

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103739.D
 Acq On : 17 Mar 2018 12:58
 Operator : JU/SJ
 Sample : J1750-02MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:03:16 PM

Quant Time: Mar 19 08:33:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152047	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	597244	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	245394	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	343850	20.00	ng	0.00
75) Chrysene-d12	14.16	240	261820	20.00	ng	0.01
86) Perylene-d12	15.69	264	213357	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1253021	125.35	ng	0.03
7) Phenol-d6	6.60	99	1457269	119.15	ng	0.01
23) Nitrobenzene-d5	7.54	82	1007326	117.62	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	295111	139.87	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1588928	103.29	ng	0.00
78) Terphenyl-d14	13.09	244	1128145	100.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	190203	38.641	ng	# 78
3) Pyridine	3.73	79	433671	32.031	ng	88
4) n-Nitrosodimethylamine	3.67	42	227831	45.639	ng	81
6) Aniline	6.64	93	240267	13.758	ng	97
8) 2-Chlorophenol	6.76	128	488814	46.678	ng	93
9) Benzaldehyde	6.52	77	191587	23.845	ng	98
10) Phenol	6.61	94	540074	41.558	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	505063	47.078	ng	94
12) 1,3-Dichlorobenzene	6.92	146	517447	43.385	ng	99
13) 1,4-Dichlorobenzene	6.99	146	528598	44.105	ng	99
14) 1,2-Dichlorobenzene	7.15	146	482959	43.426	ng	99
15) Benzyl Alcohol	7.11	79	427091	45.071	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	685883	44.949	ng	95
17) 2-Methylphenol	7.22	107	417946	44.818	ng	98
18) Hexachloroethane	7.49	117	159438	37.819	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	343064	43.770	ng	95
20) 3+4-Methylphenols	7.37	107	497481	42.035	ng	90
22) Acetophenone	7.38	105	679876	44.293	ng	# 95
24) Nitrobenzene	7.56	77	528865	52.599	ng	98
25) Isophorone	7.79	82	991071	49.989	ng	99
26) 2-Nitrophenol	7.87	139	215401	54.673	ng	98
27) 2,4-Dimethylphenol	7.90	122	460809	54.255	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	628224	52.329	ng	100
29) 2,4-Dichlorophenol	8.11	162	395595	51.195	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	411888	45.957	ng	98
31) Naphthalene	8.28	128	1452901	48.158	ng	100
32) Benzoic acid	8.01	122	262874	44.717	ng	98
33) 4-Chloroaniline	8.32	127	87187	6.888	ng	95
34) Hexachlorobutadiene	8.39	225	221618	45.101	ng	99
35) Caprolactam	8.69	113	106799m	40.138	ng	
36) 4-Chloro-3-methylphenol	8.80	107	420056	49.310	ng	98
37) 2-Methylnaphthalene	8.97	142	895487	46.805	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363686	51.949	ng	100
40) Hexachlorocyclopentadiene	9.12	237	89552	24.790	ng	97

