

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103074.D
 Acq On : 19 Feb 2018 11:39
 Operator : SJ/JU
 Sample : J1399-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:17 AM

Quant Time: Feb 19 16:19:20 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172772	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	730134	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	332156	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	587390	20.00	ng	0.00
75) Chrysene-d12	14.06	240	408402	20.00	ng	0.00
86) Perylene-d12	15.55	264	357001	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1213956	106.71	ng	0.02
7) Phenol-d6	6.52	99	1386032	101.18	ng	0.01
23) Nitrobenzene-d5	7.45	82	1030109	97.87	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	348313	130.29	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1625100	81.19	ng	0.00
78) Terphenyl-d14	13.00	244	1579122	91.55	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.83	88	197615	35.168	ng	# 72
3) Pyridine	3.55	79	506526	32.627	ng	95
4) n-Nitrosodimethylamine	3.50	42	274044	41.257	ng	100
6) Aniline	6.55	93	459063	22.693	ng	93
8) 2-Chlorophenol	6.67	128	494609	42.230	ng	99
9) Benzaldehyde	6.43	77	53338	5.243	ng	97
10) Phenol	6.53	94	552672	37.648	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	501928	41.090	ng	89
12) 1,3-Dichlorobenzene	6.82	146	510747	37.657	ng	99
13) 1,4-Dichlorobenzene	6.90	146	517462	38.300	ng	99
14) 1,2-Dichlorobenzene	7.05	146	473446	37.623	ng	99
15) Benzyl Alcohol	7.02	79	437162	41.510	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	865297	37.289	ng	97
17) 2-Methylphenol	7.13	107	424277	39.272	ng	98
18) Hexachloroethane	7.39	117	191787	41.396	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	333514	36.928	ng	97
20) 3+4-Methylphenols	7.29	107	473627	35.550	ng	# 66
22) Acetophenone	7.29	105	654296	36.620	ng	# 91
24) Nitrobenzene	7.46	77	557208	45.007	ng	98
25) Isophorone	7.70	82	1030606	42.524	ng	99
26) 2-Nitrophenol	7.78	139	289936	55.378	ng	95
27) 2,4-Dimethylphenol	7.82	122	460595	44.984	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	642641	44.762	ng	99
29) 2,4-Dichlorophenol	8.02	162	421896	45.326	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	416193	39.525	ng	98
31) Naphthalene	8.19	128	1412168	39.587	ng	99
32) Benzoic acid	7.94	122	218807	34.749	ng	96
33) 4-Chloroaniline	8.23	127	188162	12.244	ng	99
34) Hexachlorobutadiene	8.29	225	207133	38.388	ng	99
35) Caprolactam	8.61	113	127261m	39.369	ng	
36) 4-Chloro-3-methylphenol	8.72	107	472115	45.143	ng	97
37) 2-Methylnaphthalene	8.87	142	963033	41.234	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	367657	40.652	ng	97
40) Hexachlorocyclopentadiene	9.02	237	288427	67.086	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	274942	46.284	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	292252	43.650	ng	98
45) 1,1'-Biphenyl	9.34	154	1106798	39.562	ng	99
46) 2-Chloronaphthalene	9.37	162	892052	40.502	ng	98
47) 2-Nitroaniline	9.46	65	342952	50.283	ng	89
48) Acenaphthylene	9.79	152	1340828	39.195	ng	99
49) Dimethylphthalate	9.64	163	1106149	42.710	ng	100
50) 2,6-Dinitrotoluene	9.70	165	248407	50.414	ng	95
51) Acenaphthene	9.96	154	786981	38.468	ng	99
52) 3-Nitroaniline	9.87	138	193876	31.978	ng	98
53) 2,4-Dinitrophenol	9.99	184	156548	88.118	ng	# 18
54) Dibenzofuran	10.13	168	1194205	41.421	ng	97
55) 4-Nitrophenol	10.05	139	379899	76.438	ng	93
56) 2,4-Dinitrotoluene	10.12	165	324483	49.032	ng	# 95
57) Fluorene	10.47	166	914128	43.579	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	224956	48.477	ng	99
59) Diethylphthalate	10.34	149	1068629	41.788	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	408428	44.015	ng	99
61) 4-Nitroaniline	10.50	138	298181	51.670	ng	92
62) Azobenzene	10.62	77	1058655	41.439	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	128070	51.183	ng	83
65) n-Nitrosodiphenylamine	10.58	169	842717	40.674	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	262442	42.237	ng	93
67) Hexachlorobenzene	11.02	284	279251	40.739	ng	92
68) Atrazine	11.11	200	263826	43.163	ng	96
69) Pentachlorophenol	11.22	266	267022	66.361	ng	98
70) Phenanthrene	11.44	178	1319344	40.330	ng	99
71) Anthracene	11.49	178	1394176	41.901	ng	99
72) Carbazole	11.65	167	1344383	41.242	ng	99
73) Di-n-butylphthalate	11.96	149	1685922	42.577	ng	99
74) Fluoranthene	12.63	202	1345619	40.883	ng	100
76) Benzidine	12.75	184	403815	21.514	ng	98
77) Pyrene	12.86	202	1377293	43.007	ng	100
79) Butylbenzylphthalate	13.46	149	732628	47.829	ng	99
80) Benzo(a)anthracene	14.04	228	1153520	44.911	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	244325	25.656	ng	97
82) Chrysene	14.09	228	1071489	41.384	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	972447	49.569	ng	99
84) Di-n-octyl phthalate	14.64	149	1535214	52.117	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	981486	45.706	ng	99
87) Benzo(b)fluoranthene	15.12	252	981051	42.386	ng	98
88) Benzo(k)fluoranthene	15.14	252	957556	43.298	ng	99
89) Benzo(a)pyrene	15.49	252	928356	44.560	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	800393	47.332	ng	100
91) Benzo(g,h,i)perylene	17.53	276	859324	51.918	ng	95

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

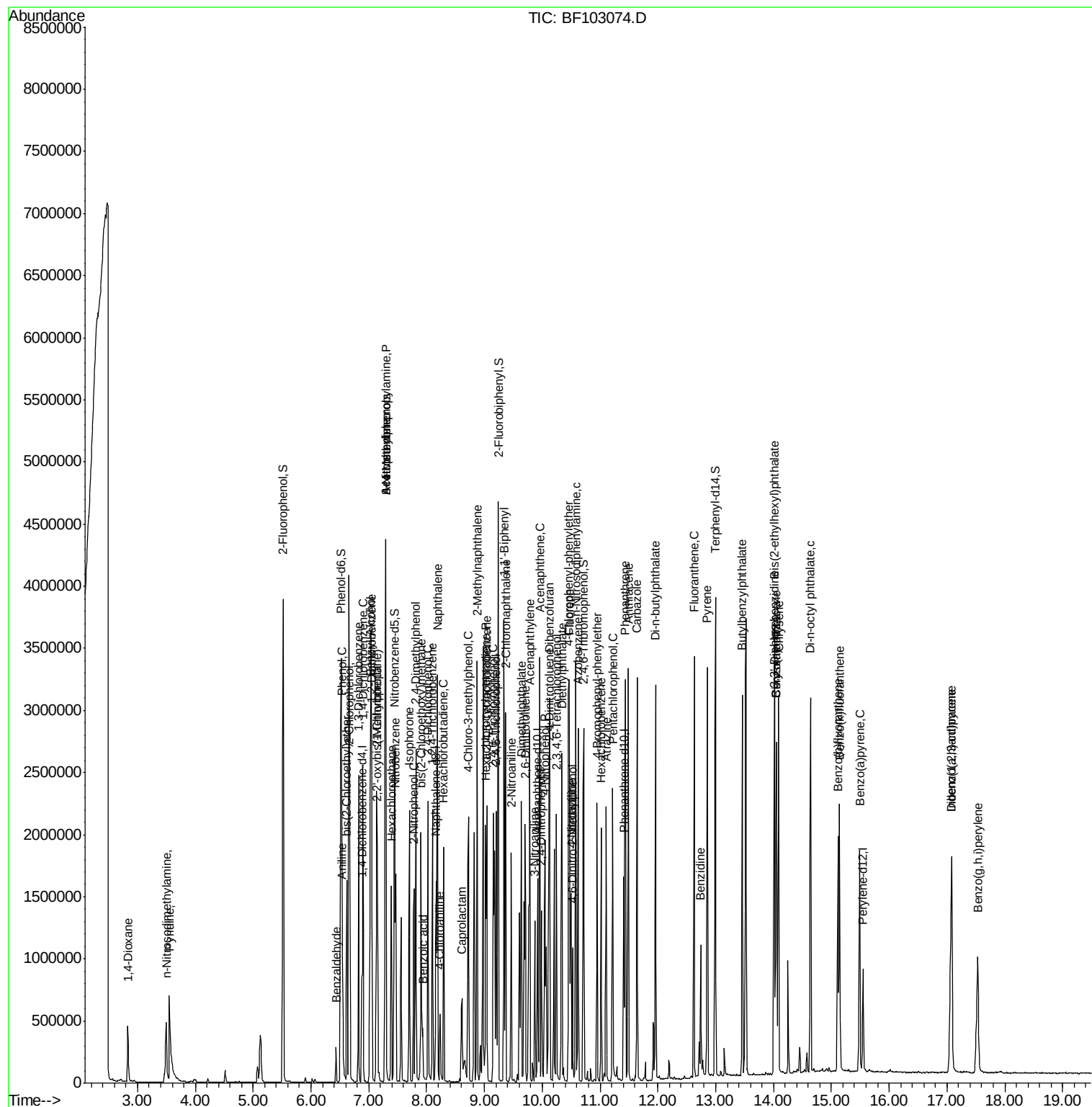
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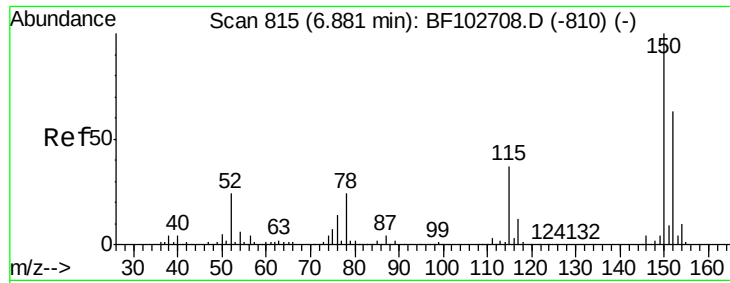
Instrument :
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#1

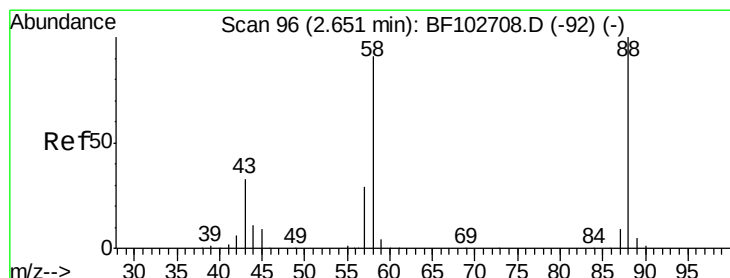
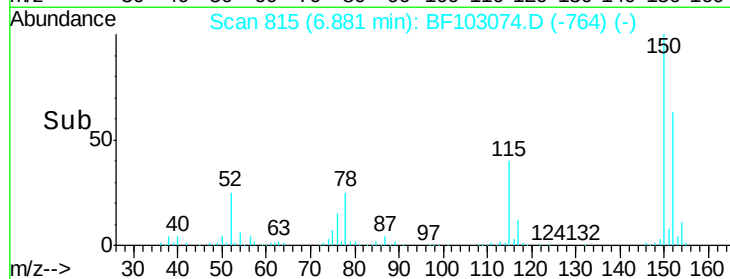
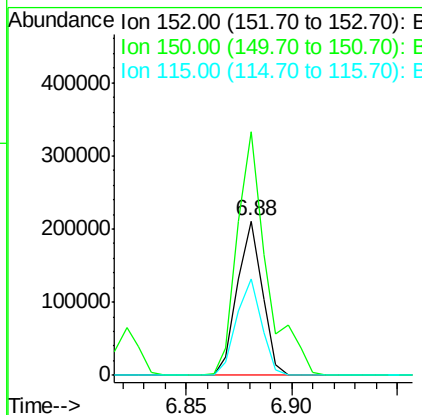
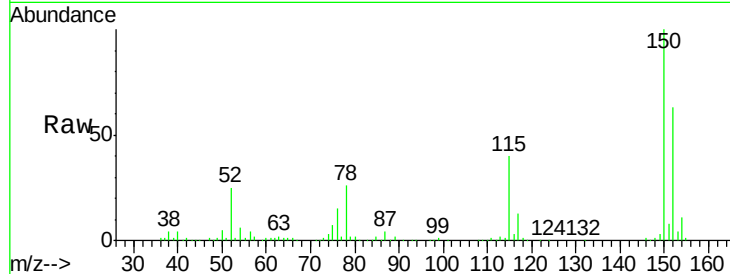
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.7	50.1	75.1

Manual Integrations
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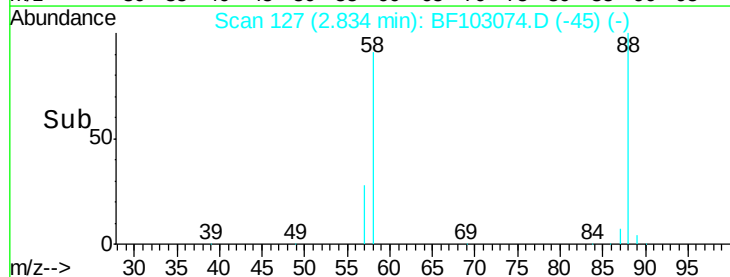
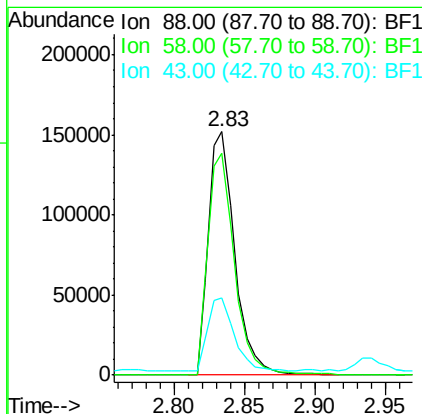
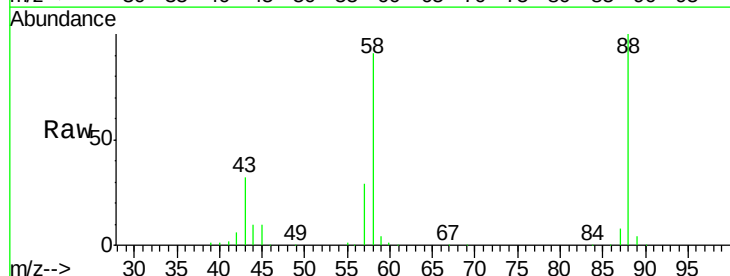
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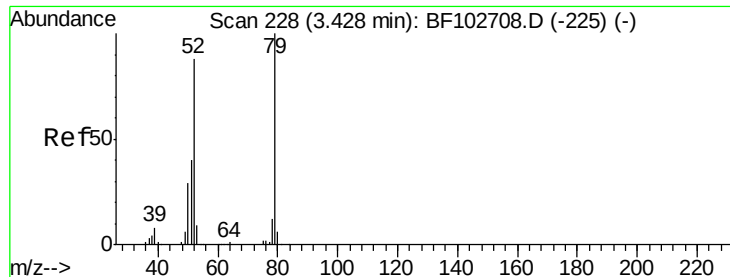


#2

1,4-Dioxane
Concen: 35.168 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.18 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	62.6	93.8
43	0.0	24.6	37.0#





#3

Pyridine

Concen: 32.627 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.12 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

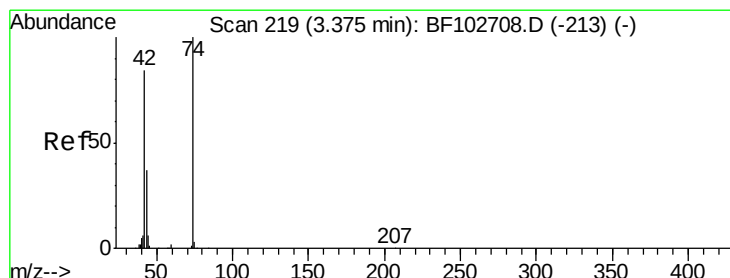
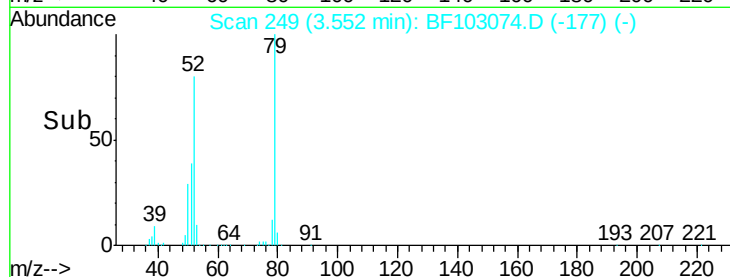
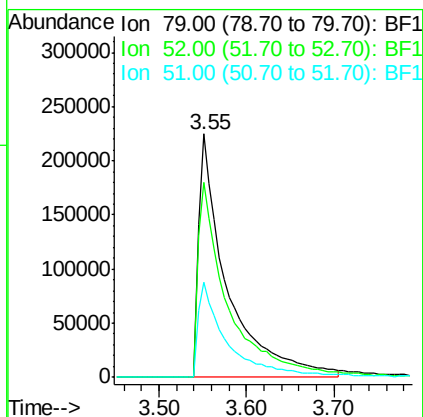
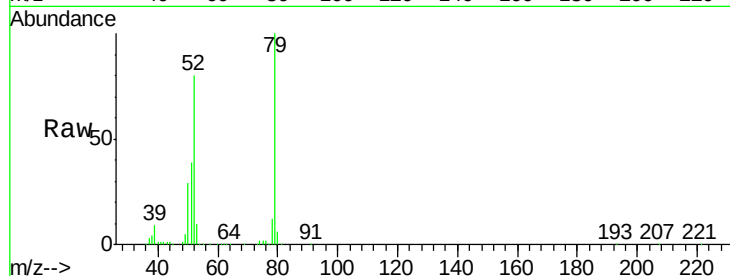
ClientSampleId :

OR-02-021518-AMS

Tgt Ion:	79	Resp:	506526
Ion Ratio	Lower	Upper	
79	100		
52	80.3	59.8	89.6
51	38.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.257 ng

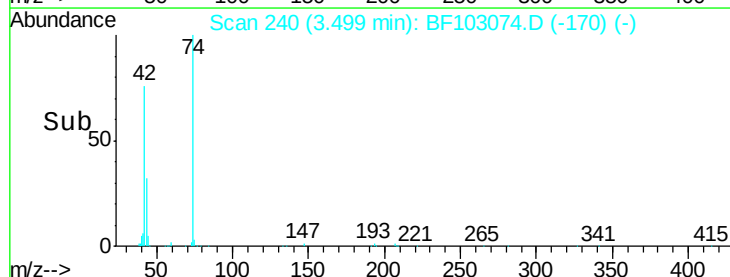
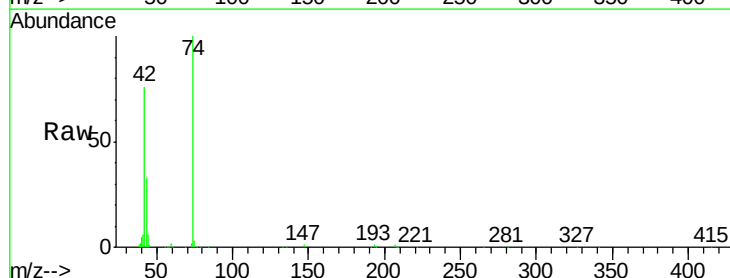
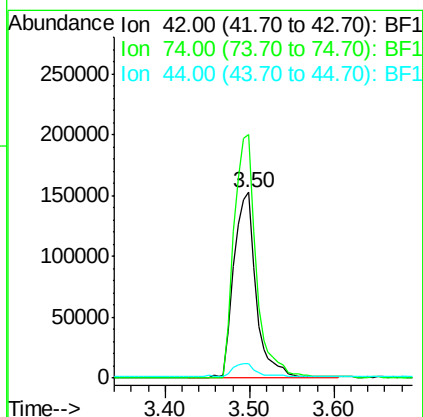
RT: 3.50 min Scan# 240

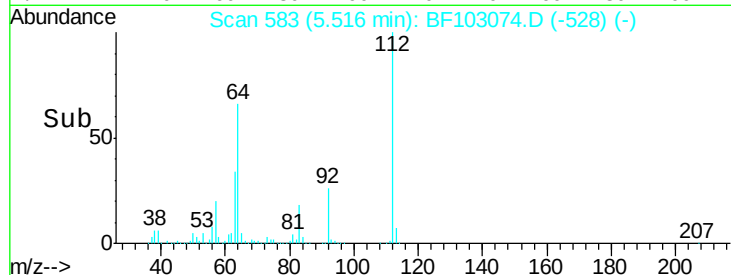
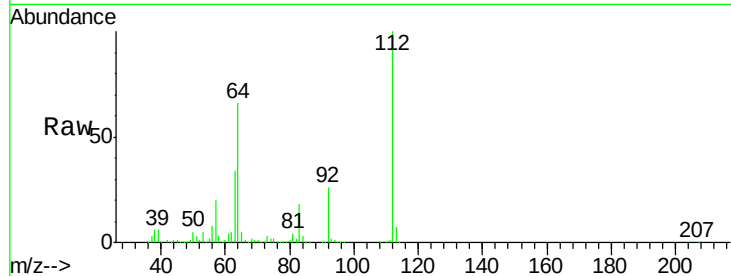
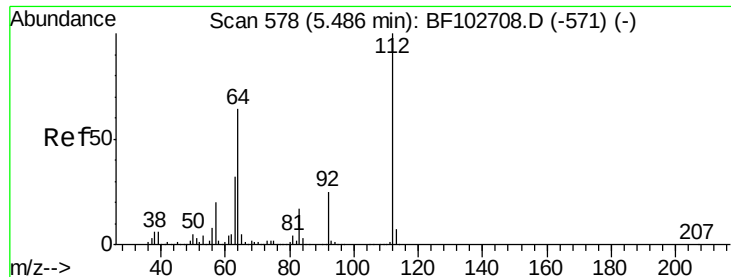
Delta R.T. 0.11 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	42	Resp:	274044
Ion Ratio	Lower	Upper	
42	100		
74	130.9	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 106.707 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	112	Resp:	1213956
Ion Ratio	Lower	Upper	
112	100		
64	66.0	47.9	71.9
63	33.8	23.7	35.5

Instrument :

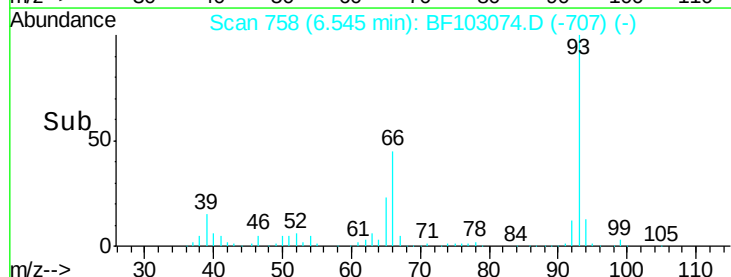
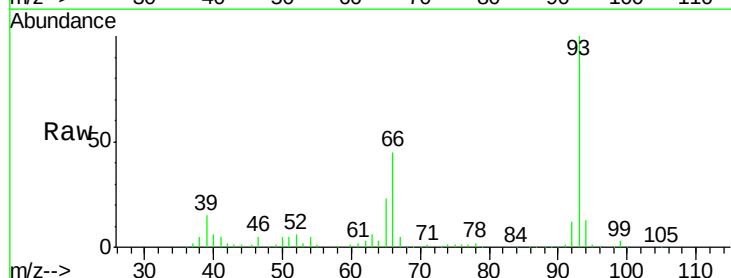
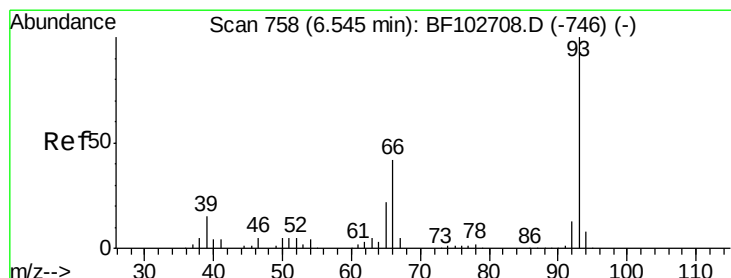
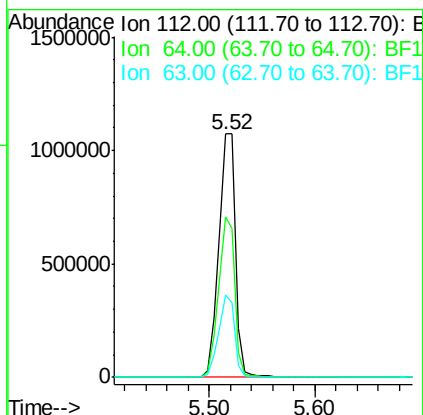
BNA_F

ClientSampleId :

OR-02-021518-AMS

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#6

Aniline

Concen: 22.693 ng

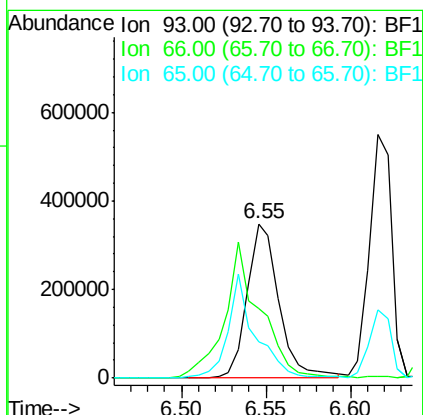
RT: 6.55 min Scan# 758

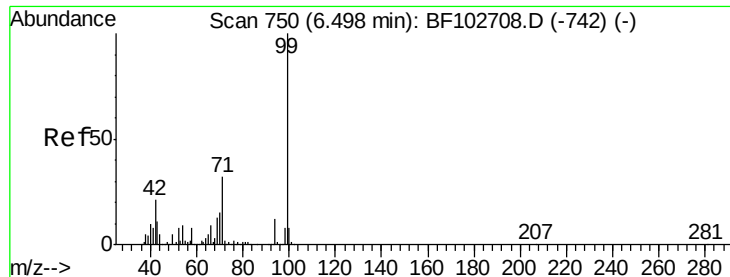
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	93	Resp:	459063
Ion Ratio	Lower	Upper	
93	100		
66	44.6	32.2	48.2
65	23.1	16.4	24.6





#7

Phenol-d6

Concen: 101.184 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMS

Tgt Ion: 99 Resp: 1386032

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

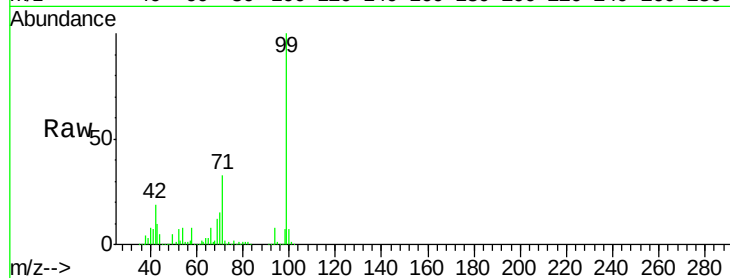
71 32.7 25.4 38.0

Manual Integrations

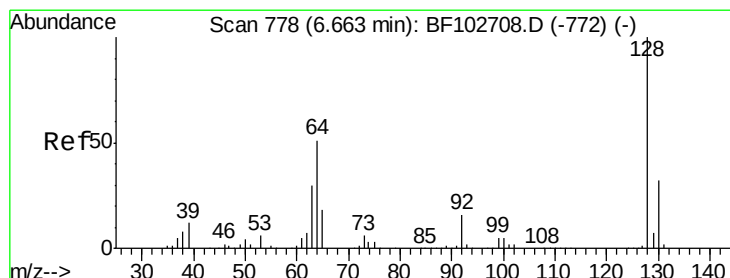
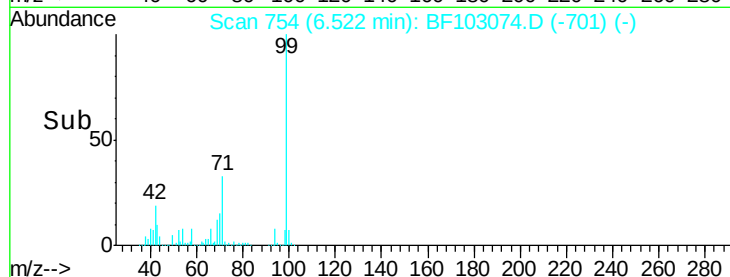
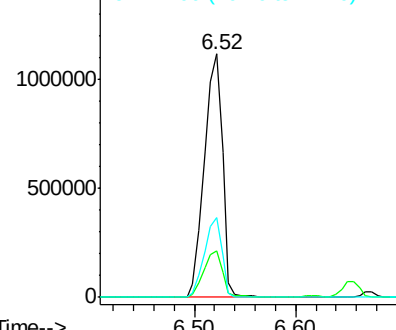
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.230 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

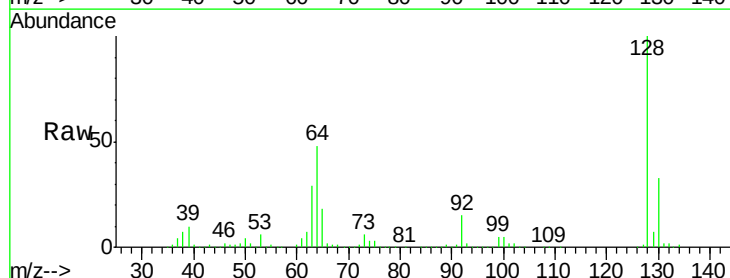
Tgt Ion: 128 Resp: 494609

Ion Ratio Lower Upper

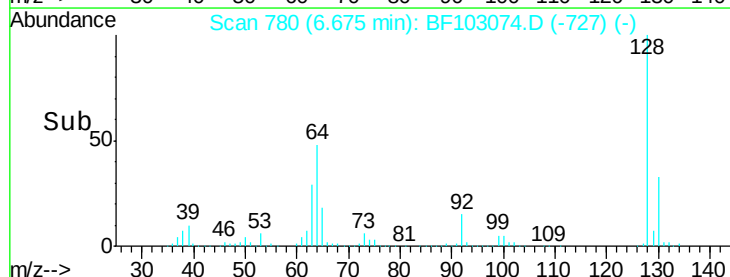
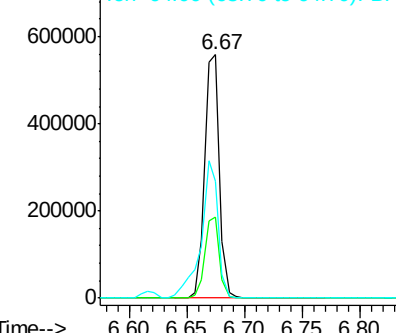
128 100

