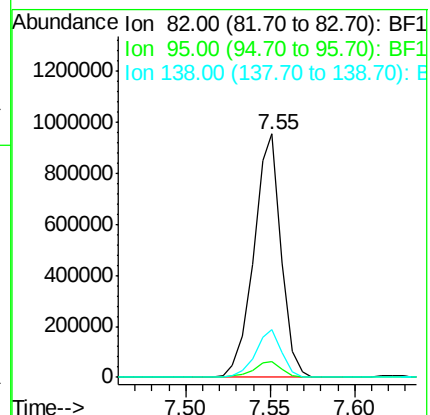
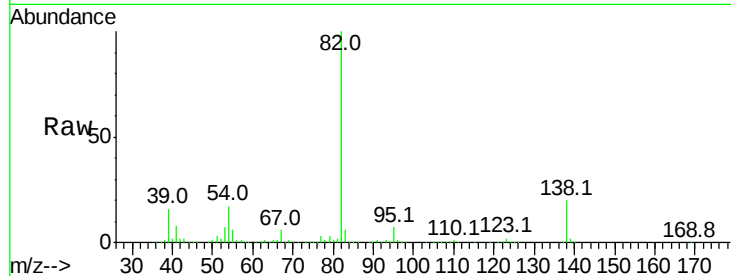
95 6.7 5.2 7.8

138 19.6 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.698 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

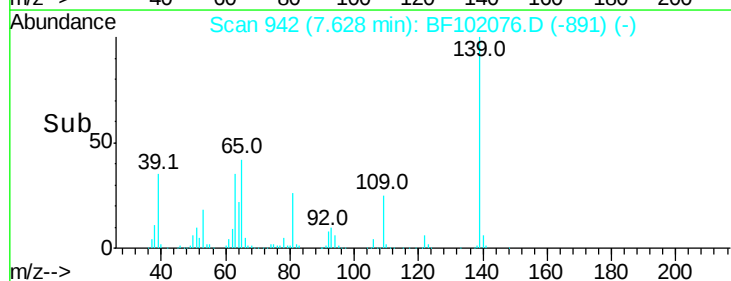
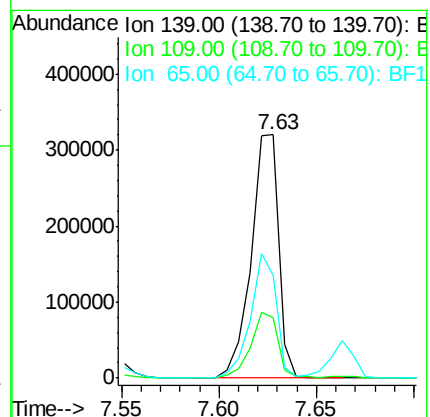
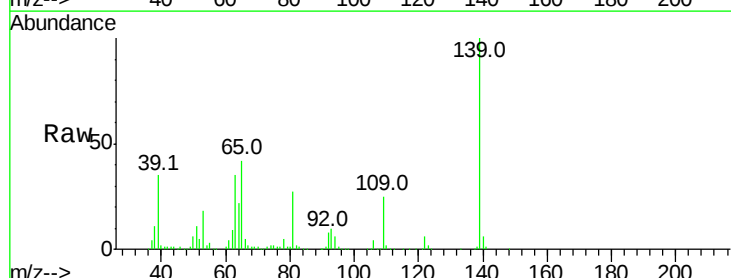
Tgt Ion: 139 Resp: 312288

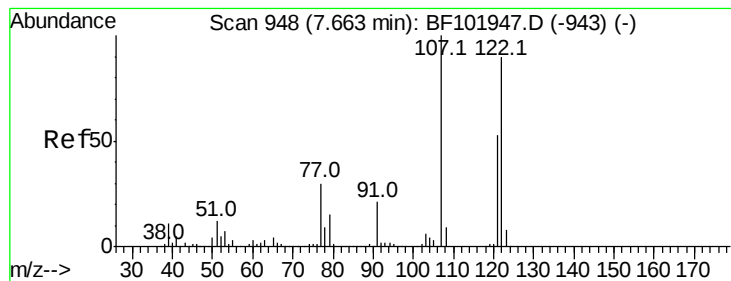
Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

65 42.4 40.5 60.7





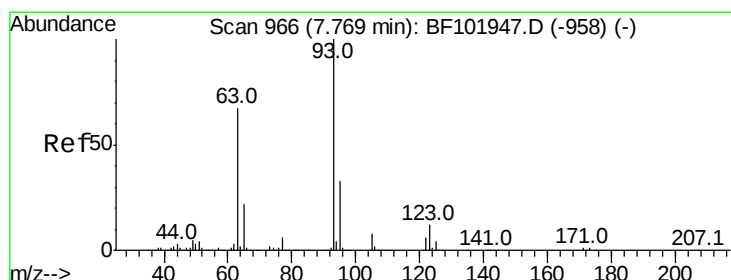
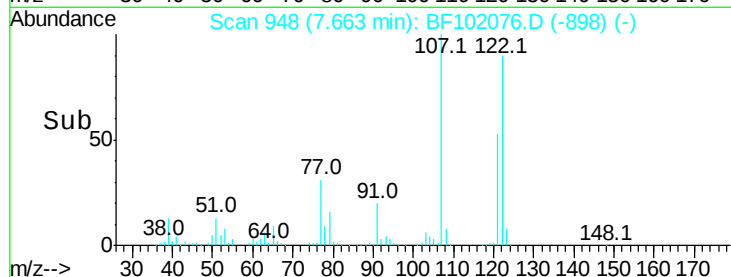
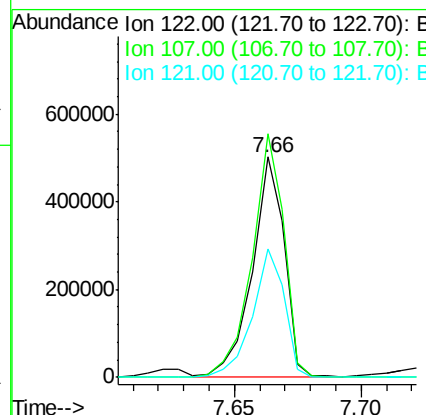
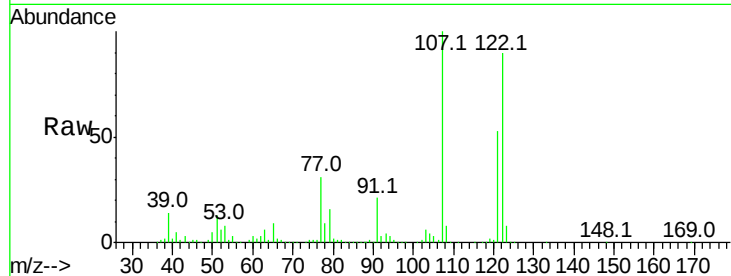
#27
 2,4-Dimethylphenol
 Concen: 37.663 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	58.3	47.2	70.8

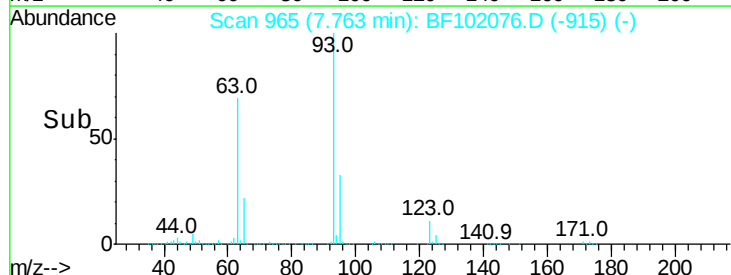
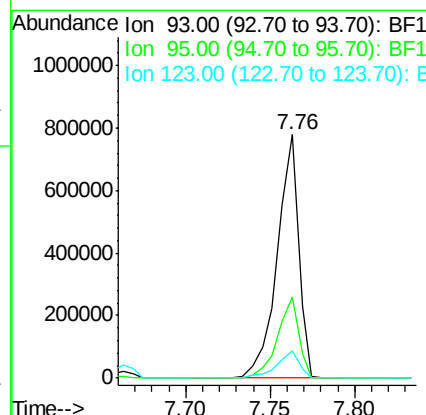
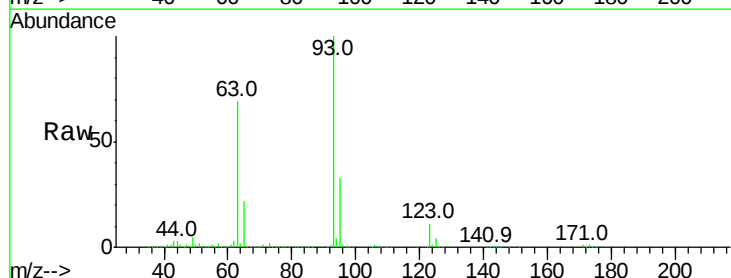
Manual Integrations
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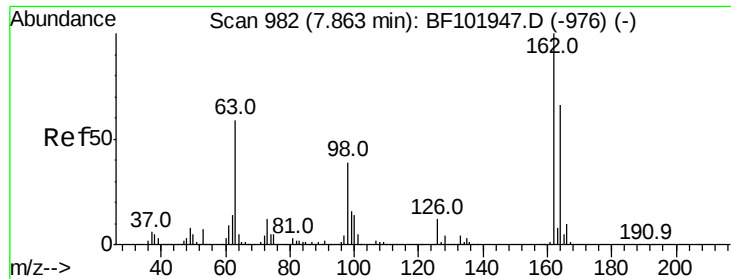
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.895 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6





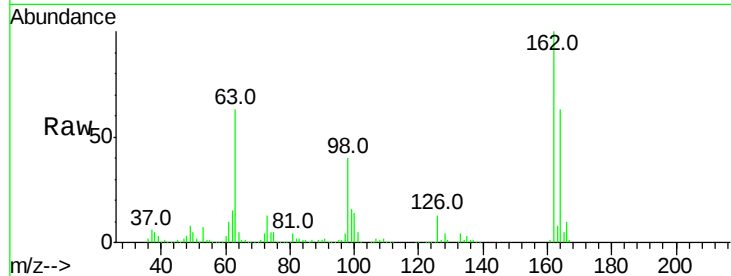
#29
2,4-Dichlorophenol
Concen: 40.072 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

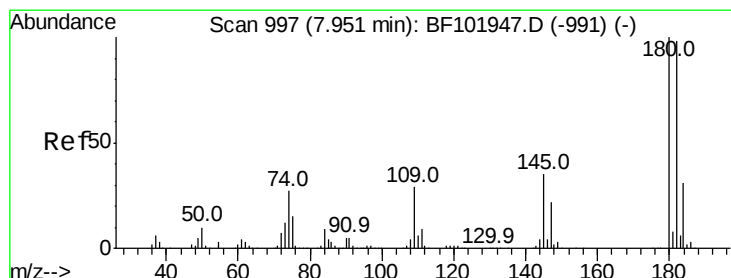
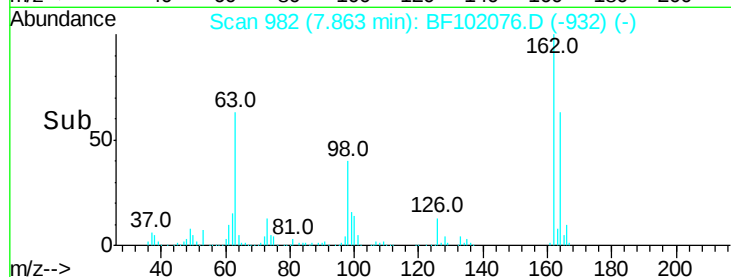
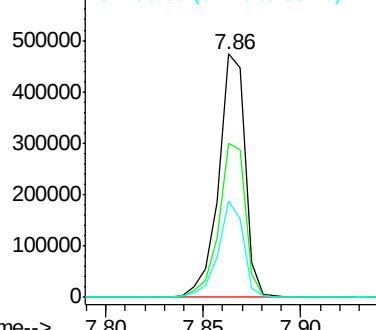
Tot Ion	Ratio	Resp	Lower	Upper
162	100	446535		
164	63.1		42.7	82.7
98	39.6		18.1	58.1

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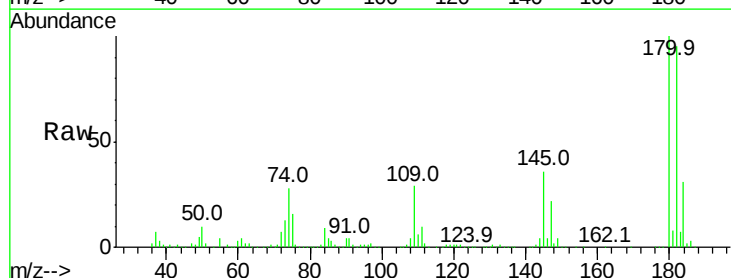


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

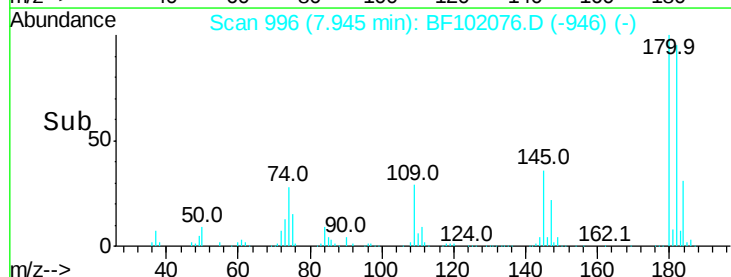
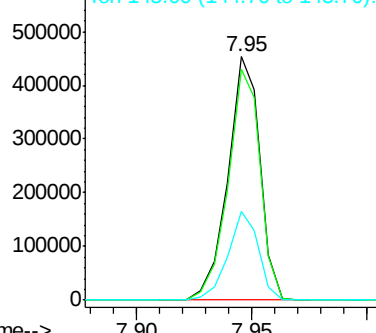


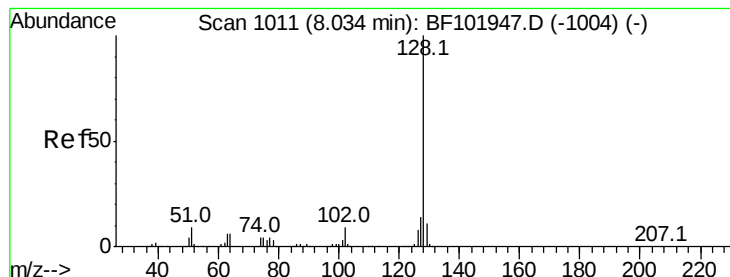
#30
1,2,4-Trichlorobenzene
Concen: 37.542 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	437585		
182	94.8		76.8	115.2
145	36.4		26.5	39.7



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





#31

Naphthalene

Concen: 37.420 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:128 Resp: 1535168

Ion Ratio Lower Upper

128 100

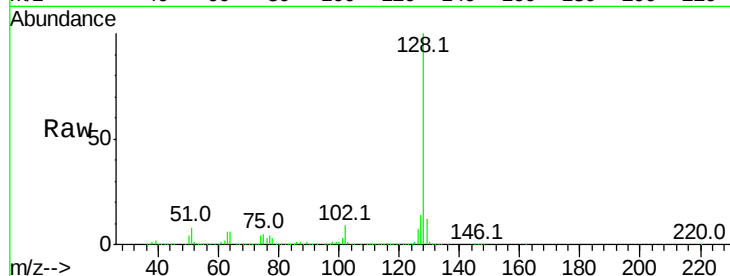
129 11.7 8.8 13.2

127 13.5 10.9 16.3

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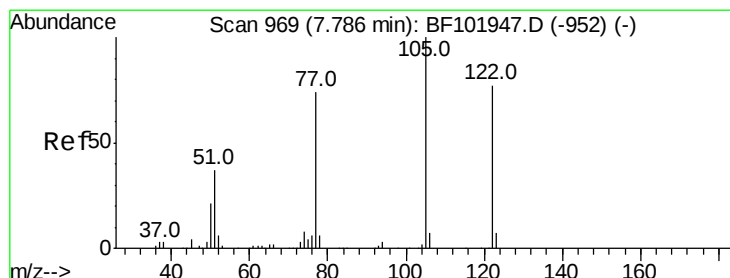
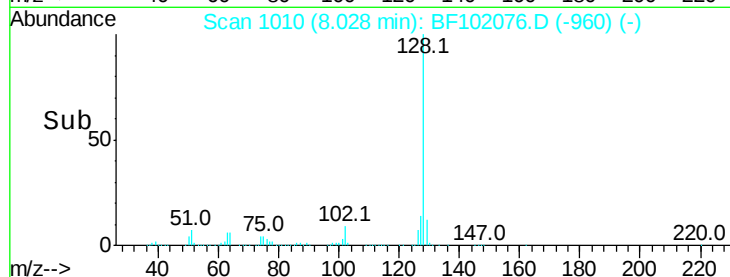
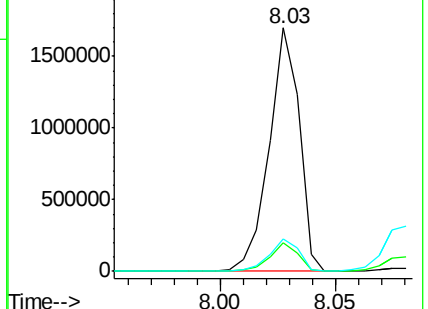
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.457 ng m

RT: 7.75 min Scan# 962

Delta R.T. -0.04 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

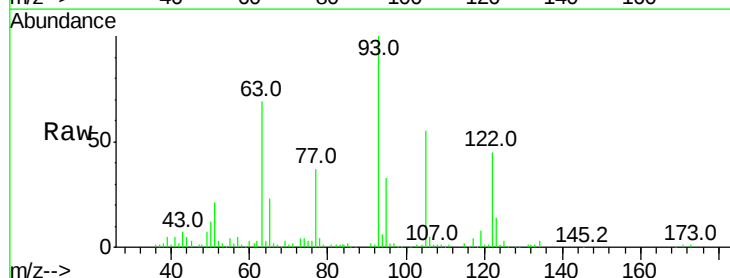
Tgt Ion:122 Resp: 75262

Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

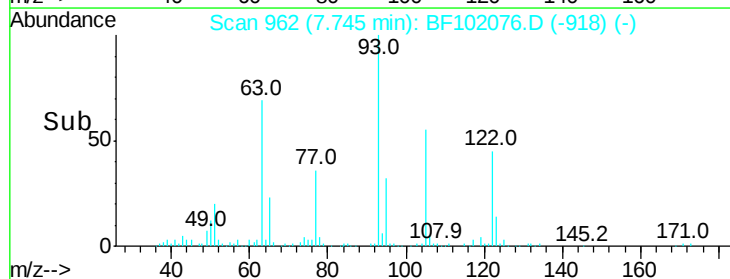
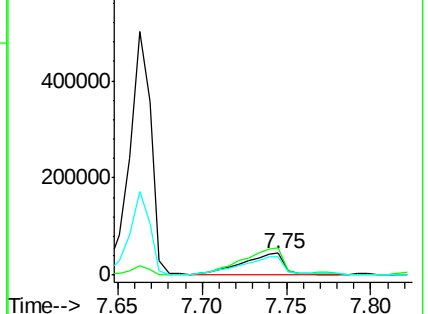
77 82.7 70.7 110.7

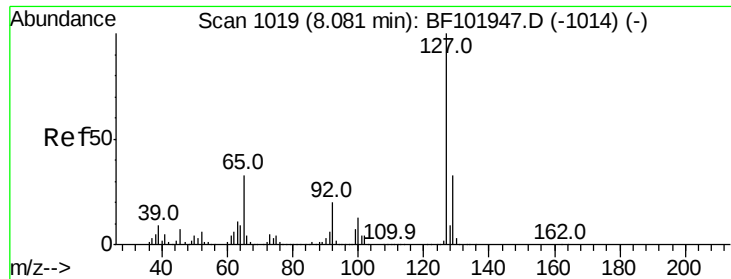


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





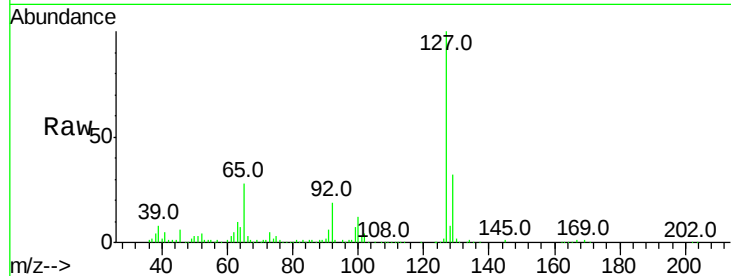
#33
4-Chloroaniline
Concen: 18.139 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