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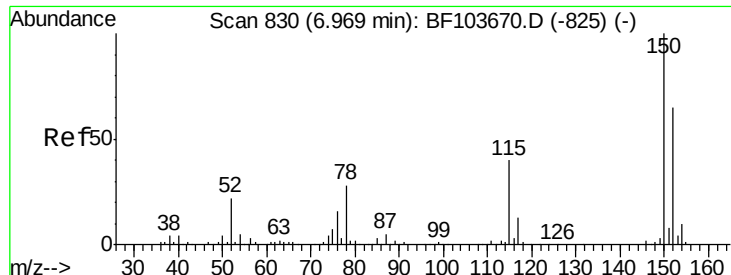
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Quant Time: Mar 19 08:33:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	256565	57.296	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	256874	50.824	ng	97
45) 1,1'-Biphenyl	9.43	154	1006032	49.165	ng	99
46) 2-Chloronaphthalene	9.46	162	790497	48.639	ng	98
47) 2-Nitroaniline	9.55	65	250709	57.411	ng	97
48) Acenaphthylene	9.88	152	1149679	45.618	ng	100
49) Dimethylphthalate	9.73	163	970204	51.821	ng	99
50) 2,6-Dinitrotoluene	9.79	165	198641	54.279	ng	96
51) Acenaphthene	10.05	154	689607	46.083	ng	99
52) 3-Nitroaniline	9.96	138	144226	34.401	ng	99
53) 2,4-Dinitrophenol	10.07	184	31406	43.793	ng	# 20
54) Dibenzofuran	10.22	168	1010778	47.294	ng	99
55) 4-Nitrophenol	10.12	139	295937	85.943	ng	99
56) 2,4-Dinitrotoluene	10.20	165	241721	52.075	ng	# 97
57) Fluorene	10.56	166	732825	44.188	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	186369	52.040	ng	97
59) Diethylphthalate	10.43	149	907496	48.837	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	357678	47.191	ng	99
61) 4-Nitroaniline	10.58	138	189995	45.677	ng	99
62) Azobenzene	10.72	77	832865	44.085	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	25185	27.173	ng	91
65) n-Nitrosodiphenylamine	10.67	169	688273	58.806	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	206212	58.410	ng	93
67) Hexachlorobenzene	11.11	284	205747	51.061	ng	98
68) Atrazine	11.20	200	196493	54.272	ng	98
69) Pentachlorophenol	11.30	266	209663	90.506	ng	96
70) Phenanthrene	11.53	178	922141	49.026	ng	99
71) Anthracene	11.59	178	946900	49.566	ng	99
72) Carbazole	11.74	167	873210	47.027	ng	99
73) Di-n-butylphthalate	12.06	149	1232793	55.333	ng	100
74) Fluoranthene	12.72	202	881659	45.498	ng	100
76) Benzidine	12.84	184	249274	22.323	ng	98
77) Pyrene	12.96	202	889166	46.244	ng	99
79) Butylbenzylphthalate	13.56	149	451092	52.951	ng	98
80) Benzo(a)anthracene	14.15	228	834204	50.335	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	280237	50.551	ng	98
82) Chrysene	14.19	228	772609	48.904	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	629652	51.738	ng	99
84) Di-n-octyl phthalate	14.74	149	1088600	61.485	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	605023	43.853	ng	98
87) Benzo(b)fluoranthene	15.24	252	707344	52.476	ng	97
88) Benzo(k)fluoranthene	15.27	252	696820	53.778	ng	99
89) Benzo(a)pyrene	15.63	252	629704	51.506	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	509508	48.129	ng	98
91) Benzo(g,h,i)perylene	17.74	276	488157	47.399	ng	99