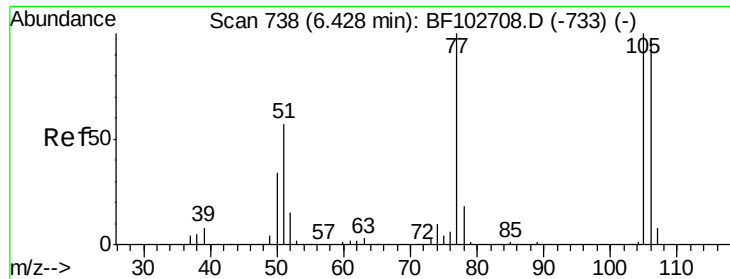
130 33.2 13.0 53.0

64 48.2 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





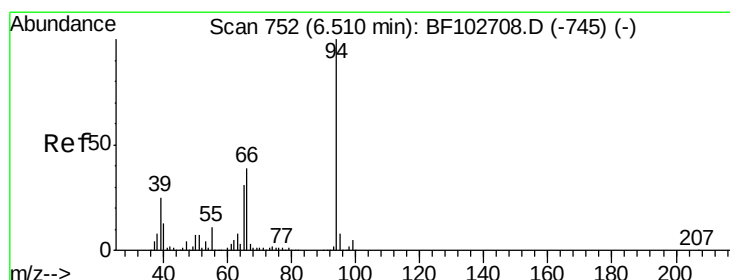
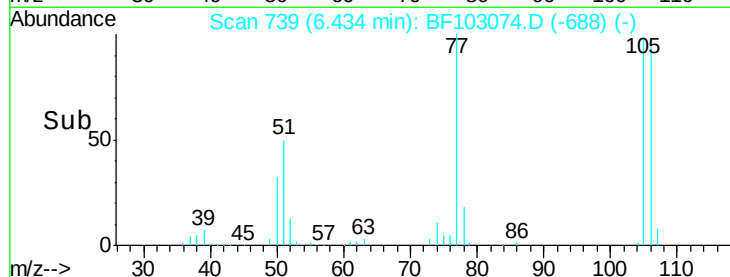
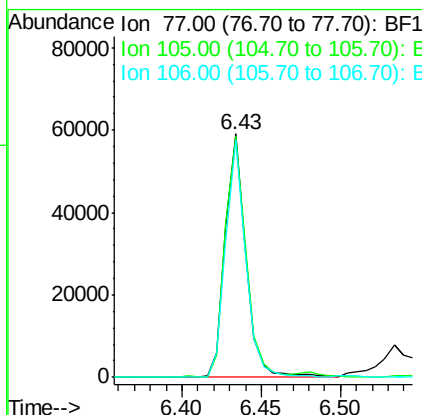
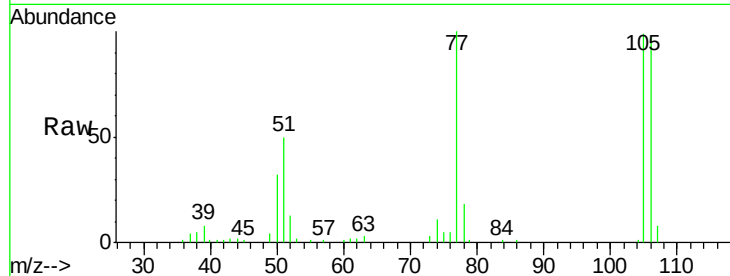
#9
Benzaldehyde
Concen: 5.243 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF103074.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 53338
Ion Ratio Lower Upper
77 100
105 98.8 81.1 121.1
106 97.3 74.5 114.5

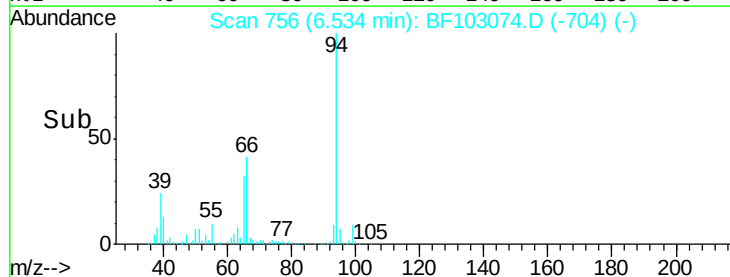
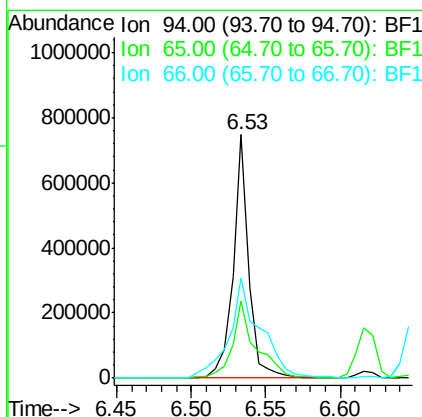
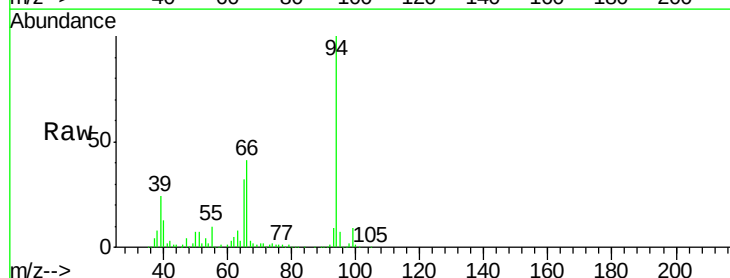
Manual Integrations
APPROVED

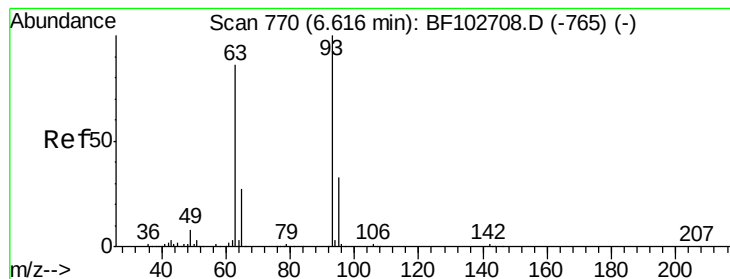
Sohil
2/20/2018 10:20:17 AM



#10
Phenol
Concen: 37.648 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion: 94 Resp: 552672
Ion Ratio Lower Upper
94 100
65 31.5 7.9 47.9
66 40.9 16.2 56.2





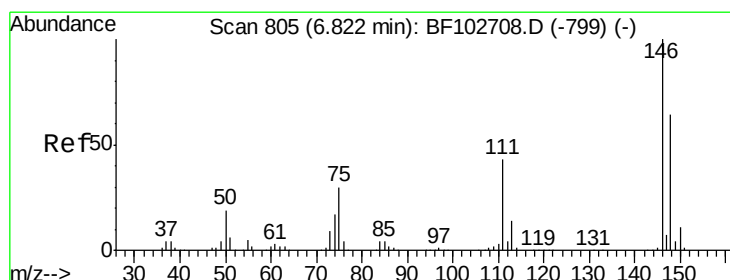
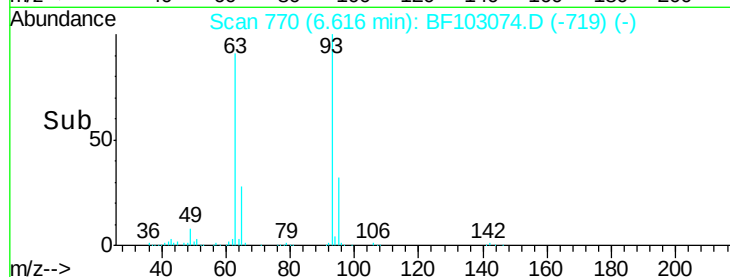
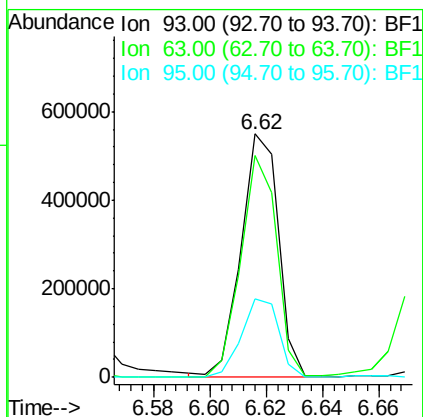
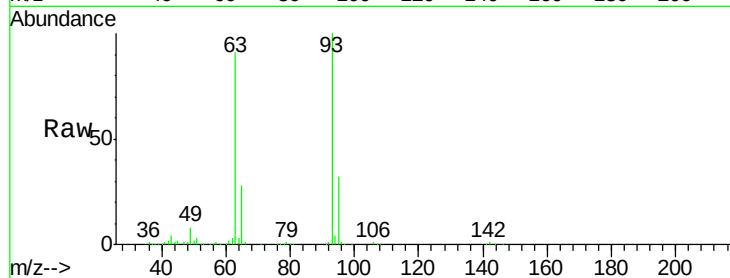
#11
bis(2-Chloroethyl)ether
Concen: 41.090 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.3	58.6	98.6
95	32.3	11.8	51.8

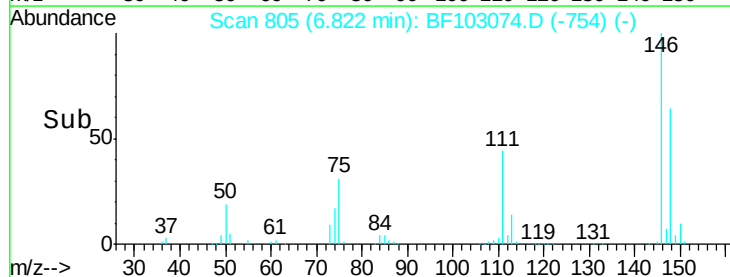
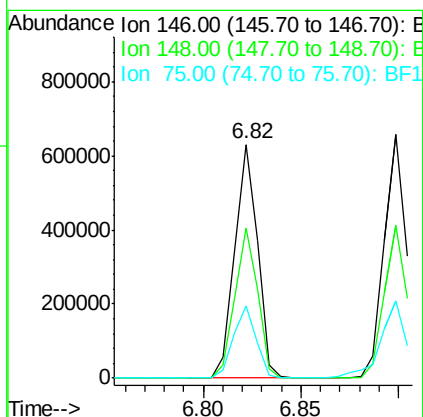
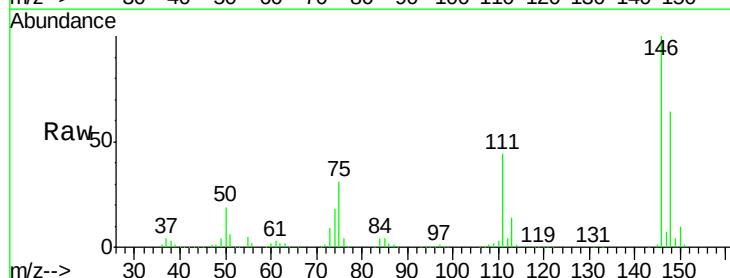
Manual Integrations
APPROVED

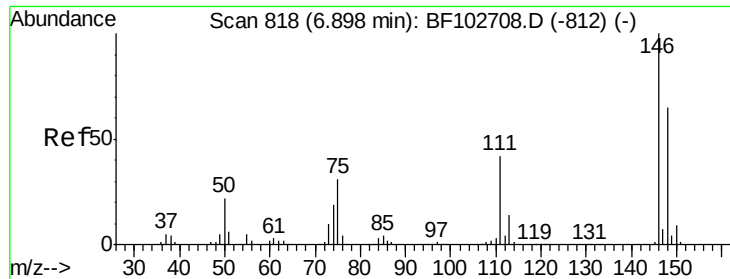
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.657 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	31.0	24.2	36.4





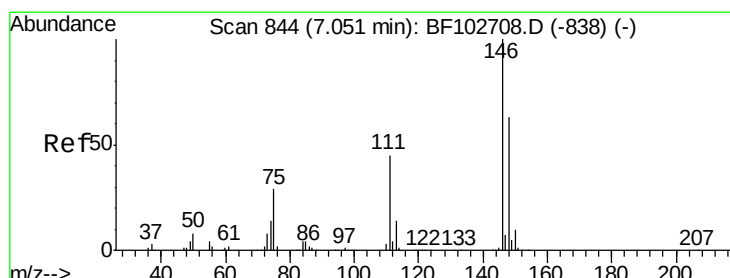
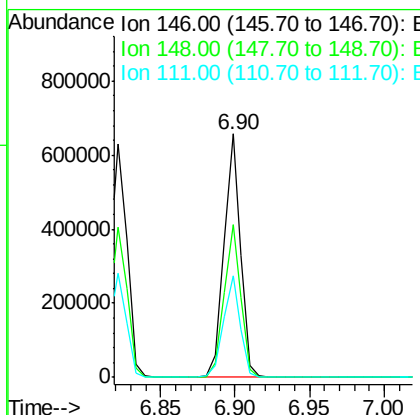
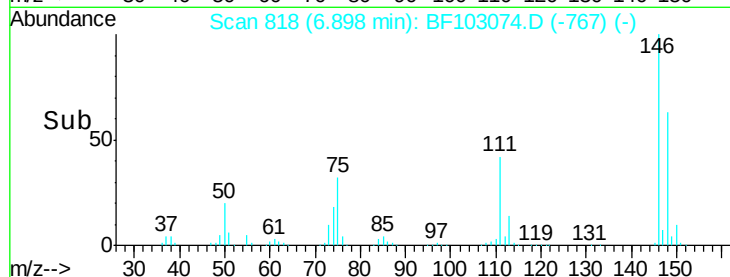
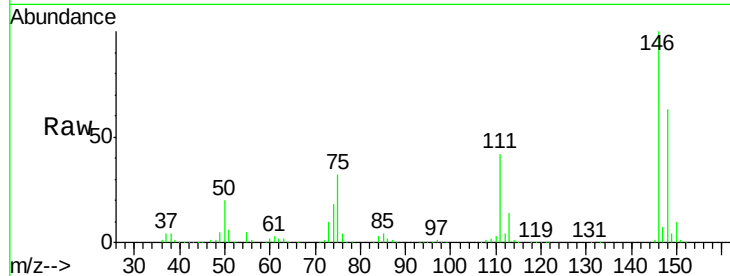
#13
 1,4-Dichlorobenzene
 Concen: 38.300 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	41.9	34.2	51.2

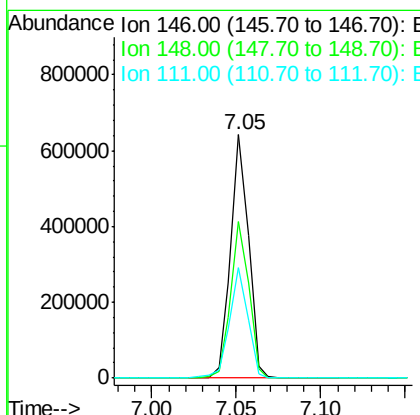
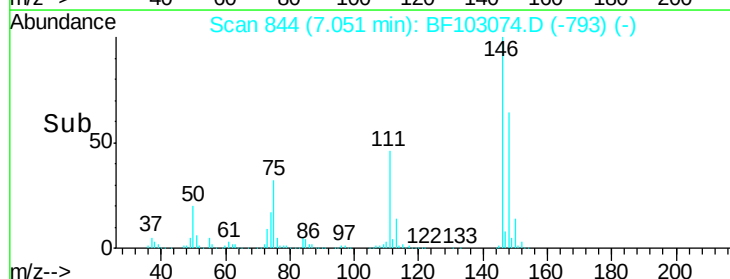
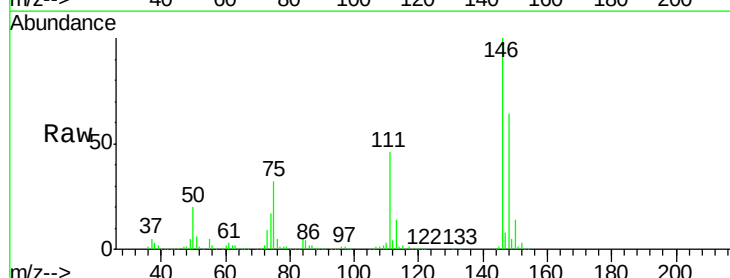
Manual Integrations
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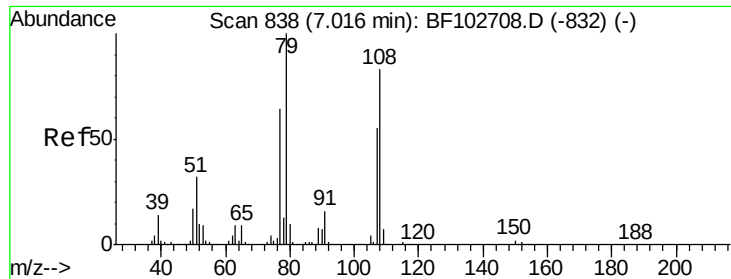
Sohil
 2/20/2018 10:20:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.623 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	45.6	36.0	54.0





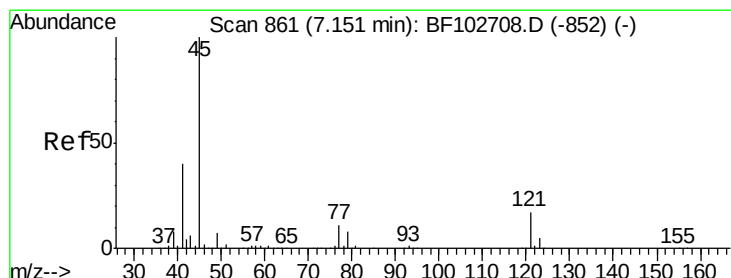
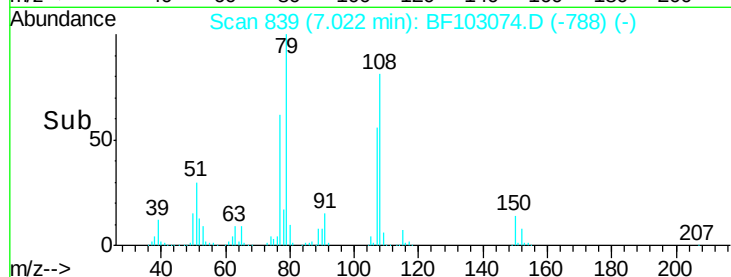
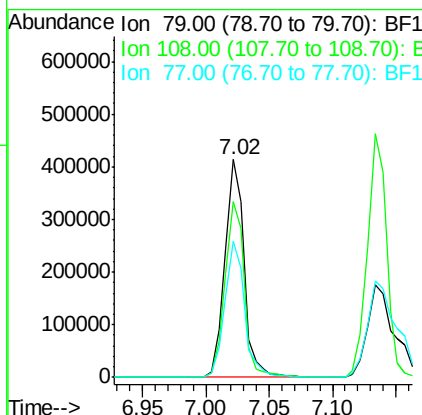
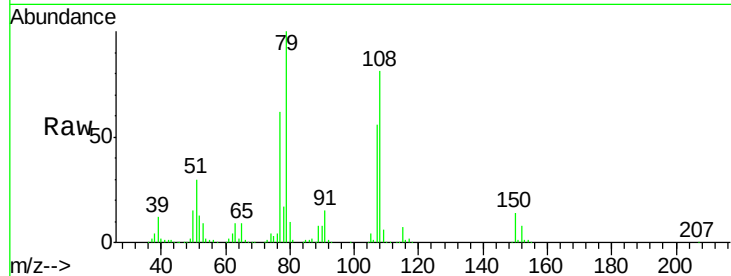
#15
Benzyl Alcohol
Concen: 41.510 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.6	65.1	97.7
77	62.4	50.6	75.8

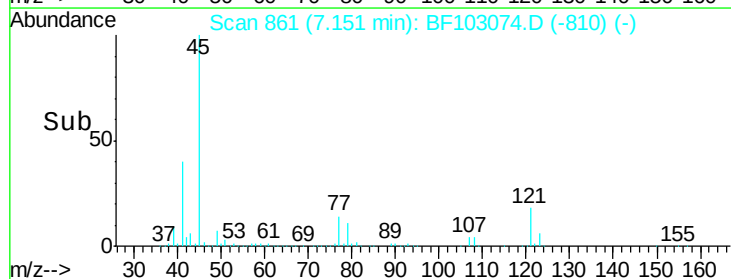
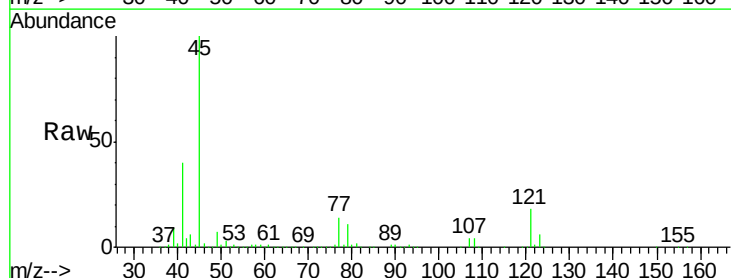
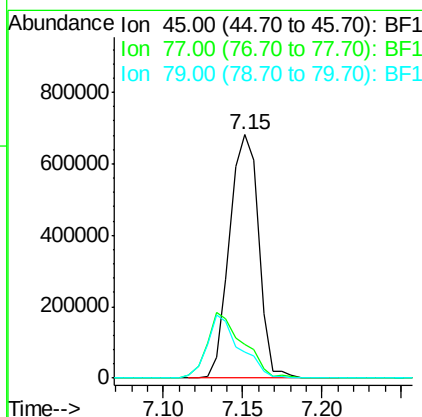
Manual Integrations
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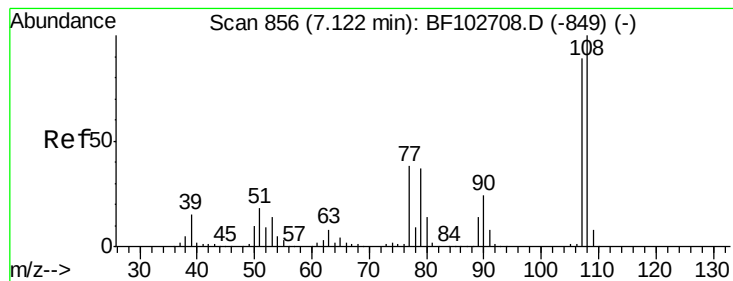
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.289 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.9
79	10.8	0.0	29.6





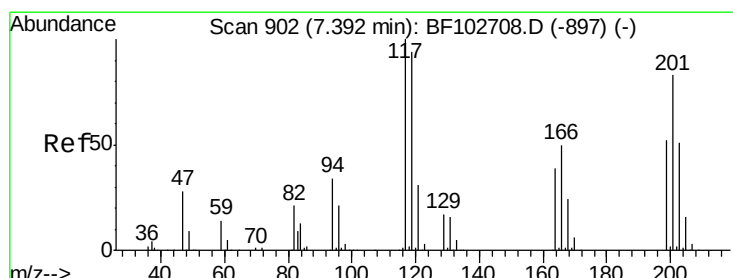
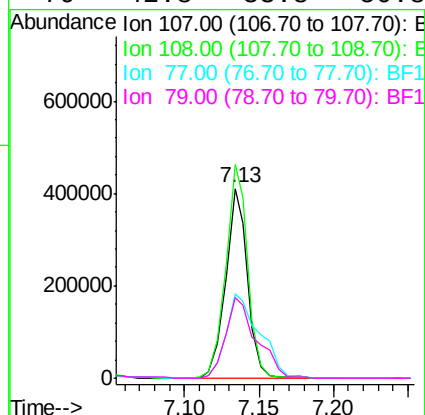
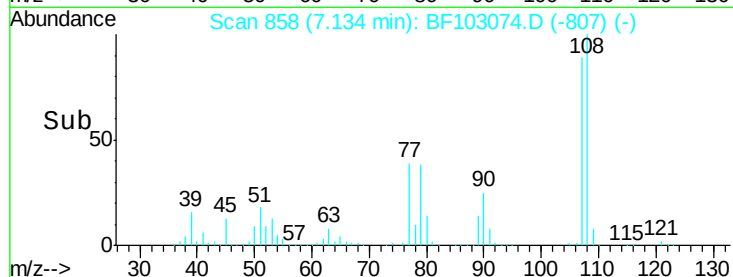
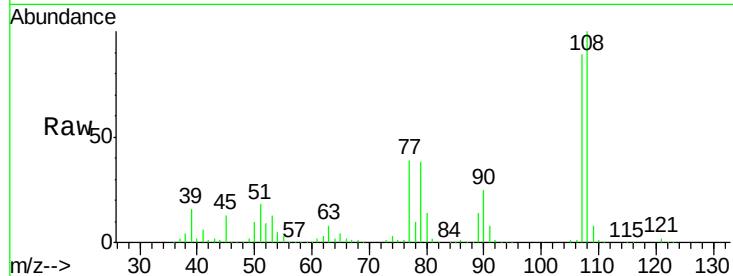
#17
2-Methylphenol
Concen: 39.272 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	424277		
108	112.5	91.7	137.5	
77	44.4	33.8	50.8	
79	42.8	33.8	50.8	

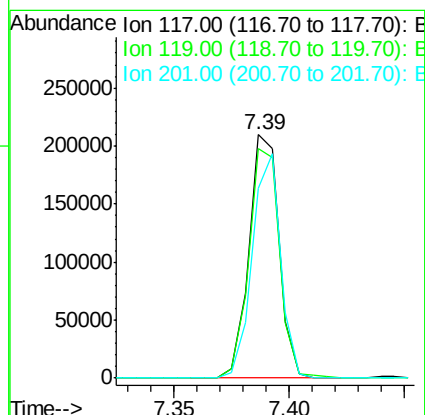
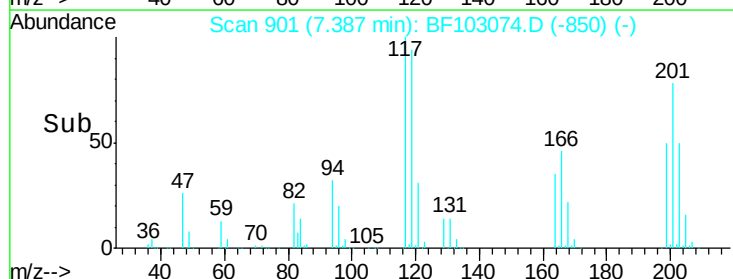
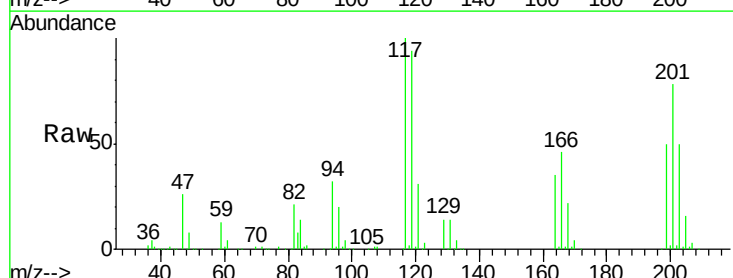
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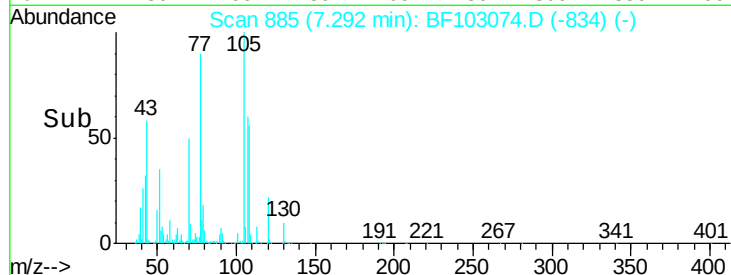
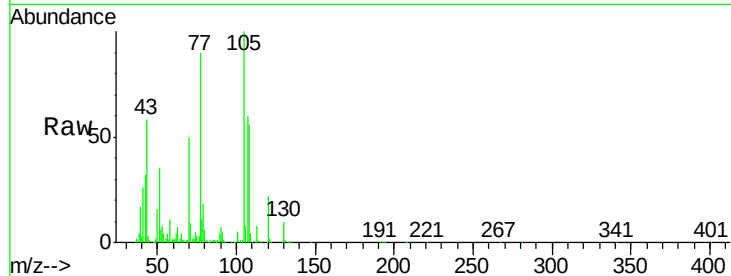
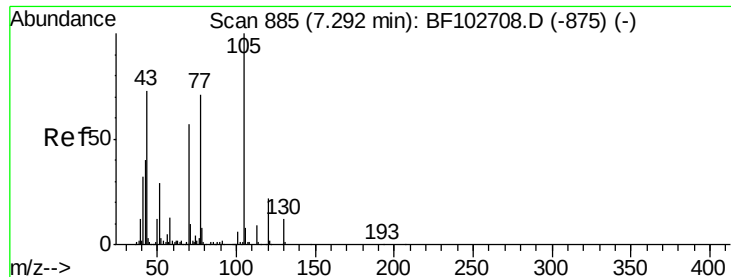
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#18
Hexachloroethane
Concen: 41.396 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	191787		
119	94.4	75.8	113.8	
201	77.8	75.7	113.5	





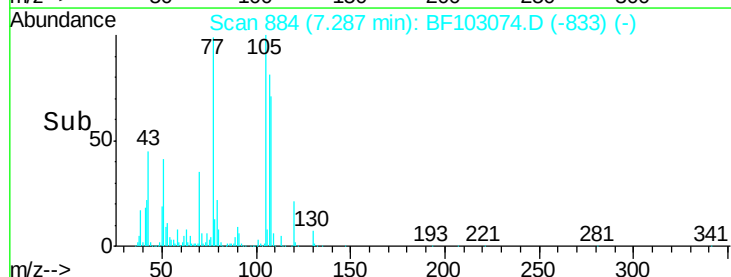
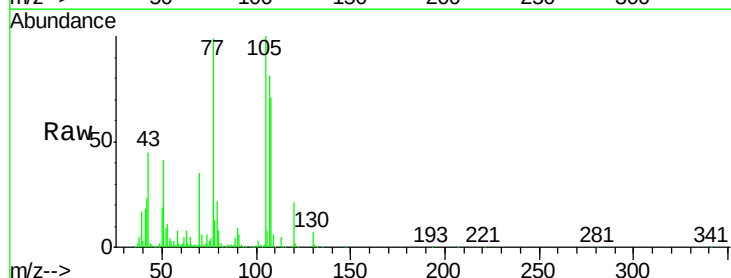
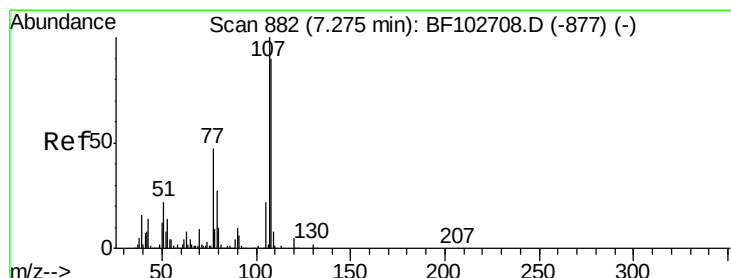
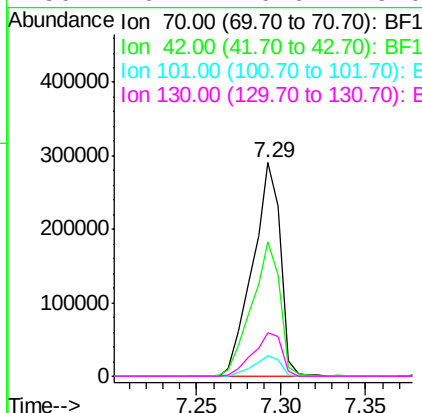
#19
n-Nitroso-di-n-propylamine
Concen: 36.928 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