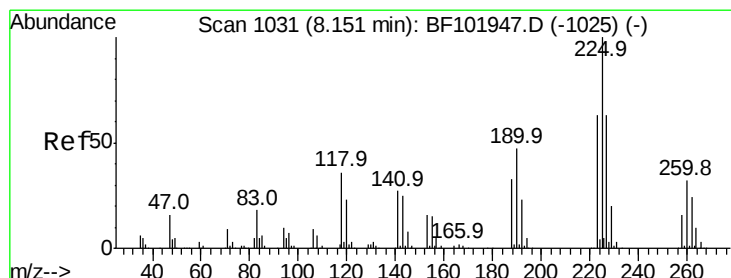
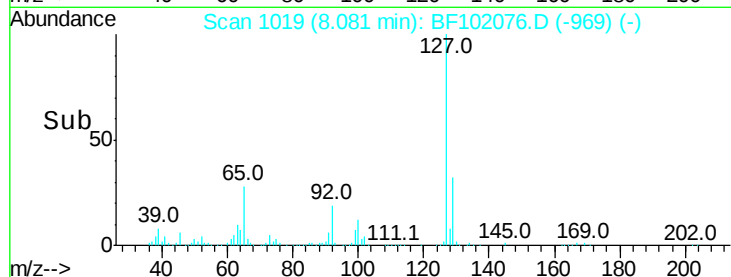
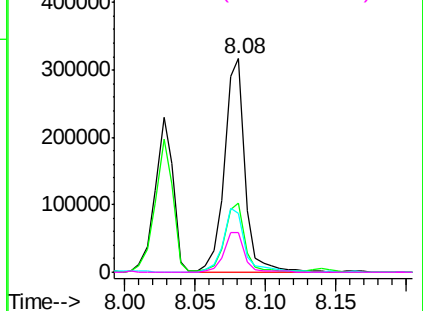
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	27.9	25.0	37.4	
92	18.7	15.2	22.8	

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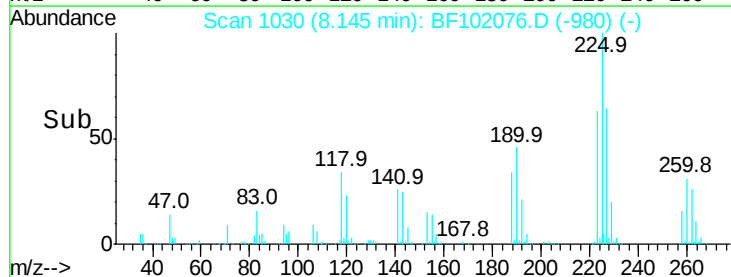
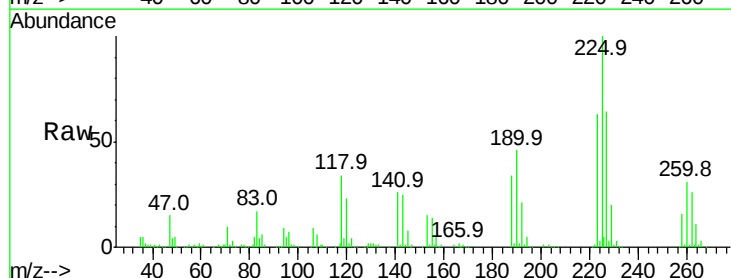
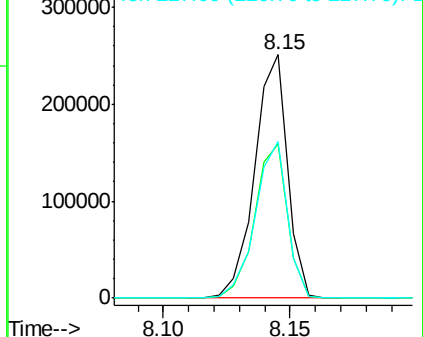
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

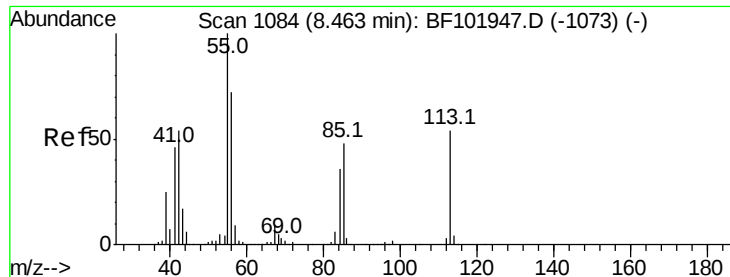


#34
Hexachlorobutadiene
Concen: 36.705 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	64.1	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





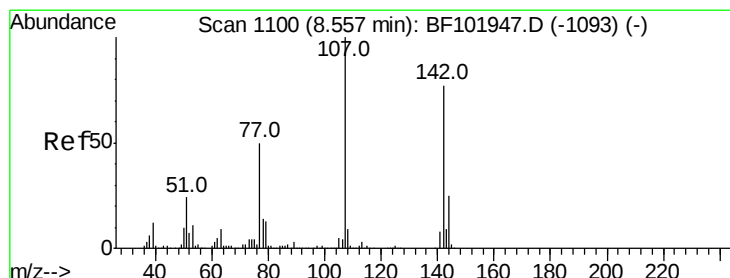
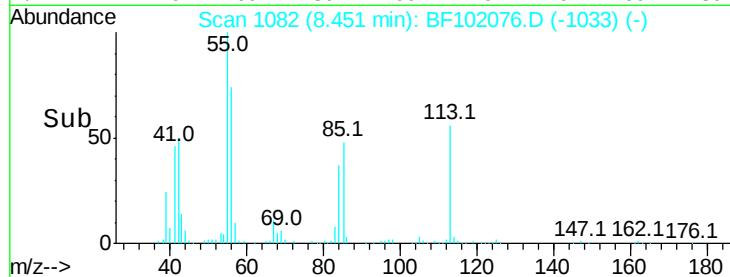
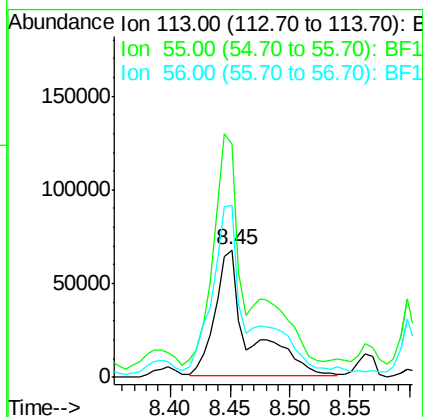
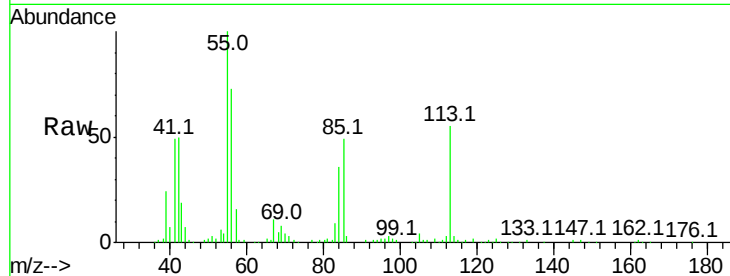
#35
 Caprolactam
 Concen: 35.519 ng/ml
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.2	163.3	203.3
56	134.5	115.7	155.7

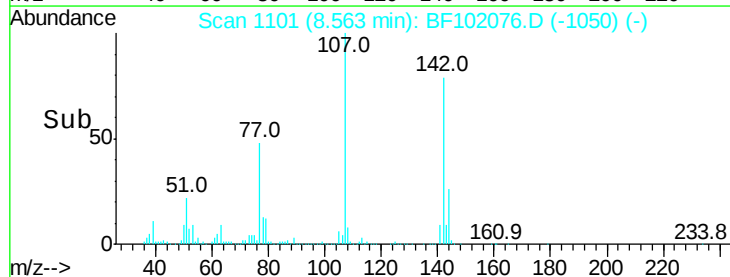
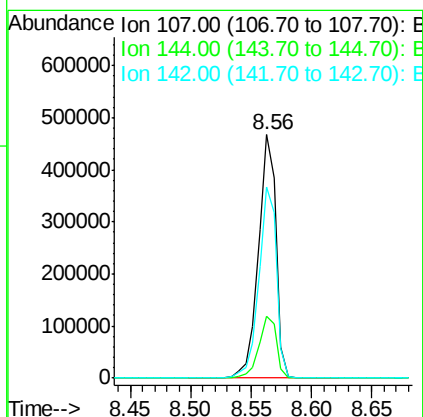
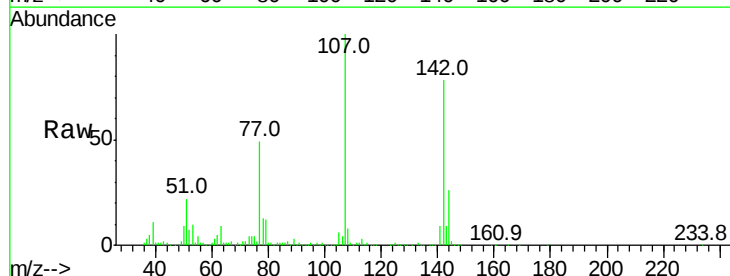
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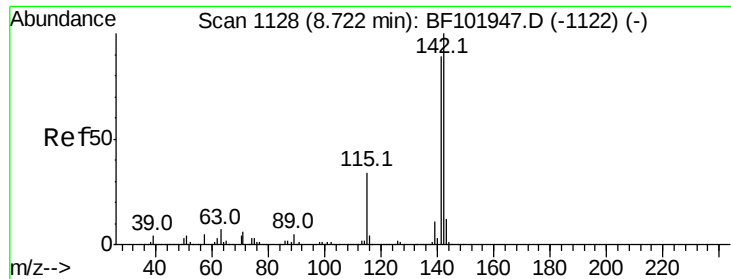
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#36
 4-Chloro-3-methylphenol
 Concen: 39.011 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	78.5	62.0	93.0





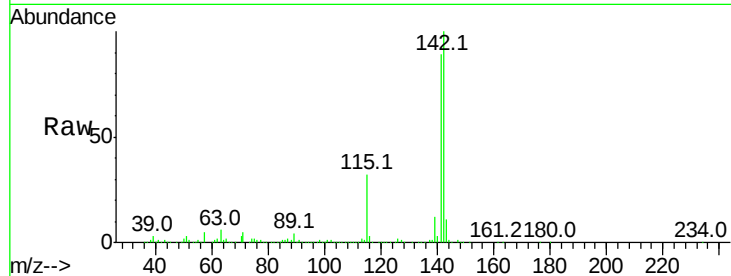
#37
2-Methylnaphthalene
Concen: 37.614 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	31.8	26.1	39.1

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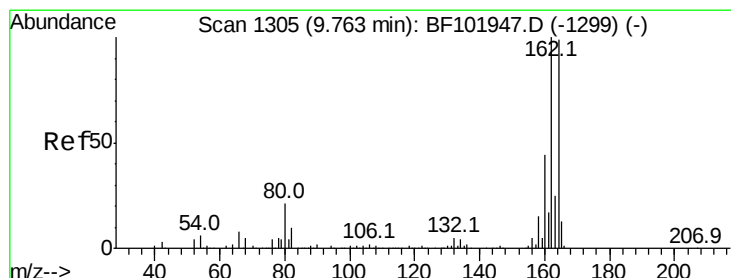
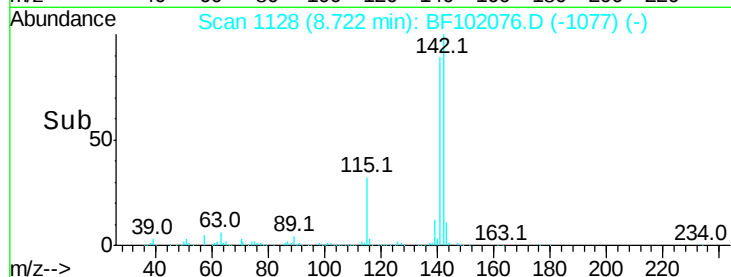
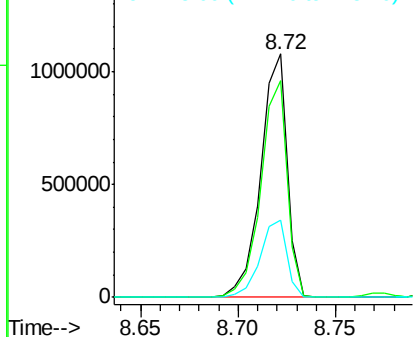


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

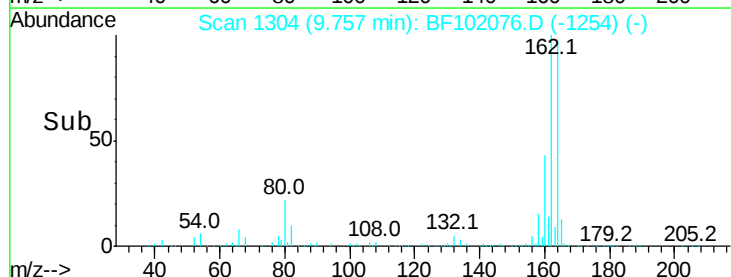
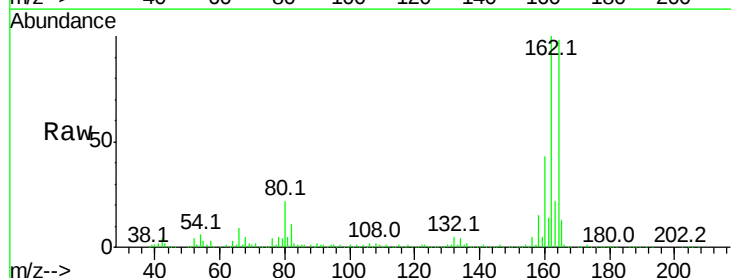
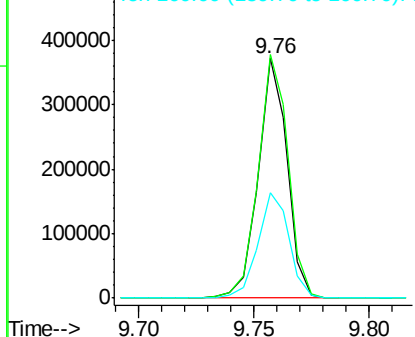
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	44.0	38.3	57.5

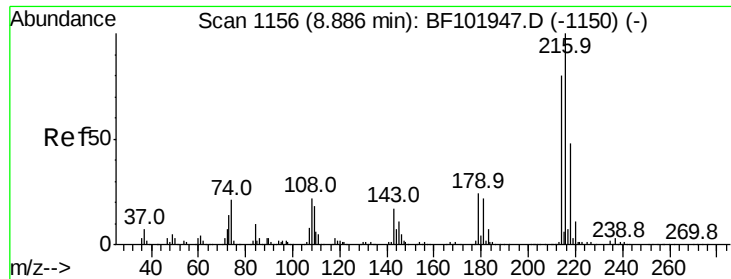
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





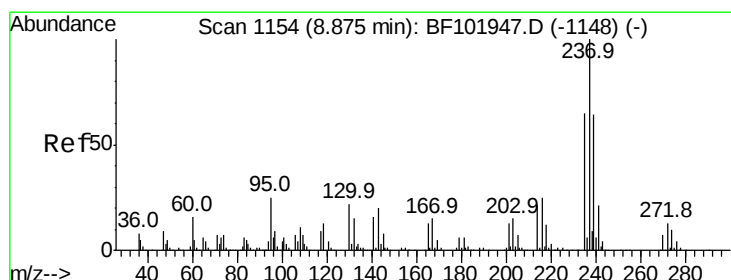
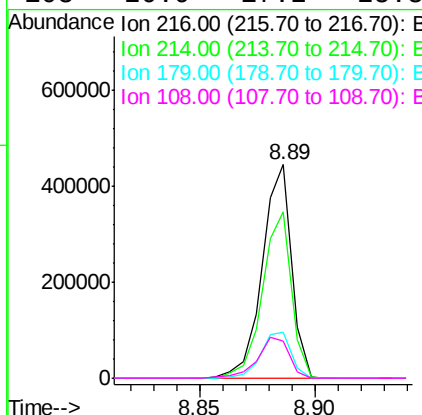
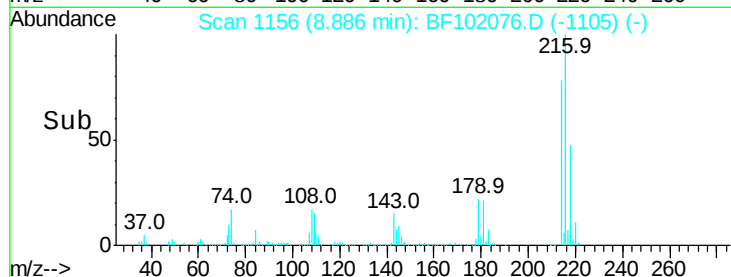
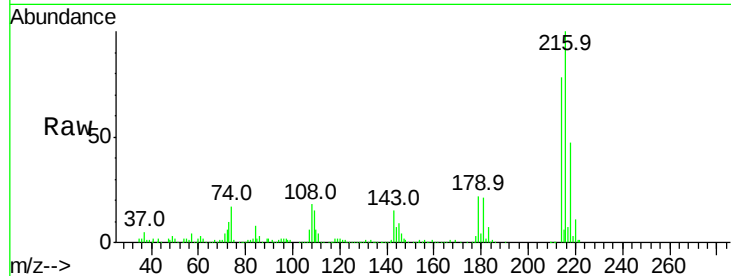
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.844 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	393287		
214	77.3	63.0	94.4	
179	22.8	18.1	27.1	
108	20.9	17.2	25.8	

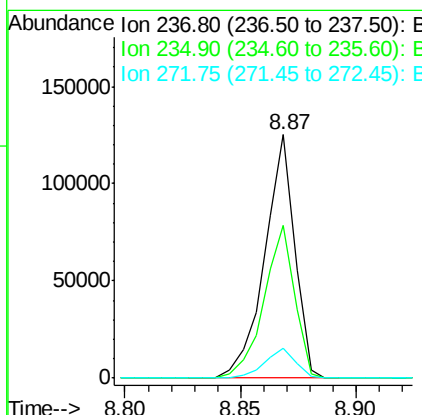
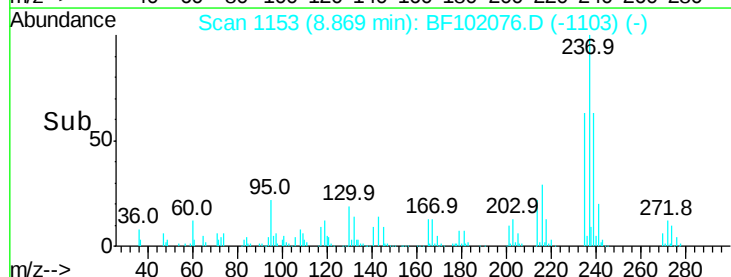
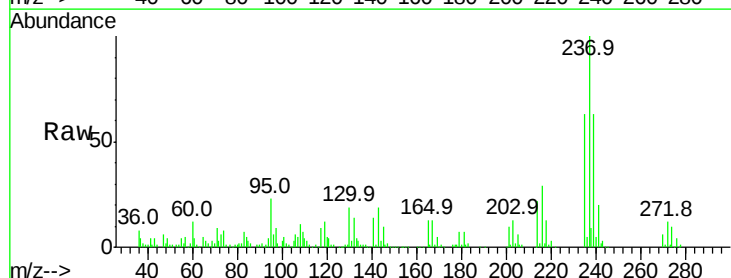
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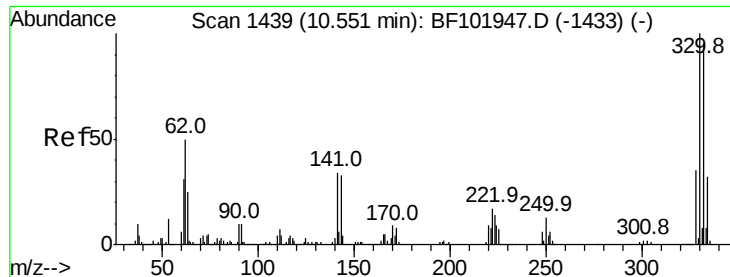
Sohil
 1/16/2018 5:01:24 PM



#40
 Hexachlorocyclopentadiene
 Concen: 22.612 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	113517		
235	62.6	44.8	84.8	
272	12.3	0.0	33.3	





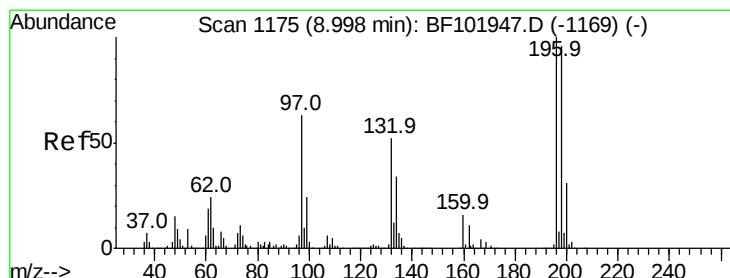
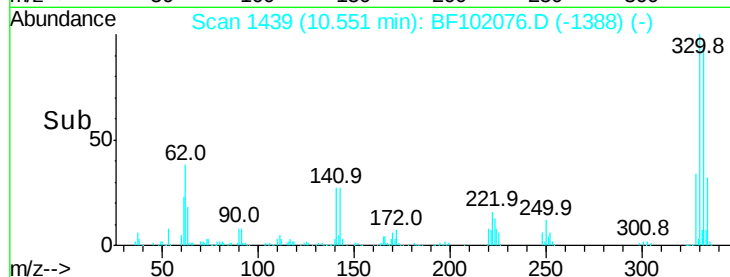
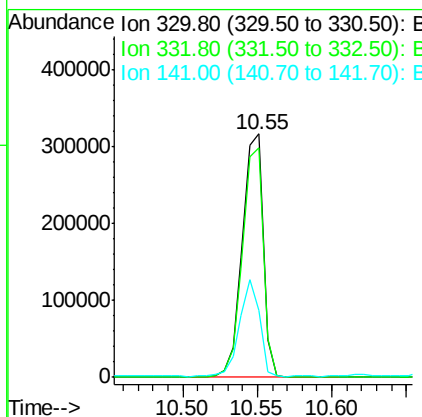
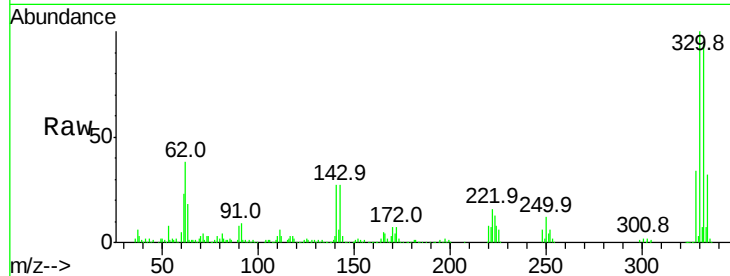
#41
 2,4,6-Tribromophenol
 Concen: 109.715 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.3	77.0	115.6	
141	37.5	29.9	44.9	