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



#1

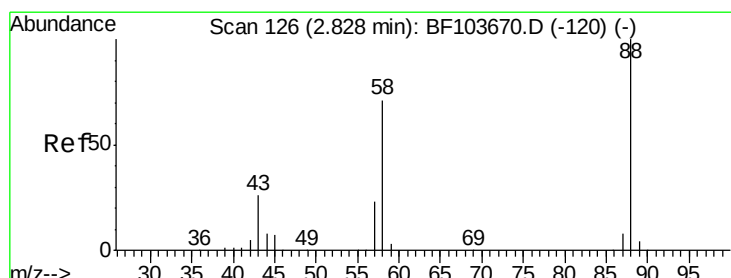
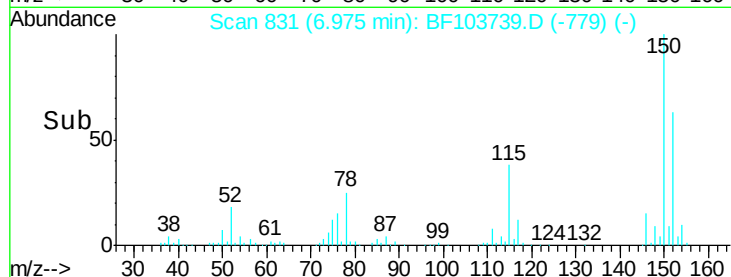
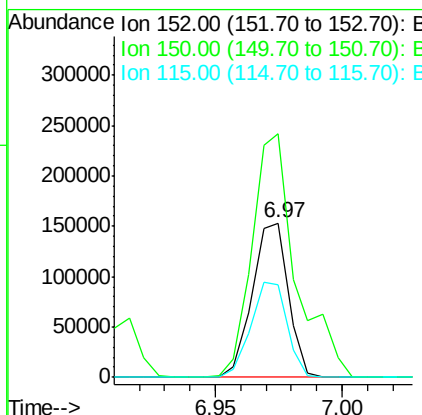
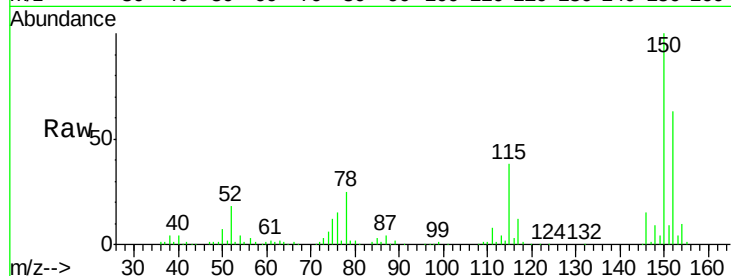
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.8	50.1	75.1

Manual Integrations
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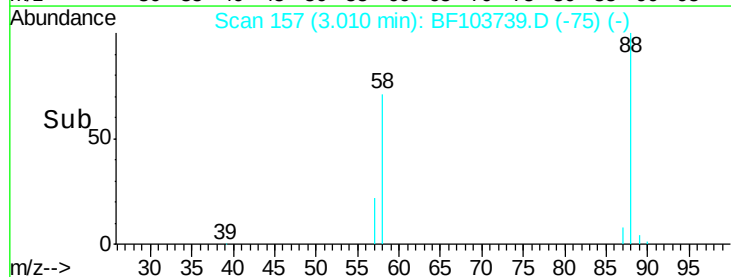
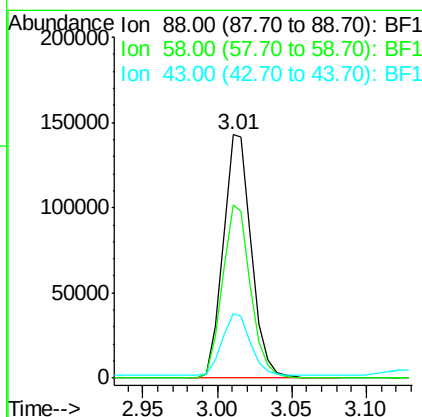
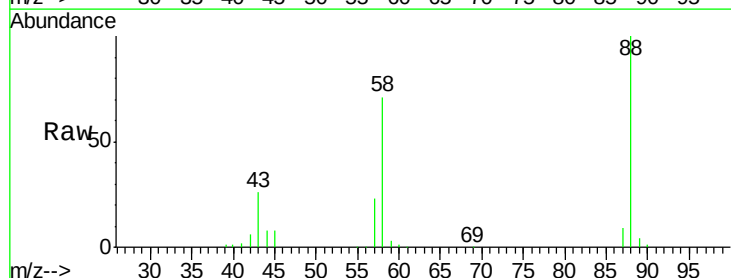
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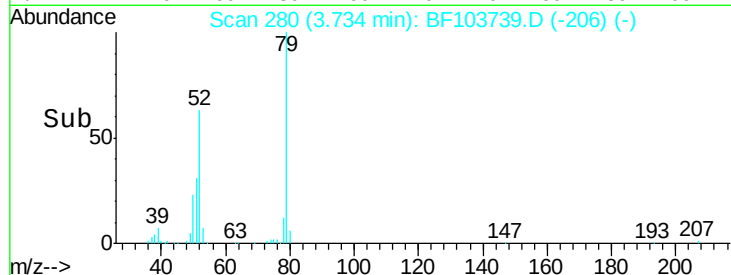
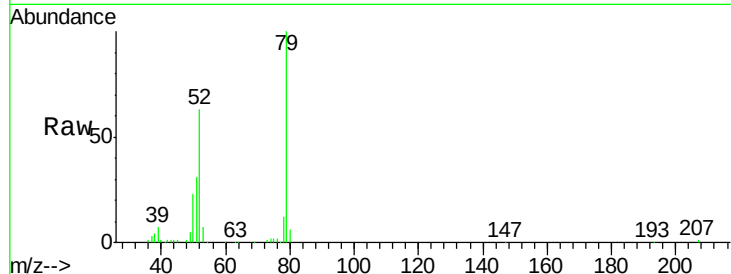
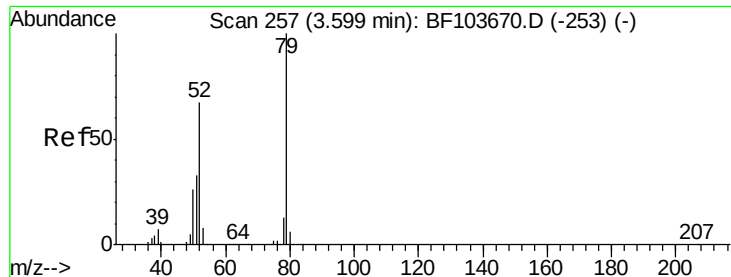