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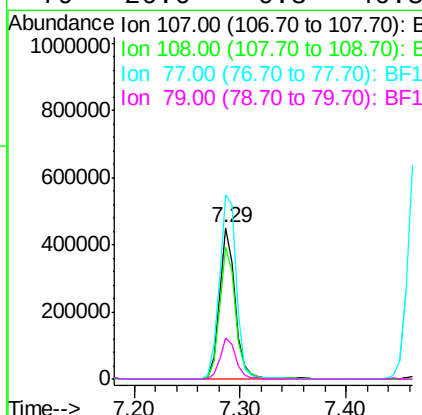
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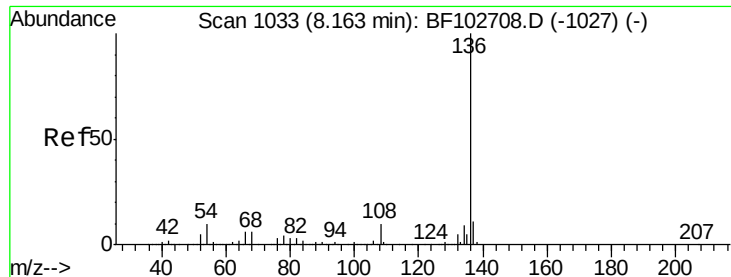
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	9.7	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.550 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	122.0	26.7	66.7#
79	26.6	6.3	46.3





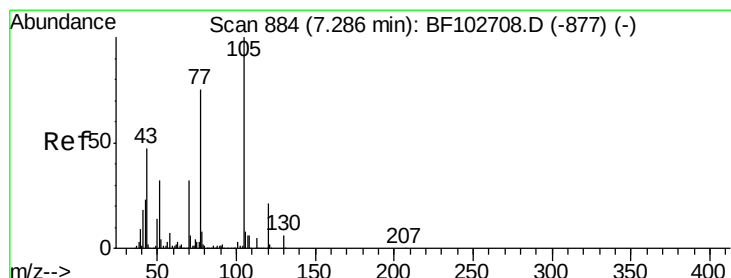
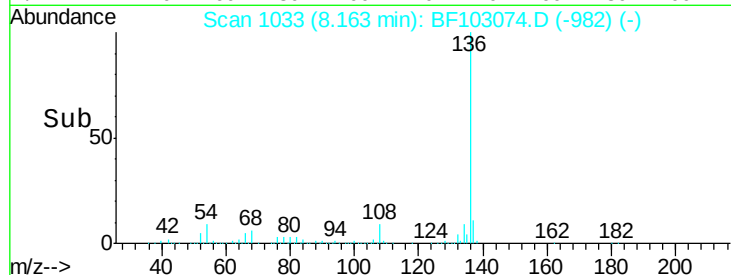
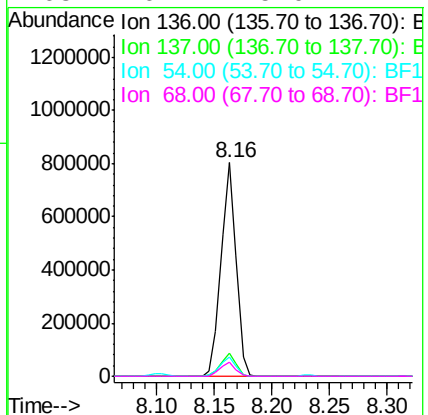
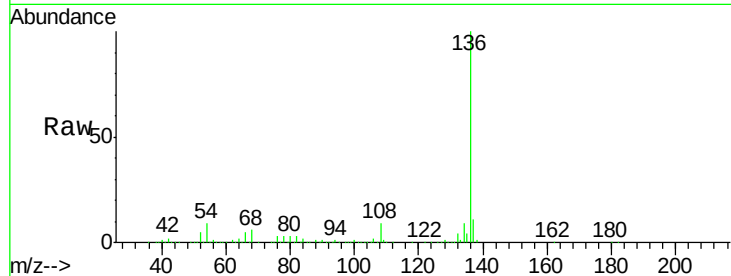
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	730134		
137	11.0	8.9	13.3	
54	9.2	6.6	9.8	
68	6.4	5.0	7.4	

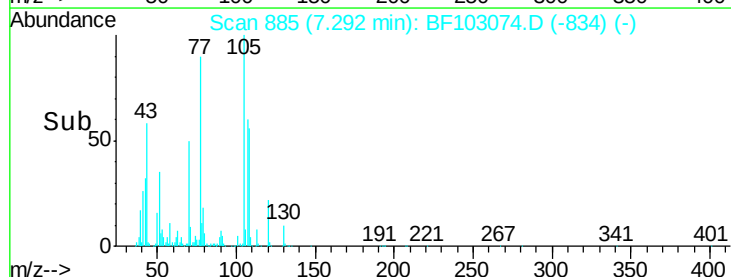
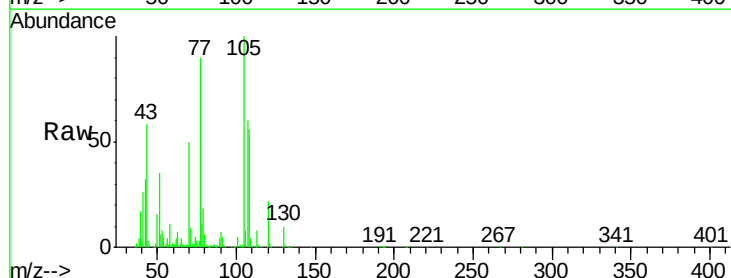
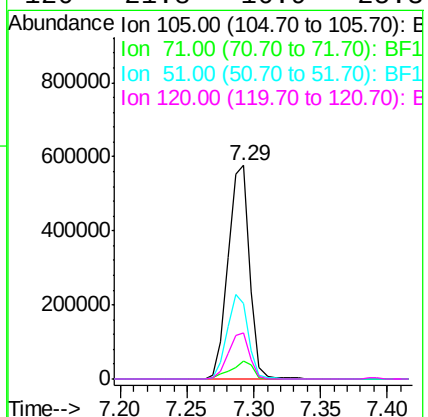
Manual Integrations
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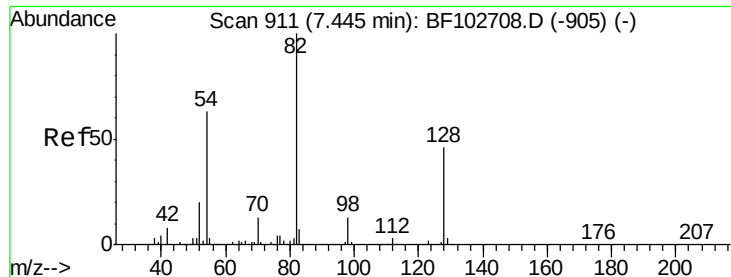
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#22
Acetophenone
Concen: 36.620 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	654296		
71	8.6	4.4	6.6#	
51	35.3	22.3	33.5#	
120	21.8	16.9	25.3	





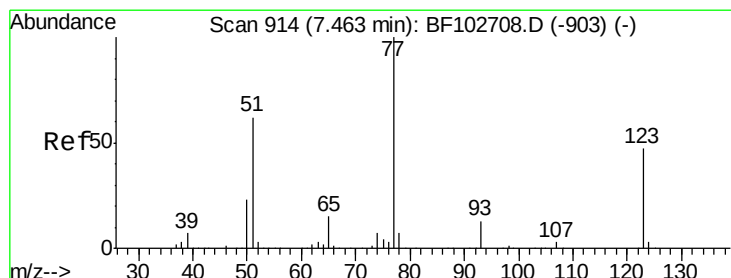
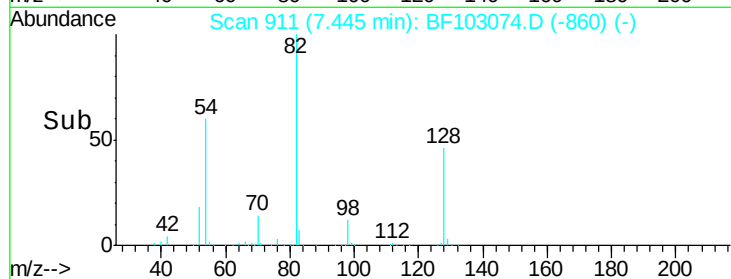
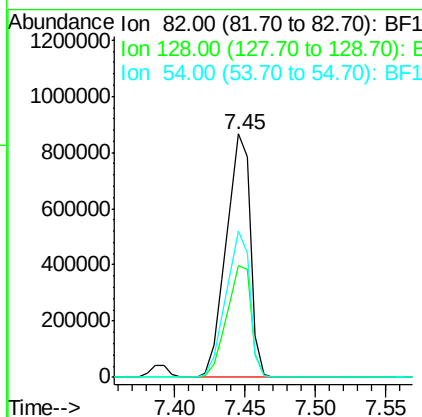
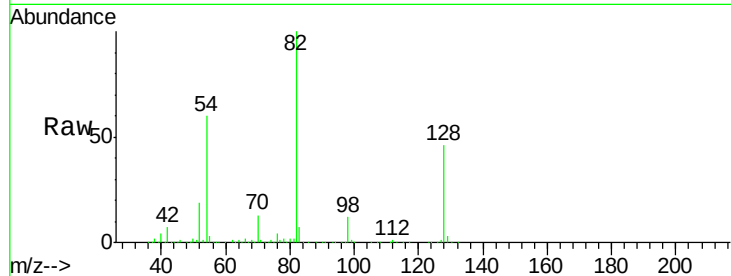
#23
 Nitrobenzene-d5
 Concen: 97.871 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion: 82 Resp: 1030109
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 60.3 41.4 62.2

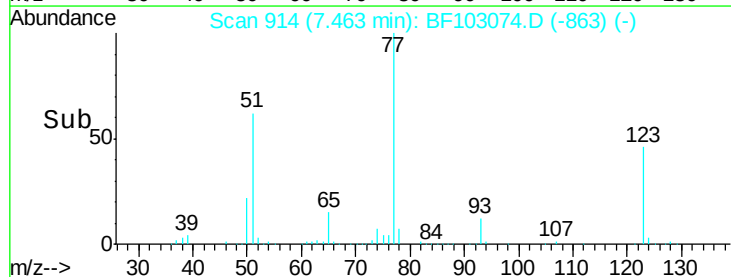
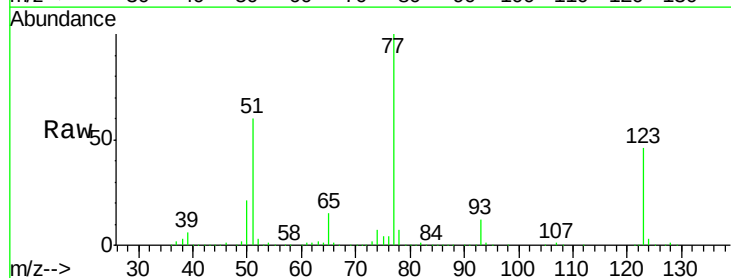
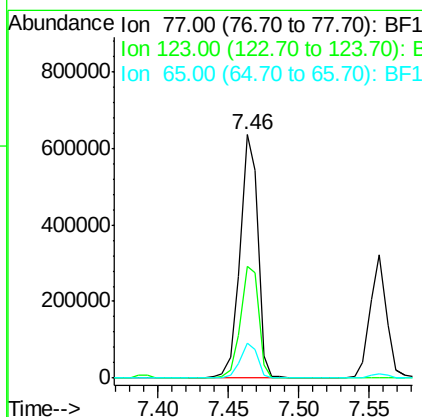
Manual Integrations
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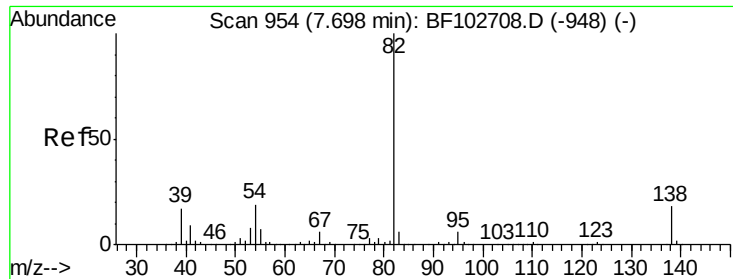
Sohil
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#24
 Nitrobenzene
 Concen: 45.007 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion: 77 Resp: 557208
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.9 56.9
 65 14.6 11.0 16.4





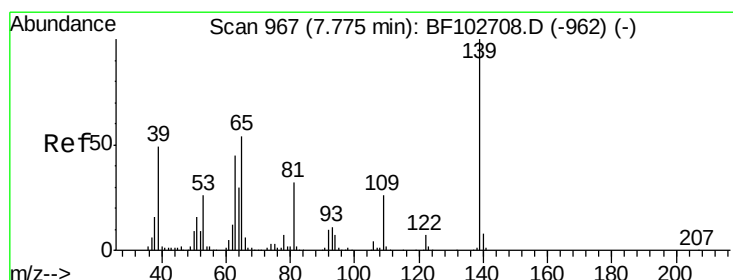
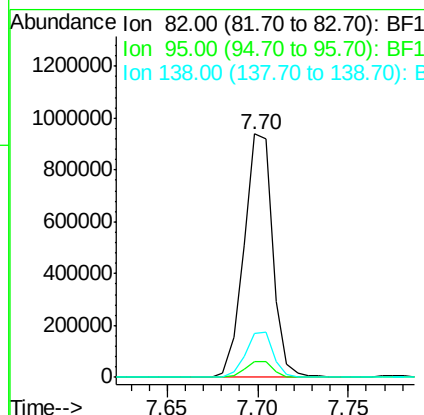
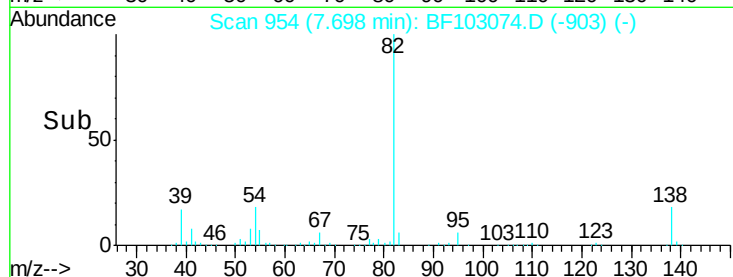
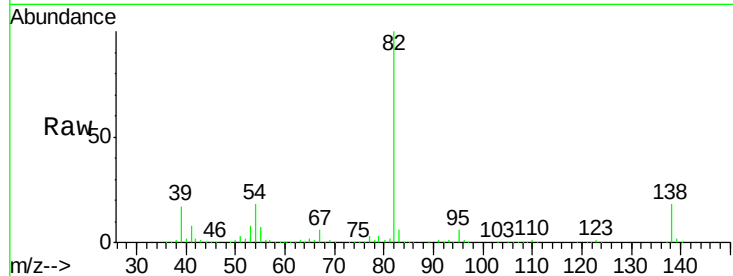
#25
Isophorone
Concen: 42.524 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion: 82 Resp: 1030606
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.8 14.9 22.3

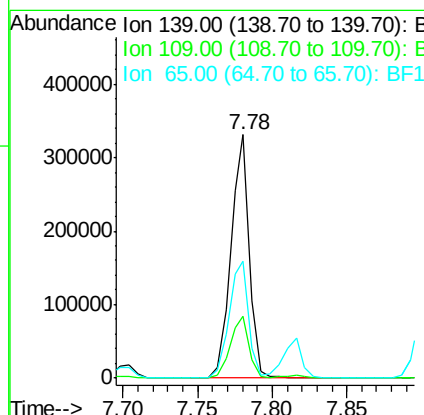
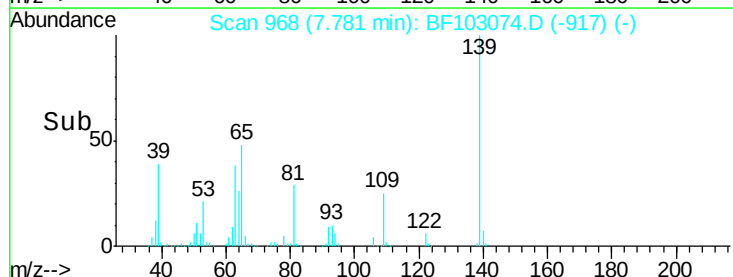
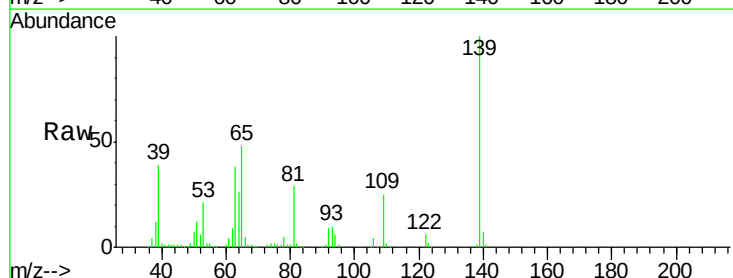
Manual Integrations
APPROVED

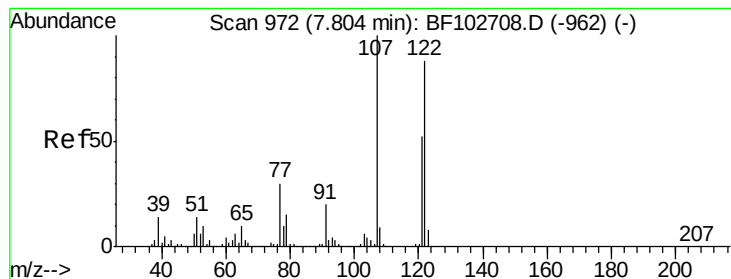
Sohil
2/20/2018 10:20:17 AM



#26
2-Nitrophenol
Concen: 55.378 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

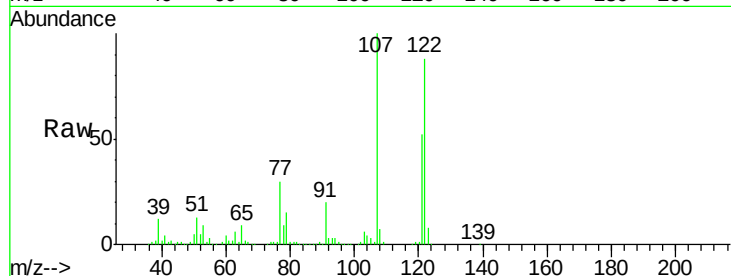
Tgt Ion: 139 Resp: 289936
Ion Ratio Lower Upper
139 100
109 25.2 22.7 34.1
65 48.0 40.5 60.7





#27
 2,4-Dimethylphenol
 Concen: 44.984 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

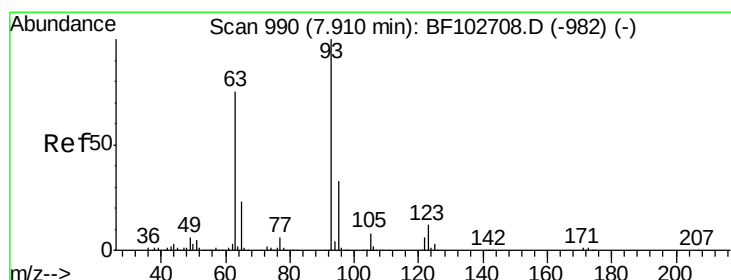
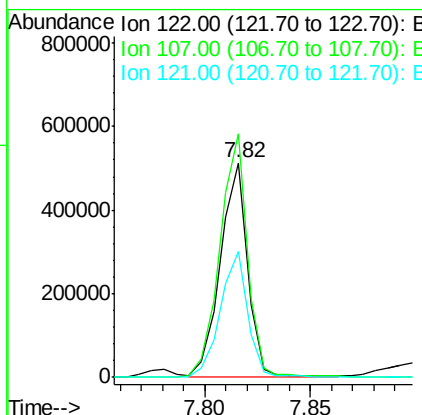
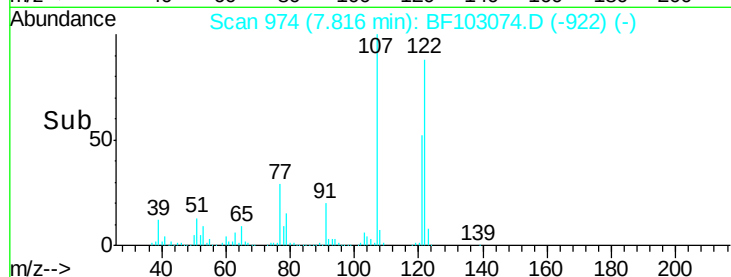
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	460595		
107	113.4	91.2	136.8	
121	58.8	47.2	70.8	

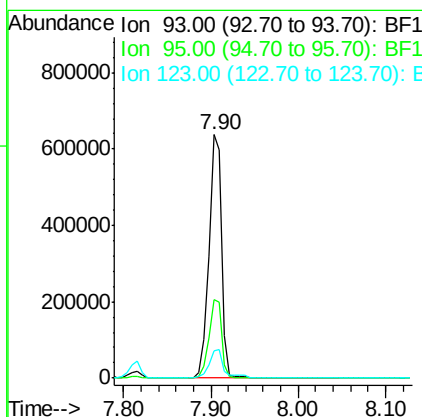
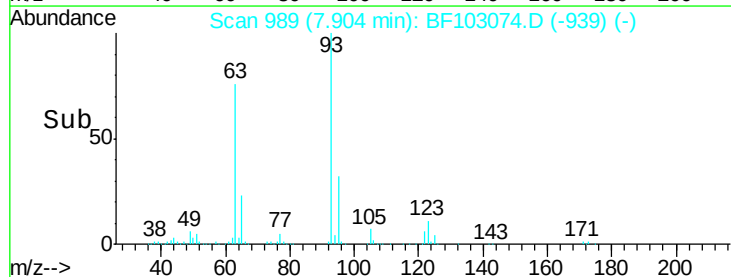
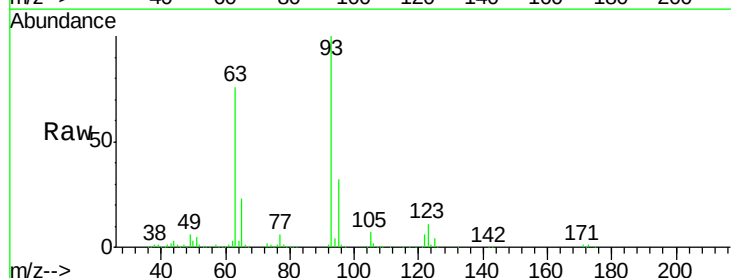
Manual Integrations
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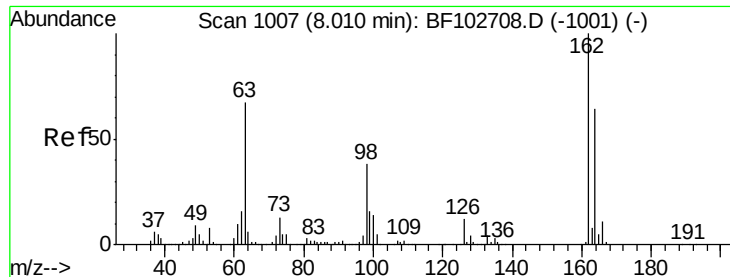
Sohil
 2/20/2018 10:20:17 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.762 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	642641		
95	32.4	26.3	39.5	
123	11.3	9.8	14.6	





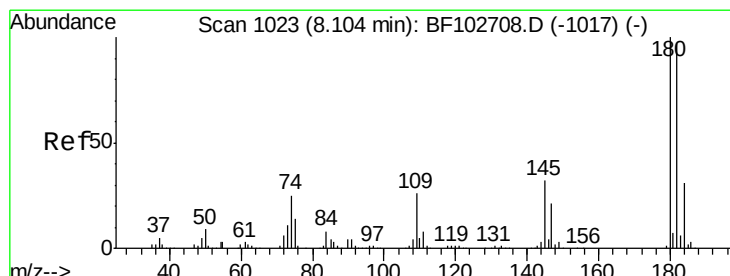
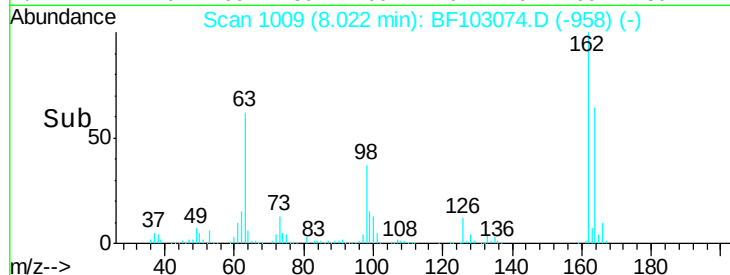
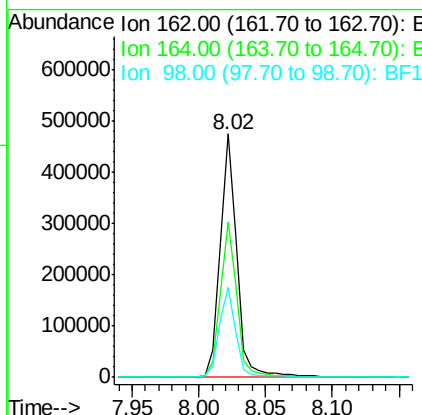
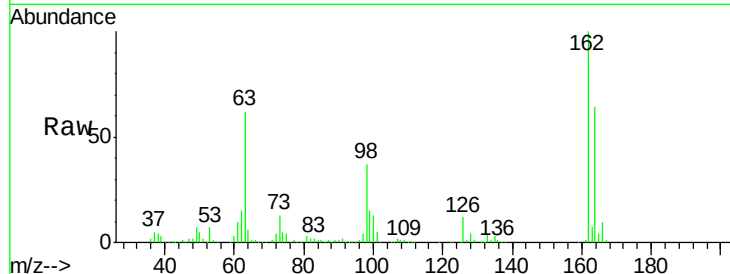
#29
 2,4-Dichlorophenol
 Concen: 45.326 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion:	162	Resp:	421896
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	37.2	18.1	58.1

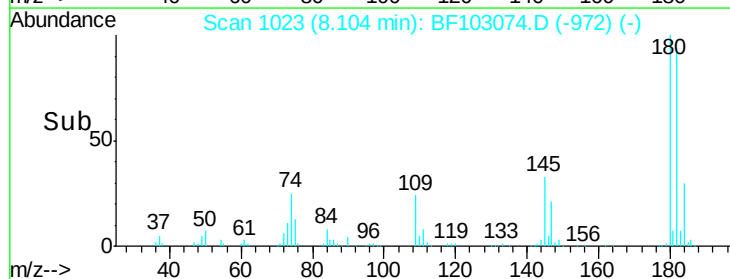
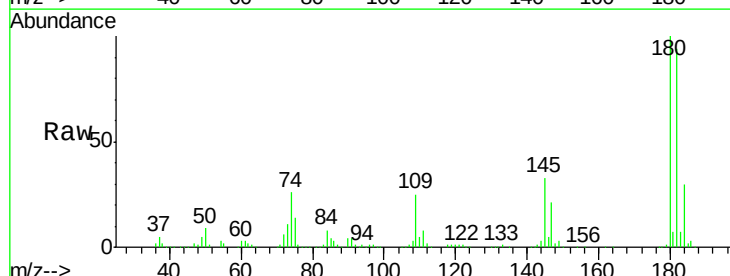
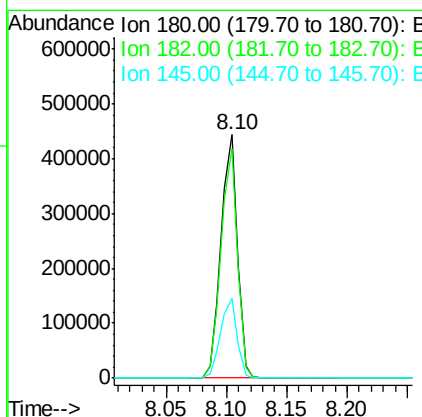
Manual Integrations
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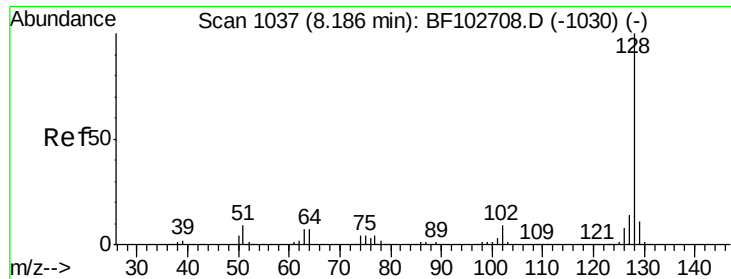
Sohil
 2/20/2018 10:20:17 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.525 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:	180	Resp:	416193
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	32.7	26.5	39.7





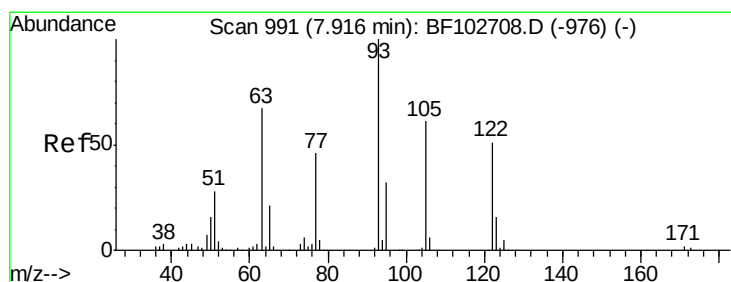
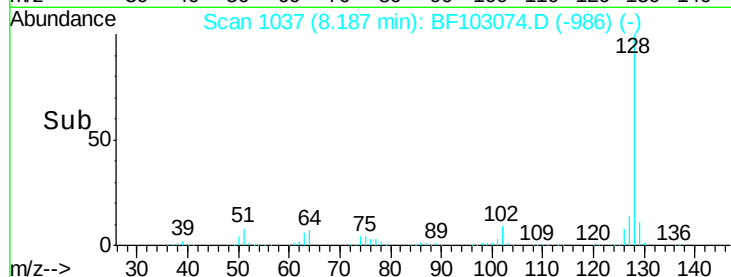
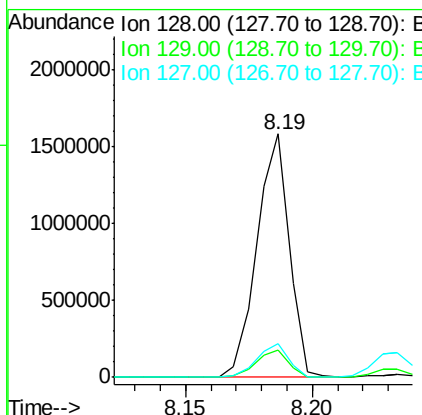
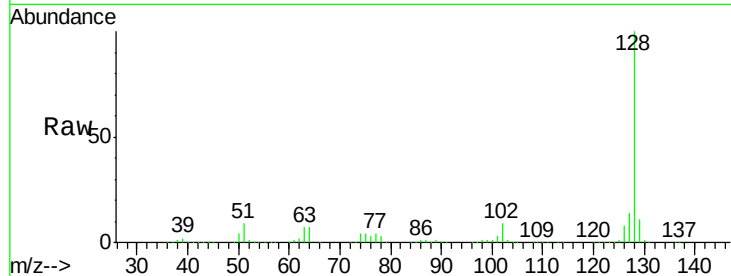
#31
Naphthalene
Concen: 39.587 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion:128 Resp: 1412168
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.9 16.3