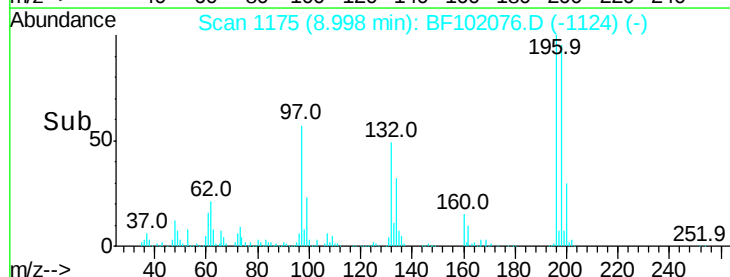
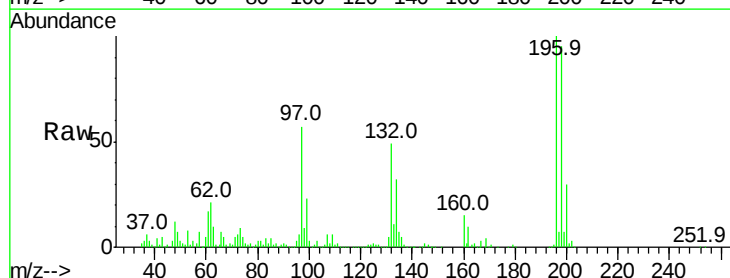
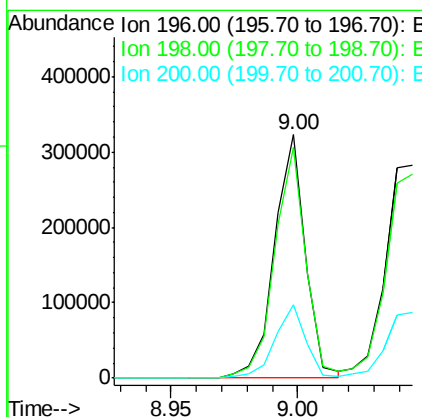
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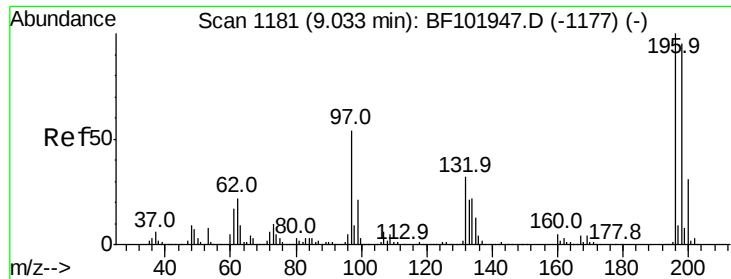
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#42
 2,4,6-Trichlorophenol
 Concen: 43.896 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.7	113.5	
200	30.2	24.5	36.7	





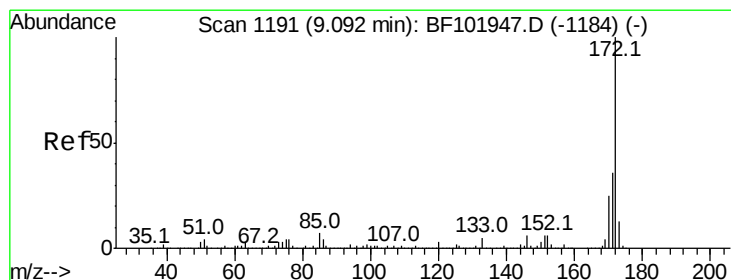
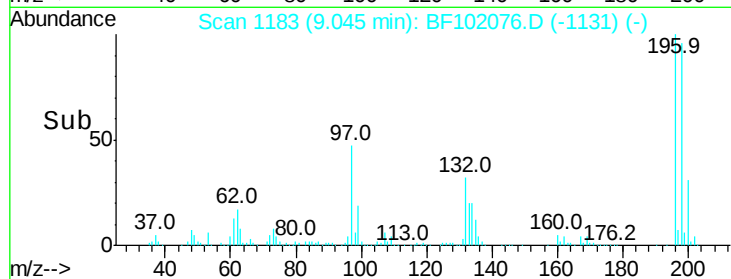
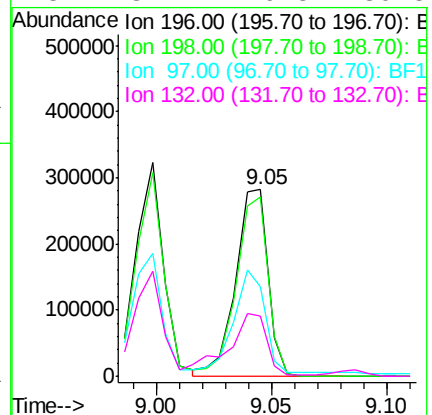
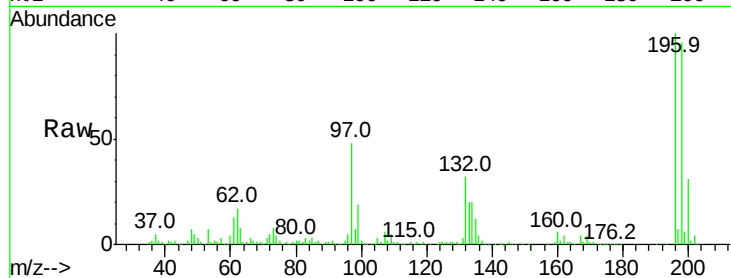
#43
 2,4,5-Trichlorophenol
 Concen: 38.845 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277723		
198	96.0	74.6	112.0	
97	47.8	42.9	64.3	
132	32.4	26.3	39.5	

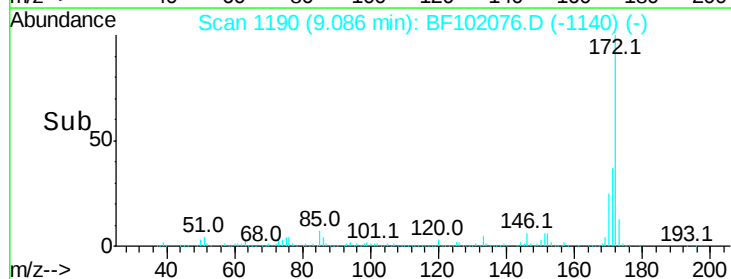
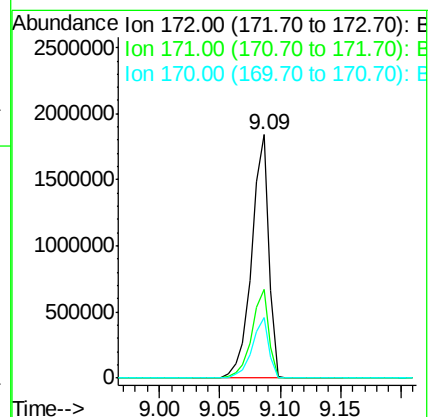
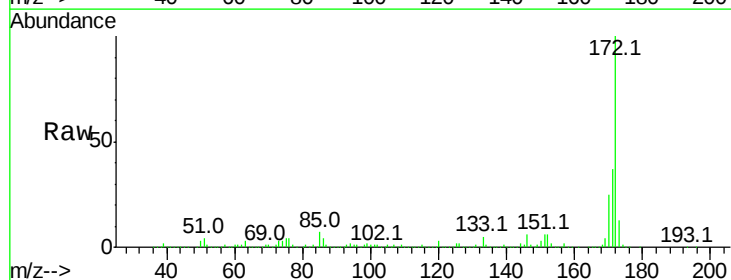
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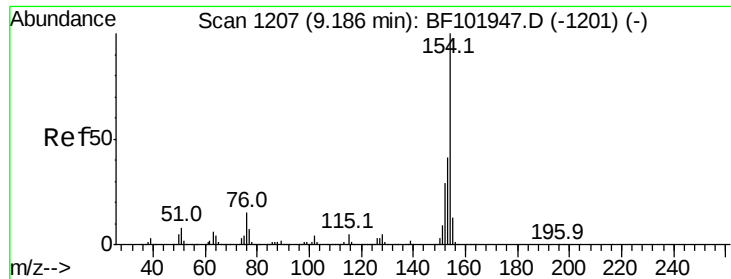
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#44
 2-Fluorobiphenyl
 Concen: 87.495 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1817197		
171	36.6	29.7	44.5	
170	24.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 39.127 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

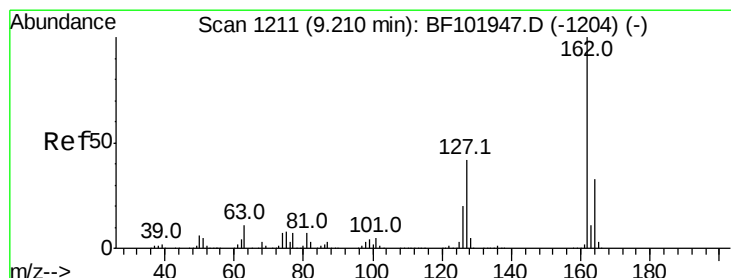
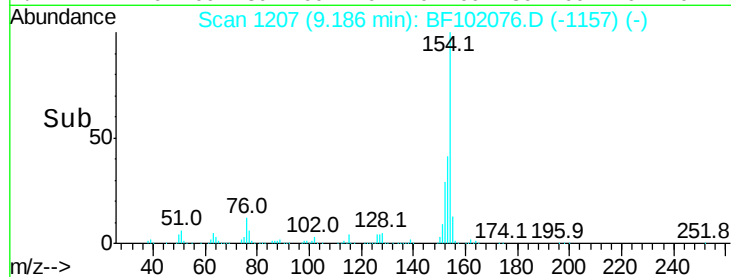
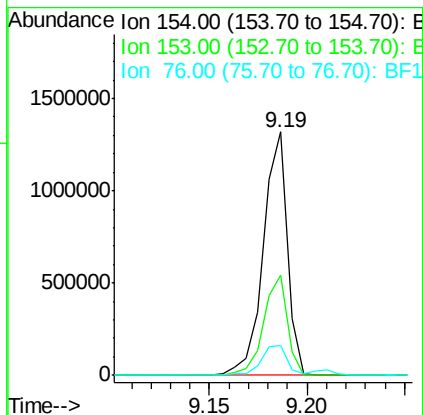
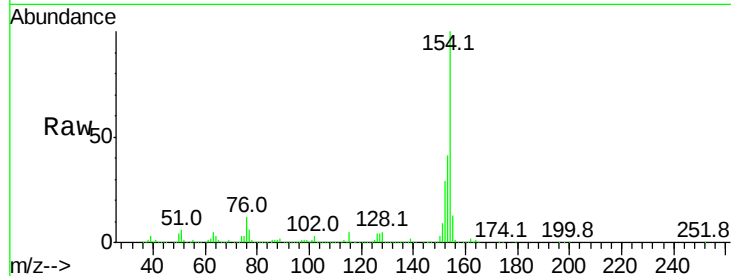
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	154	Resp:	1122151
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.2	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 38.207 ng

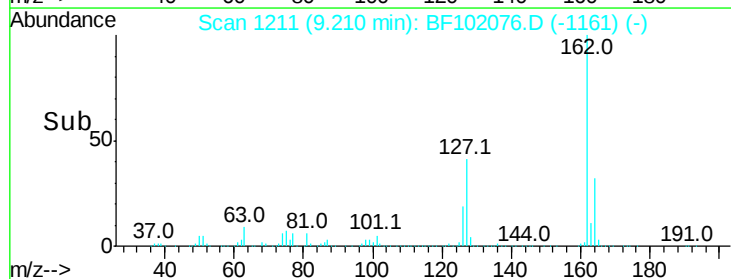
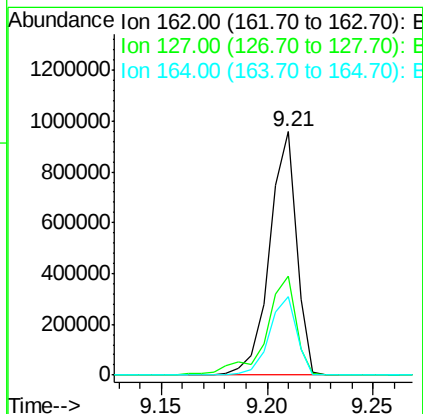
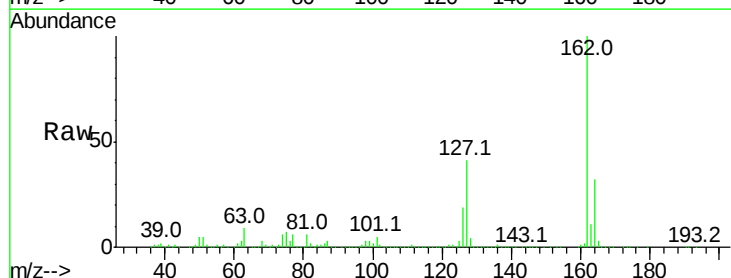
RT: 9.21 min Scan# 1211

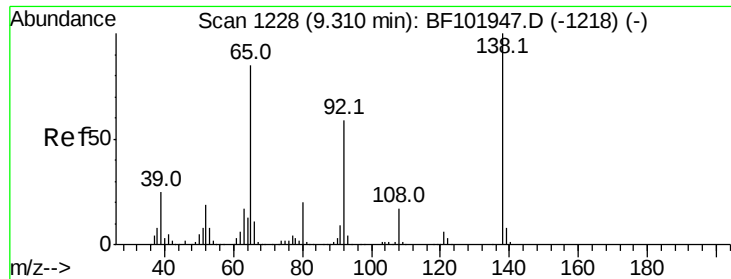
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	162	Resp:	849716
Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	32.4	26.5	39.7





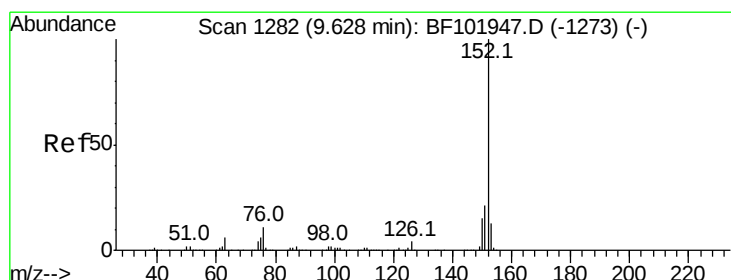
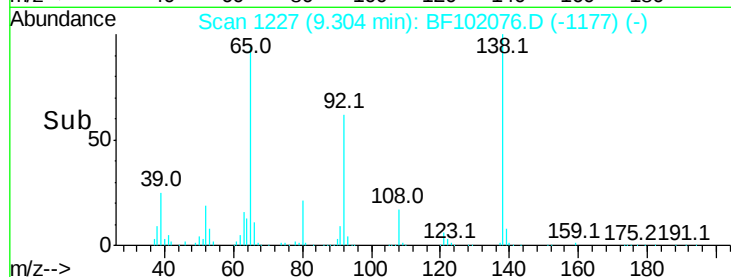
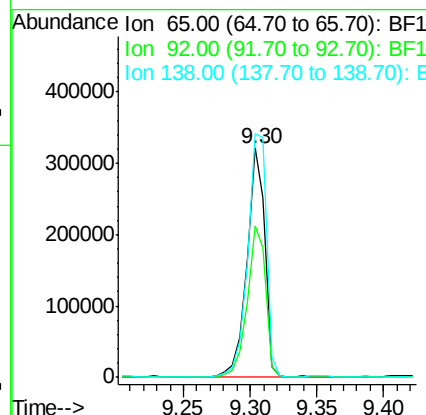
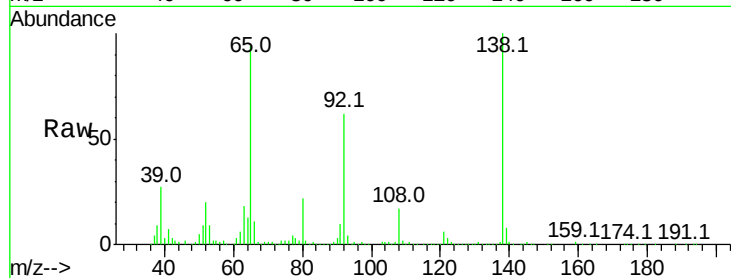
#47
2-Nitroaniline
Concen: 44.431 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.8	83.6
138	106.3	91.2	136.8

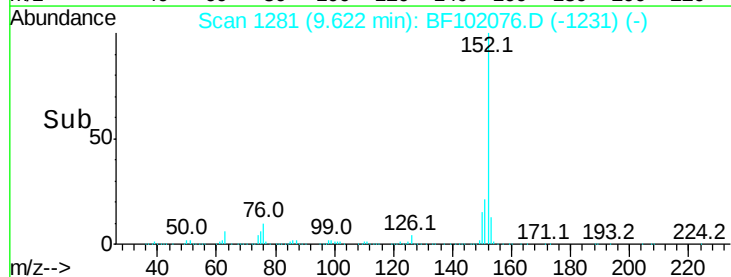
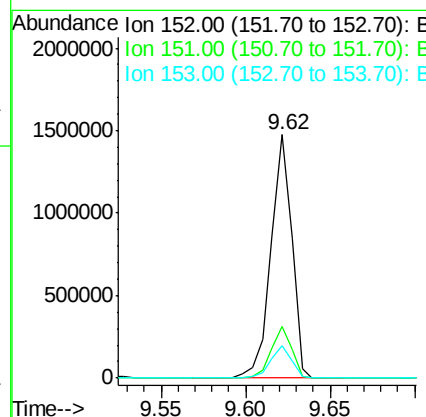
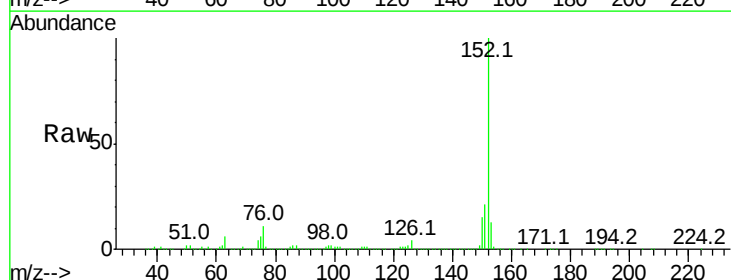
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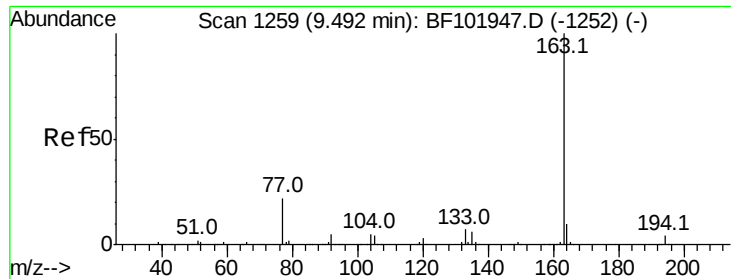
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#48
Acenaphthylene
Concen: 35.758 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 45.599 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:163 Resp: 1186912

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

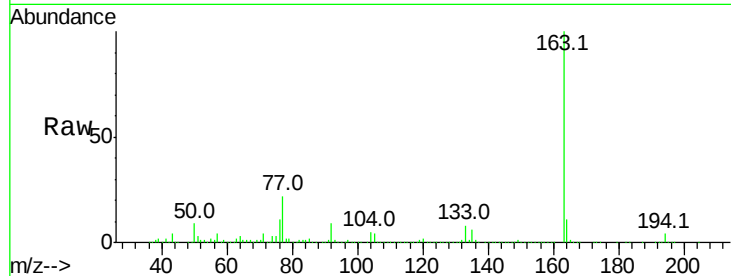
164 10.6 8.2 12.2

Manual Integrations

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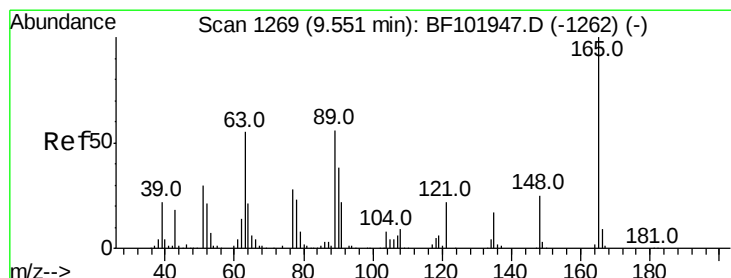
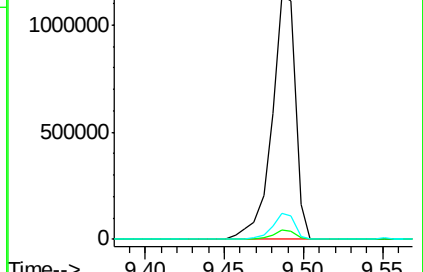
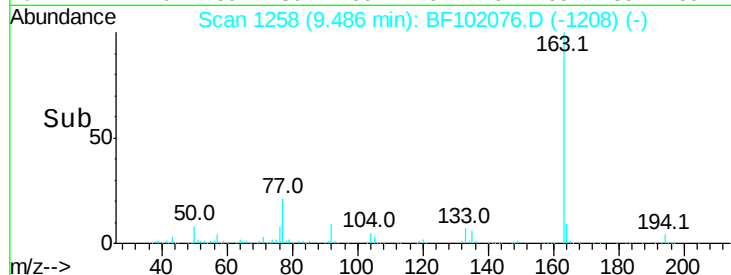
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.217 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