#2

1,4-Dioxane
Concen: 38.641 ng
RT: 3.01 min Scan# 157
Delta R.T. 0.18 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	0.0	24.6	37.0





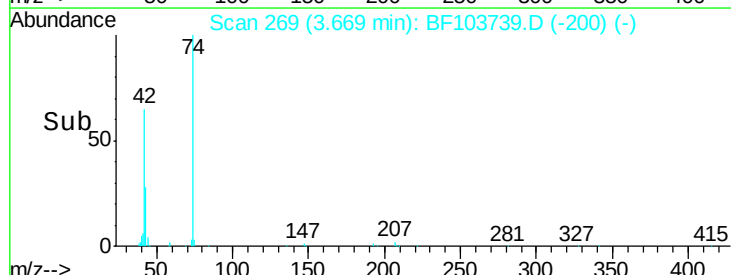
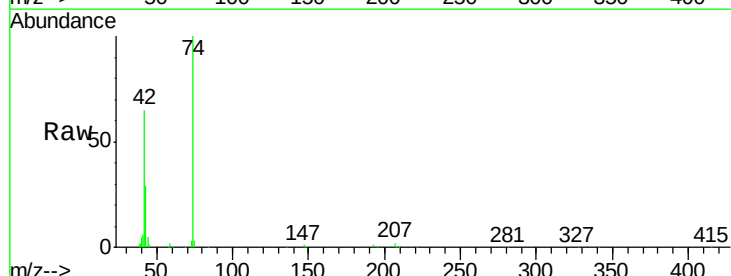
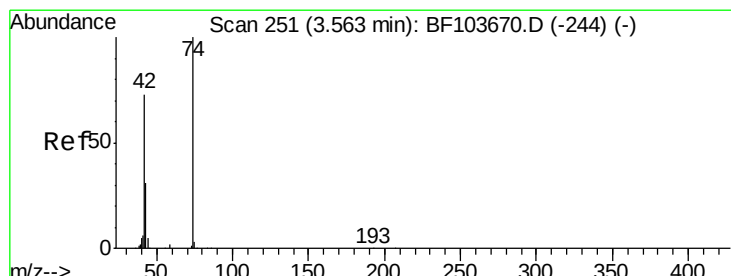
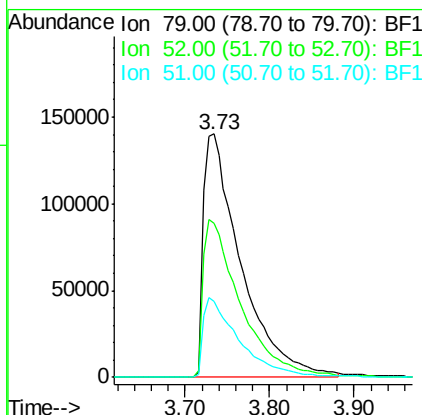
#3
 Pvridine
 Concen: 32.031 ng
 RT: 3.73 min Scan# 280
 Delta R.T. 0.14 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	433671		
52	52	63.5	59.8	89.6	
51	51	31.2	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