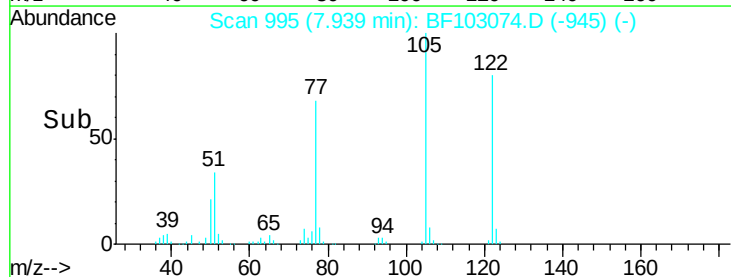
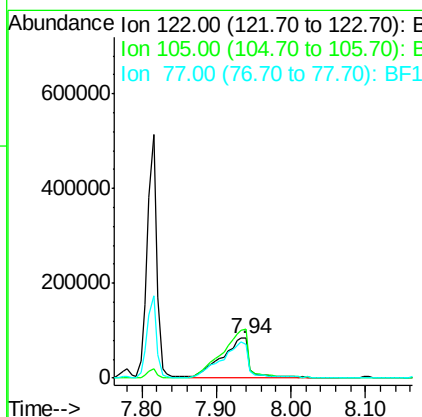
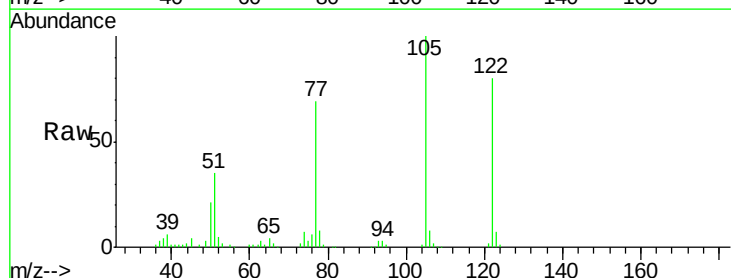
Manual Integrations
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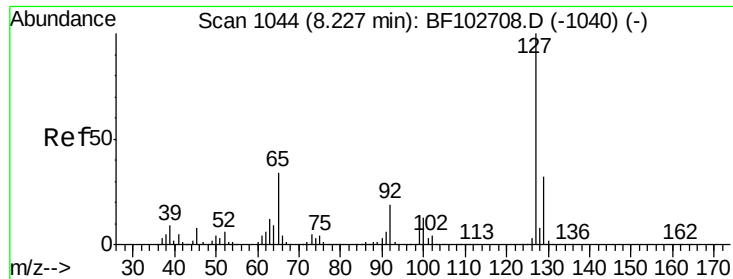
Sohil
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#32
Benzoic acid
Concen: 34.749 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:122 Resp: 218807
Ion Ratio Lower Upper
122 100
105 124.5 101.1 141.1
77 86.0 70.7 110.7





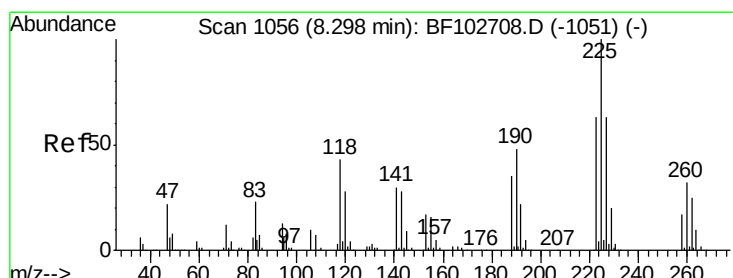
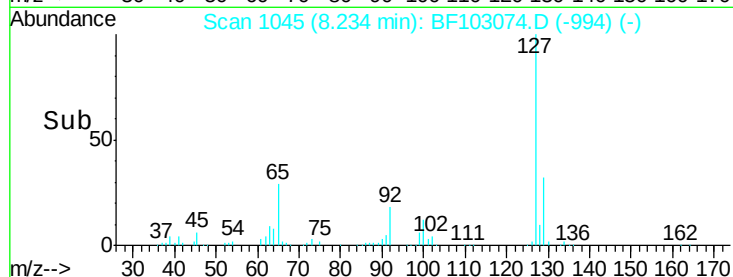
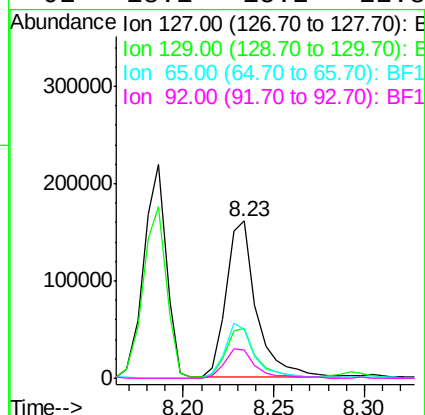
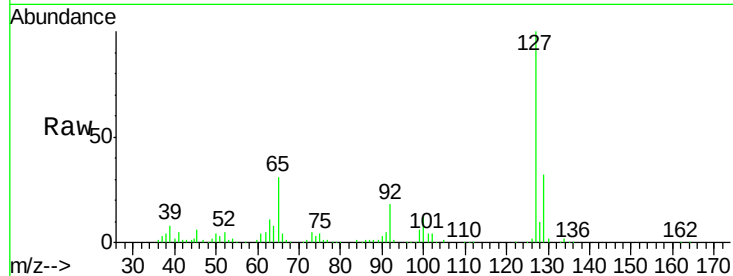
#33
 4-Chloroaniline
 Concen: 12.244 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	188162		
129	31.9	25.9	38.9	
65	31.4	25.0	37.4	
92	18.1	15.2	22.8	

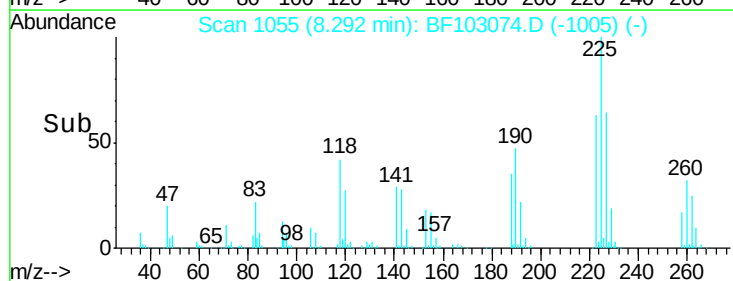
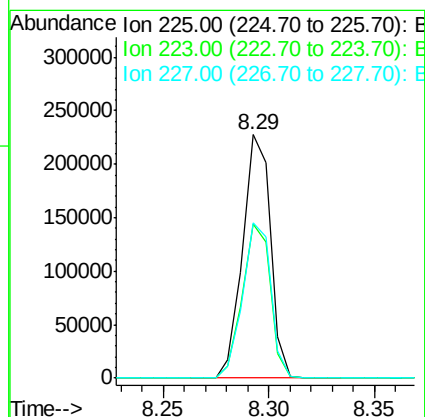
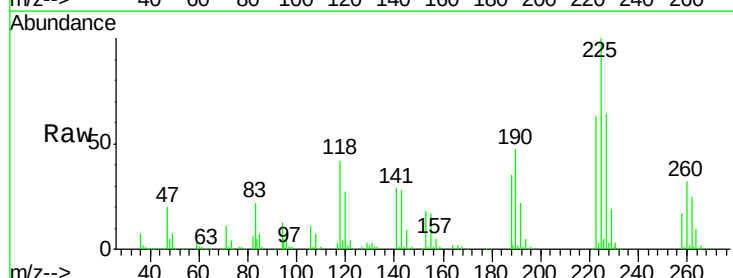
Manual Integrations
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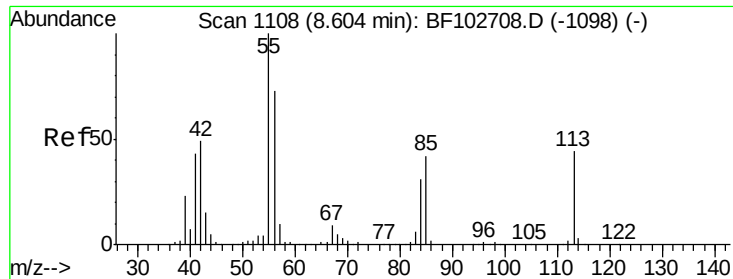
Sohil
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#34
 Hexachlorobutadiene
 Concen: 38.388 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	207133		
223	63.4	50.6	76.0	
227	64.0	51.9	77.9	





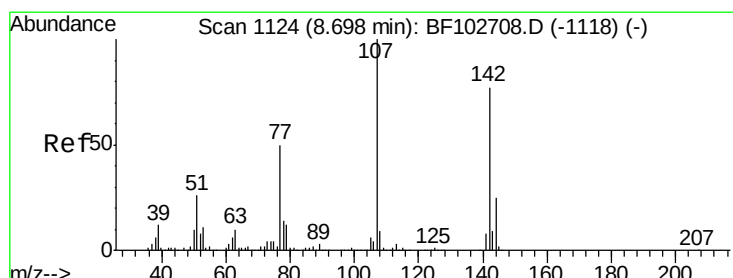
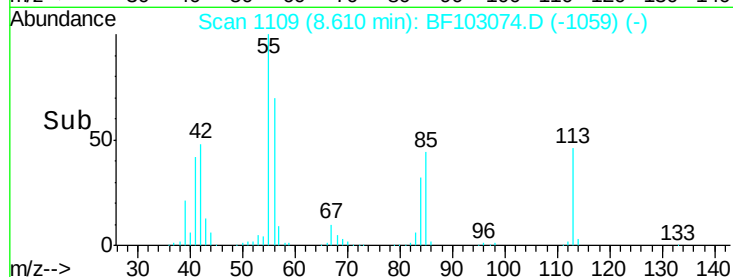
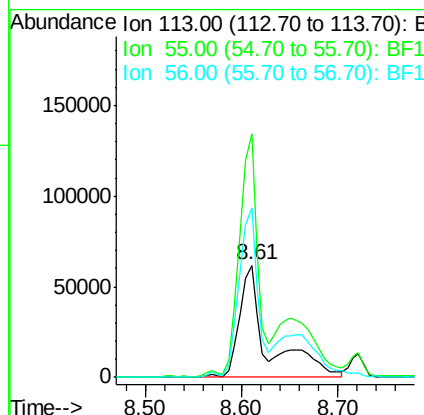
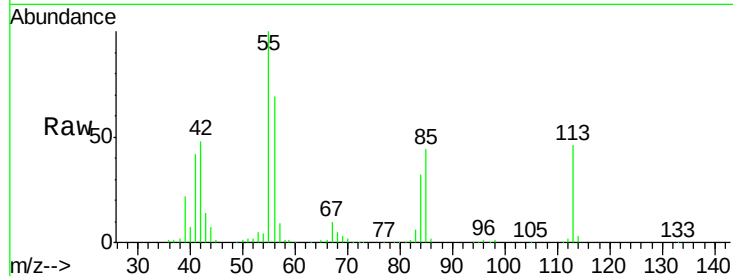
#35
 Caprolactam
 Concen: 39.369 ng m
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion:113 Resp: 127261
 Ion Ratio Lower Upper
 113 100
 55 217.5 163.3 203.3#
 56 151.0 115.7 155.7

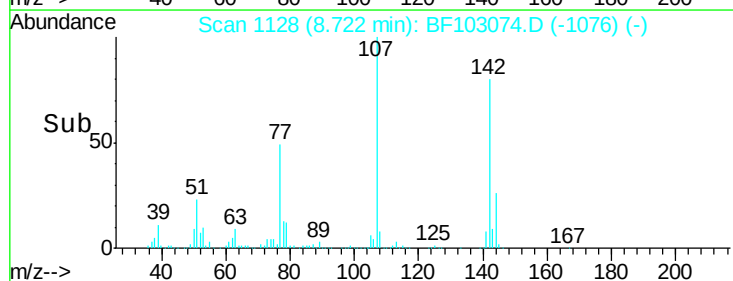
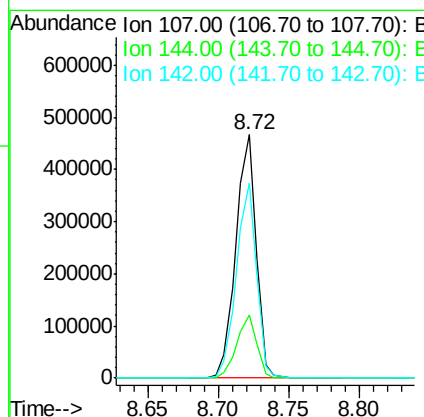
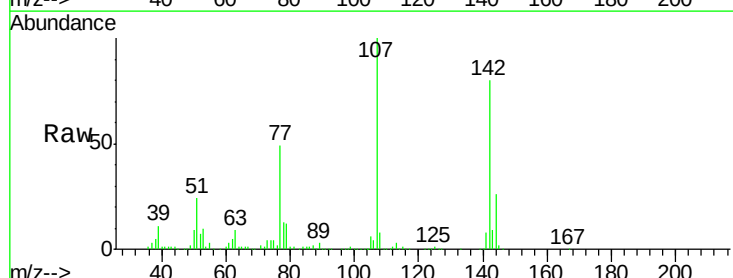
Manual Integrations
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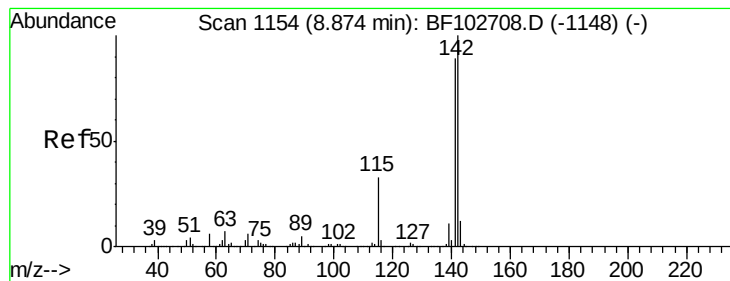
Sohil
 2/20/2018 10:20:17 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.143 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

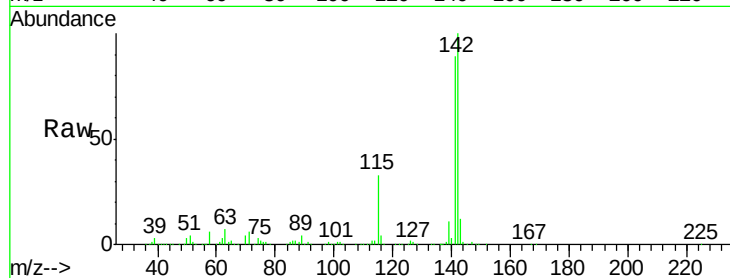
Tgt Ion:107 Resp: 472115
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.2 62.0 93.0





#37
2-Methylnaphthalene
Concen: 41.234 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

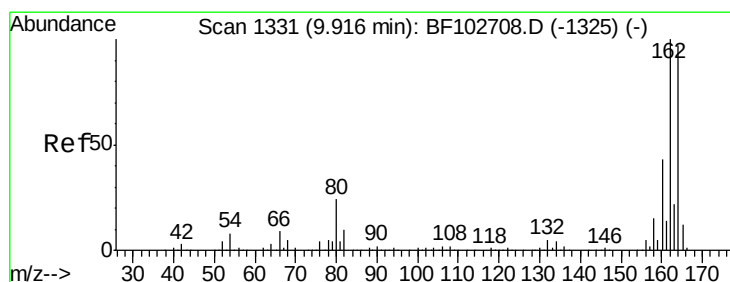
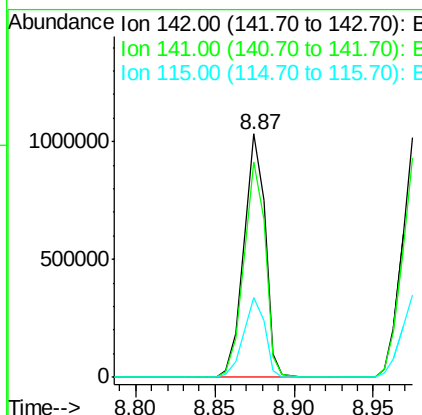
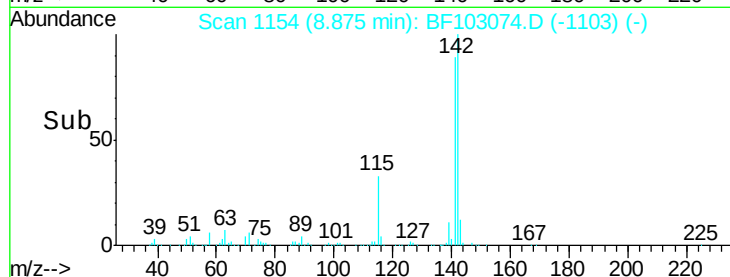
Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.8	26.1	39.1

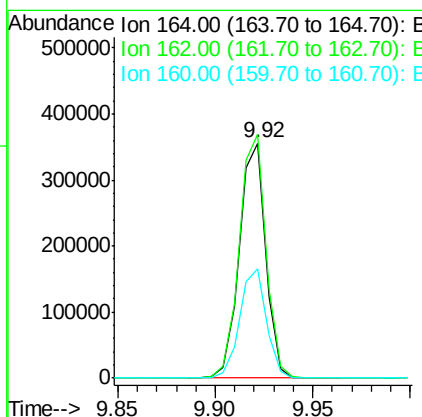
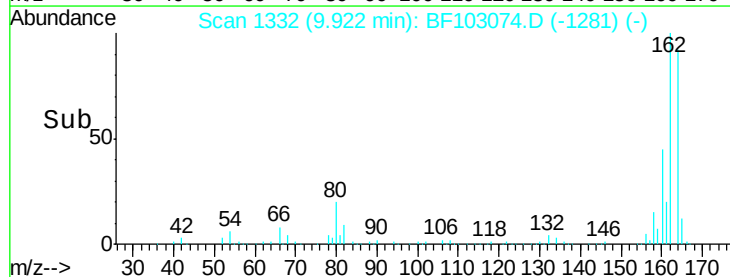
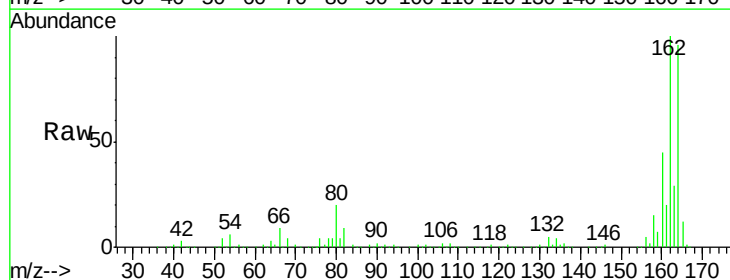
Manual Integrations
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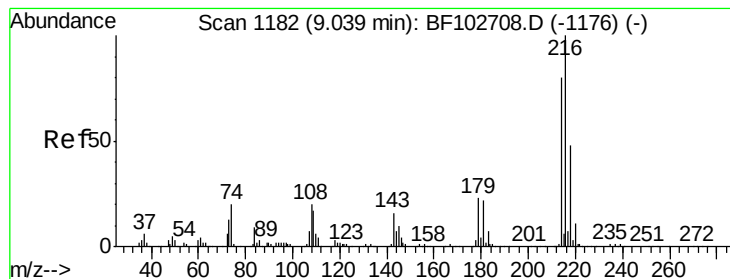
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.652 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

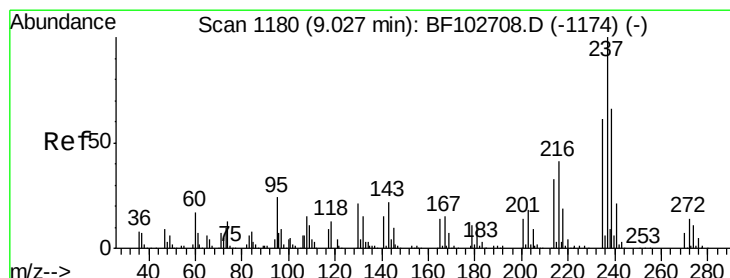
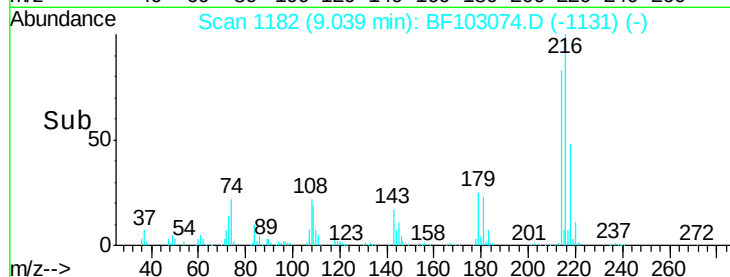
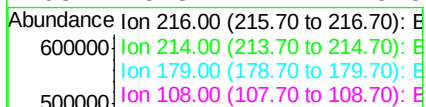
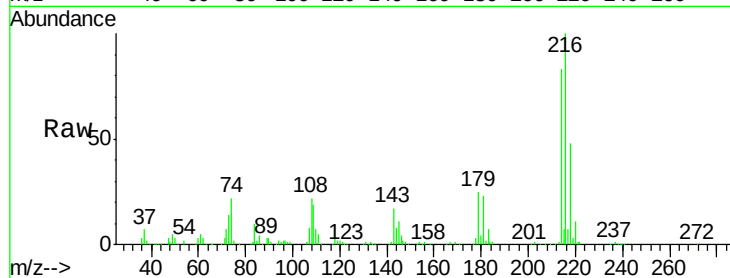
ClientSampleId :

OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	23.9	18.1	27.1
108	23.8	17.2	25.8

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 67.086 ng

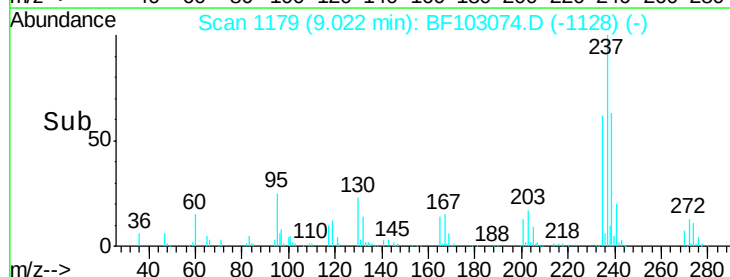
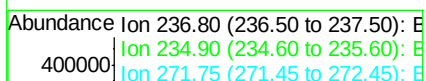
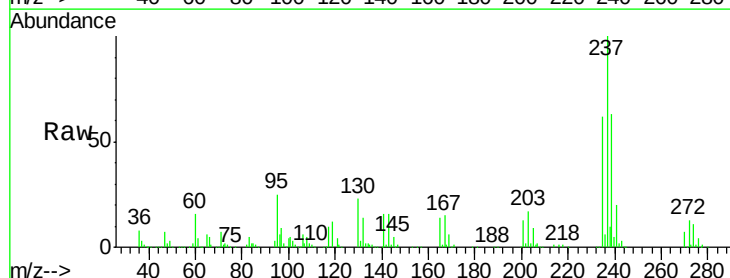
RT: 9.02 min Scan# 1179

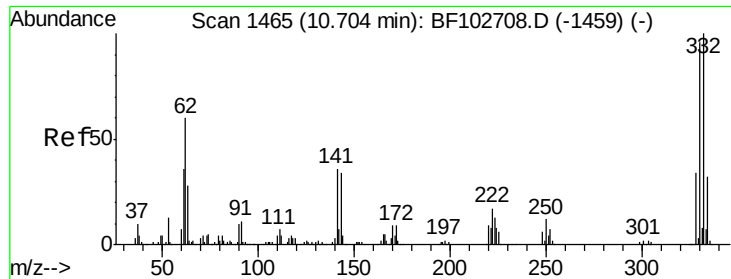
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.8	84.8
272	13.3	0.0	33.3





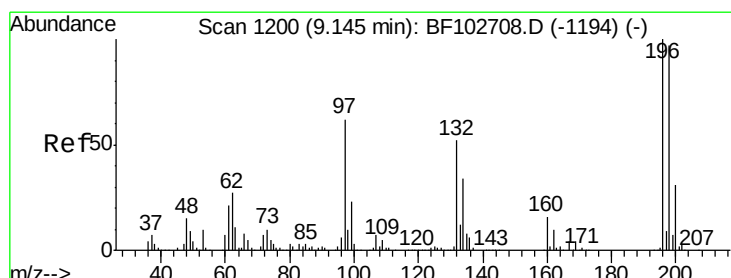
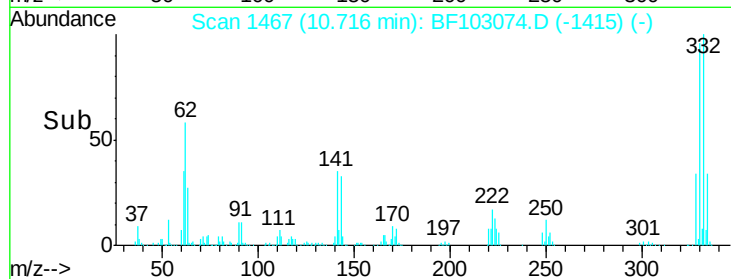
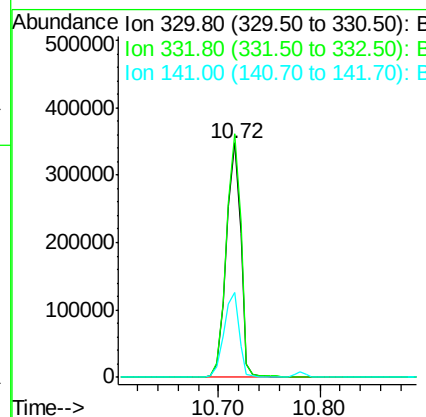
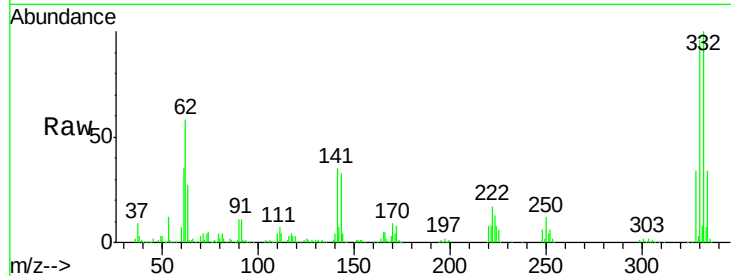
#41
 2,4,6-Tribromophenol
 Concen: 130.285 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.3	77.0	115.6	
141	37.7	29.9	44.9	

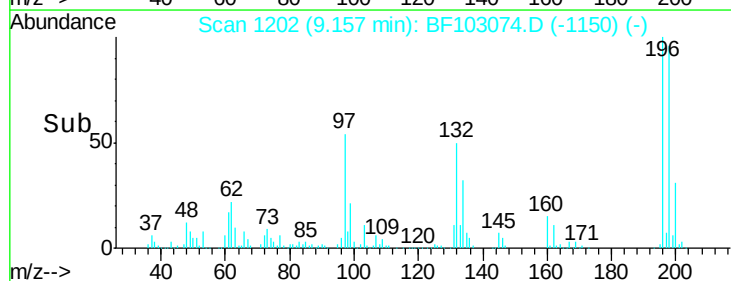
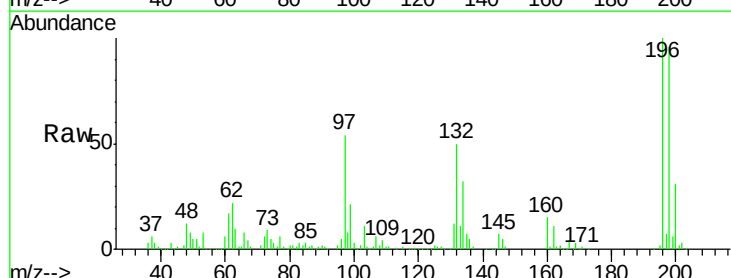
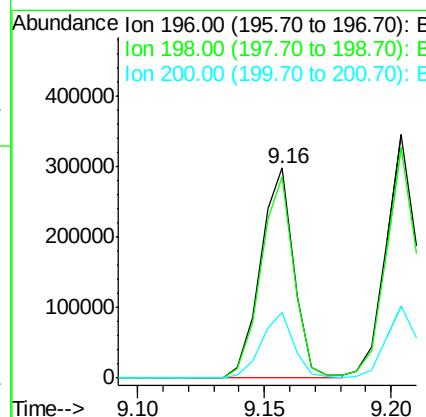
Manual Integrations
 APPROVED

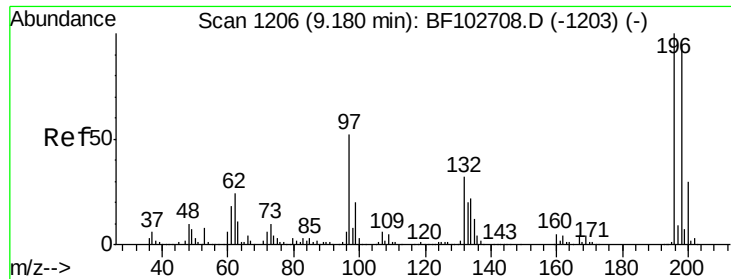
Sohil
 2/20/2018 10:20:17 AM



#42
 2,4,6-Trichlorophenol
 Concen: 46.284 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.1	75.7	113.5	
200	31.1	24.5	36.7	





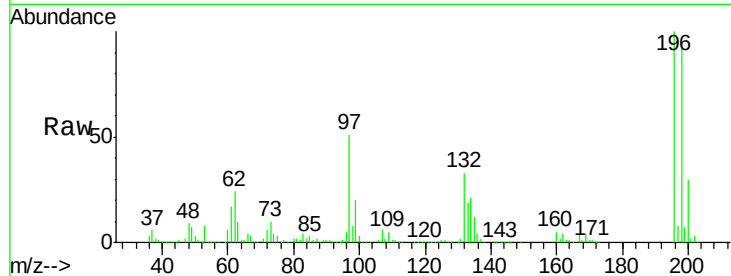
#43
 2,4,5-Trichlorophenol
 Concen: 43.650 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

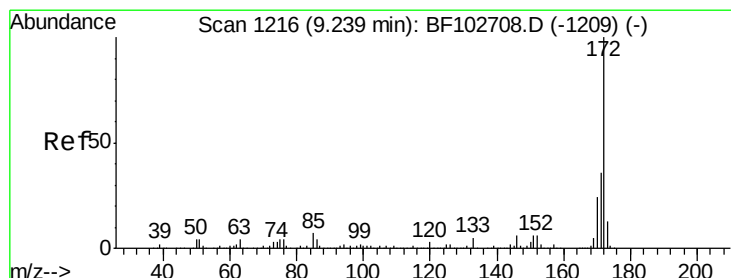
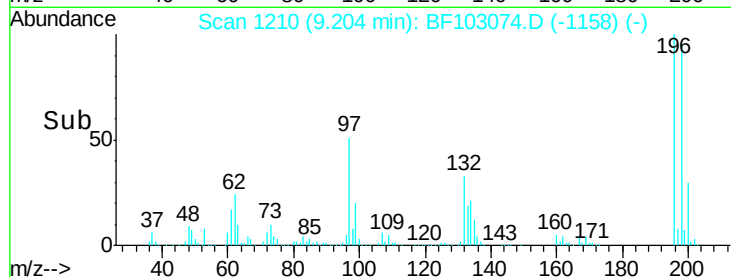
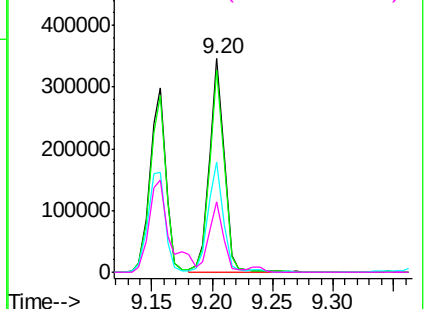
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292252		
198	94.9	74.6	112.0	
97	51.3	42.9	64.3	
132	32.9	26.3	39.5	