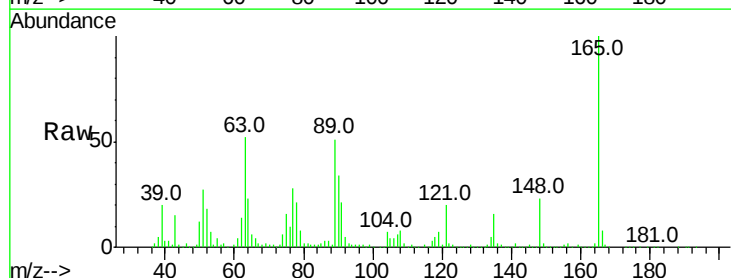
Tgt Ion:165 Resp: 224700

Ion Ratio Lower Upper

165 100

63 52.0 44.7 67.1

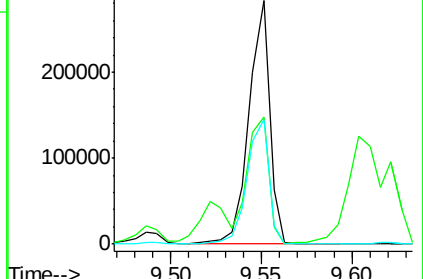
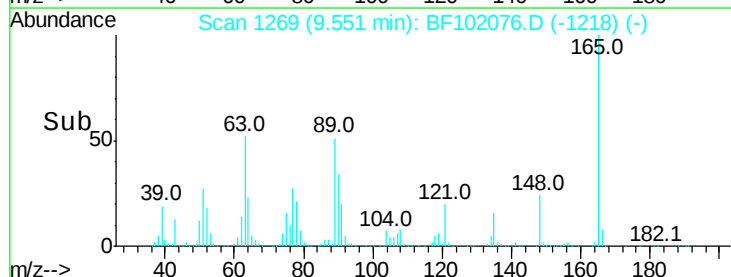
89 51.2 44.0 66.0

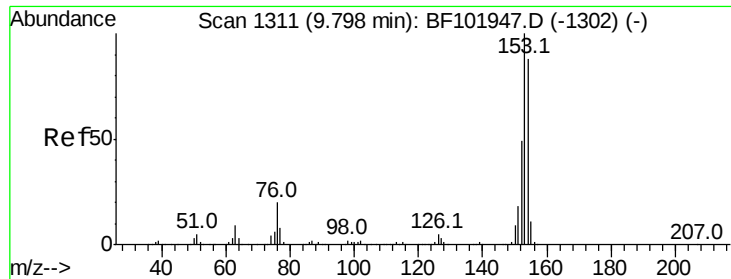


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.476 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

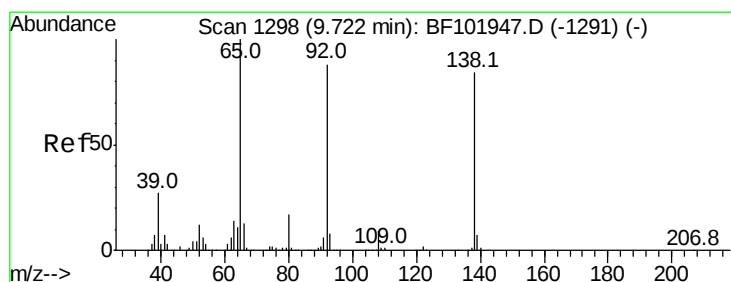
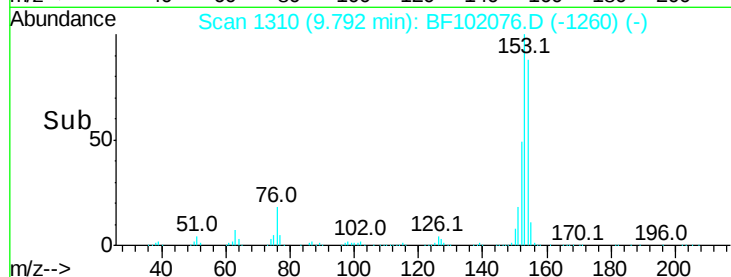
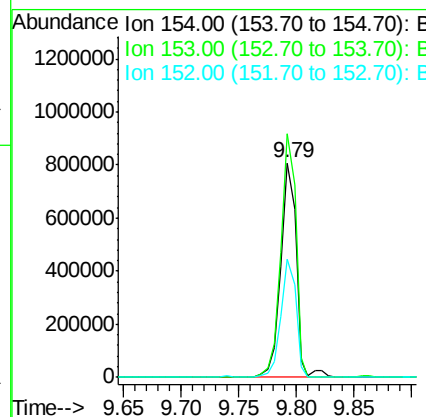
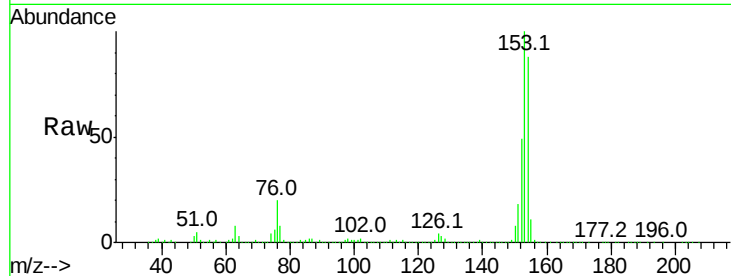
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	154	Resp:	759983
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	55.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 34.482 ng

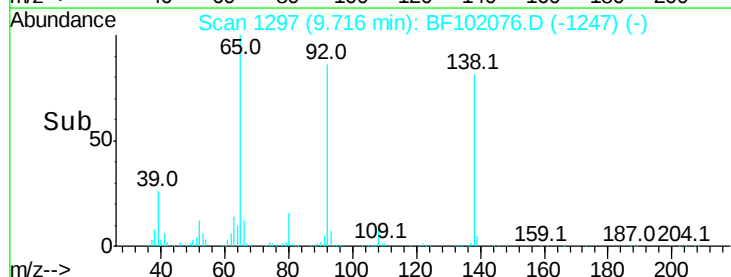
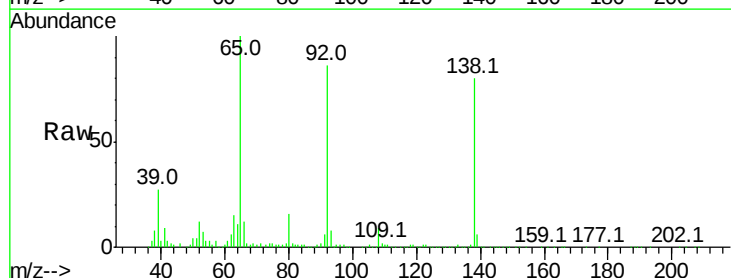
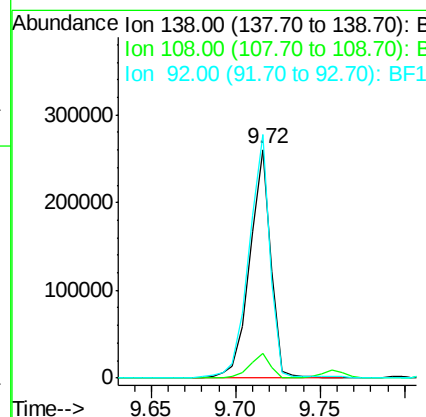
RT: 9.72 min Scan# 1297

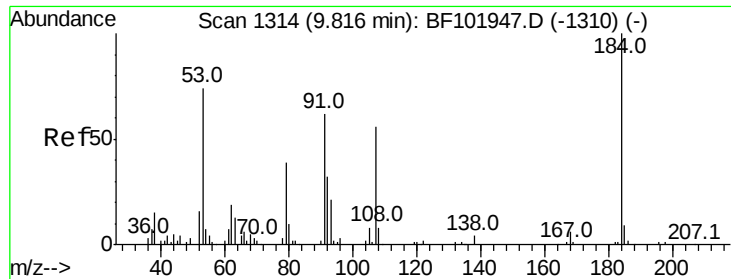
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	138	Resp:	226271
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	106.6	89.4	134.2





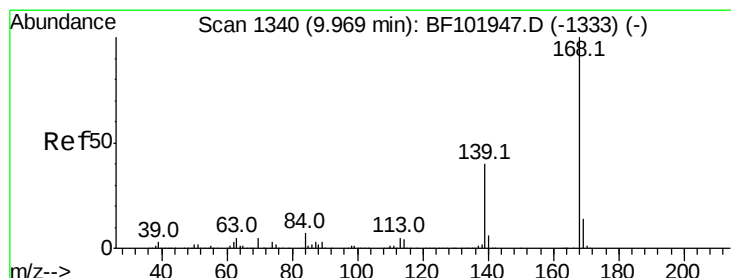
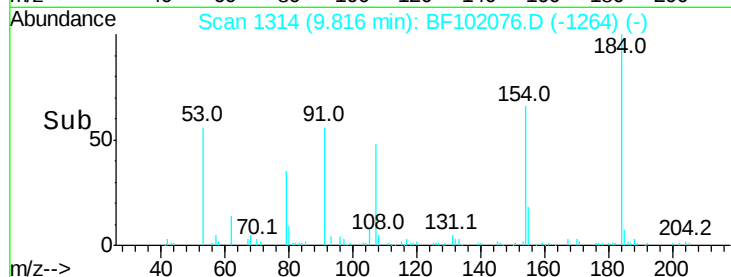
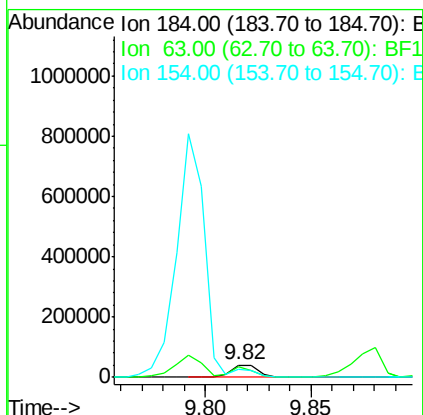
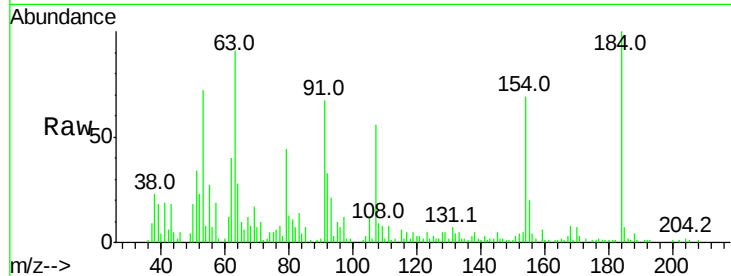
#53
2,4-Dinitrophenol
Concen: 24.733 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.3	54.2	81.2#
154	68.7	184.0	276.0#

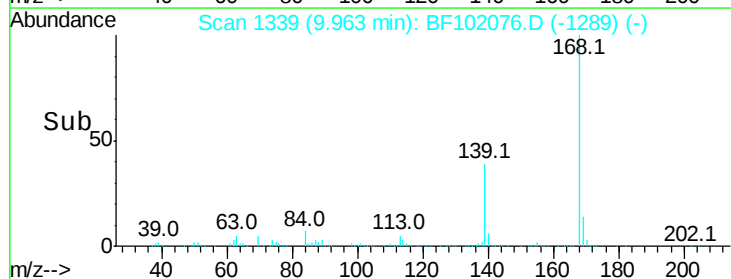
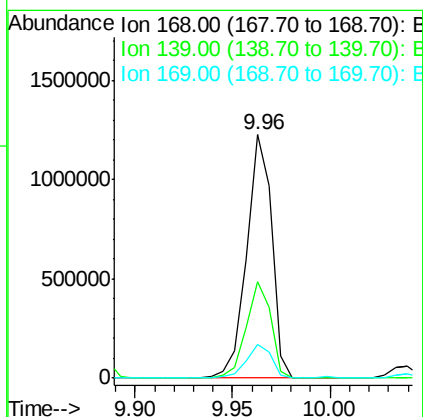
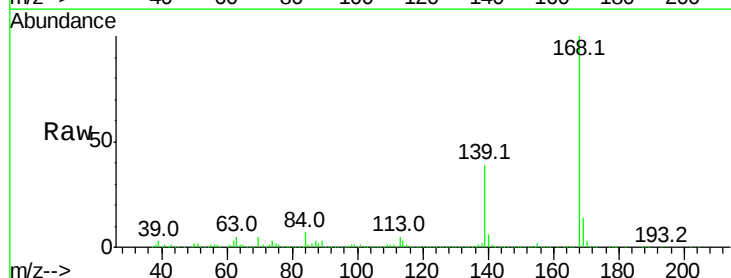
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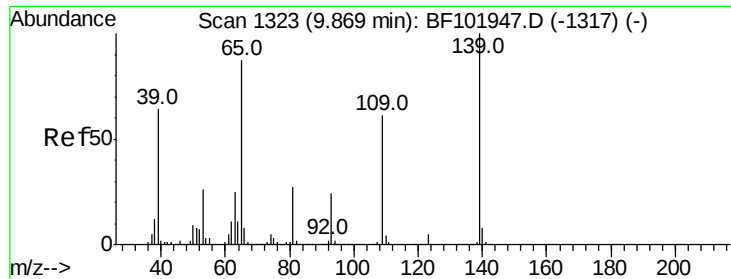
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#54
Dibenzofuran
Concen: 37.051 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	14.0	10.9	16.3





#55

4-Nitrophenol

Concen: 70.372 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

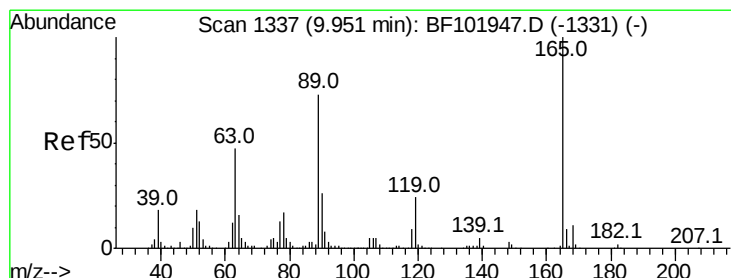
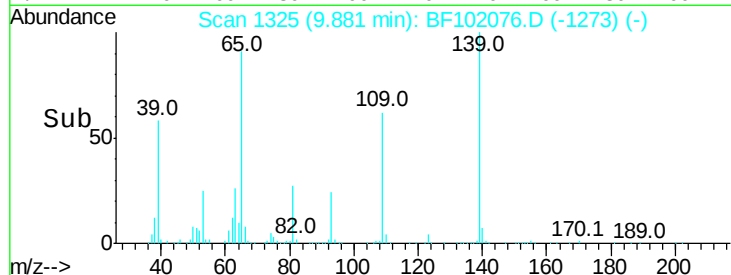
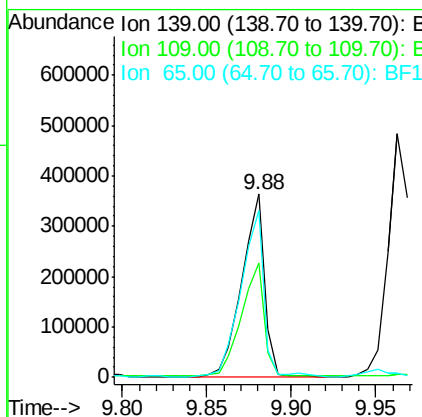
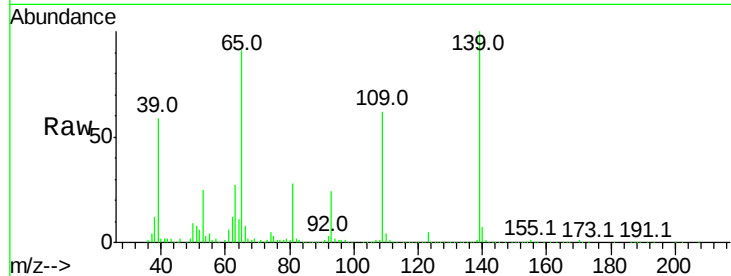
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	139	Resp:	344128
Ion Ratio	Lower	Upper	
139	100		
109	62.3	48.4	88.4
65	91.0	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 42.119 ng

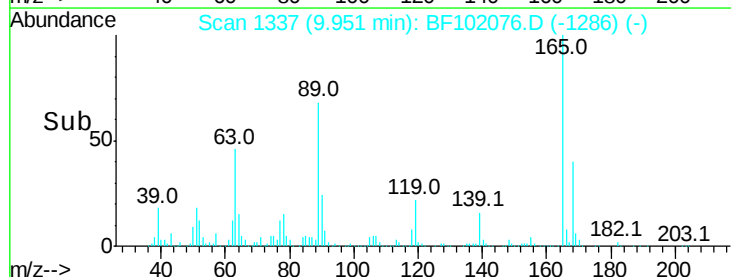
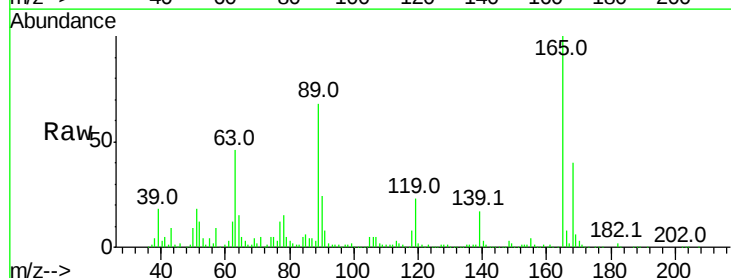
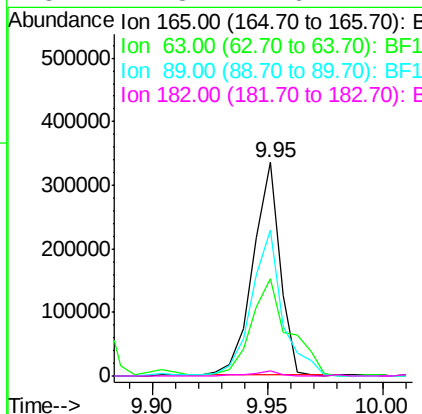
RT: 9.95 min Scan# 1337

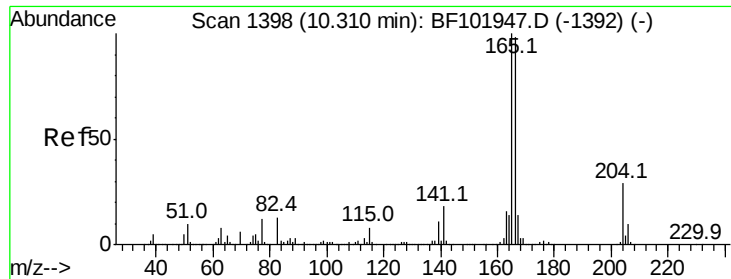
Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	165	Resp:	274480
Ion Ratio	Lower	Upper	
165	100		
63	45.6	36.4	54.6
89	68.2	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 38.350 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

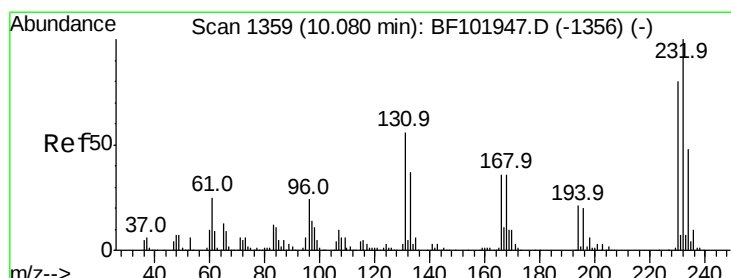
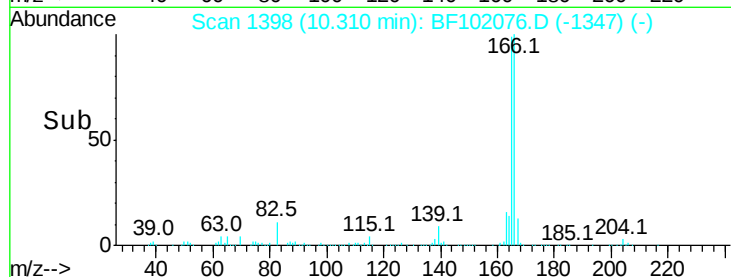
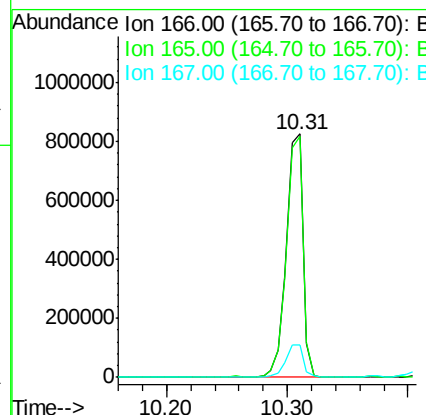
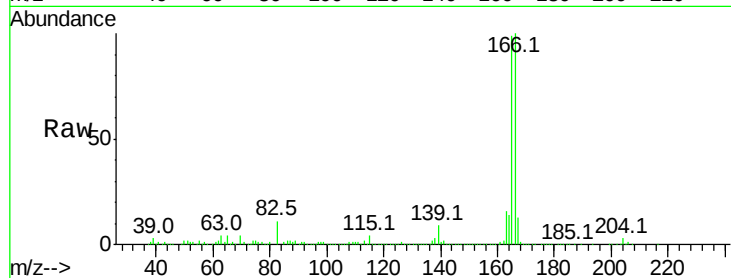
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	166	Resp:	779431
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.739 ng