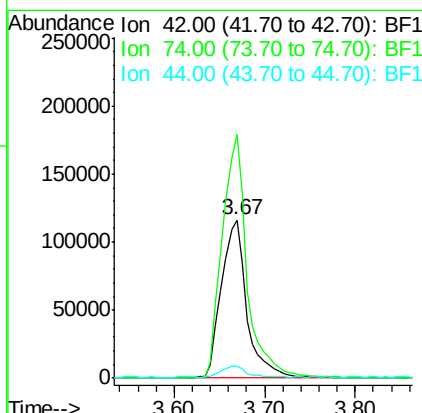
Manual Integrations
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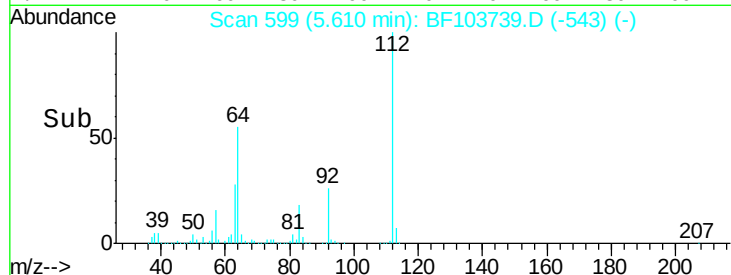
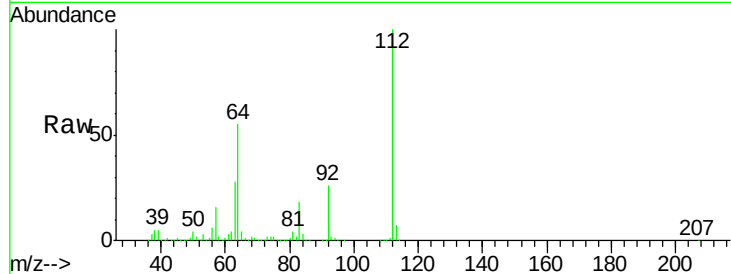
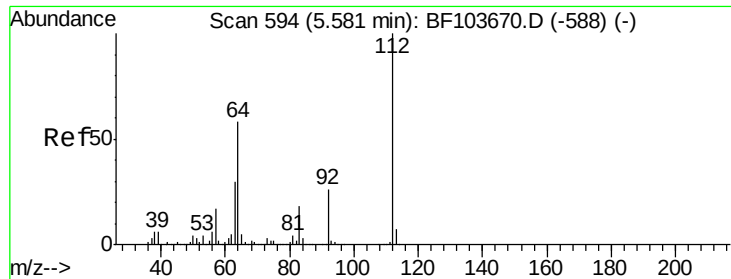
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 3/19/2018 2:03:16 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.639 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.11 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	227831		
74	74	154.2	104.9	157.3	
44	44	7.2	6.9	10.3	





#5

2-Fluorophenol

Concen: 125.345 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.03 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tot Ion:	112	Resp:	1253021
Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.6	23.7	35.5

Instrument :