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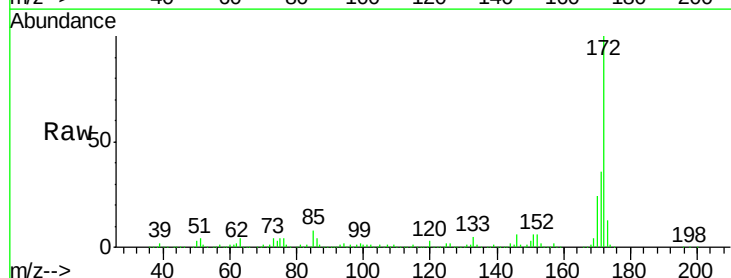


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

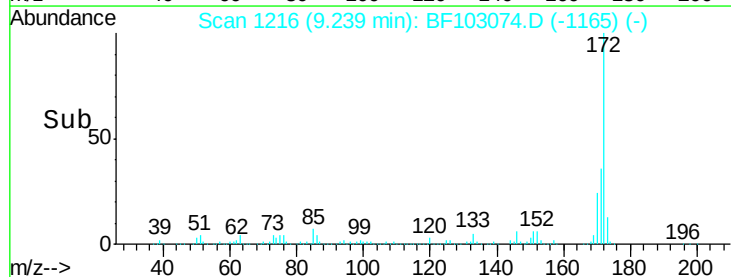
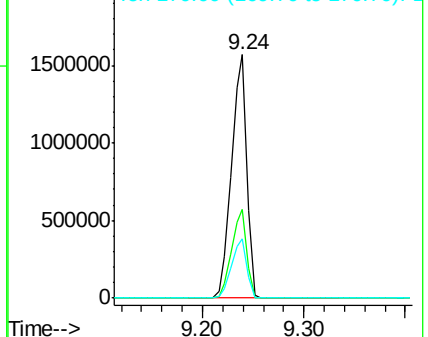


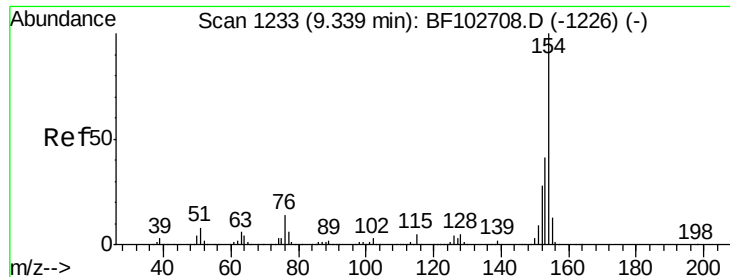
#44
 2-Fluorobiphenyl
 Concen: 81.185 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1625100		
171	36.2	29.7	44.5	
170	24.2	19.6	29.4	



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





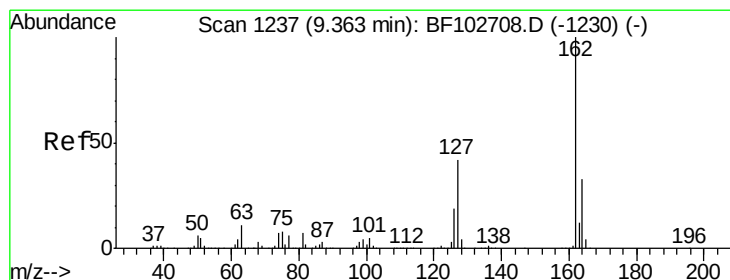
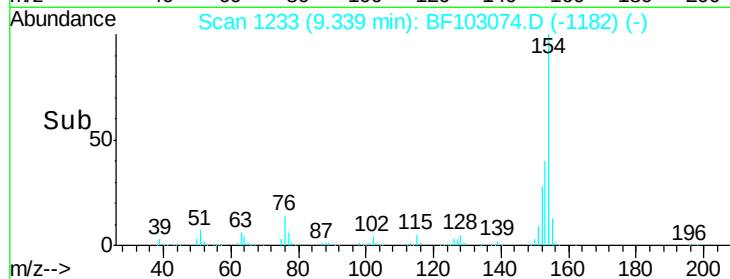
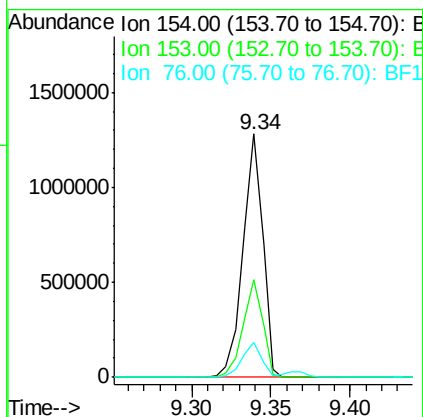
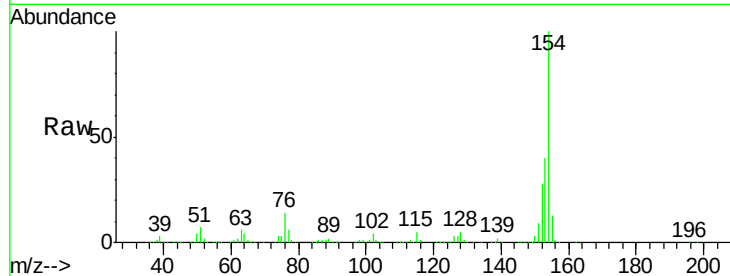
#45
1,1'-Biphenyl
Concen: 39.562 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	14.1	0.0	34.0

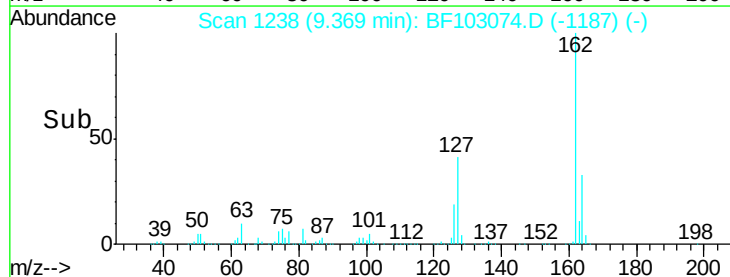
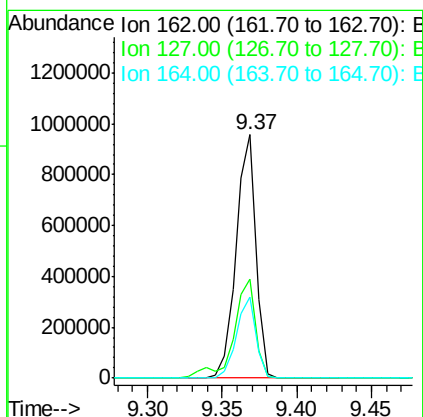
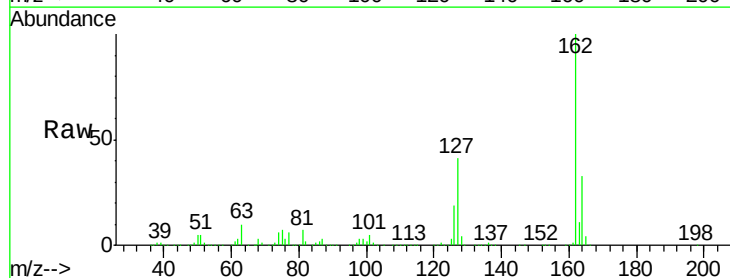
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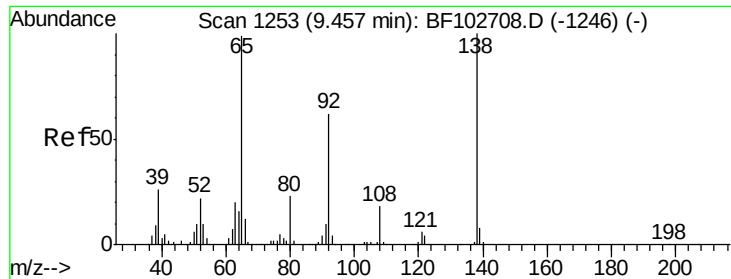
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#46
2-Chloronaphthalene
Concen: 40.502 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	33.2	26.5	39.7





#47

2-Nitroaniline

Concen: 50.283 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMS

Tgt Ion: 65 Resp: 342952
Ion Ratio Lower Upper

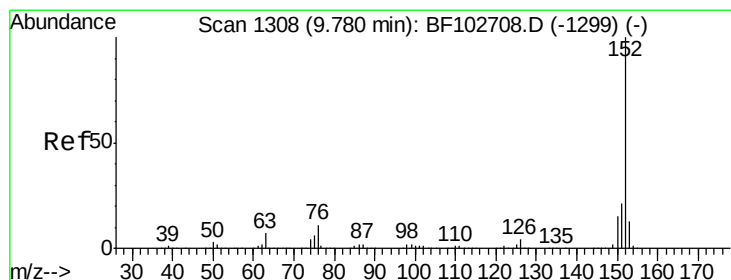
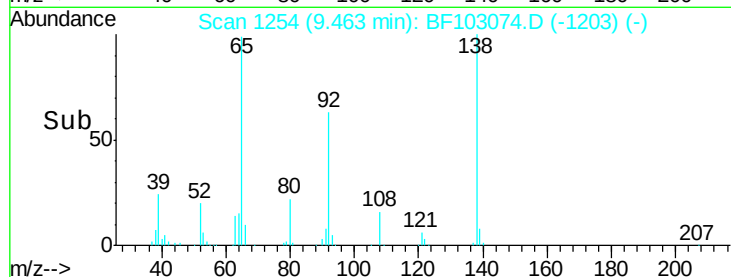
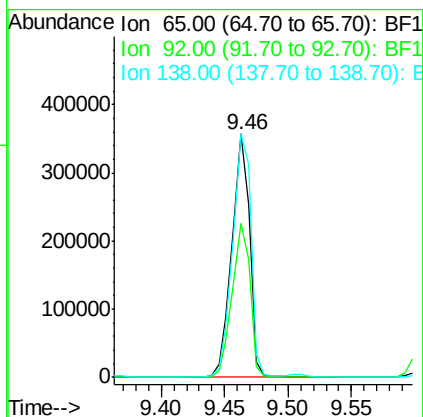
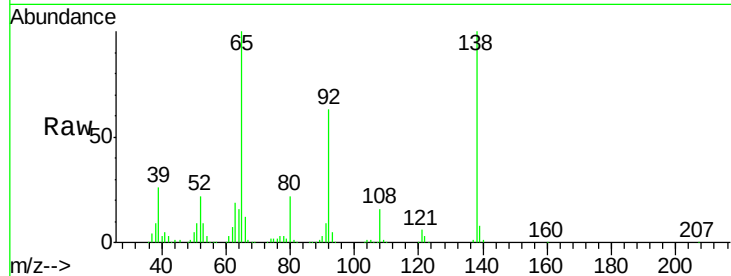
65 100

92 63.1 55.8 83.6

138 100.1 91.2 136.8

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2/20/2018 10:20:17 AM



#48

Acenaphthylene

Concen: 39.195 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF103074.D

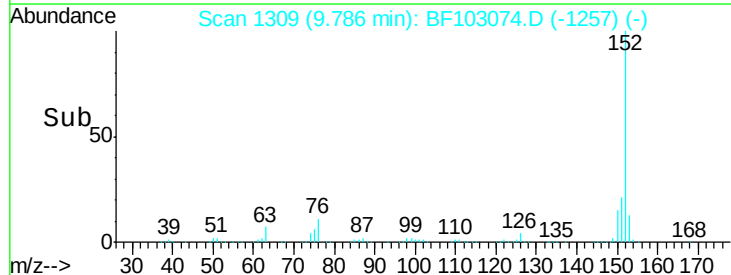
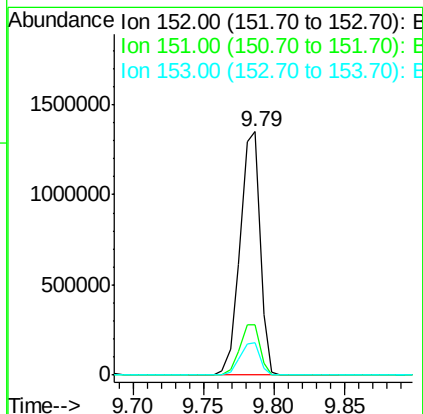
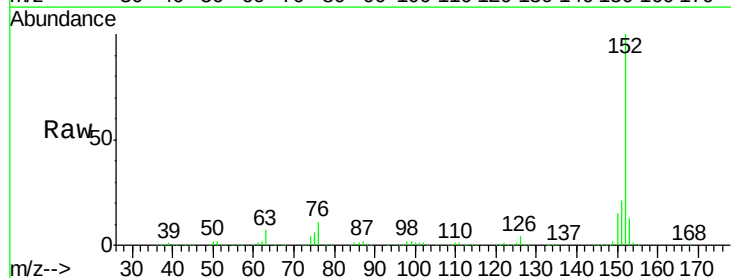
Acq: 19 Feb 2018 11:39

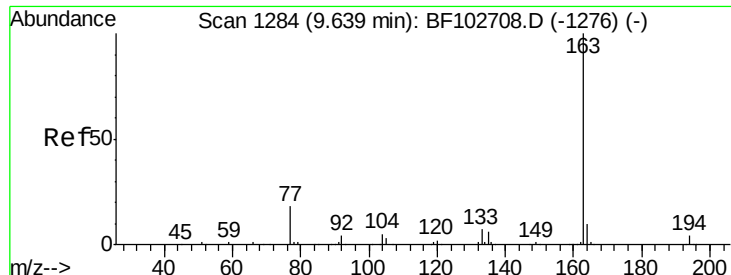
Tgt Ion: 152 Resp: 1340828
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.2 10.7 16.1





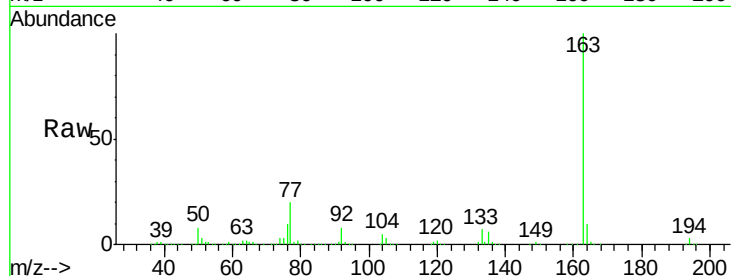
#49
Dimethylphthalate
Concen: 42.710 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

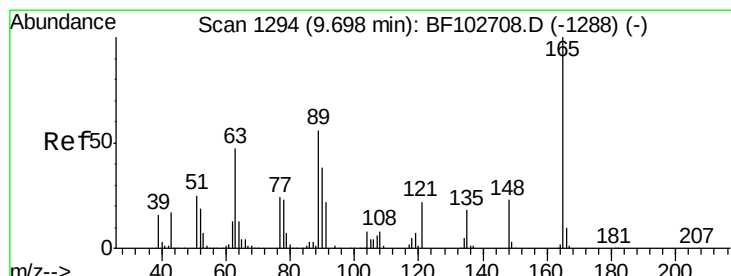
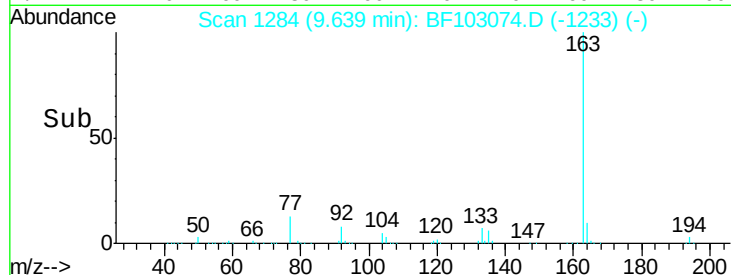
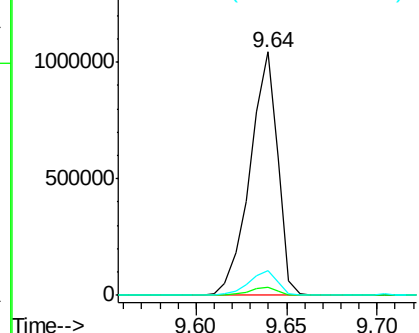
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

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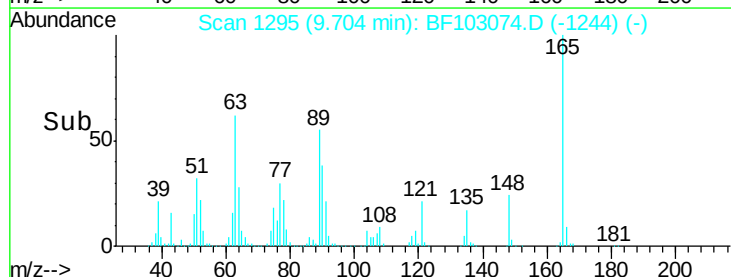
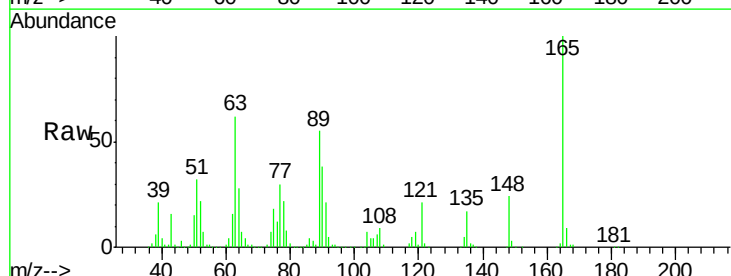
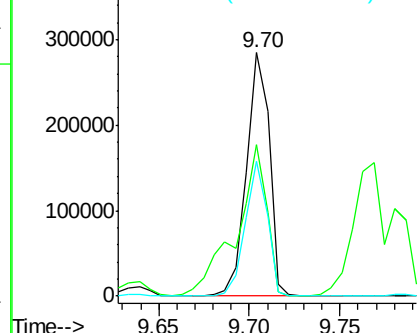
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

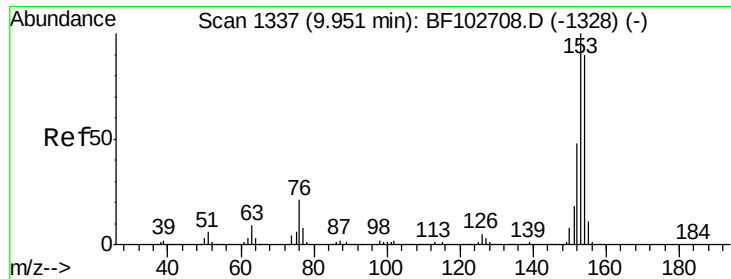


#50
2,6-Dinitrotoluene
Concen: 50.414 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.1	44.7	67.1
89	55.5	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: 38.468 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF103074.D

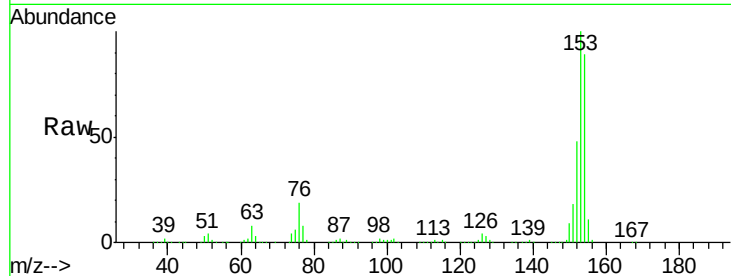
Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

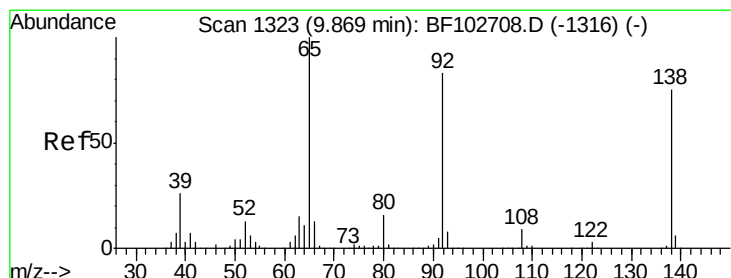
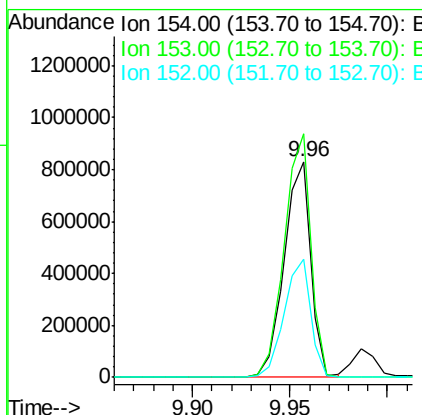
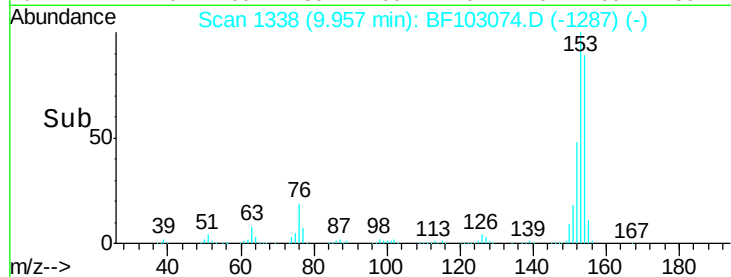
OR-02-021518-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	786981		
153	112.8	91.2	136.8	
152	54.6	43.8	65.8	

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#52

3-Nitroaniline

Concen: 31.978 ng

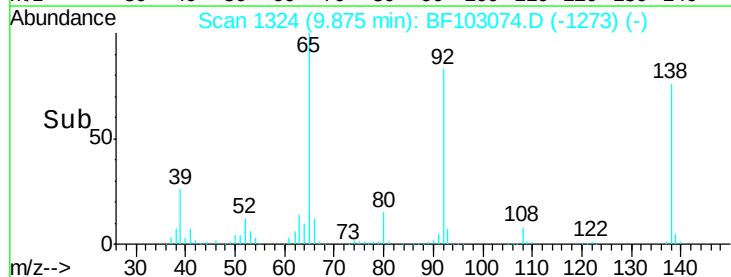
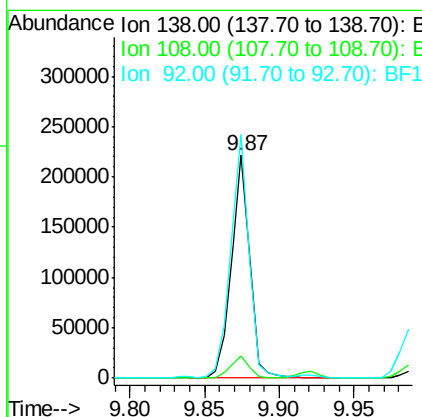
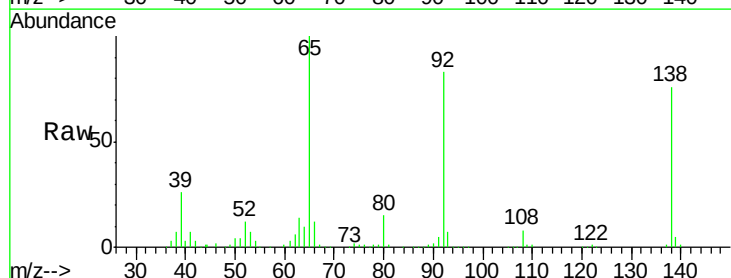
RT: 9.87 min Scan# 1324

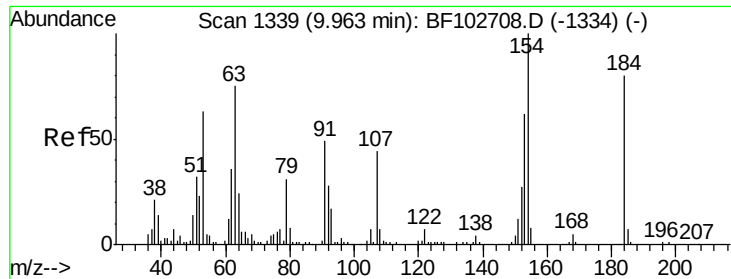
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

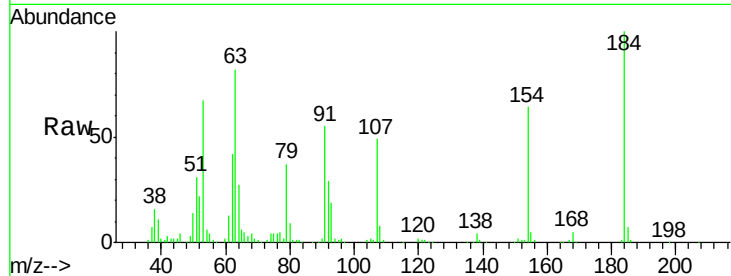
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	193876		
108	10.2	9.4	14.0	
92	109.4	89.4	134.2	





#53
2,4-Dinitrophenol
Concen: 88.118 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

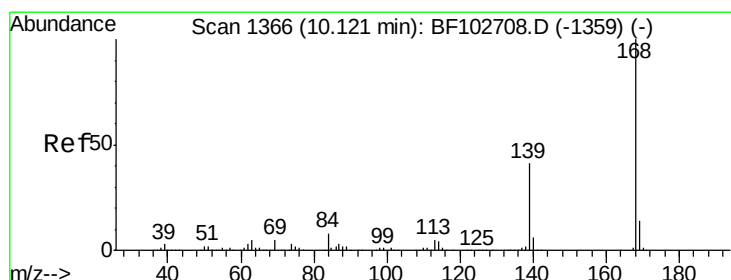
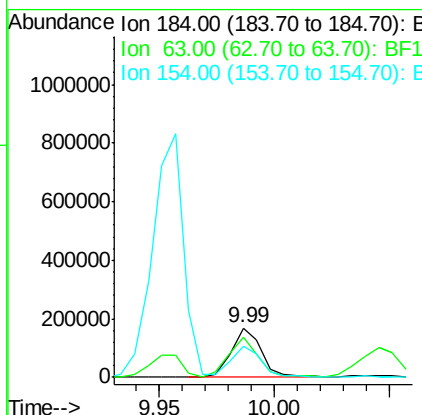
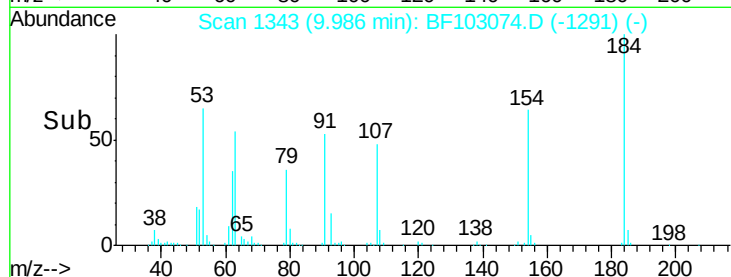
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:184 Resp: 156548
Ion Ratio Lower Upper
184 100
63 82.1 54.2 81.2#
154 64.1 184.0 276.0#

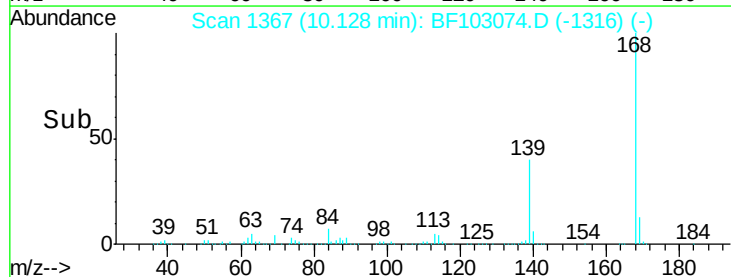
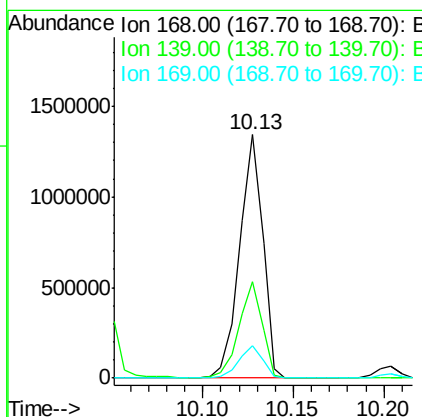
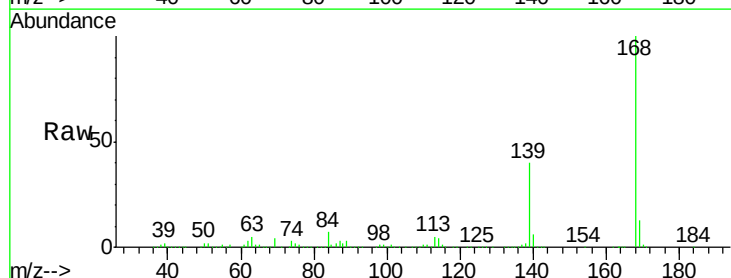
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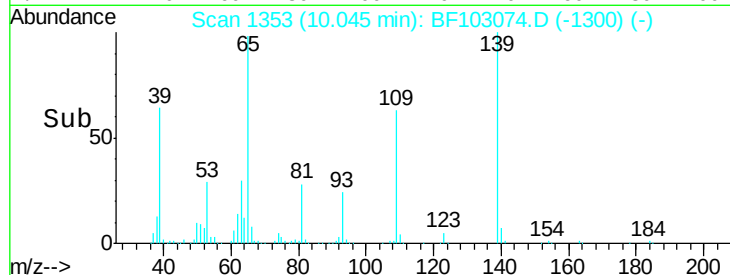
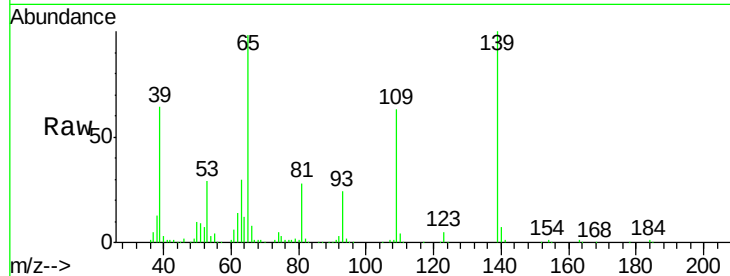
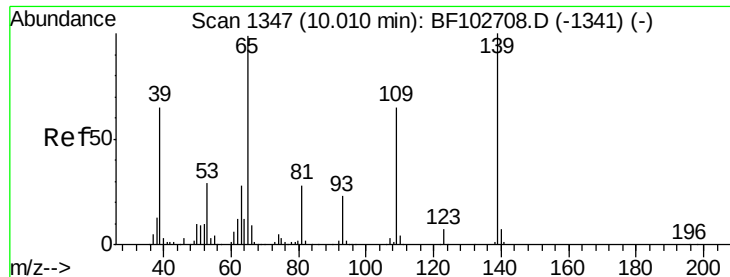
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#54
Dibenzofuran
Concen: 41.421 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:168 Resp: 1194205
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.3 10.9 16.3