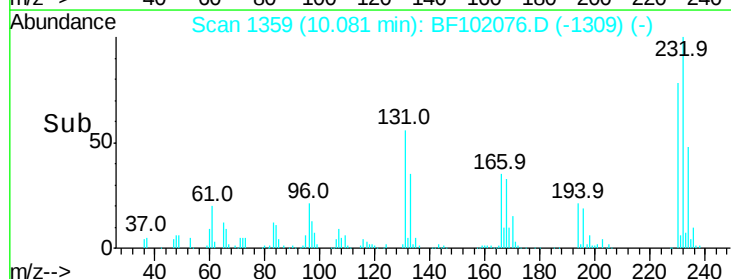
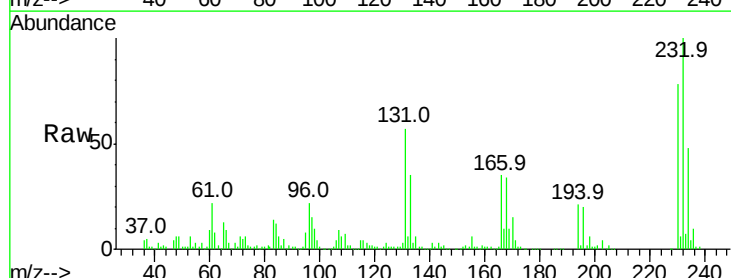
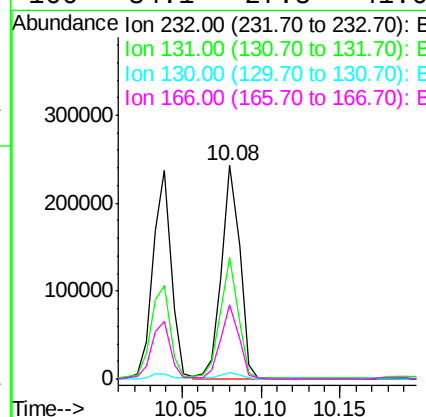
RT: 10.08 min Scan# 1359

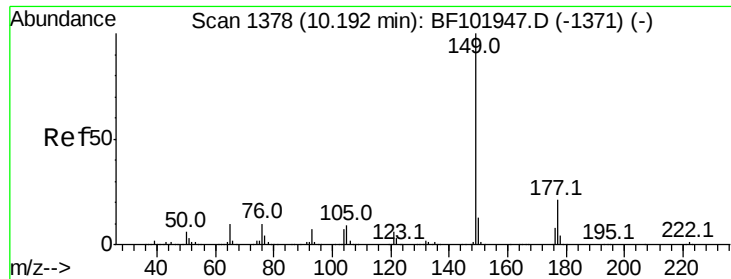
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	232	Resp:	197182
Ion Ratio	Lower	Upper	
232	100		
131	54.2	43.8	65.8
130	3.0	2.1	3.1
166	34.1	27.8	41.6





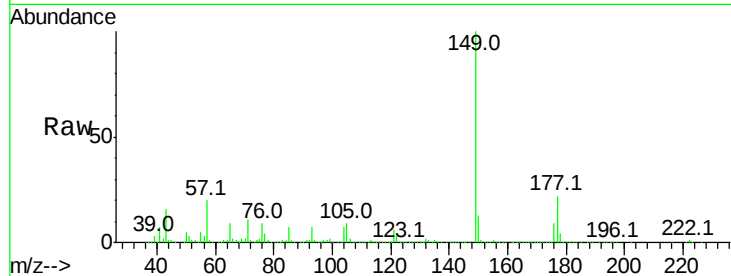
#59
Diethylphthalate
Concen: 35.766 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

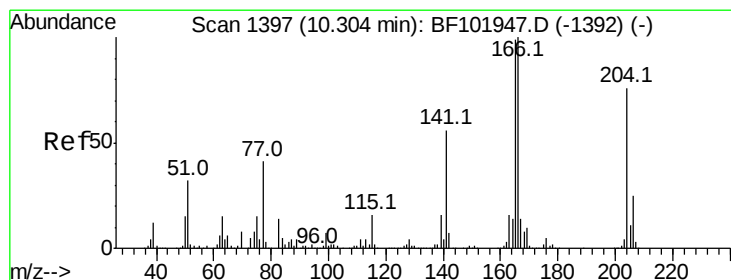
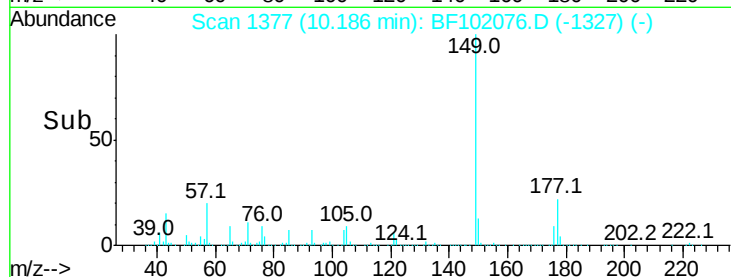
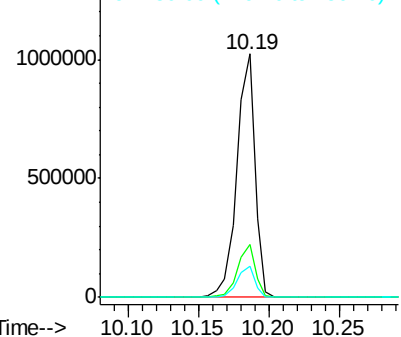
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.8	10.1	15.1

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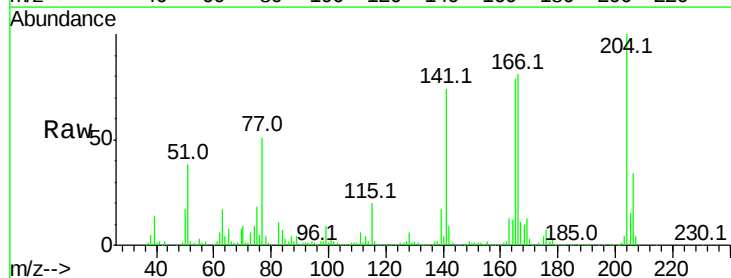


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

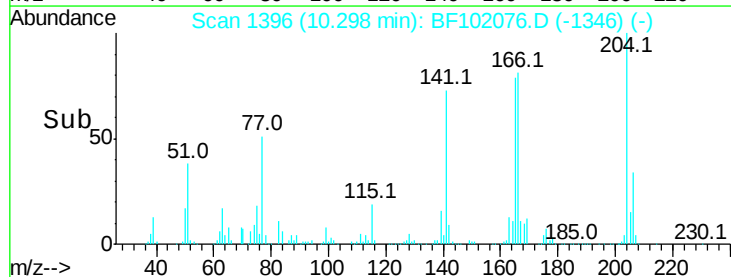
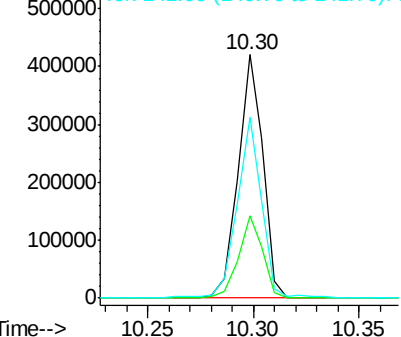


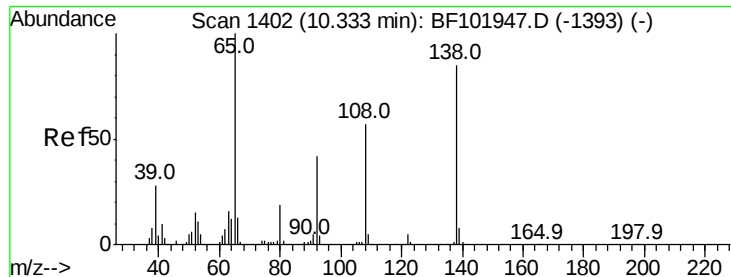
#60
4-Chlorophenyl-phenylether
Concen: 39.599 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	74.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





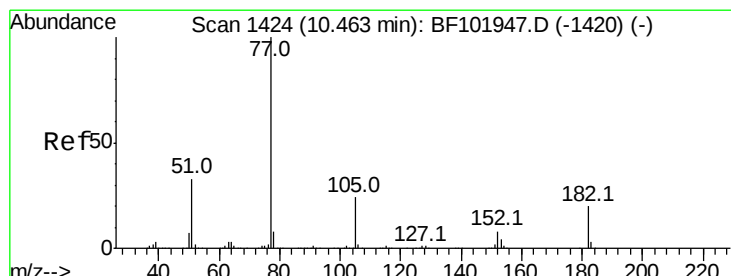
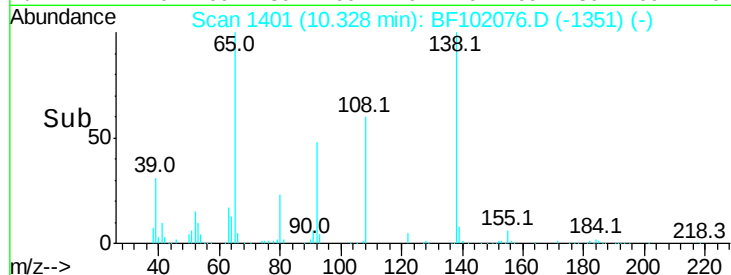
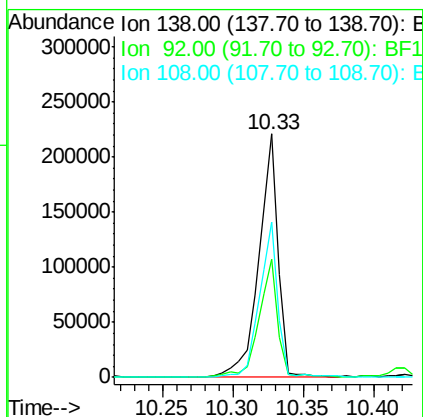
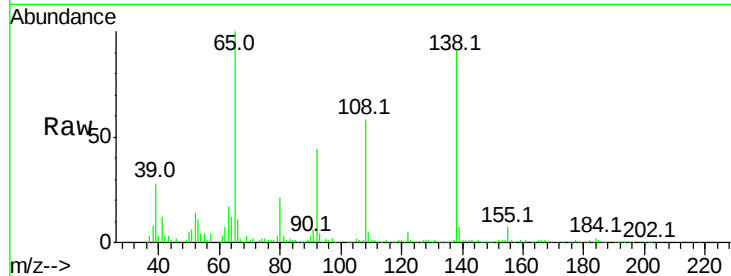
#61
4-Nitroaniline
Concen: 33.950 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	30.2	70.2
108	63.7	52.5	92.5

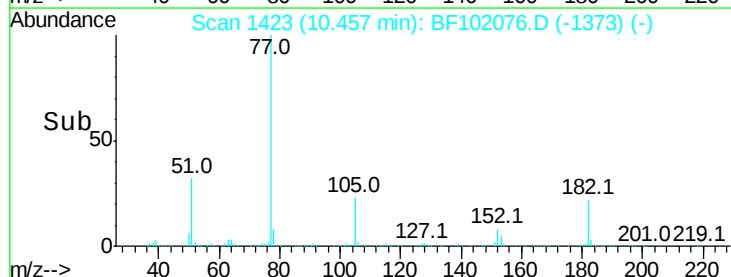
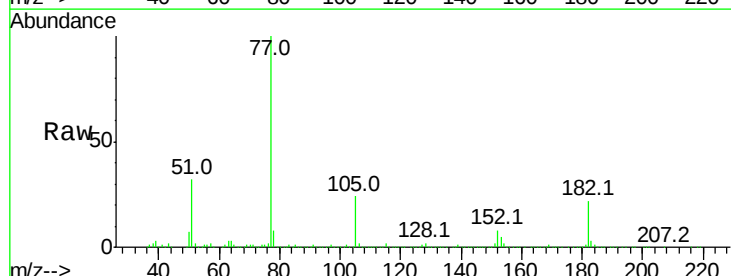
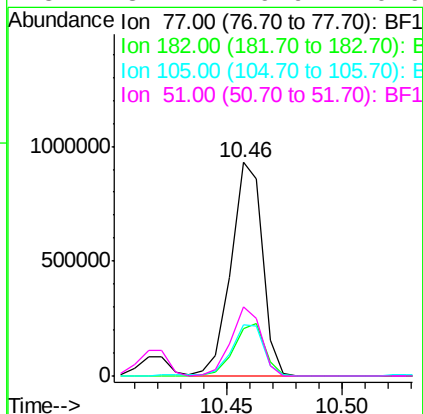
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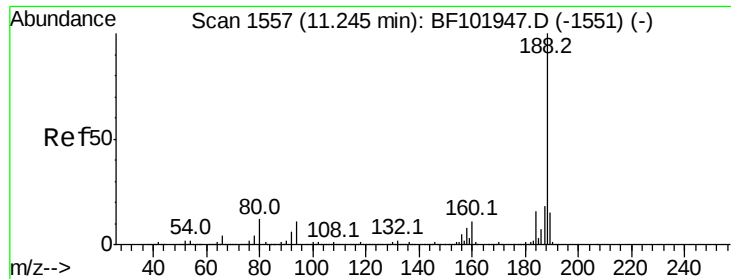
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#62
Azobenzene
Concen: 34.020 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.7	41.7
105	23.8	3.0	43.0
51	32.4	9.9	49.9





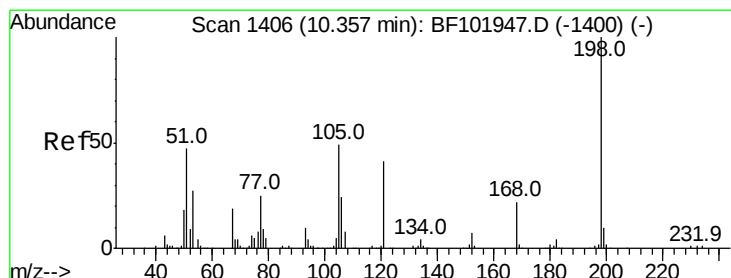
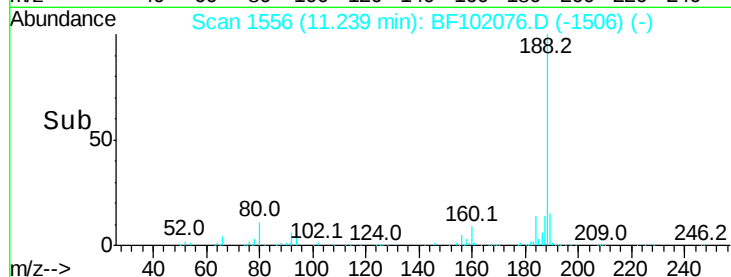
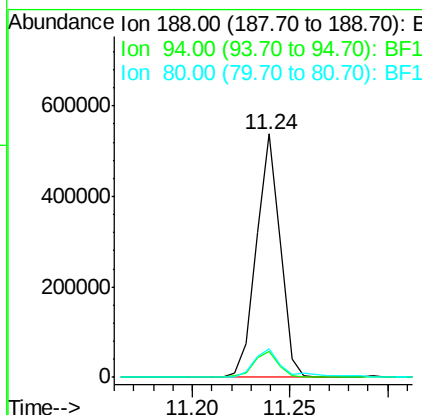
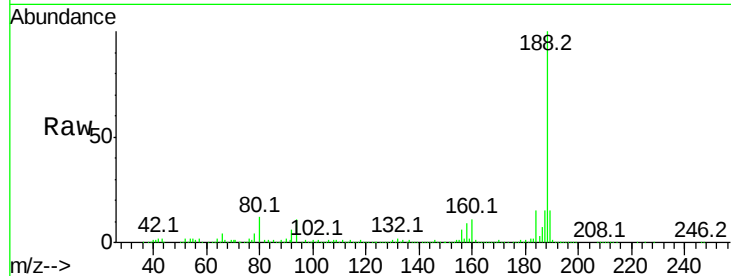
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	8.5	12.7	
80	11.9	9.2	13.8	

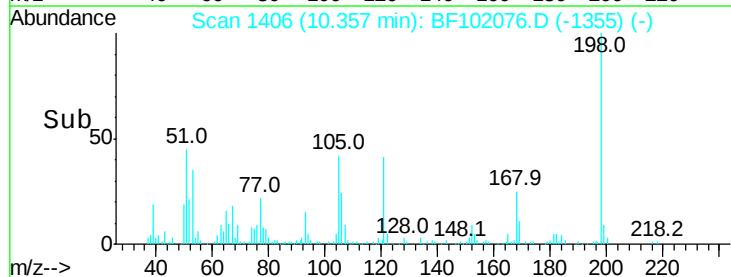
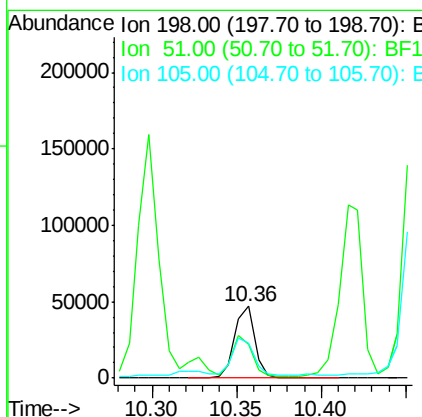
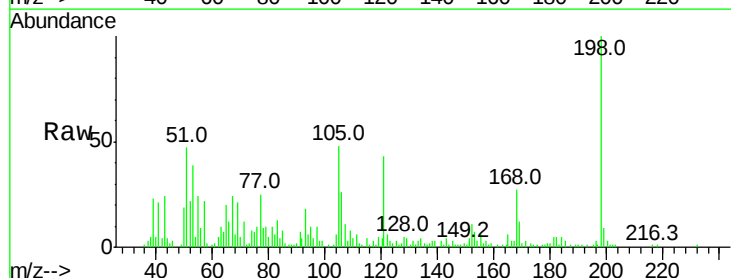
Manual Integrations
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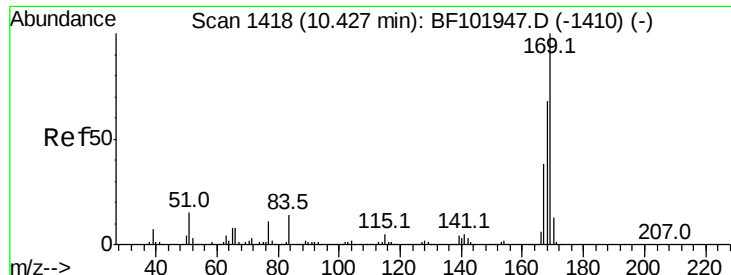
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.754 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	47.4	37.7	77.7	
105	48.2	36.3	76.3	





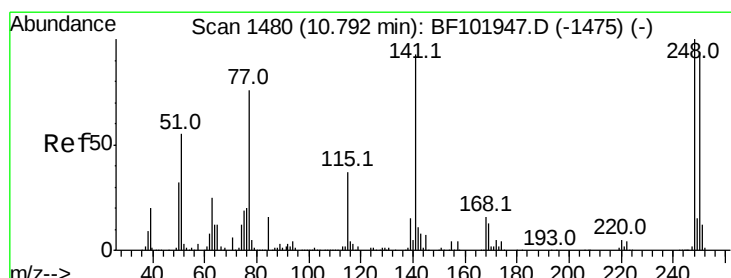
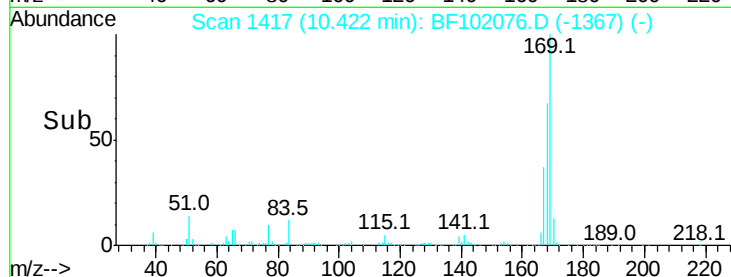
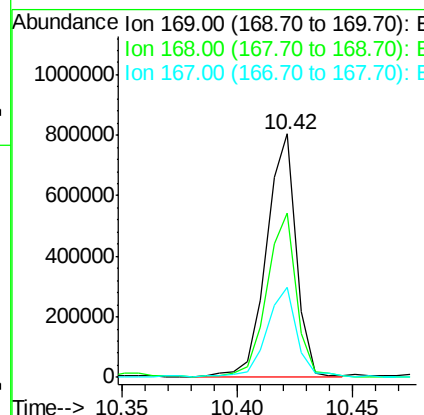
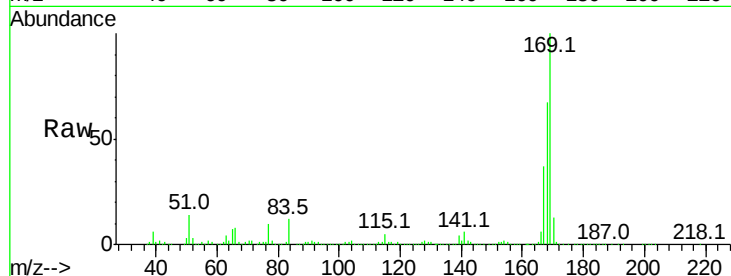
#65
n-Nitrosodiphenylamine
Concen: 42.453 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.0	29.8	44.6

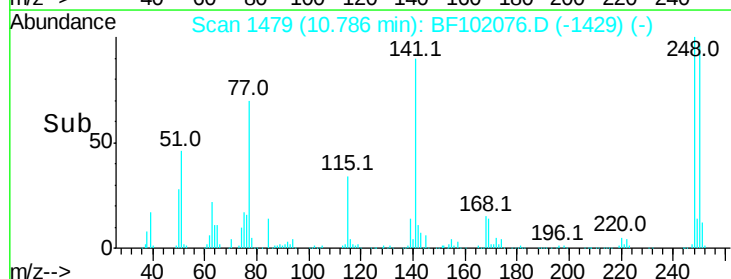
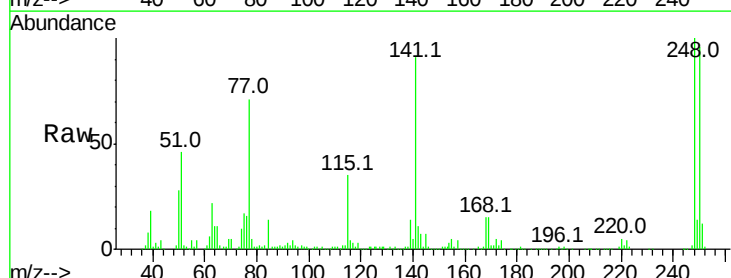
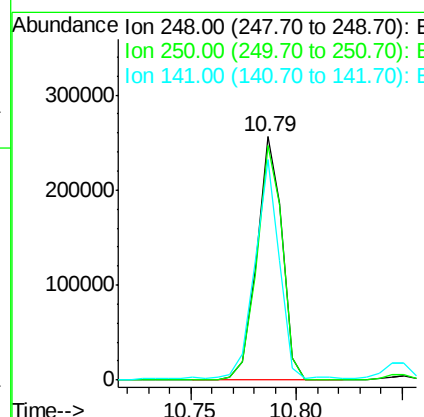
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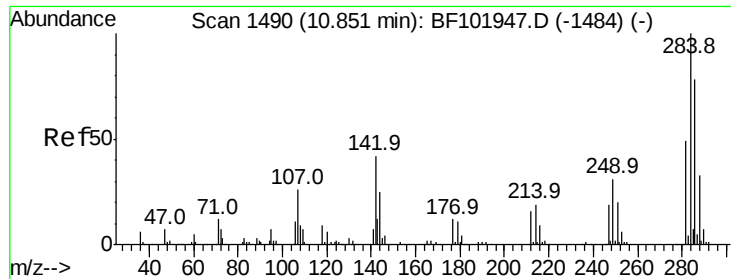
Sohil
1/16/2018 5:01:24 PM



#66
4-Bromophenyl-phenylether
Concen: 44.760 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	90.6	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.176 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

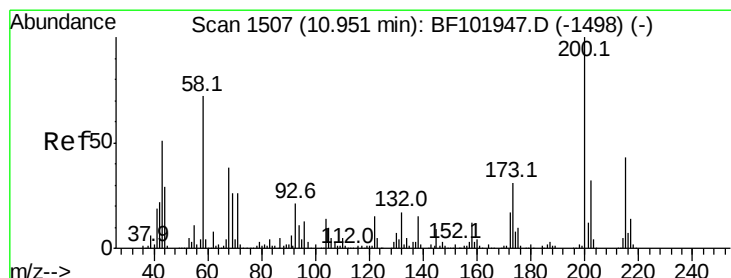
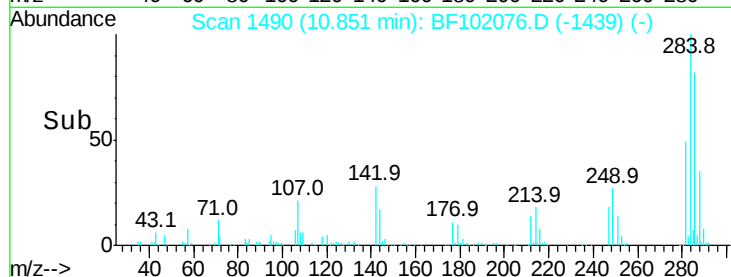
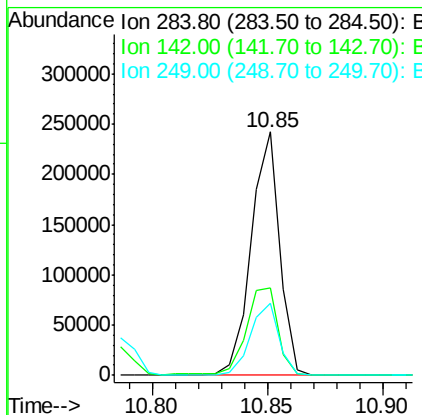
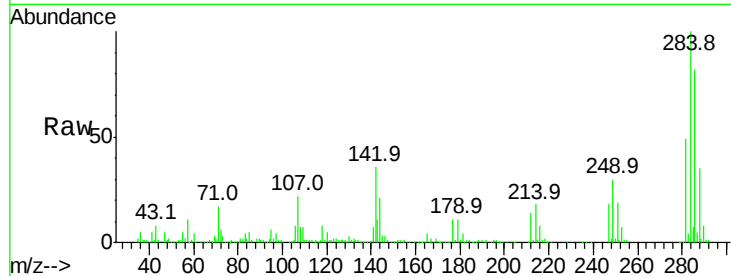
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	284	Resp:	209706
Ion Ratio	Lower	Upper	
284	100		
142	35.8	34.6	52.0
249	29.5	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 46.139 ng

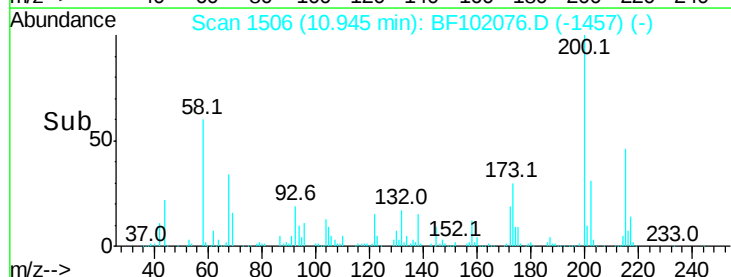
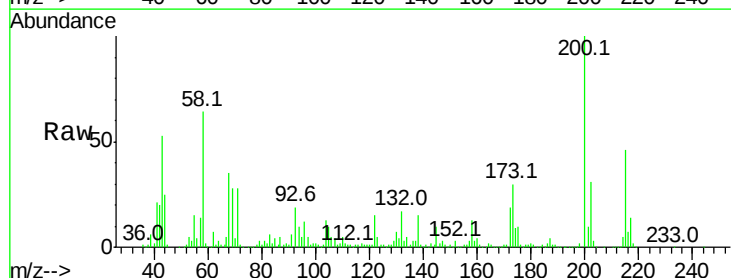
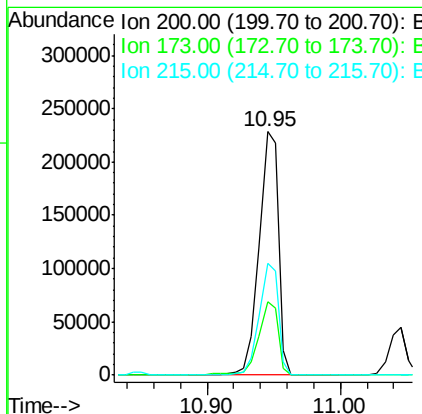
RT: 10.95 min Scan# 1506

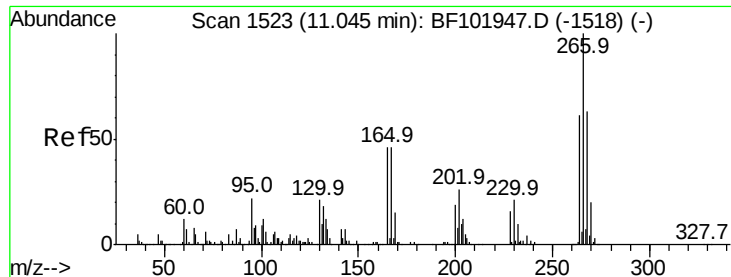
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	200	Resp:	226057
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.6	48.6
215	45.8	25.1	65.1





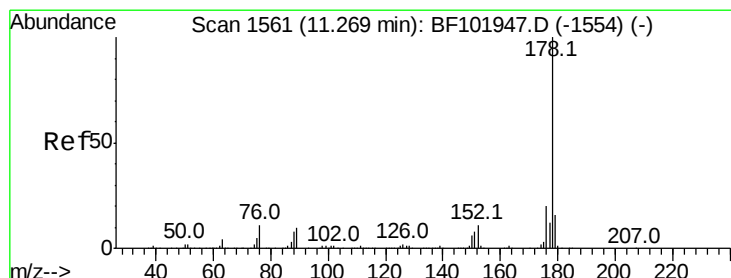
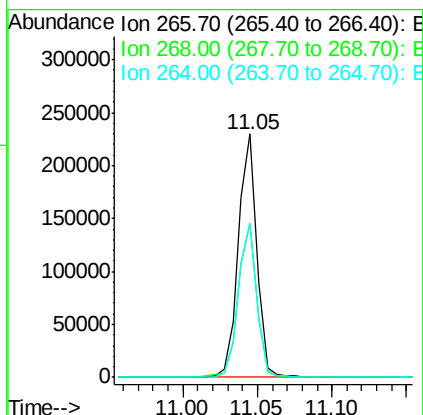
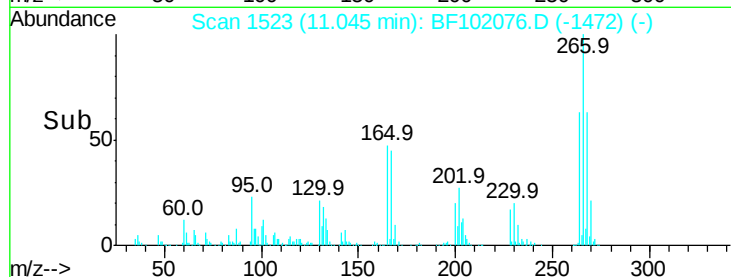
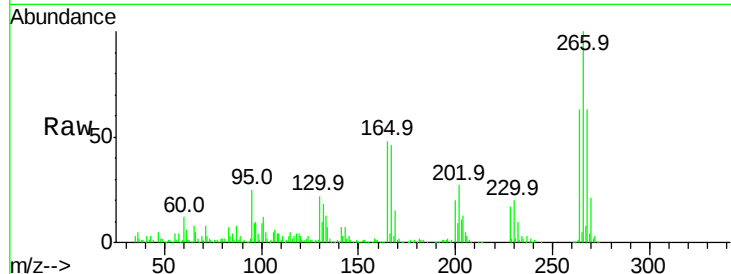
#69
 Pentachlorophenol
 Concen: 62.993 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	200498		
268	63.4		51.1	76.7
264	63.2		49.5	74.3

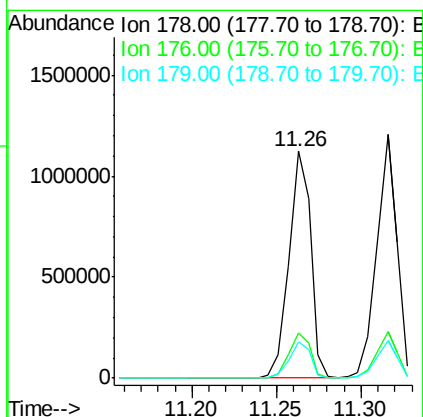
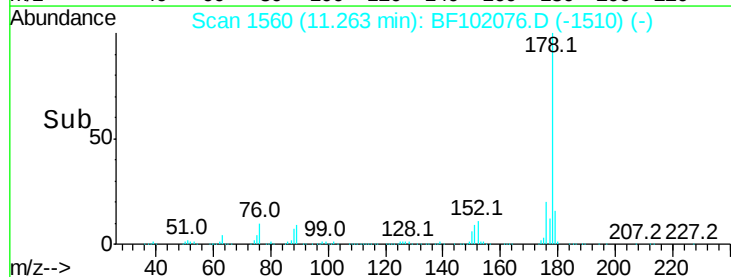
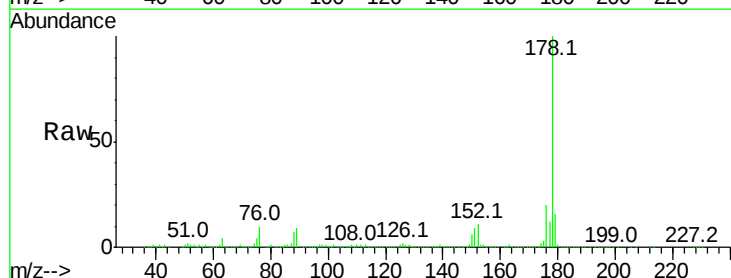
Manual Integrations
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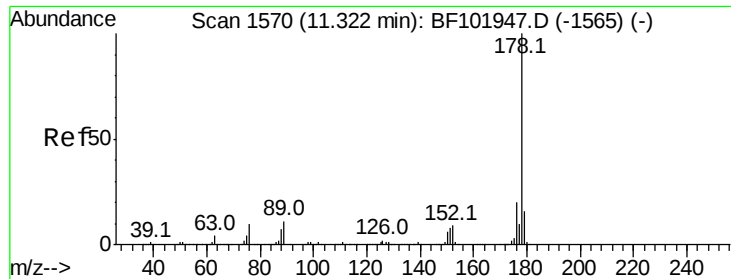
Sohil
 1/16/2018 5:01:24 PM



#70
 Phenanthrene
 Concen: 37.750 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	998350		
176	20.1		15.8	23.8
179	15.7		13.0	19.6





#71

Anthracene

Concen: 37.916 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:178 Resp: 1016973

Ion Ratio Lower Upper

178 100

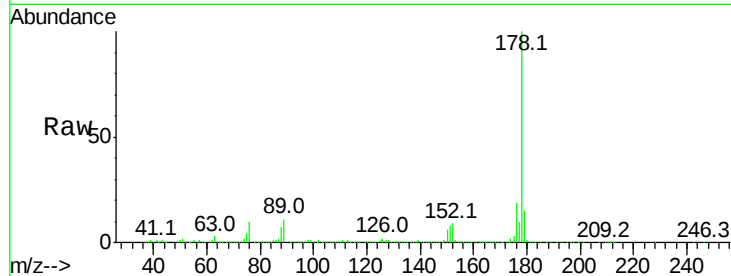
176 18.8 15.4 23.2

179 15.3 12.6 19.0

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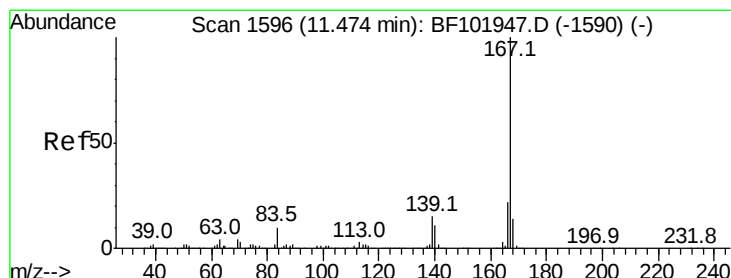
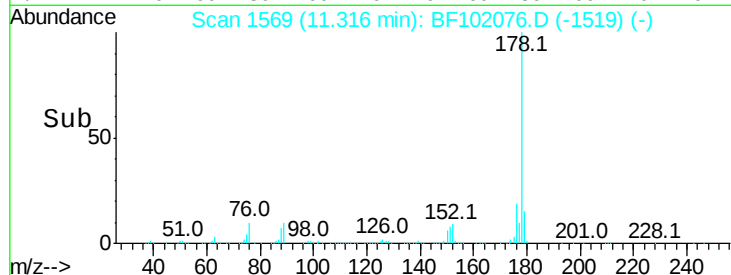
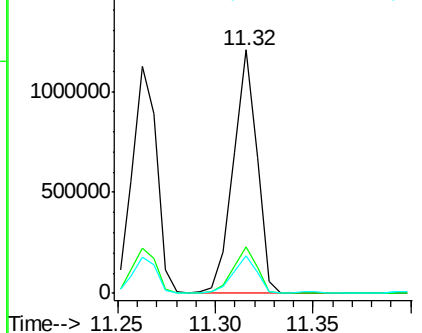
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.458 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

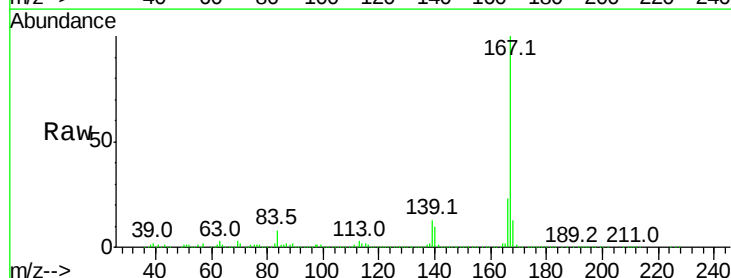
Tgt Ion:167 Resp: 934778

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

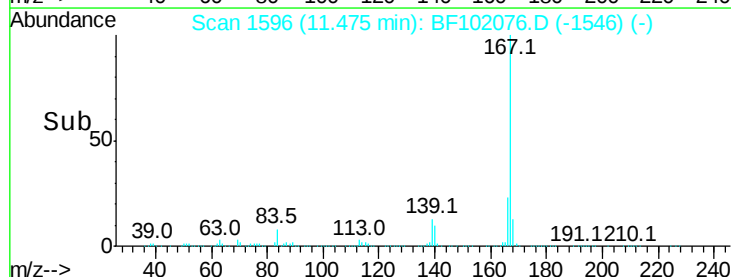
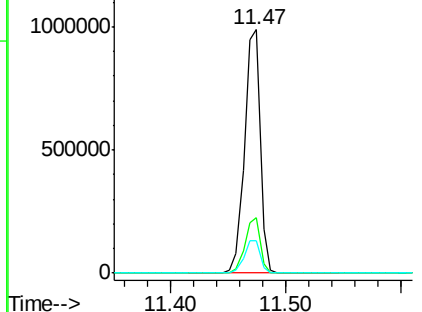
139 13.1 10.9 16.3

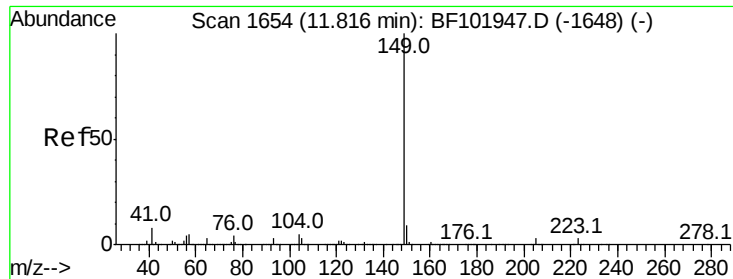


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.906 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

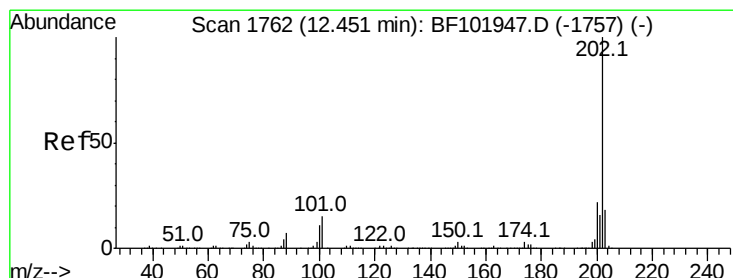
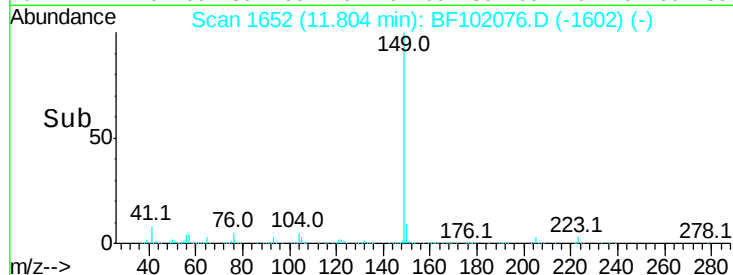
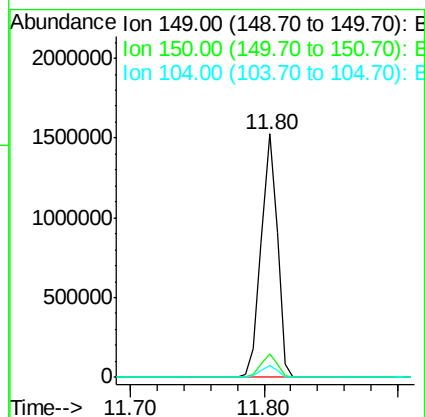
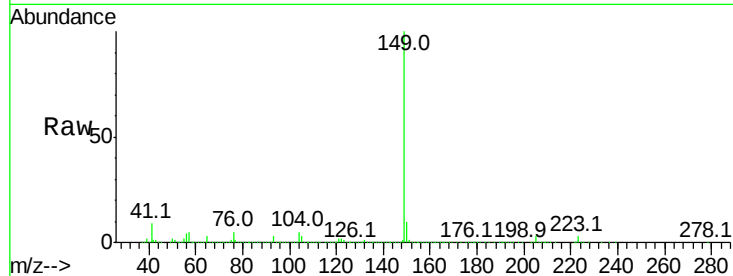
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	149	Resp:	1258369
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 34.109 ng