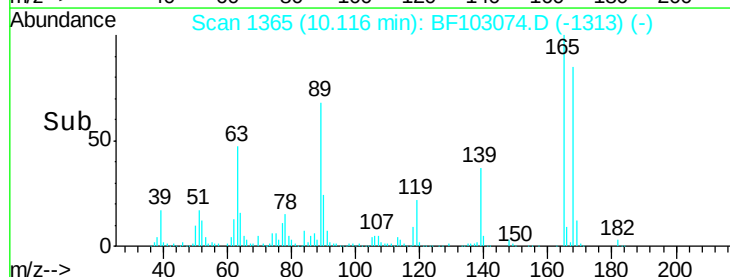
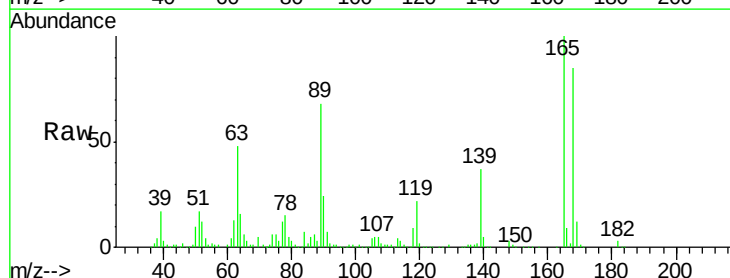
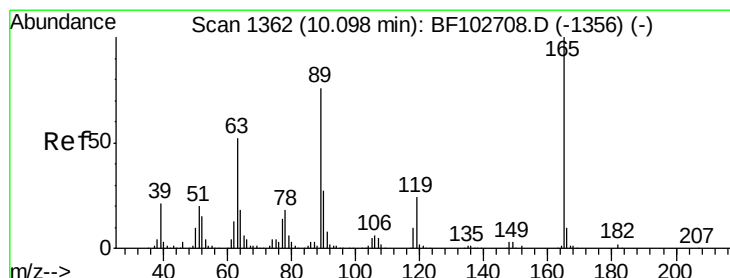
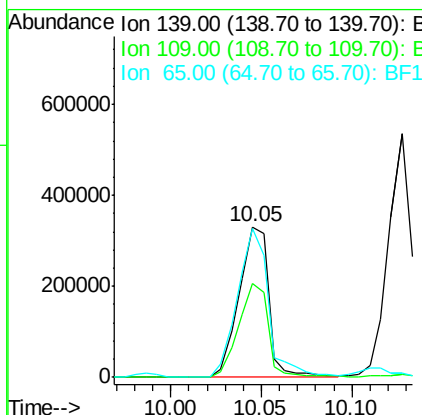
#55
4-Nitrophenol
Concen: 76.438 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	379899		
109	62.6	48.4	88.4	
65	98.5	72.6	112.6	

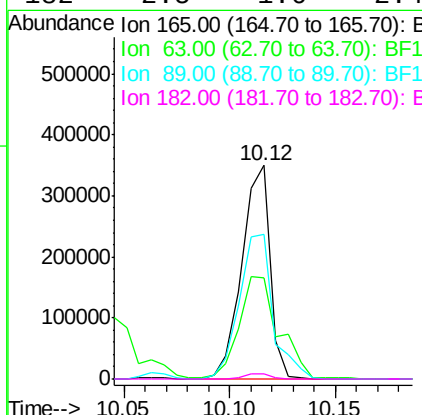
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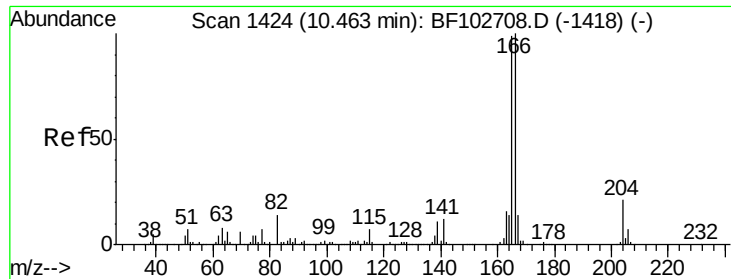
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#56
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324483		
63	47.5	36.4	54.6	
89	67.6	57.8	86.6	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 43.579 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

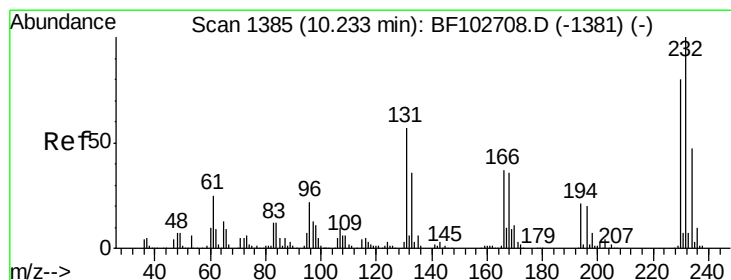
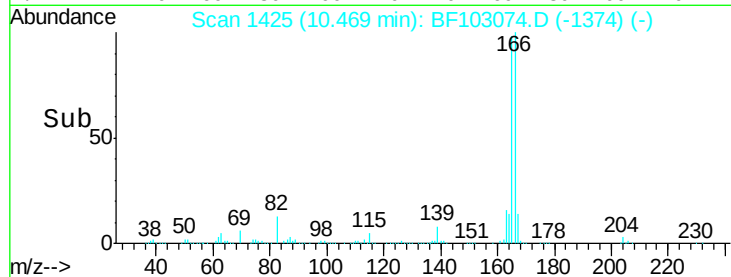
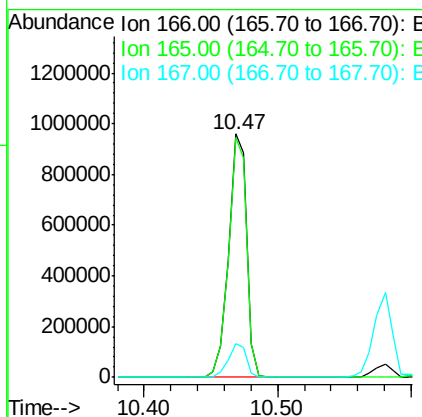
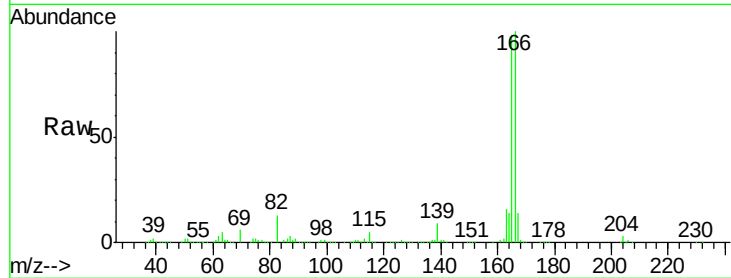
ClientSampleId :

OR-02-021518-AMS

Tgt Ion:	166	Resp:	914128
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.8	119.8
167	13.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.477 ng

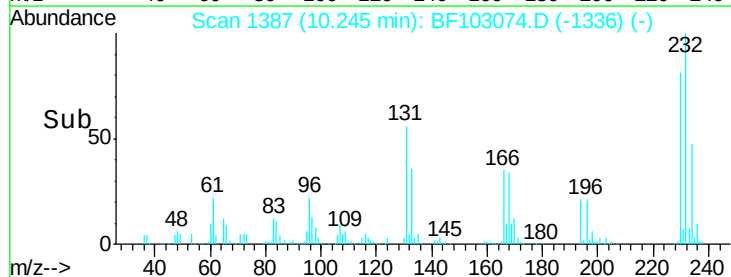
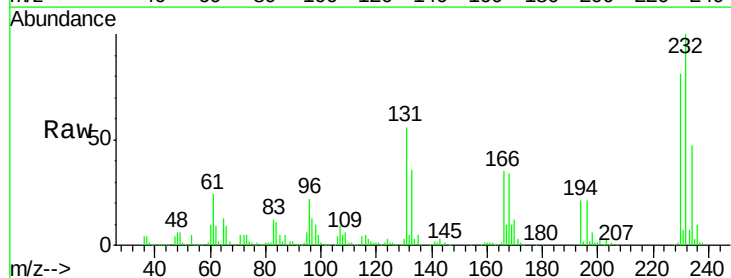
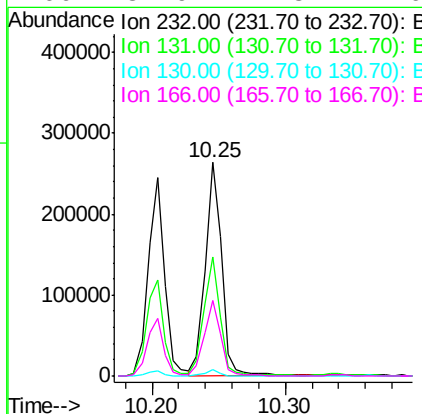
RT: 10.25 min Scan# 1387

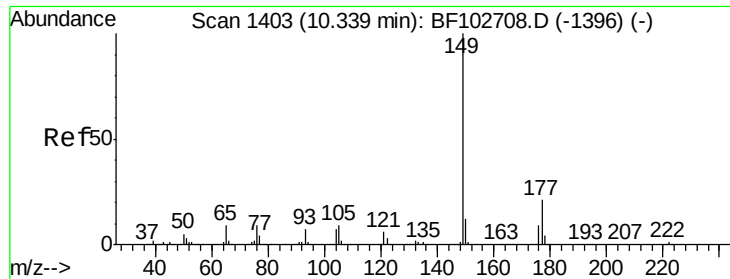
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	232	Resp:	224956
Ion Ratio	Lower	Upper	
232	100		
131	55.5	43.8	65.8
130	2.5	2.1	3.1
166	34.9	27.8	41.6





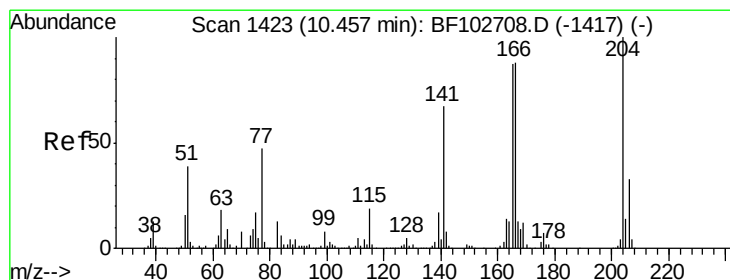
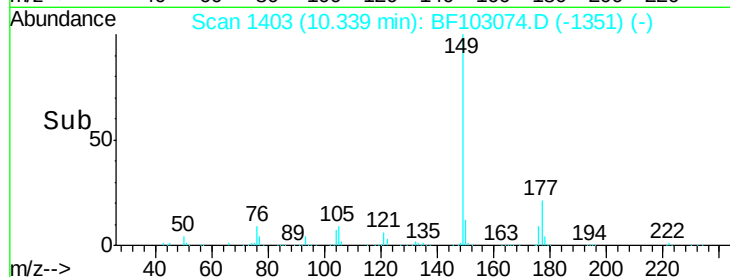
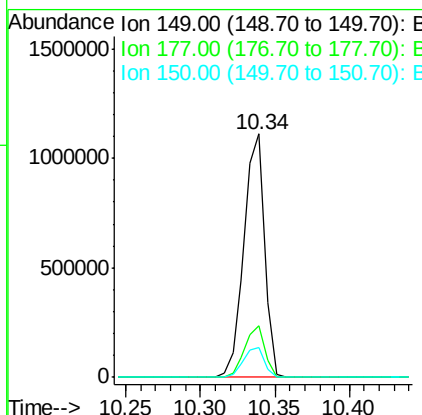
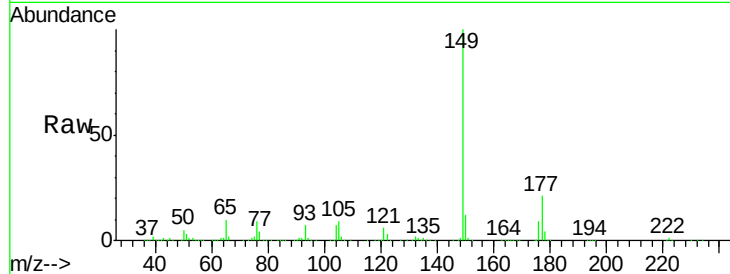
#59
Diethylphthalate
Concen: 41.788 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion:149 Resp: 1068629
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.3 10.1 15.1

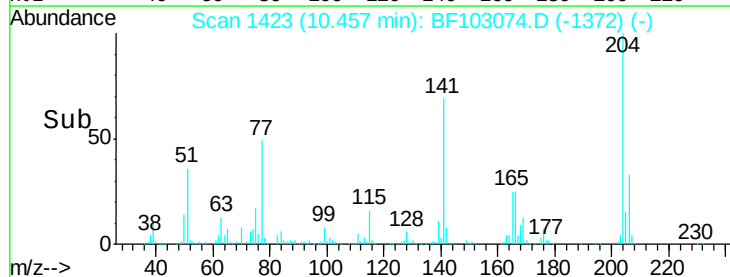
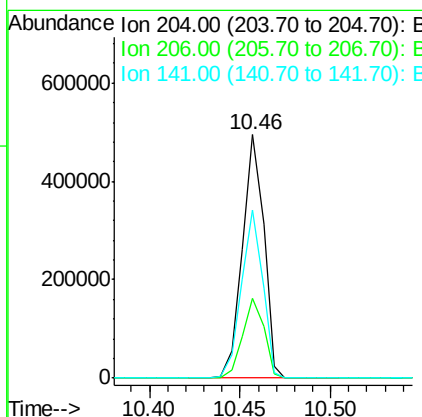
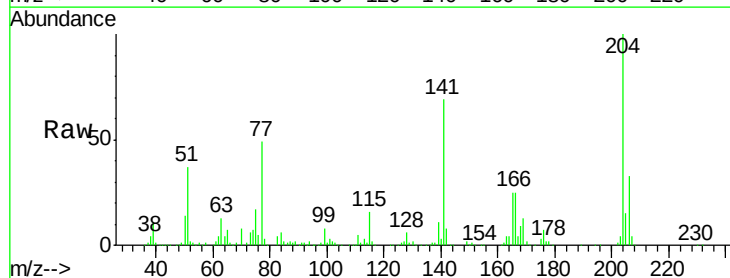
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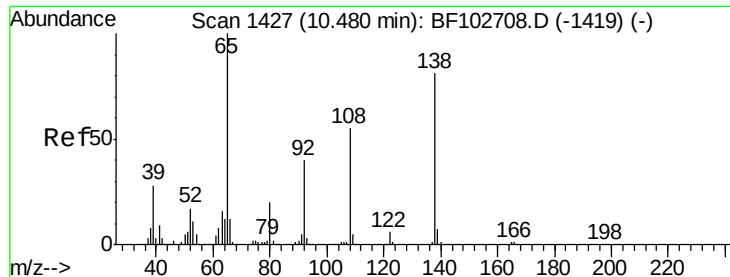
Sohil
2/20/2018 10:20:17 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.015 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:204 Resp: 408428
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 69.0 54.6 81.8





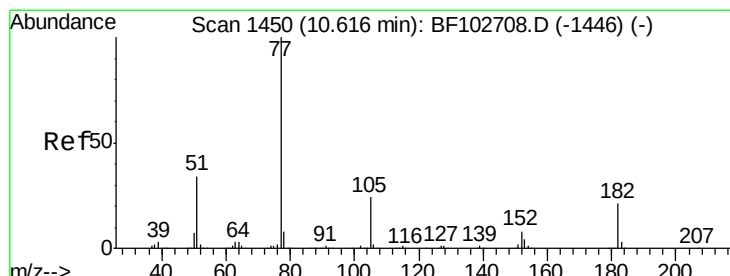
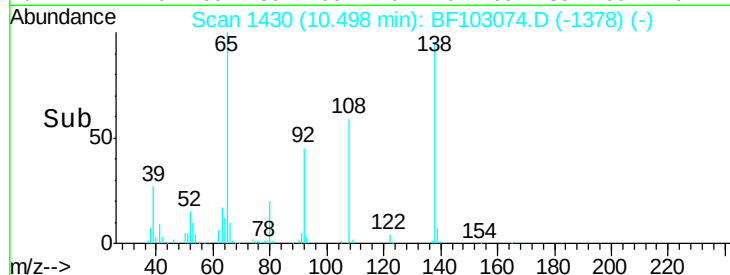
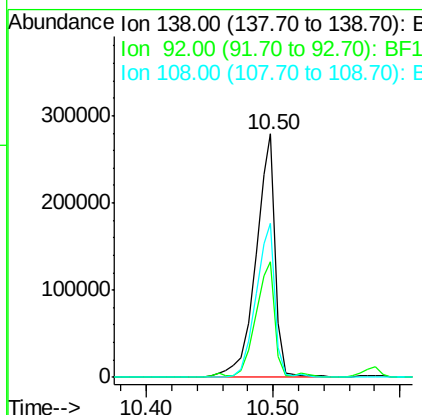
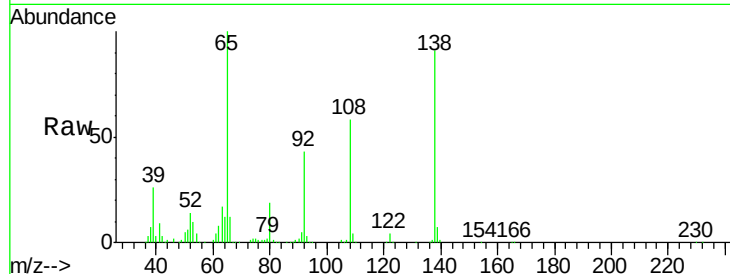
#61
4-Nitroaniline
Concen: 51.670 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	298181		
92	47.3	30.2	70.2	
108	63.2	52.5	92.5	

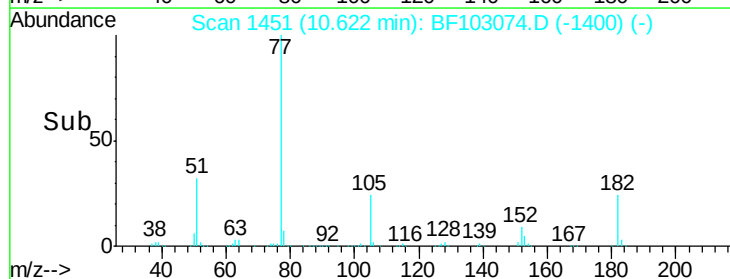
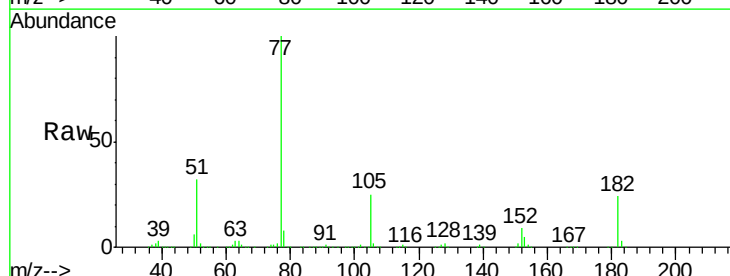
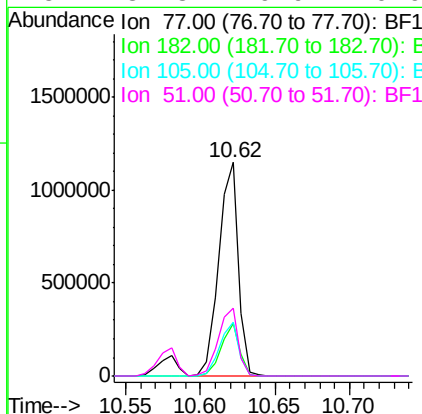
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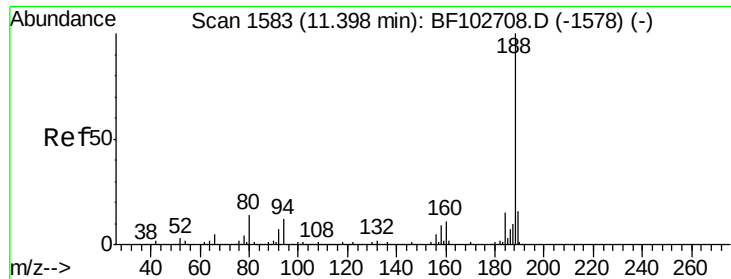
Sohil
2/20/2018 10:20:17 AM



#62
Azobenzene
Concen: 41.439 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1058655		
182	24.4	1.7	41.7	
105	25.0	3.0	43.0	
51	31.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

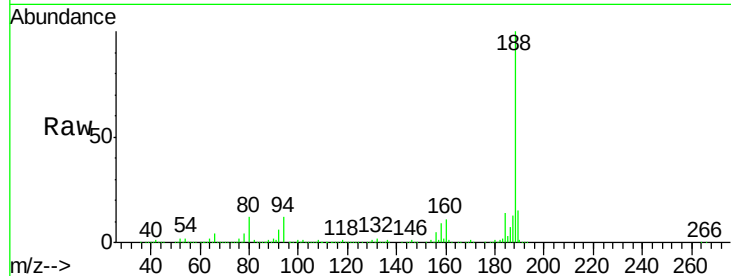
ClientSampleId :

OR-02-021518-AMS

Tgt Ion:	188	Resp:	587390
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	11.8	9.2	13.8

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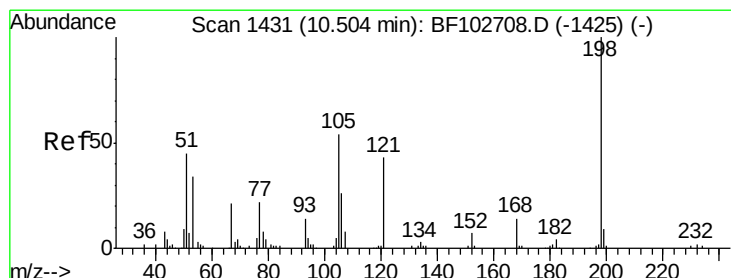
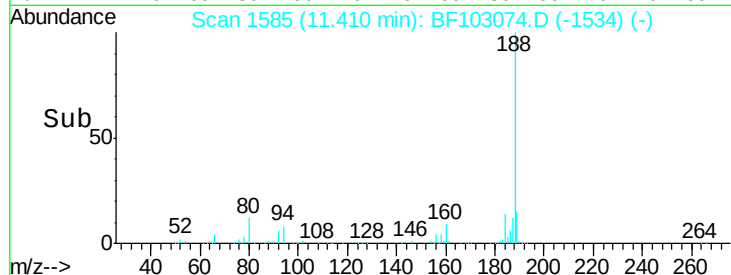
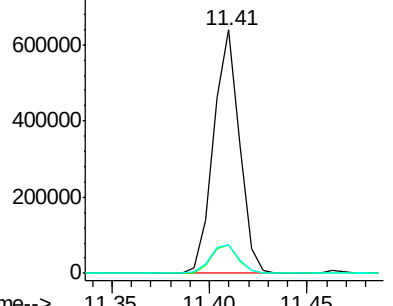
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 51.183 ng

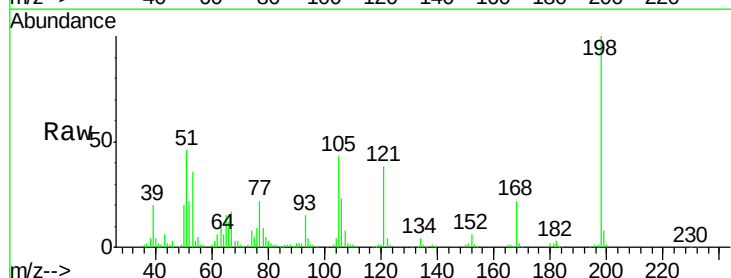
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

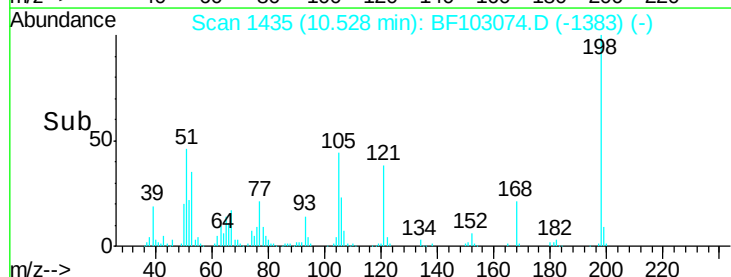
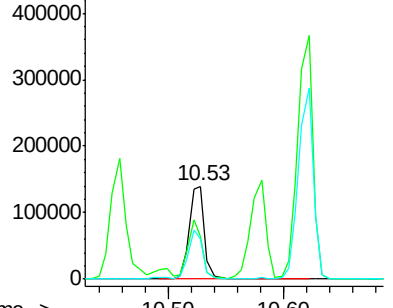
Tgt Ion:	198	Resp:	128070
Ion Ratio	Lower	Upper	
198	100		
51	46.0	37.7	77.7
105	43.4	36.3	76.3

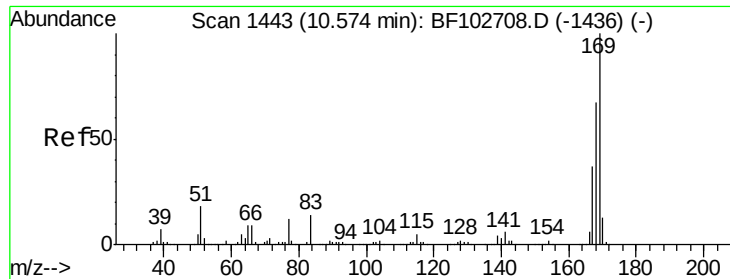


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.674 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

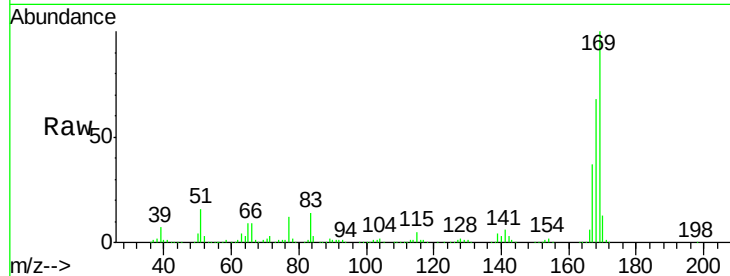
ClientSampleId :

OR-02-021518-AMS

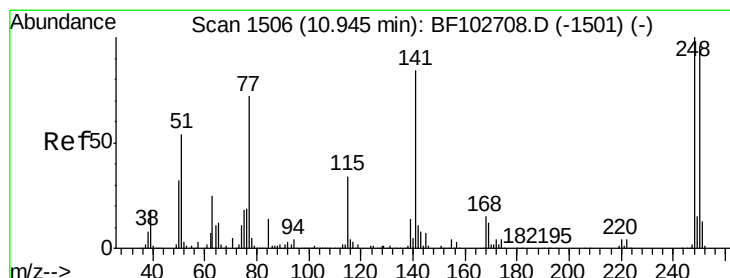
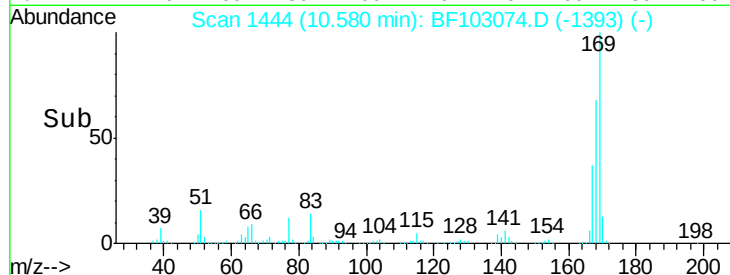
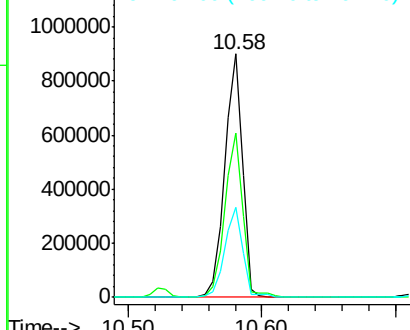
Tgt Ion:	169	Resp:	842717
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.1	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.237 ng

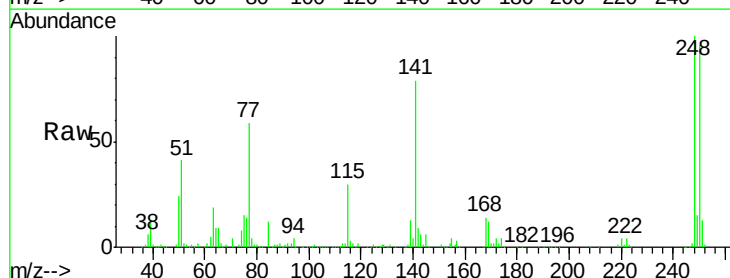
RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

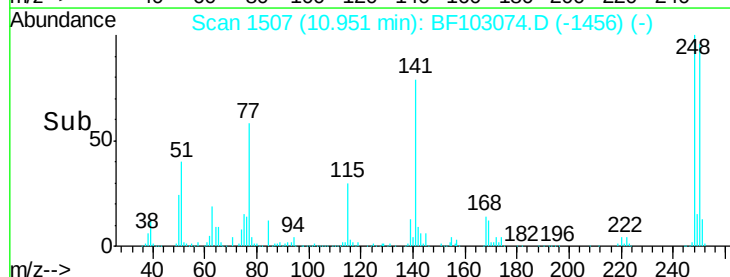
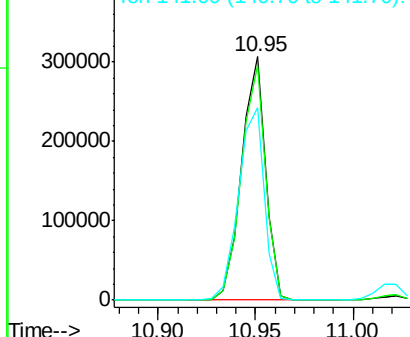
Lab File: BF103074.D

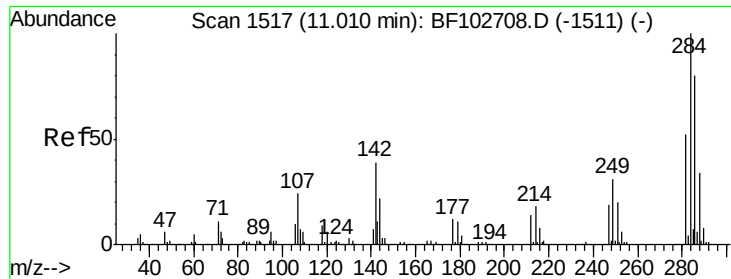
Acq: 19 Feb 2018 11:39

Tgt Ion:	248	Resp:	262442
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	78.8	74.4	111.6



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





#67

Hexachlorobenzene

Concen: 40.739 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

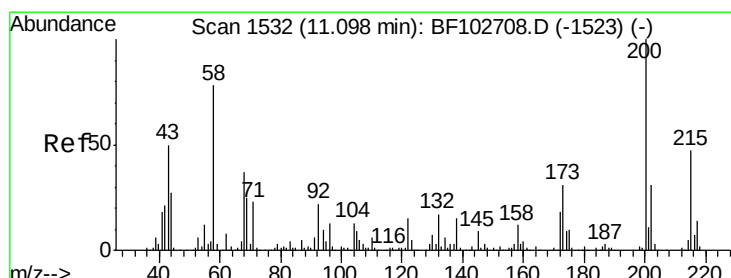
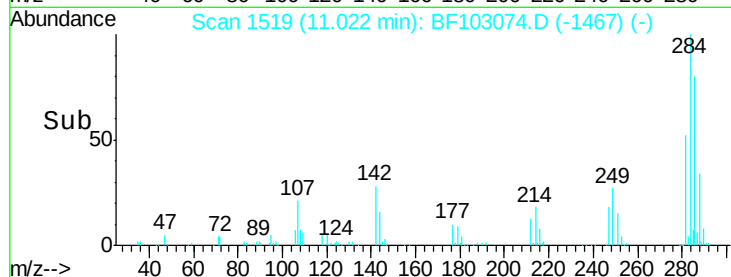
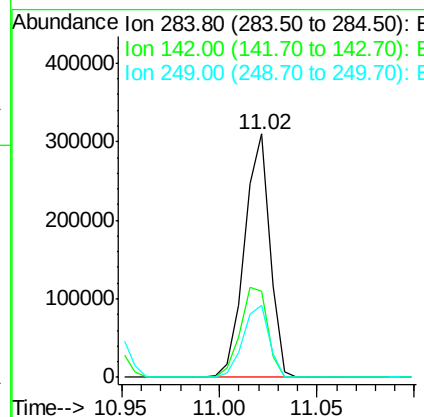
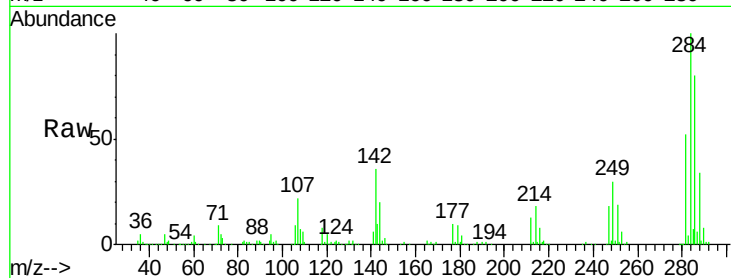
ClientSampleId :