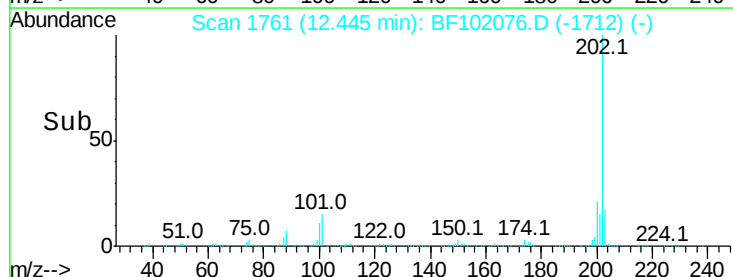
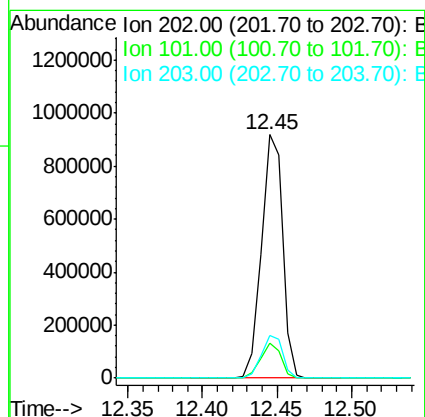
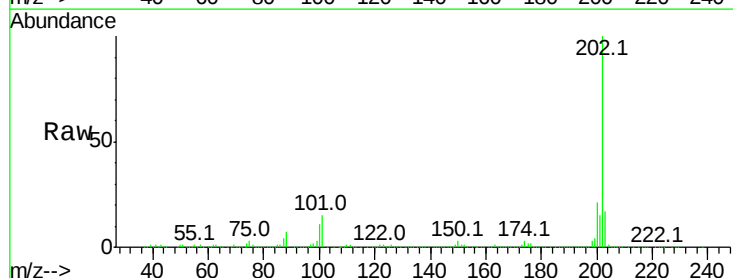
RT: 12.45 min Scan# 1761

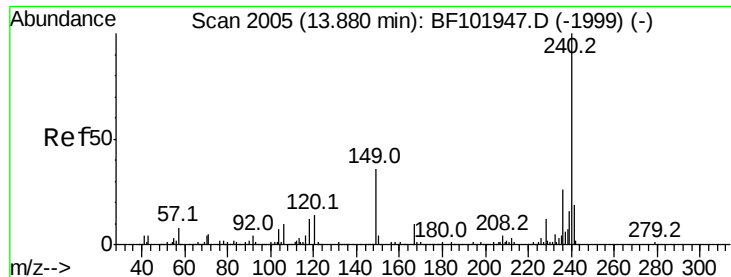
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	202	Resp:	887524
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

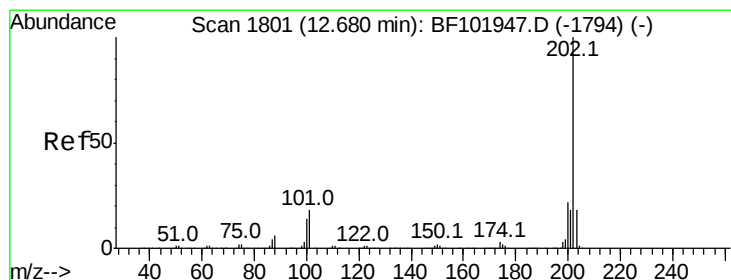
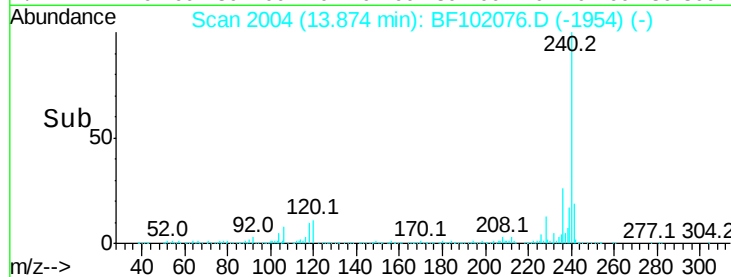
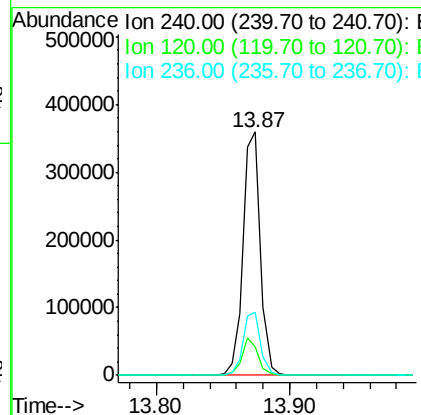
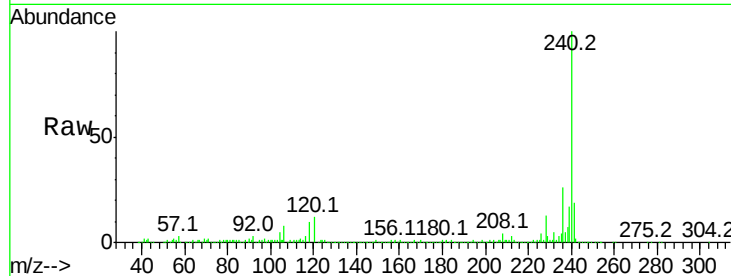
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	240	Resp:	328580
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 31.346 ng

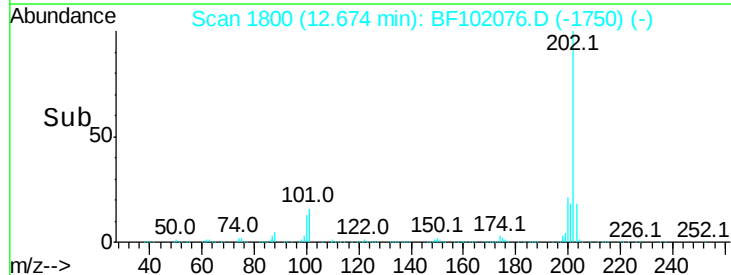
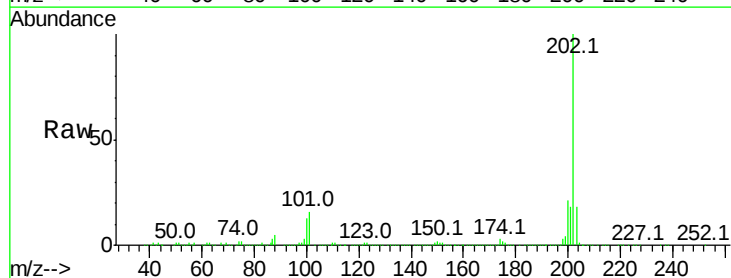
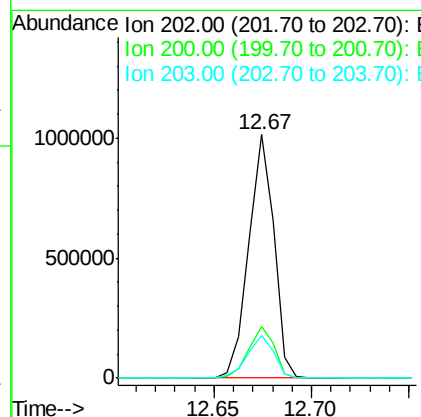
RT: 12.67 min Scan# 1800

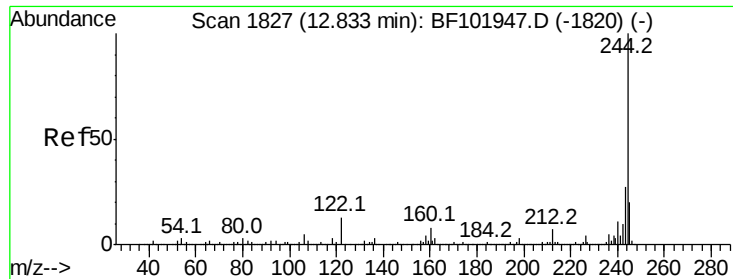
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	202	Resp:	910436
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 72.944 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:244 Resp: 1154375

Ion Ratio Lower Upper

244 100

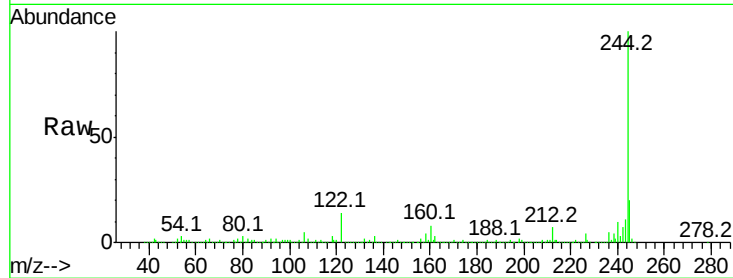
212 6.9 5.4 8.0

122 14.0 11.0 16.4

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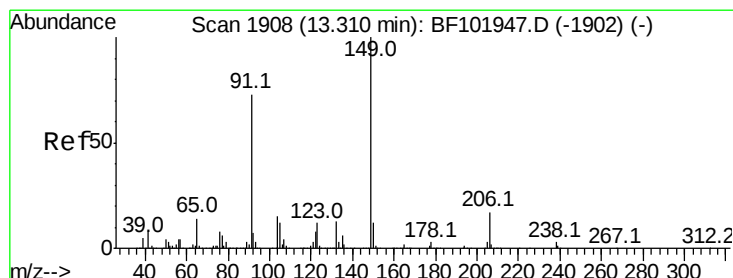
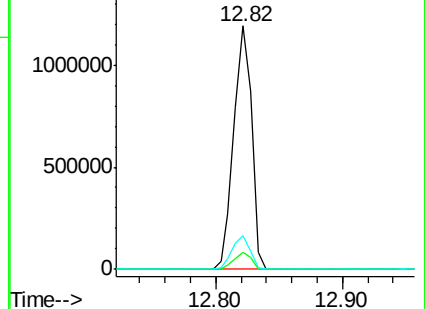
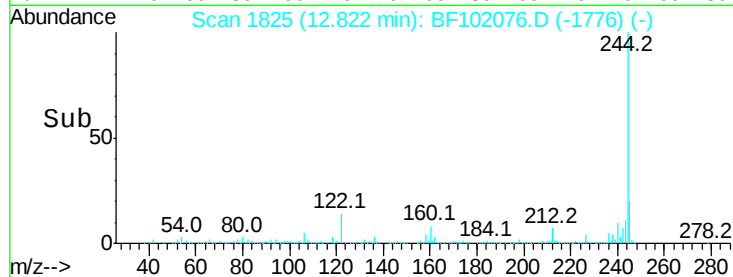
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.835 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

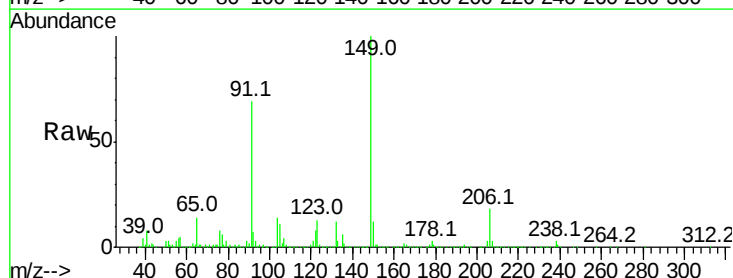
Tgt Ion:149 Resp: 450994

Ion Ratio Lower Upper

149 100

91 68.5 56.8 85.2

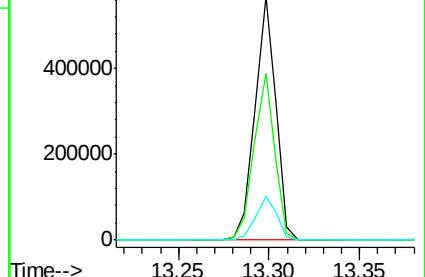
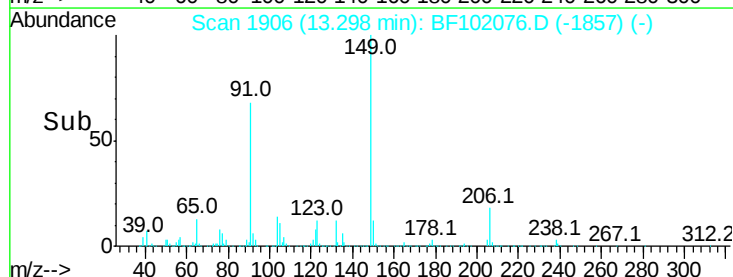
206 17.9 14.1 21.1

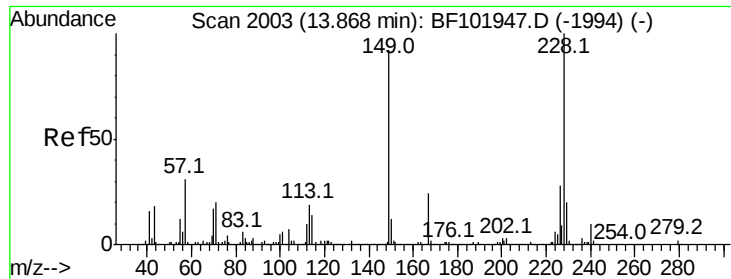


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





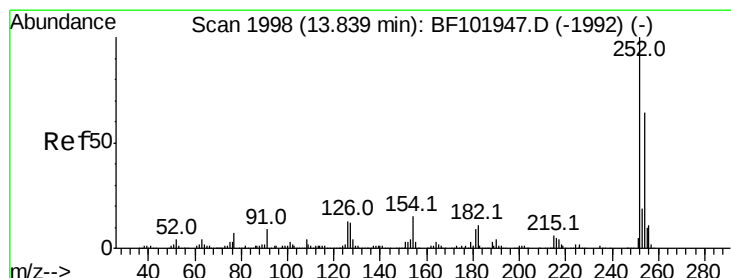
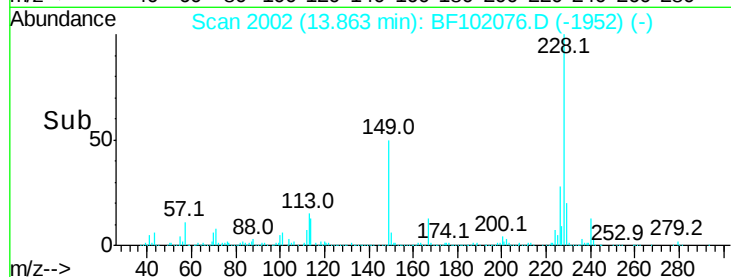
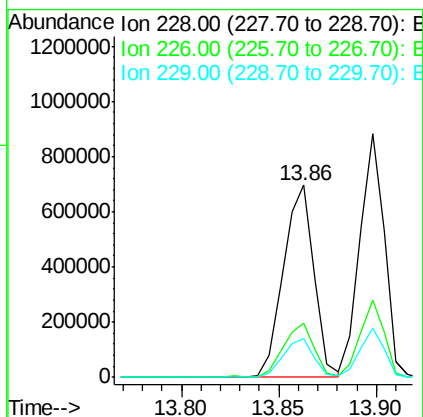
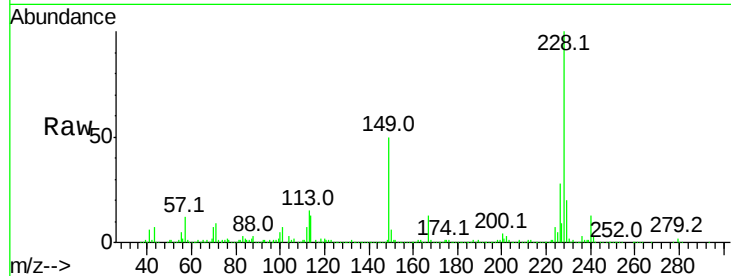
#80
Benzo(a)anthracene
Concen: 35.890 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6

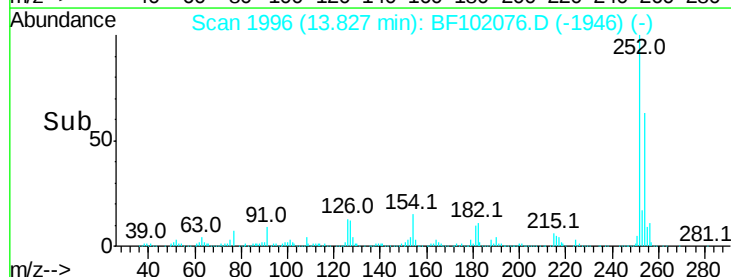
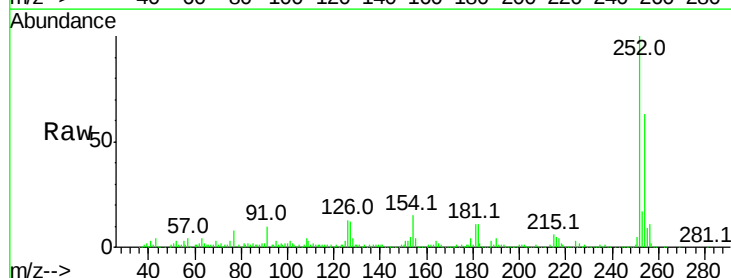
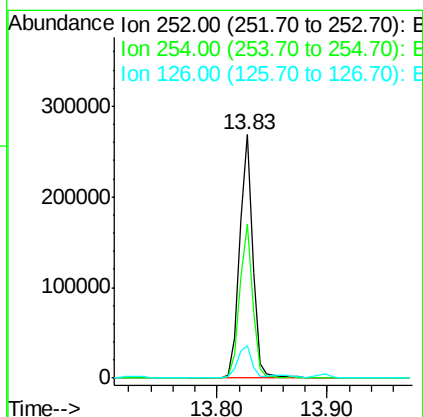
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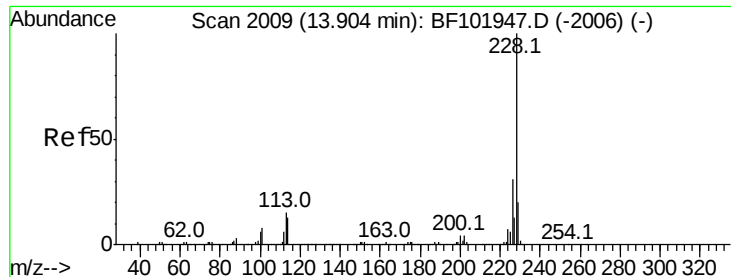
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 29.212 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	13.4	11.3	16.9





#82

Chrysene

Concen: 35.428 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

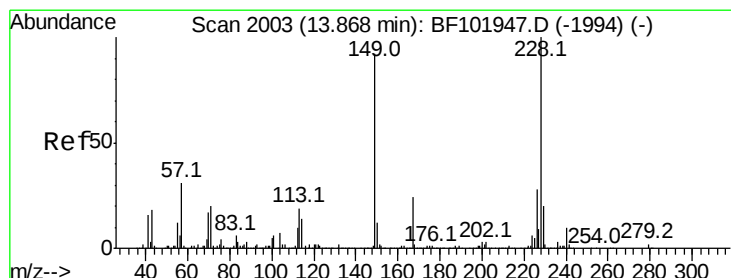
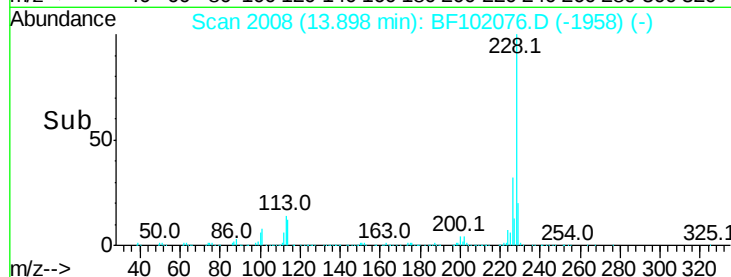
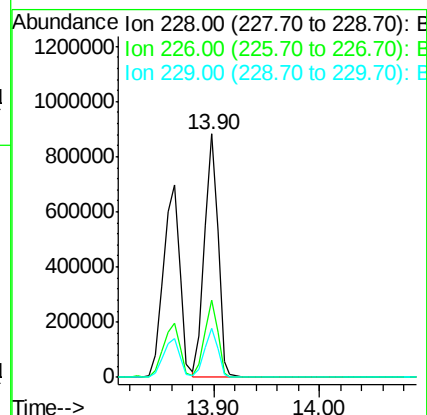
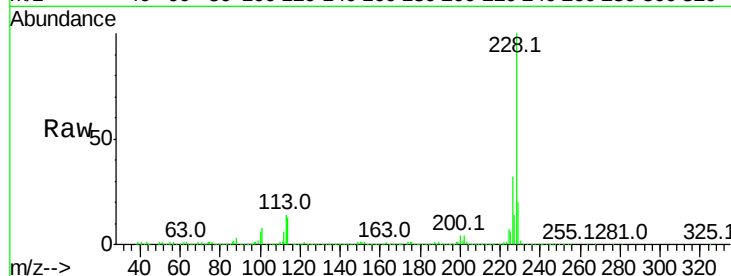
ClientSampleId :