OR-02-021518-AMS

Tgt Ion:	284	Resp:	279251
Ion Ratio	Lower	Upper	
284	100		
142	35.6	34.6	52.0
249	29.7	24.8	37.2

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#68

Atrazine

Concen: 43.163 ng

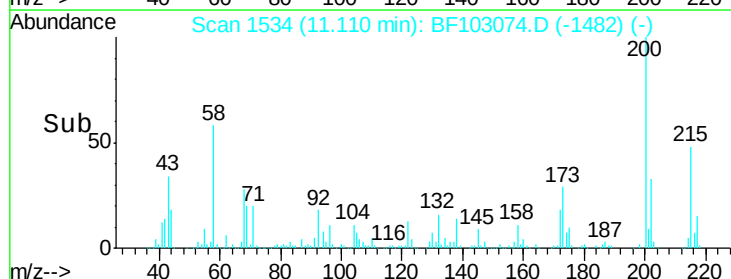
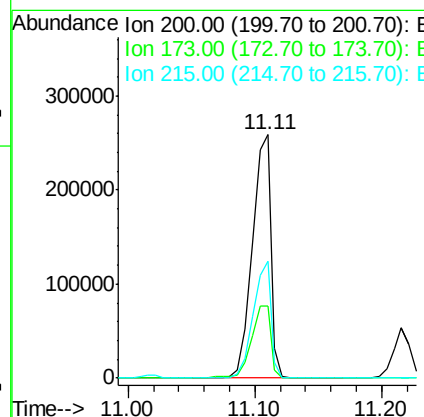
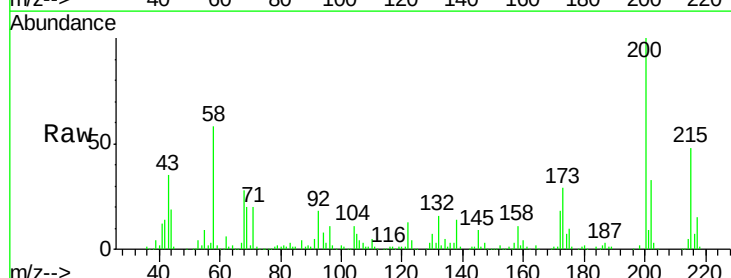
RT: 11.11 min Scan# 1534

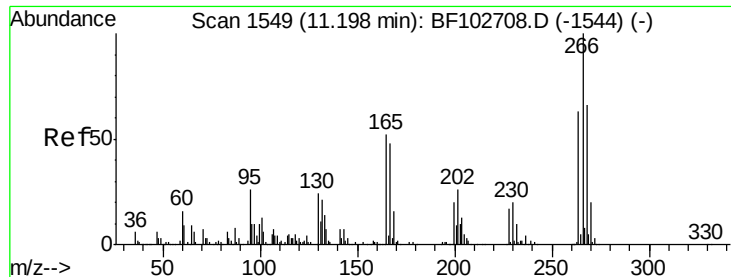
Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	200	Resp:	263826
Ion Ratio	Lower	Upper	
200	100		
173	29.5	8.6	48.6
215	48.2	25.1	65.1





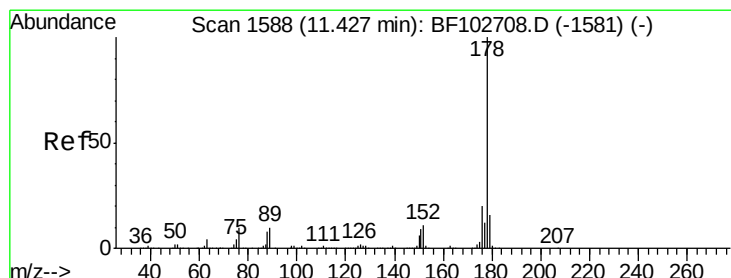
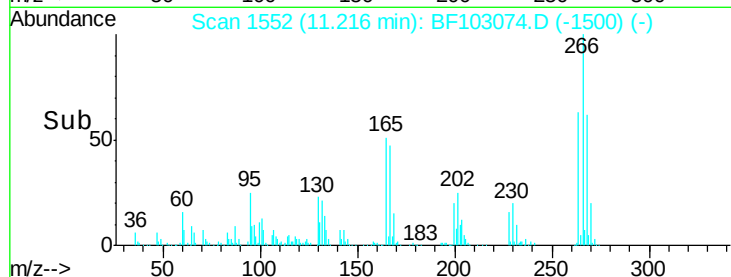
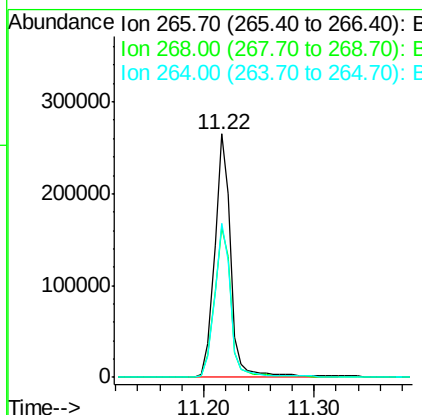
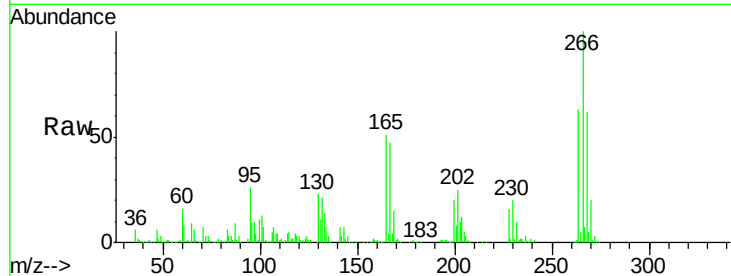
#69
 Pentachlorophenol
 Concen: 66.361 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267022		
268	61.8	51.1	76.7	
264	63.2	49.5	74.3	

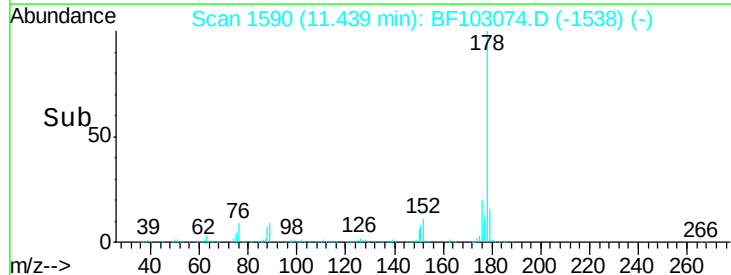
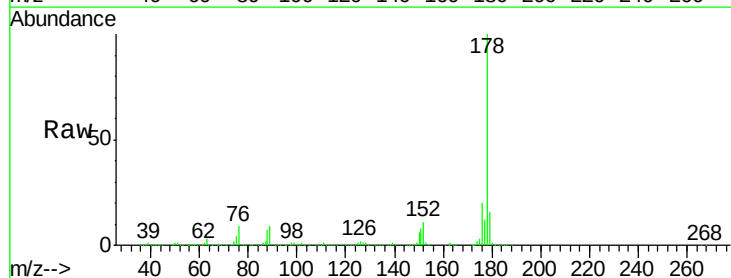
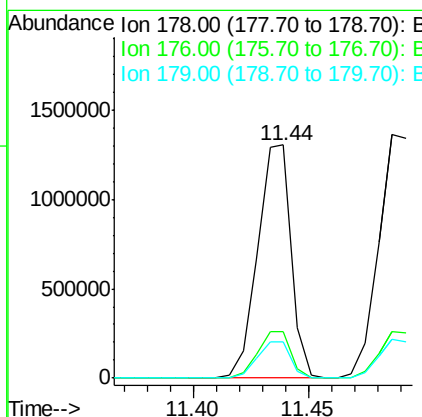
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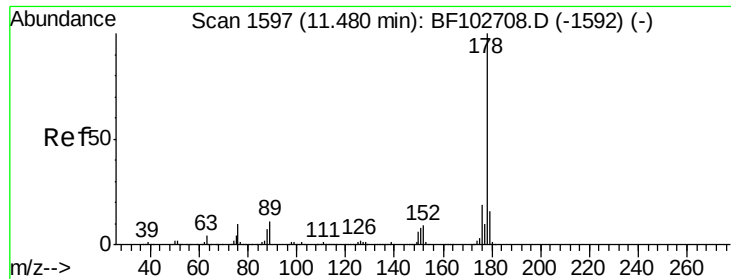
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#70
 Phenanthrene
 Concen: 40.330 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1319344		
176	19.7	15.8	23.8	
179	15.7	13.0	19.6	





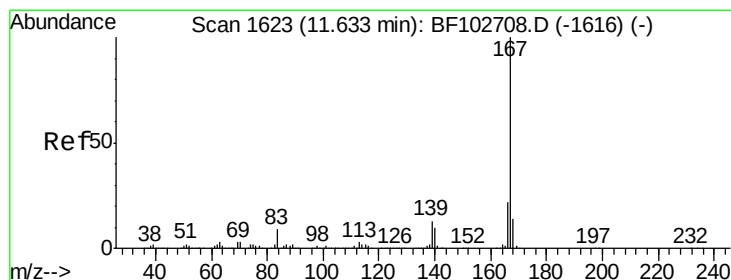
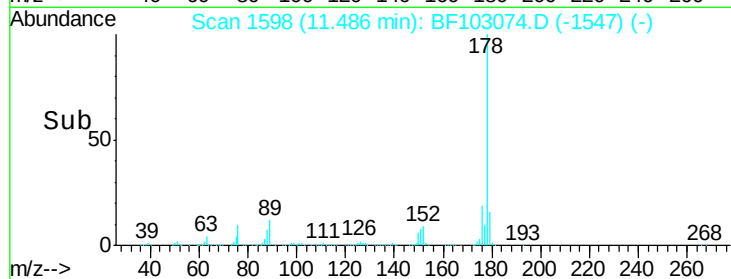
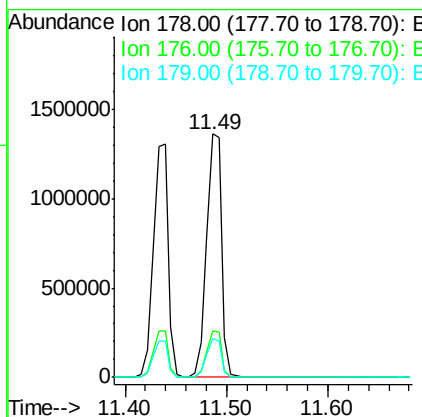
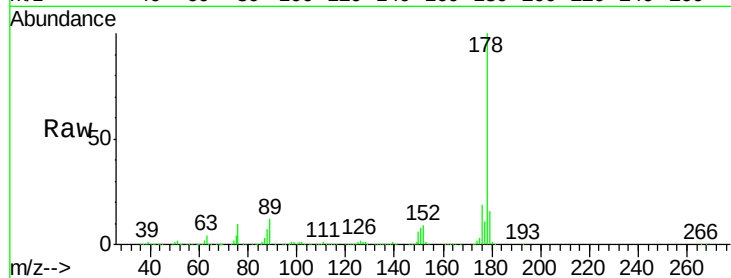
#71
 Anthracene
 Concen: 41.901 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion:178 Resp: 1394176
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.1 12.6 19.0

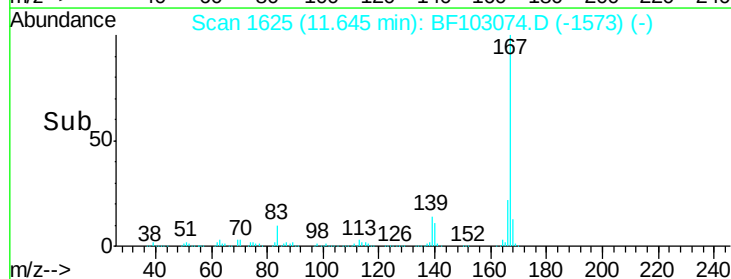
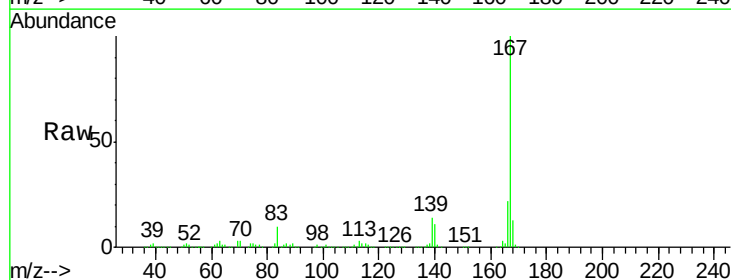
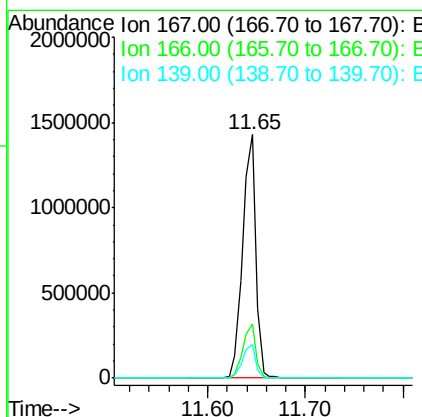
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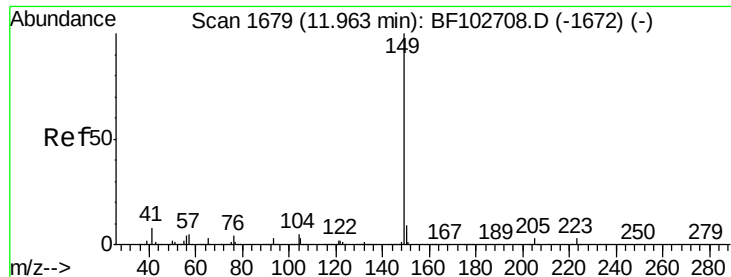
Sohil
 2/20/2018 10:20:17 AM



#72
 Carbazole
 Concen: 41.242 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:167 Resp: 1344383
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.577 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

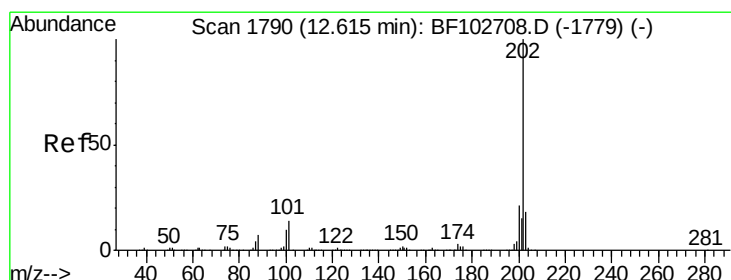
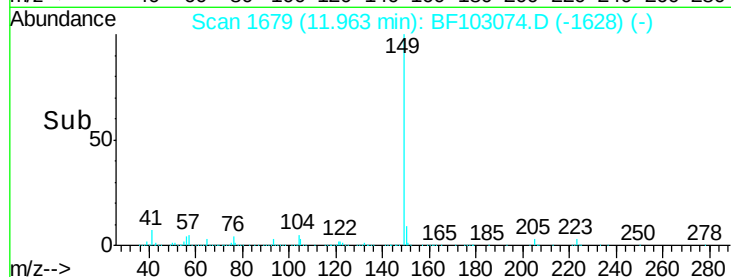
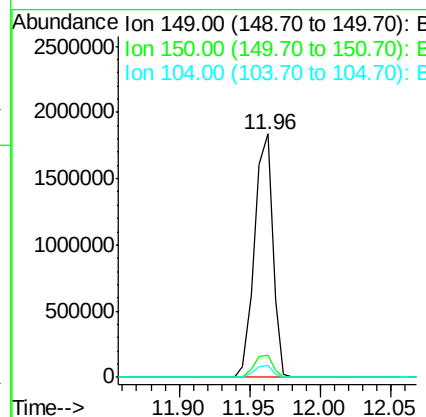
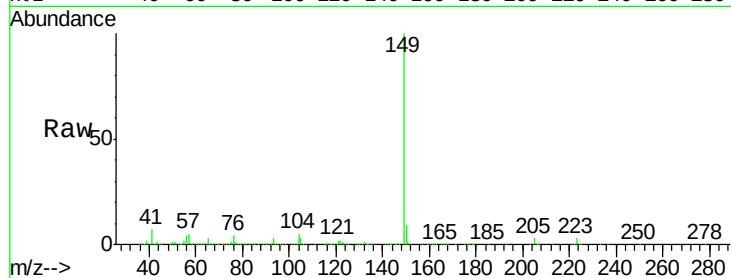
ClientSampleId :

OR-02-021518-AMS

Tgt Ion:	149	Resp:	1685922
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 40.883 ng

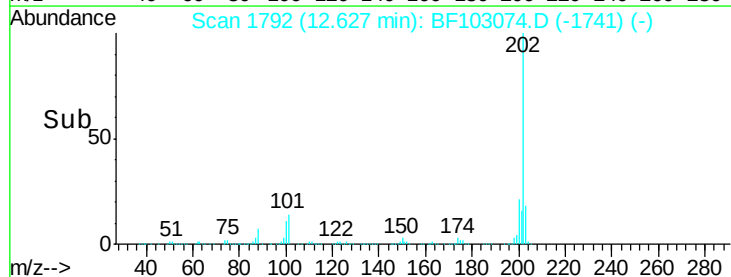
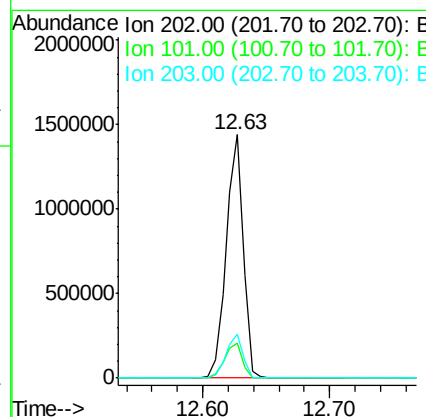
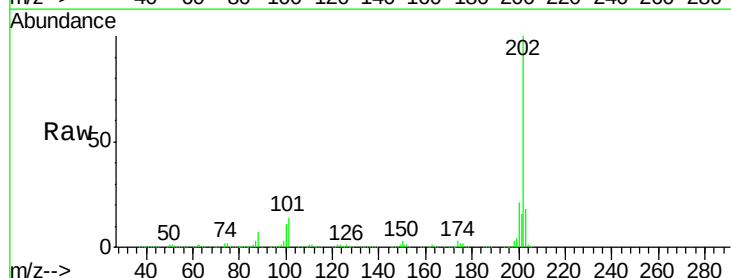
RT: 12.63 min Scan# 1792

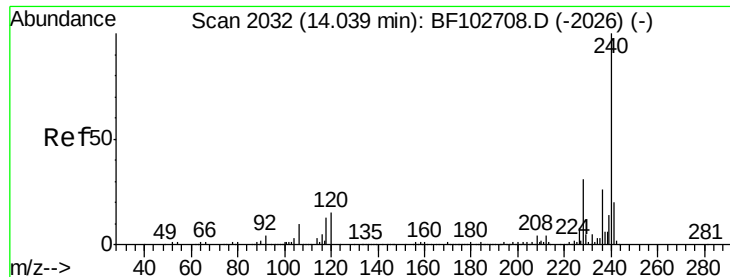
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion:	202	Resp:	1345619
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

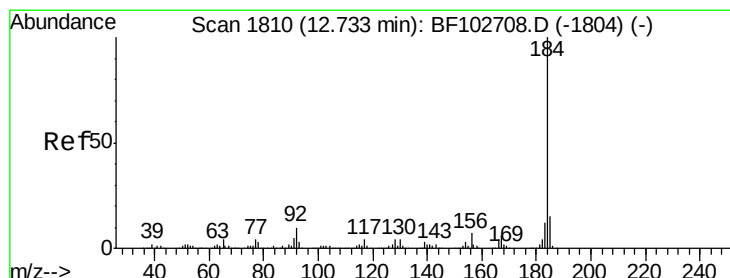
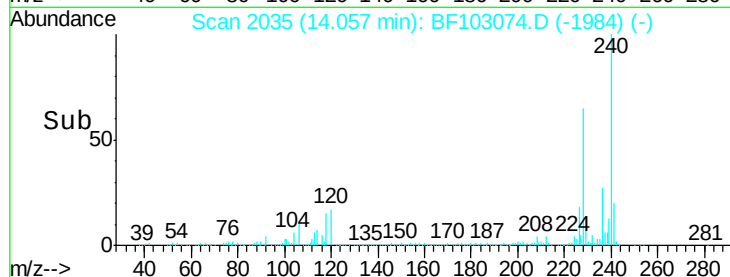
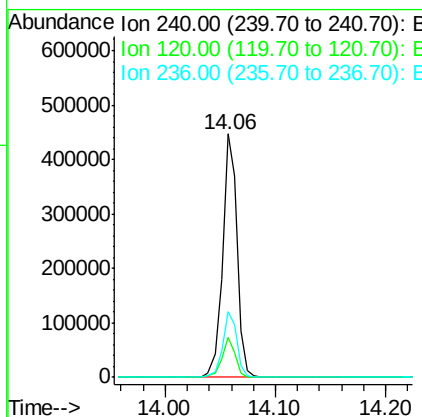
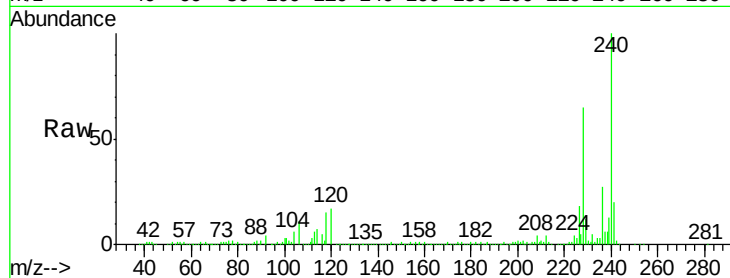
ClientSampleId :

OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	408402		
120	16.5	9.5	14.3#	
236	27.2	20.7	31.1	

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#76

Benzidine

Concen: 21.514 ng

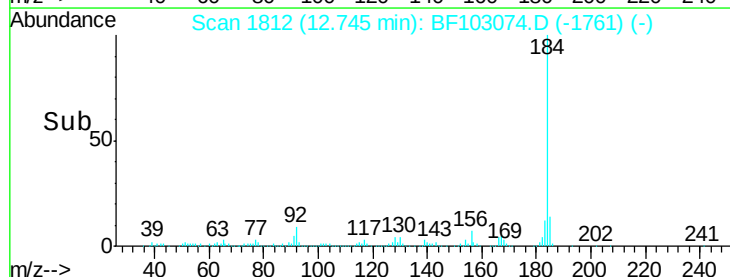
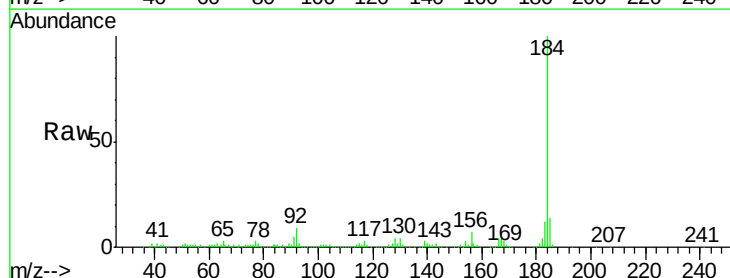
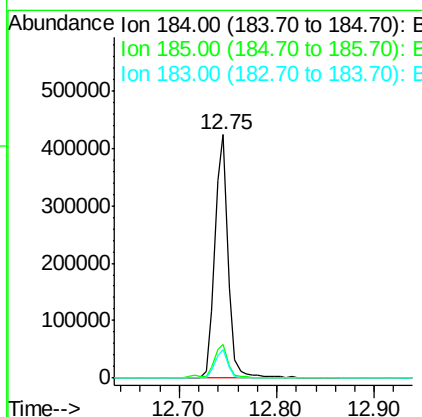
RT: 12.75 min Scan# 1812

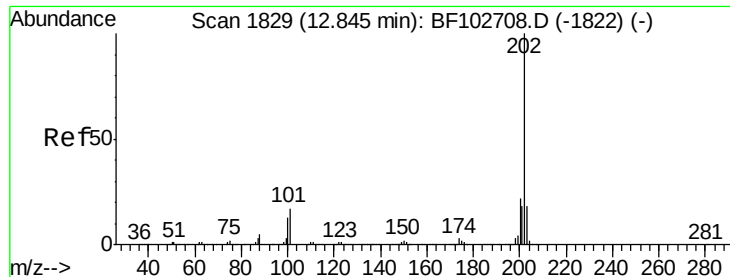
Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	403815		
185	14.0	12.6	18.8	
183	11.6	9.3	13.9	





#77

Pyrene

Concen: 43.007 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMS

Tgt Ion:202 Resp: 1377293

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

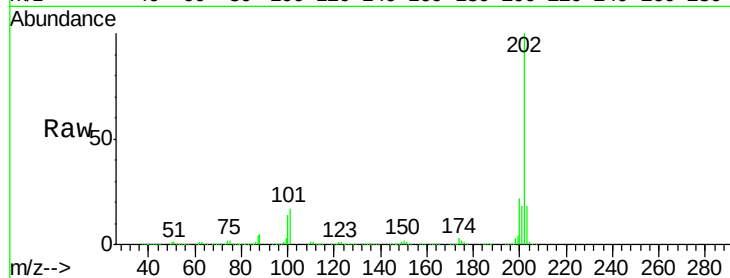
203 17.8 14.3 21.5

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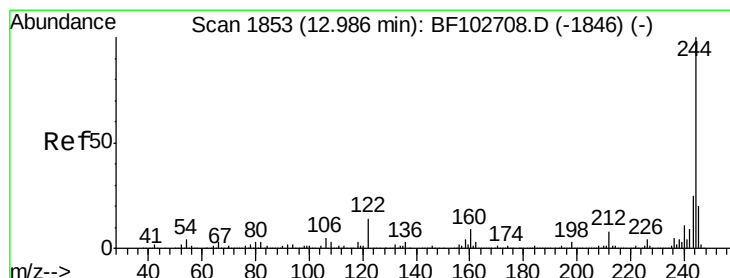
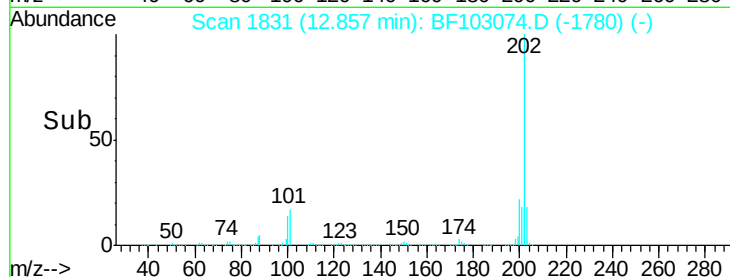
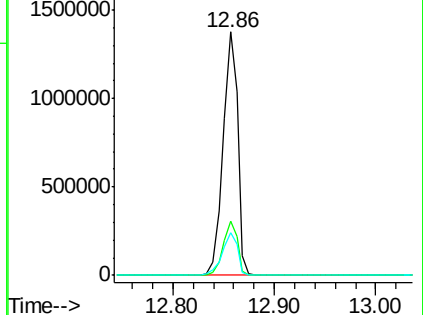
2/20/2018 10:20:17 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.552 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

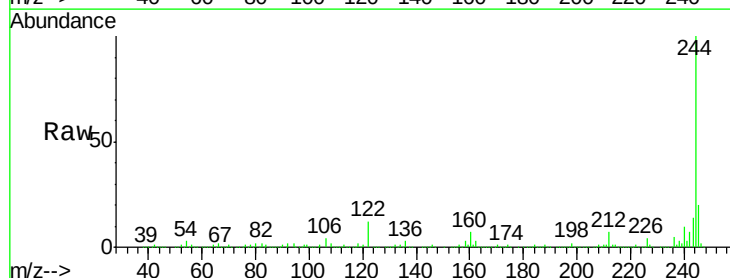
Tgt Ion:244 Resp: 1579122

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

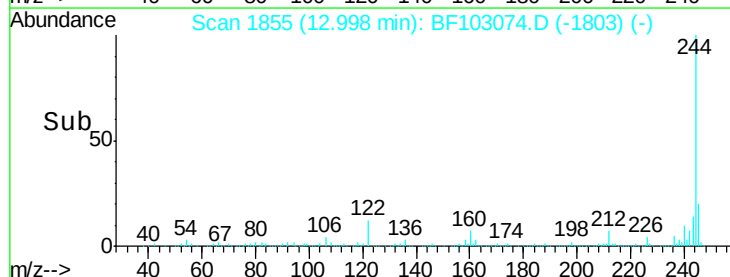
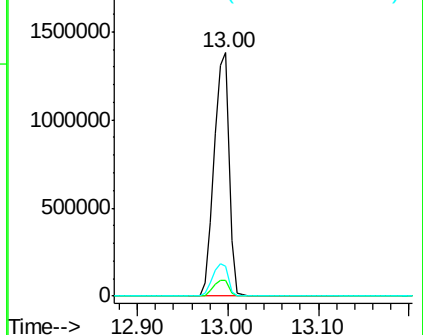
122 12.4 11.0 16.4