UST-1 9.5-10.0MSD

Tot Ion:	228	Resp:	774460
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.0	37.6
229	20.2	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 35.889 ng

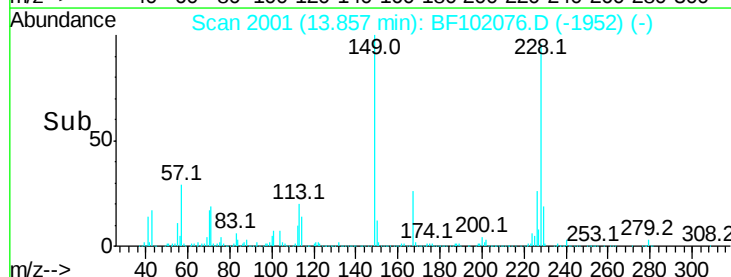
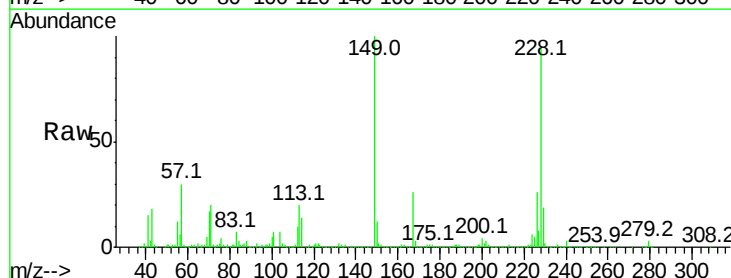
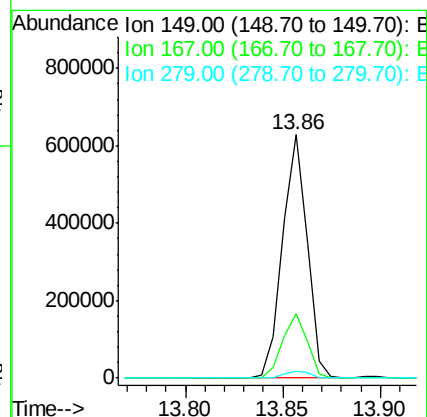
RT: 13.86 min Scan# 2001

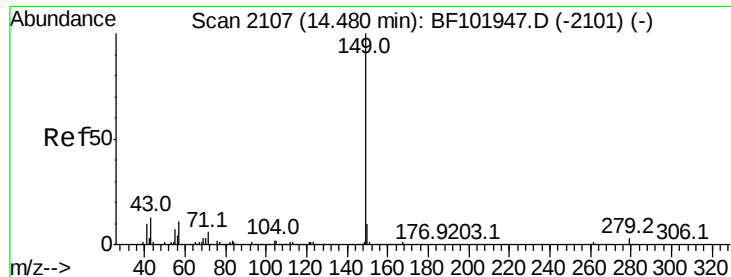
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:	149	Resp:	548762
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.0	3.0	4.4





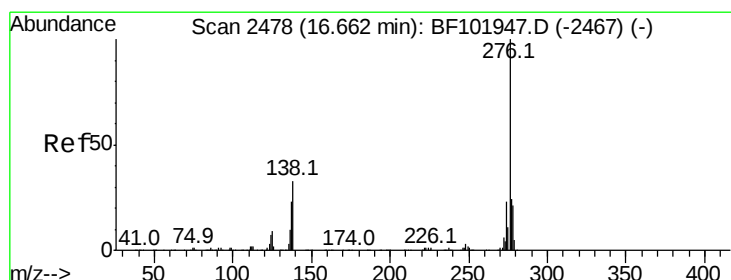
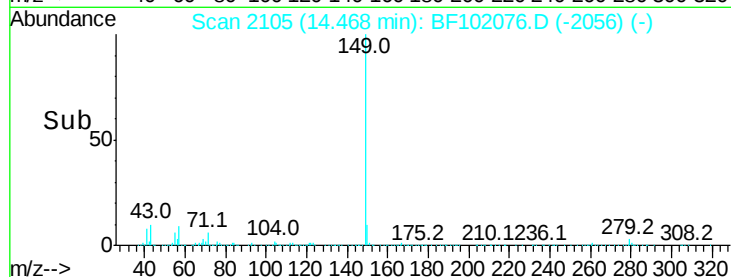
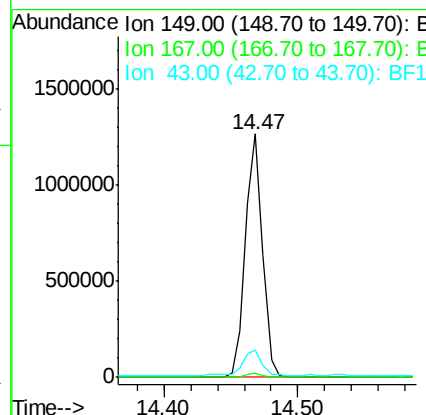
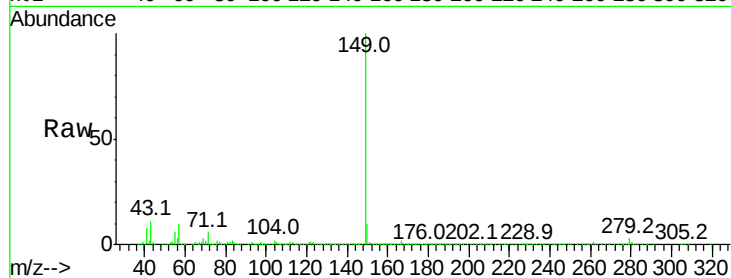
#84
Di-n-octyl phthalate
Concen: 44.003 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6

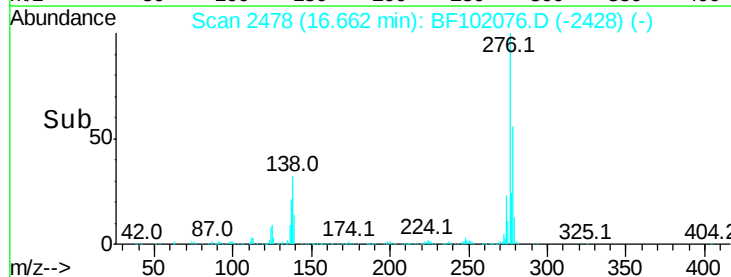
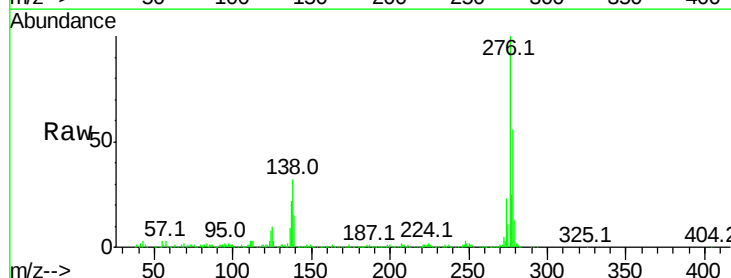
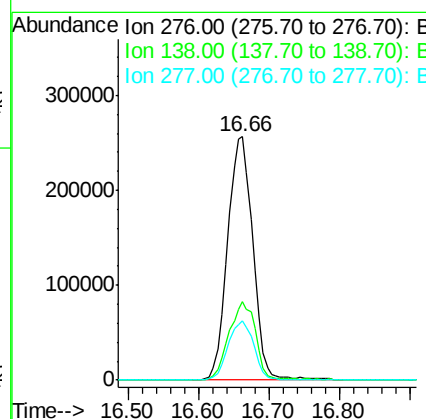
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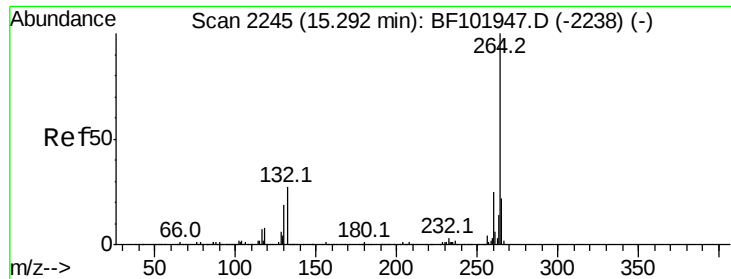
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 39.980 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	24.9	20.1	30.1





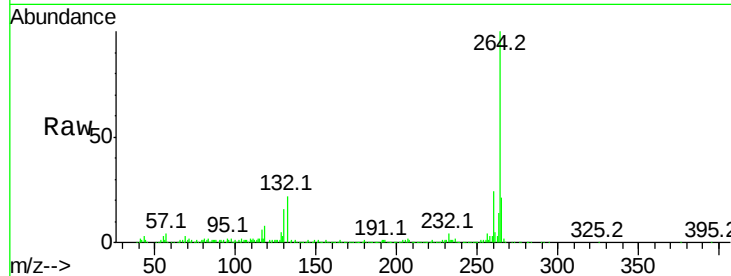
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :
 UST-1 9.5-10.0MSD

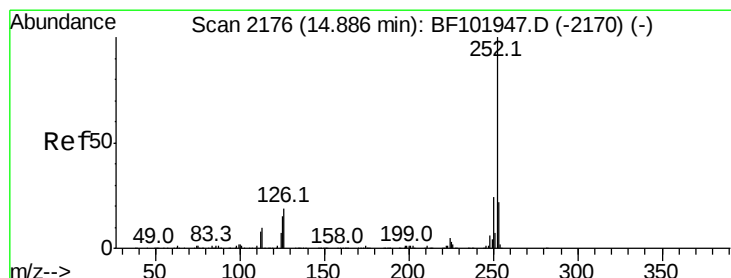
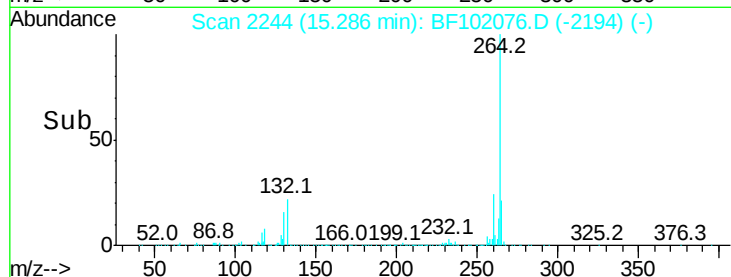
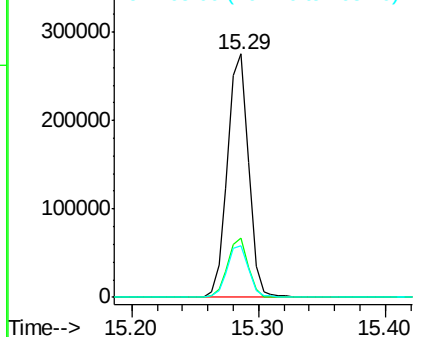
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

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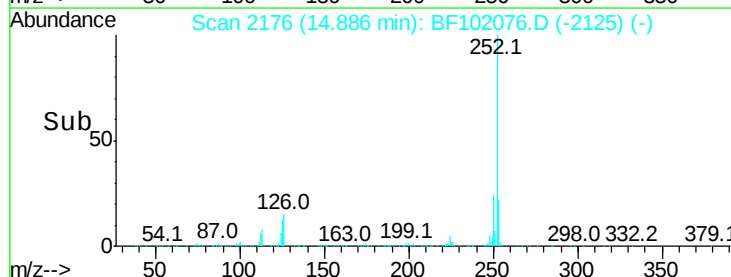
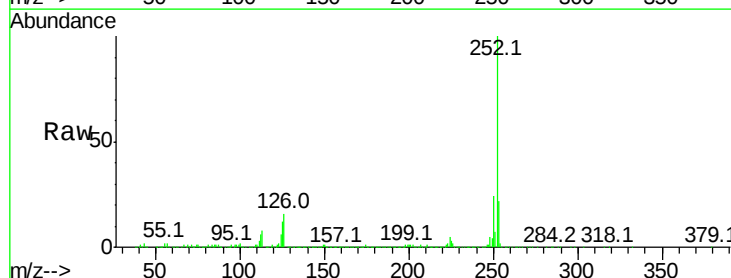
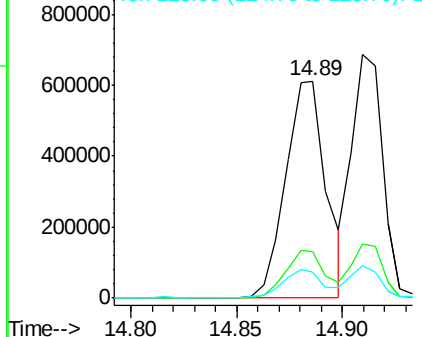
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

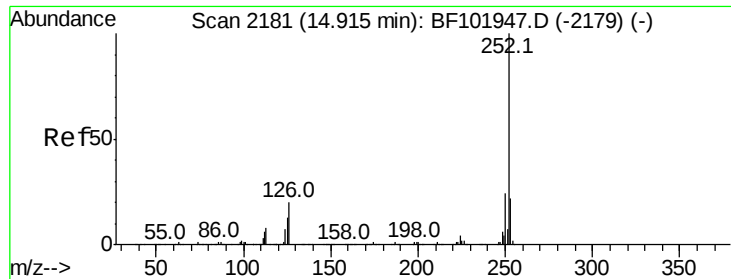


#87
 Benzo(b)fluoranthene
 Concen: 39.237 ng
 RT: 14.89 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.1	9.0	13.6

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





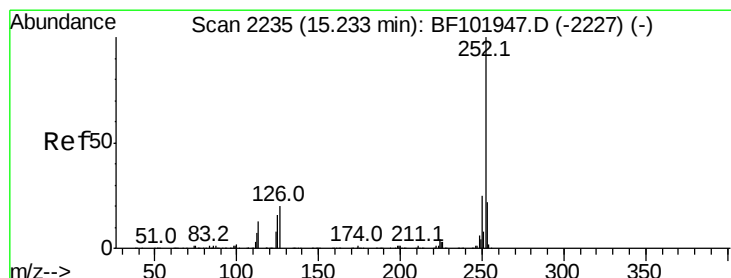
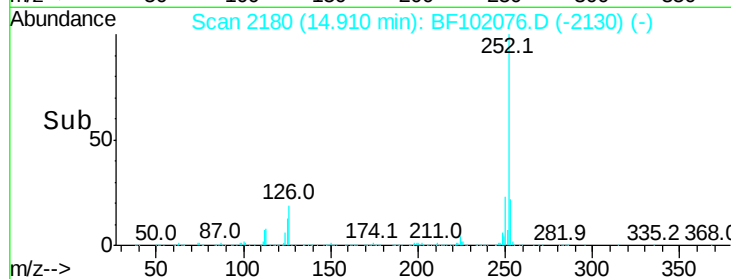
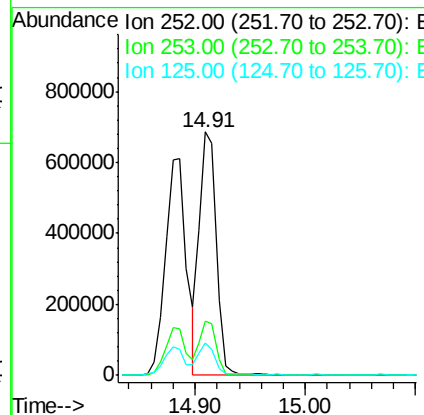
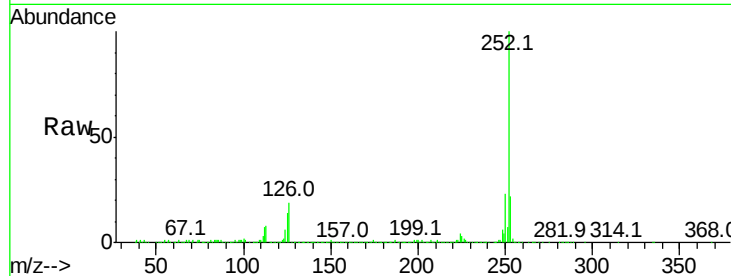
#88
Benzo(k)fluoranthene
Concen: 35.727 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.5	10.2	15.2

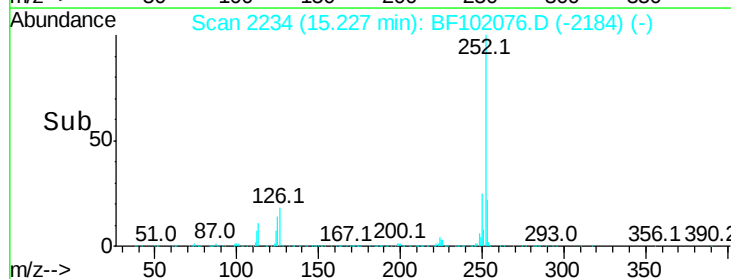
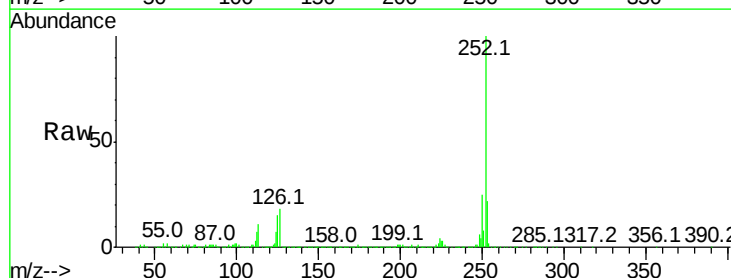
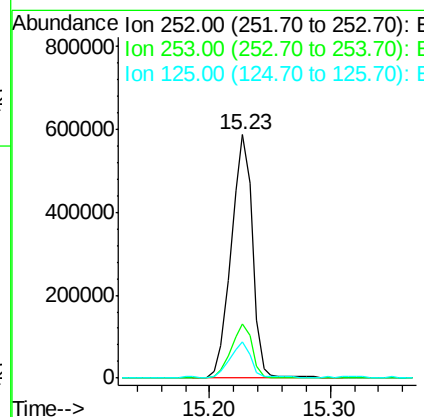
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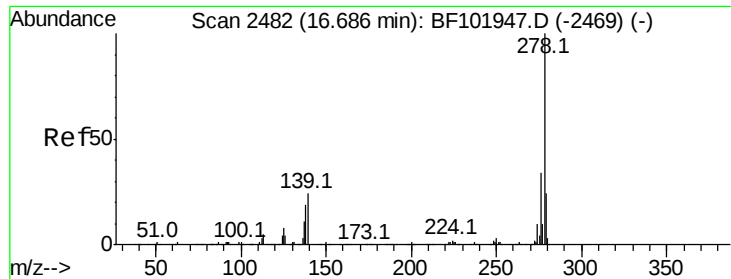
Sohil
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#89
Benzo(a)pyrene
Concen: 38.423 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.7	9.8	14.6#





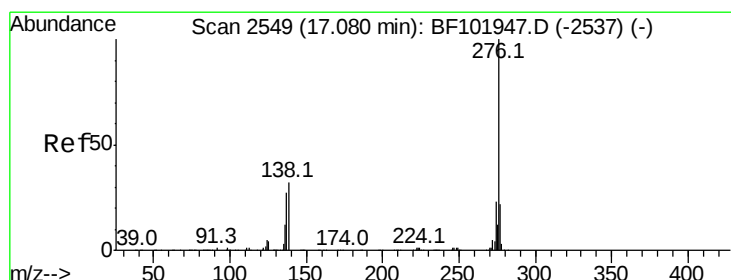
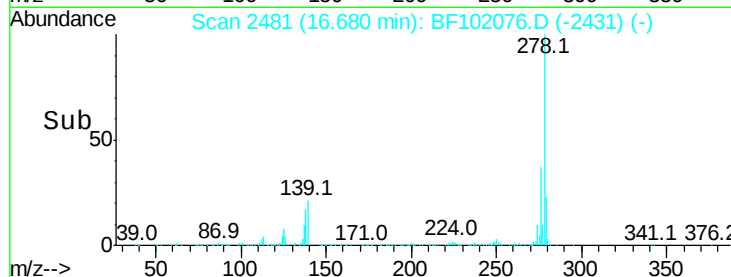
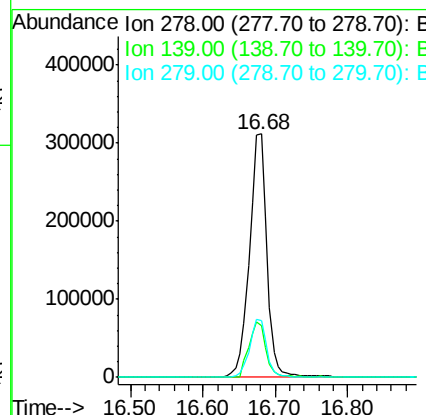
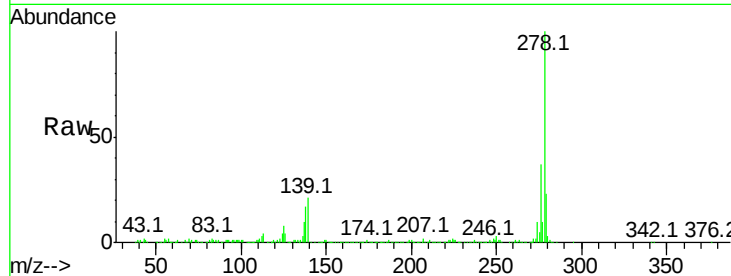
#90
Dibenzo(a,h)anthracene
Concen: 35.406 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :
UST-1 9.5-10.0MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.4	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 33.442 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	28.8	21.8	32.8