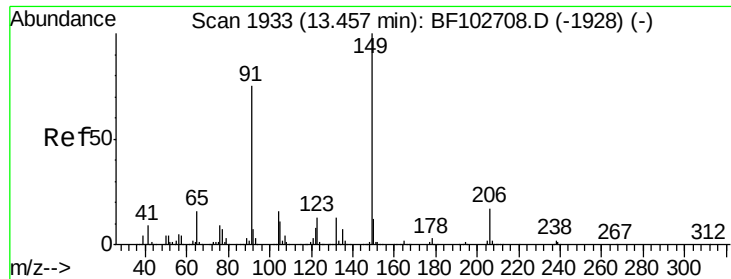


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





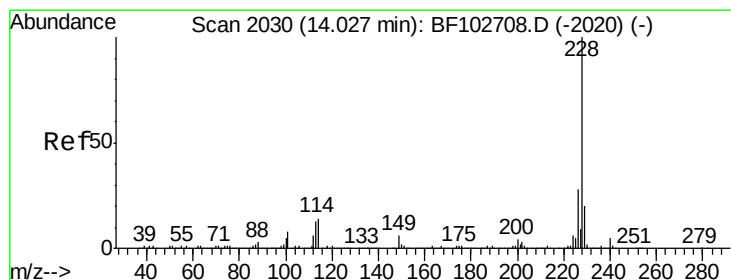
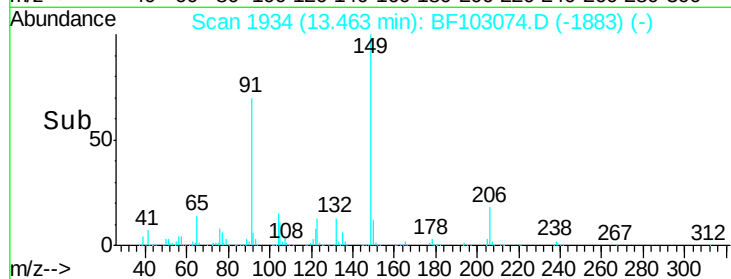
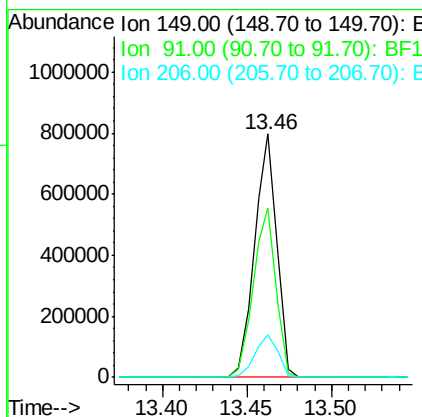
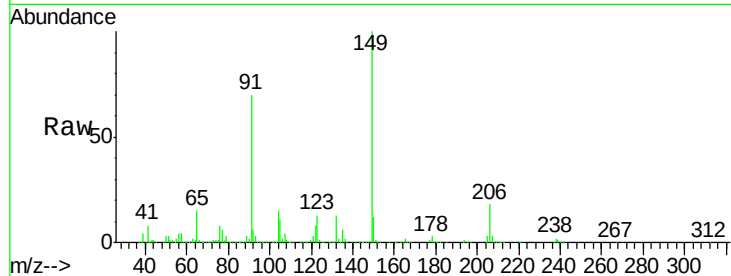
#79
Butylbenzylphthalate
Concen: 47.829 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	17.6	14.1	21.1

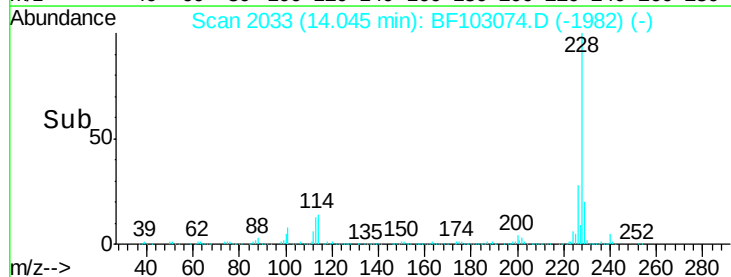
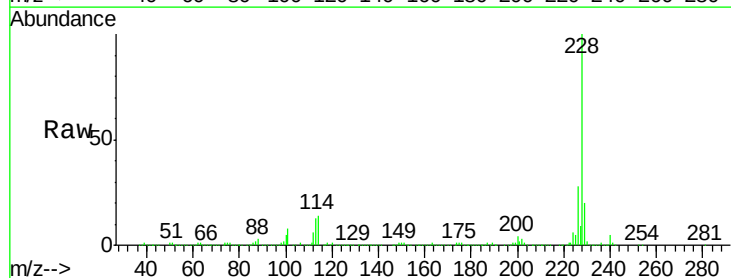
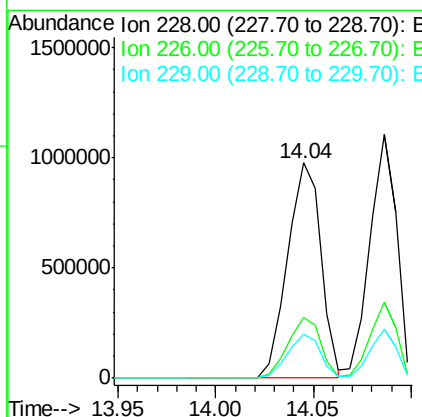
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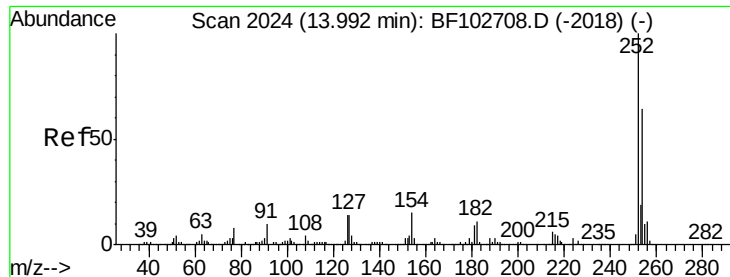
Sohil
2/20/2018 10:20:17 AM



#80
Benzo(a)anthracene
Concen: 44.911 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.4	15.8	23.6





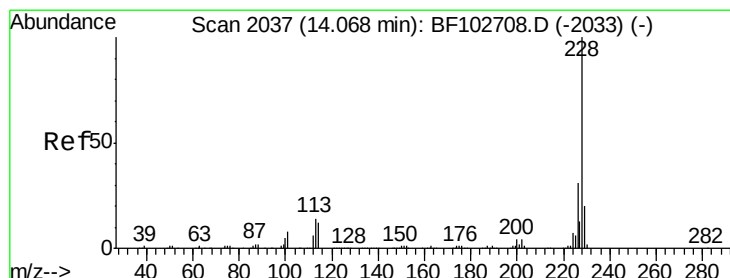
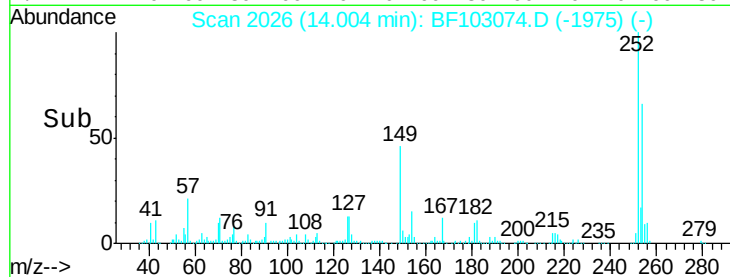
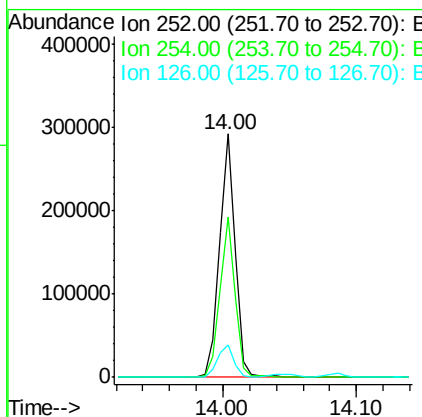
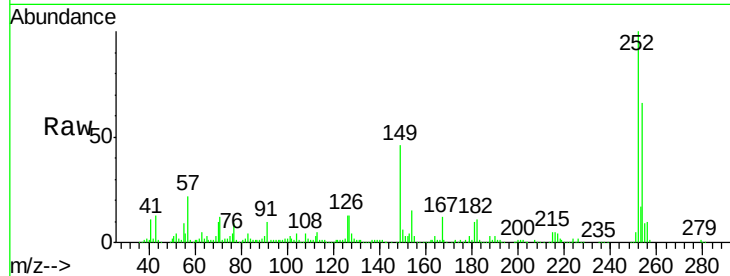
#81
 3,3'-Dichlorobenzidine
 Concen: 25.656 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	50.4	75.6
126	13.1	11.3	16.9

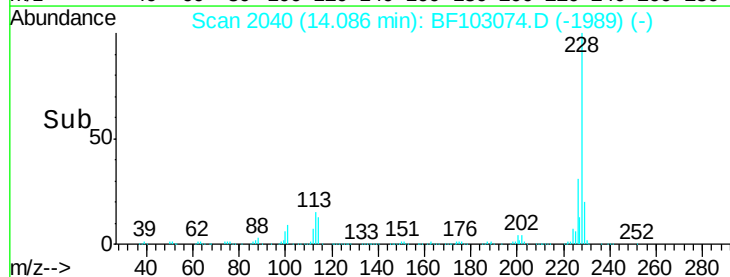
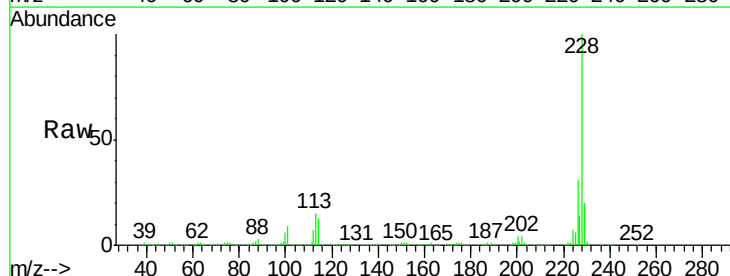
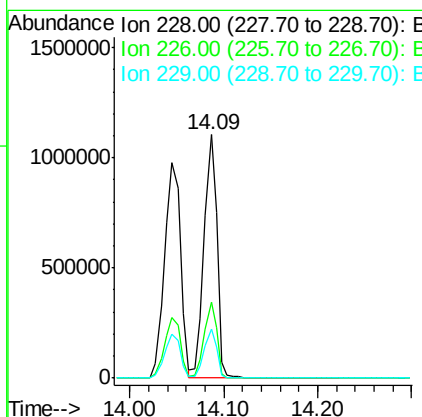
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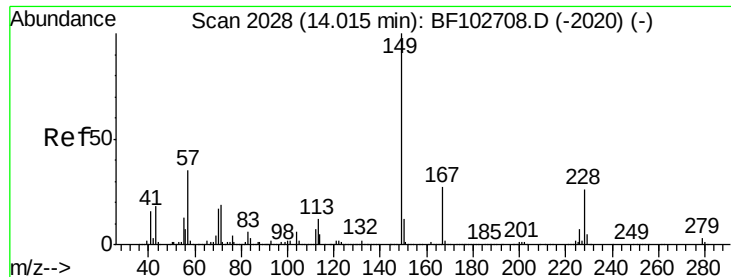
Sohil
 2/20/2018 10:20:17 AM



#82
 Chrysene
 Concen: 41.384 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.2	24.4





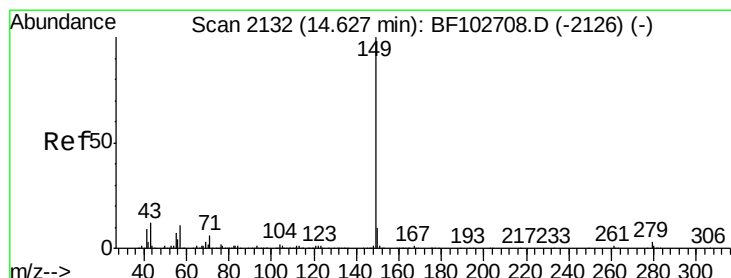
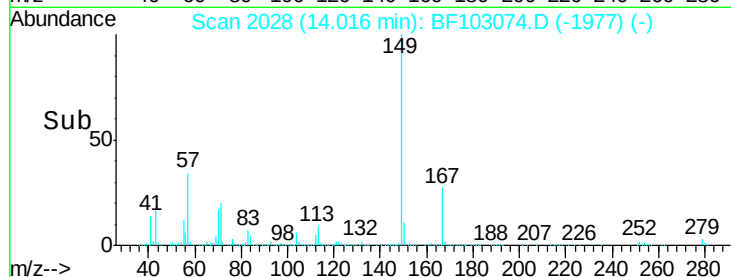
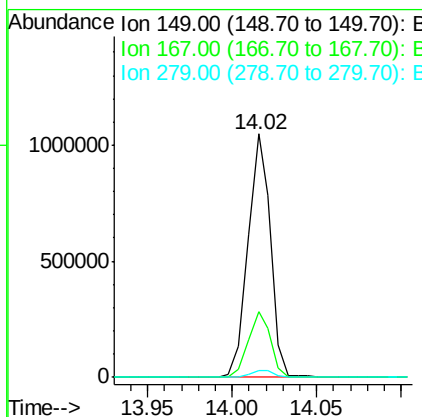
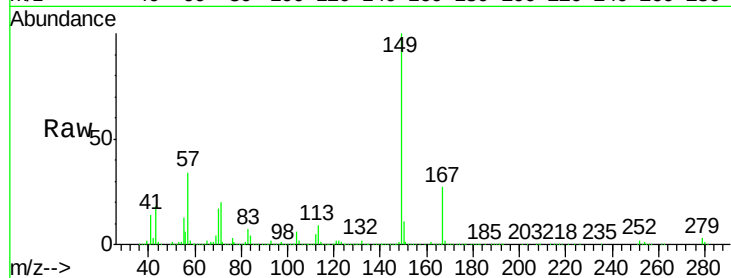
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.569 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.0	3.0	4.4

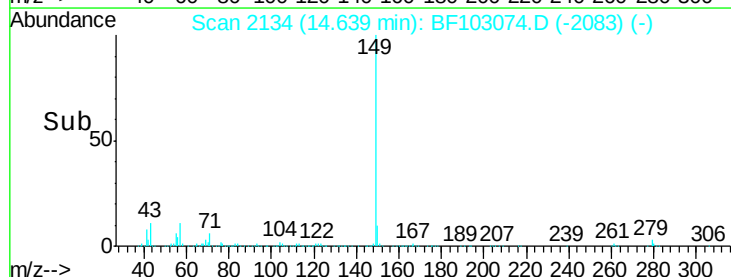
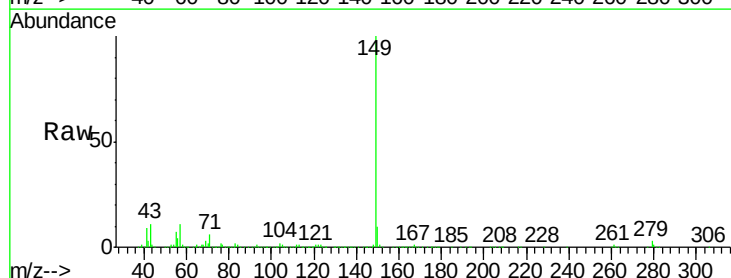
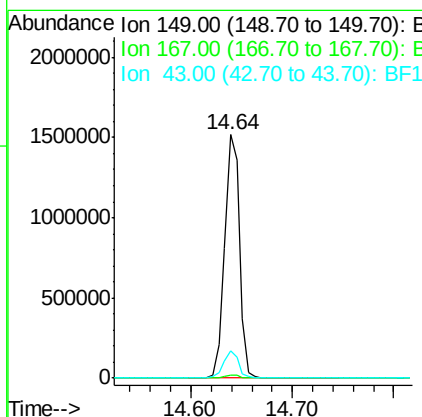
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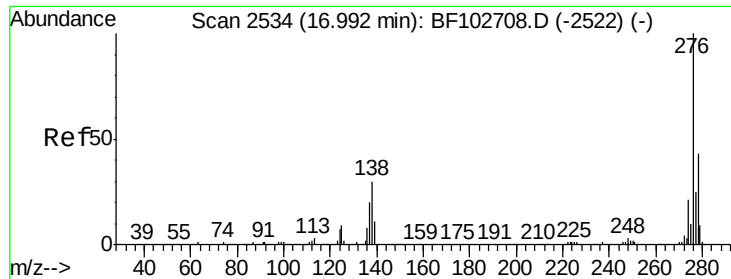
Sohil
 2/20/2018 10:20:17 AM



#84
 Di-n-octyl phthalate
 Concen: 52.117 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.4	12.6





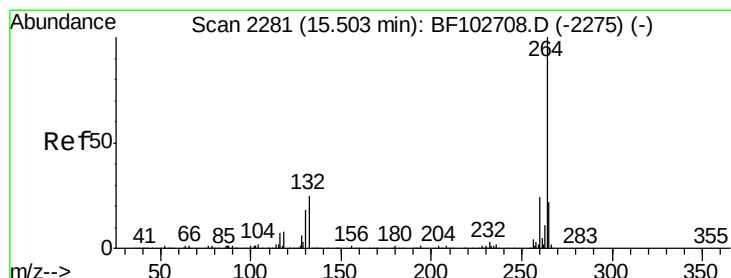
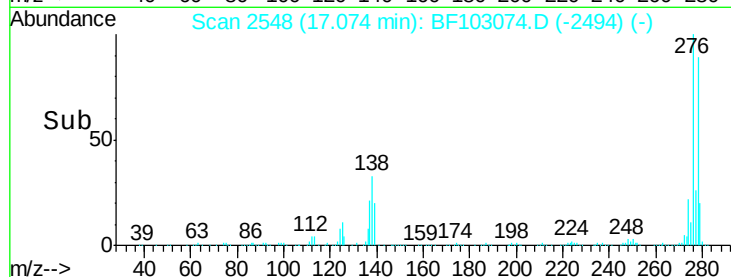
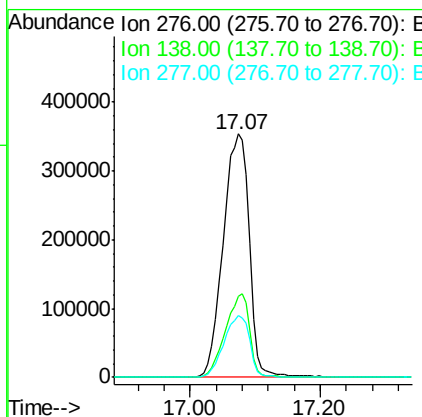
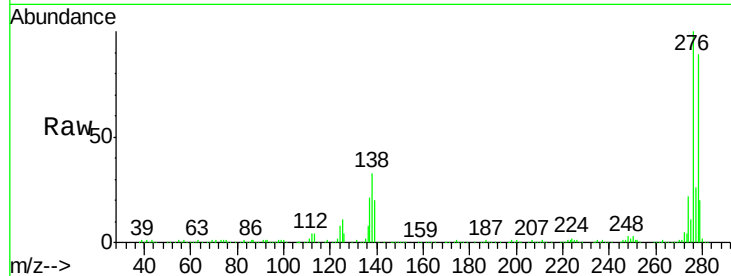
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.706 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.02 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	981486		
138	32.0	25.0	37.6	
277	25.2	20.1	30.1	

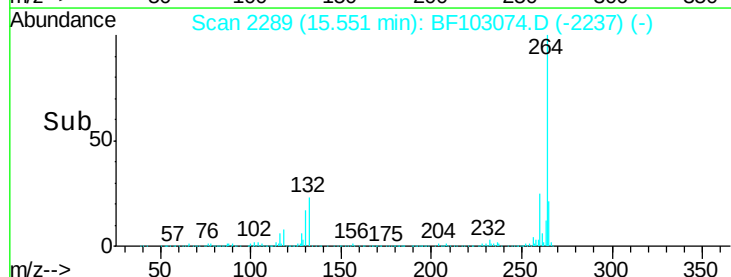
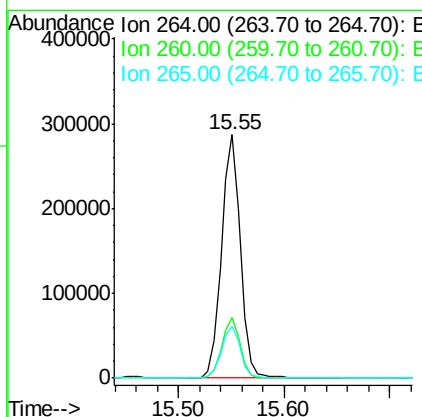
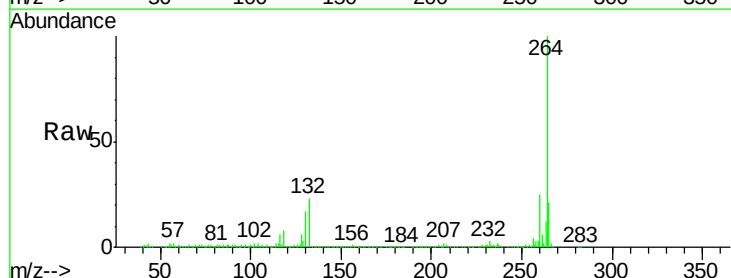
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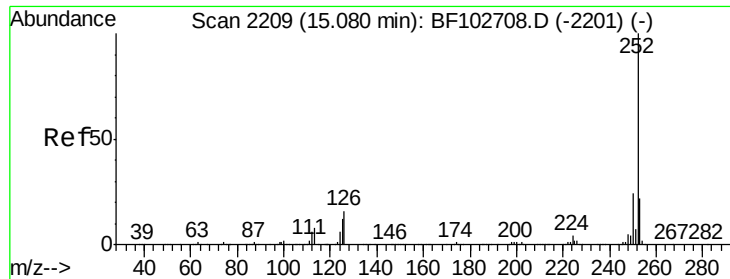
Sohil
 2/20/2018 10:20:17 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	357001		
260	24.6	19.2	28.8	
265	21.1	17.5	26.3	





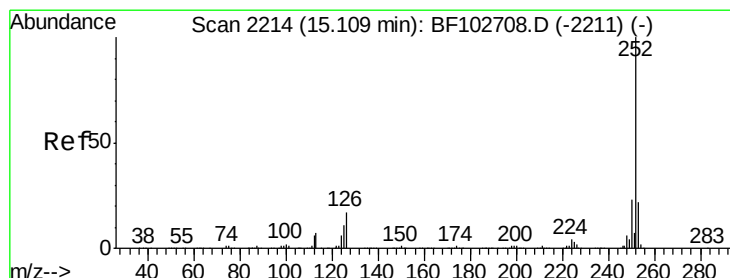
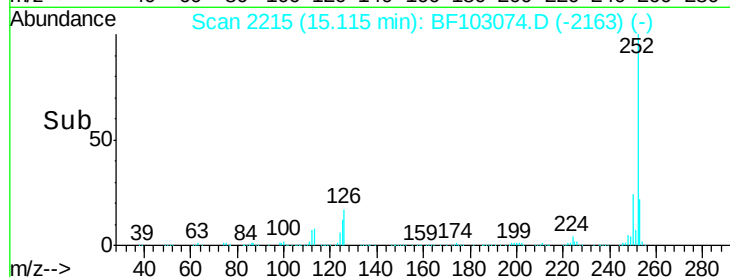
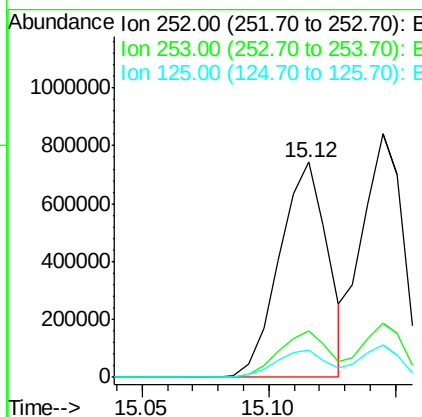
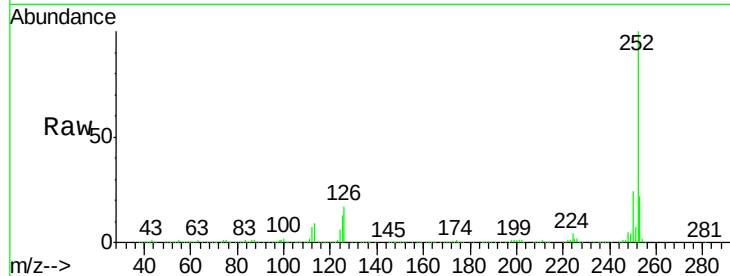
#87
Benzo(b)fluoranthene
Concen: 42.386 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.6	9.0	13.6

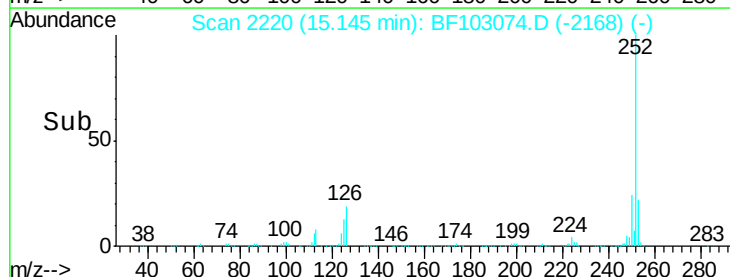
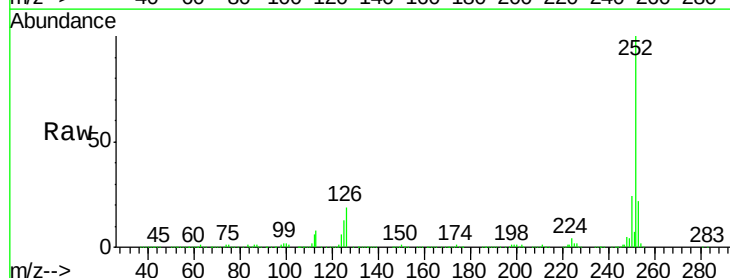
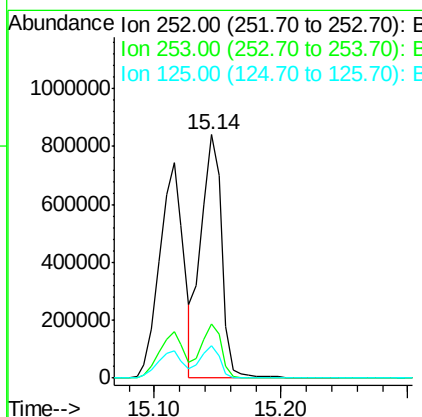
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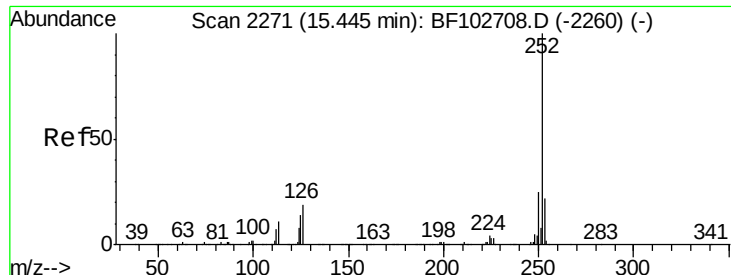
Sohil
2/20/2018 10:20:17 AM



#88
Benzo(k)fluoranthene
Concen: 43.298 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.1	10.2	15.2





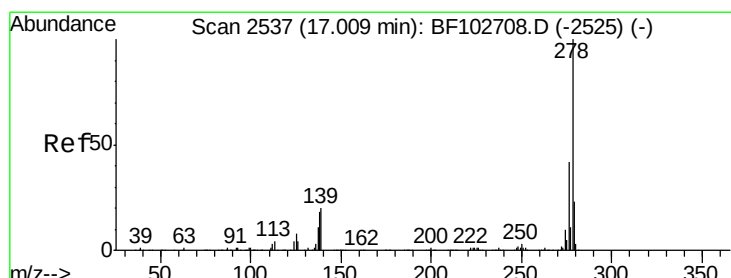
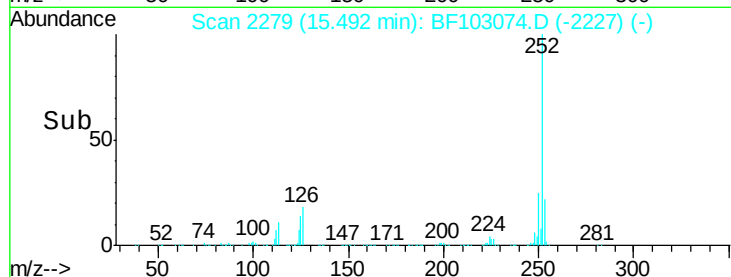
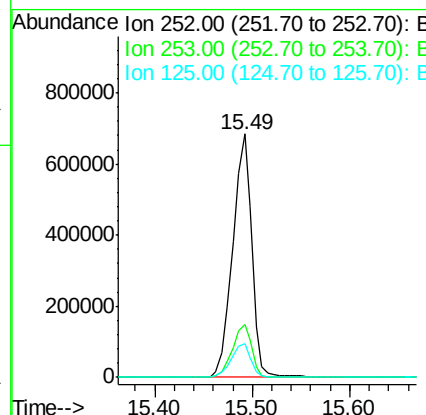
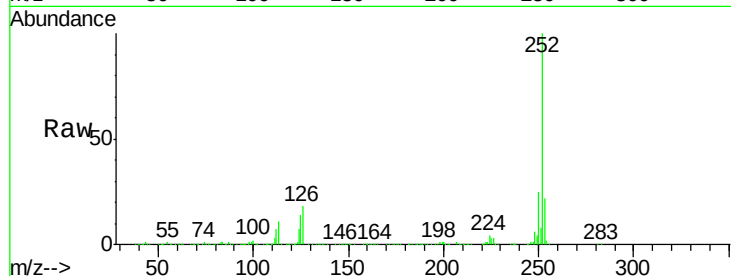
#89
Benzo(a)pyrene
Concen: 44.560 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6

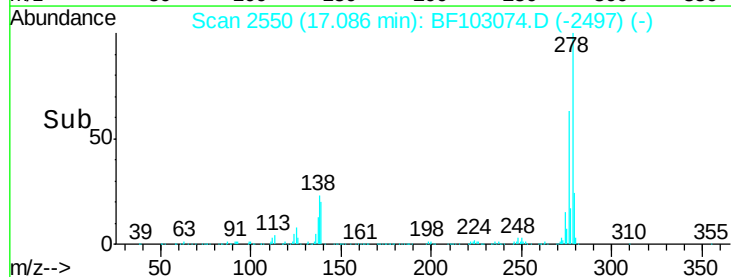
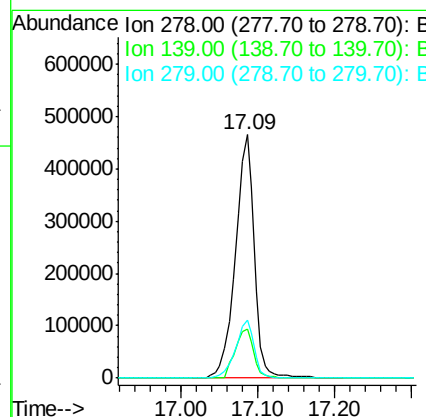
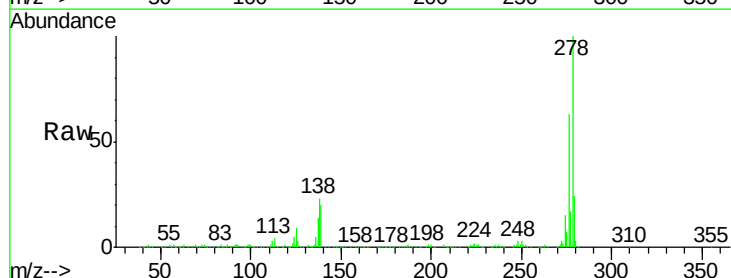
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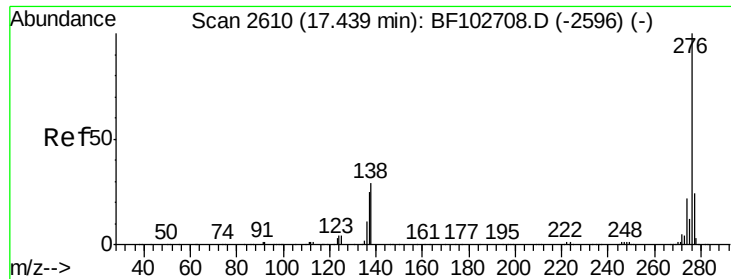
Sohil
2/20/2018 10:20:17 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.332 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 51.918 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	859324		
277	24.9		17.9	26.9
138	30.2		21.8	32.8

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Sohil
 2/20/2018 10:20:17 AM