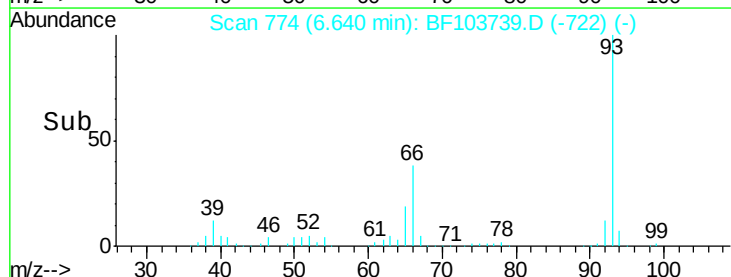
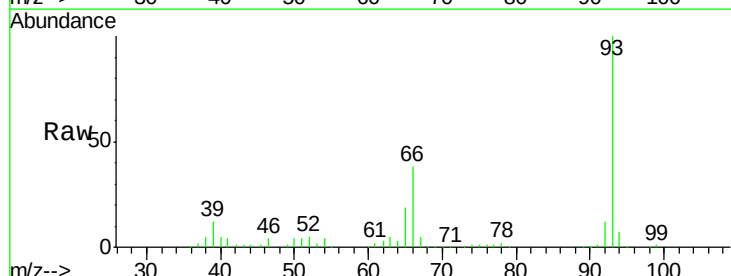
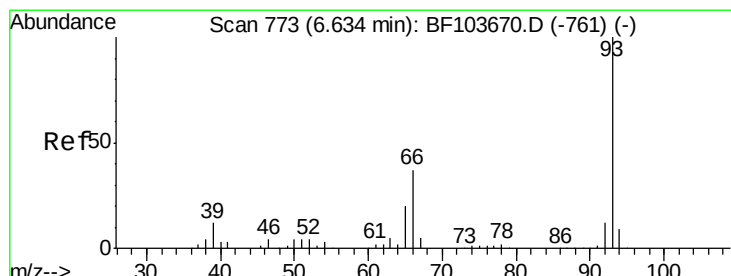
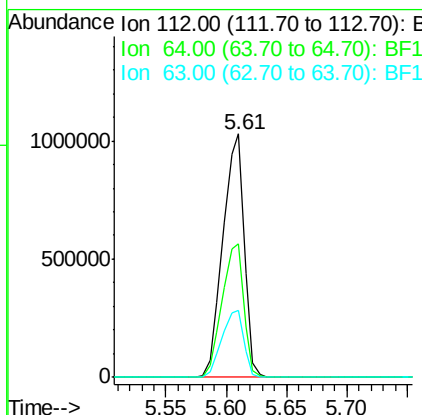
BNA_F

ClientSampleId :

HR-05-031518-AMSD

Manual Integrations
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#6

Aniline

Concen: 13.758 ng

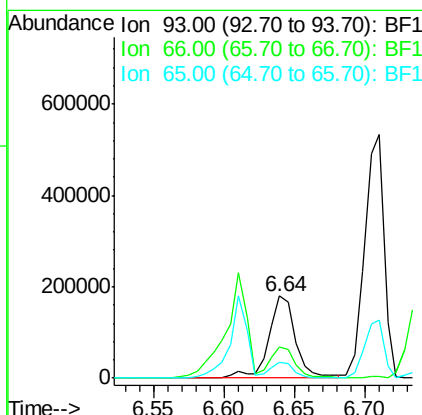
RT: 6.64 min Scan# 774

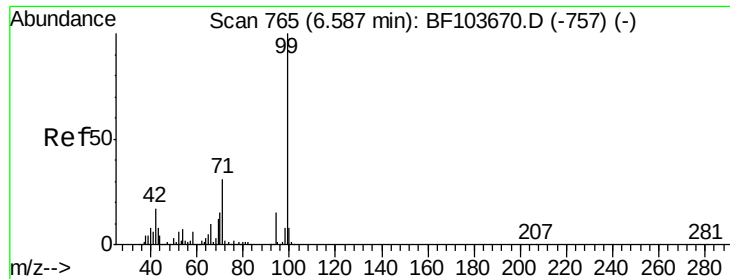
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	93	Resp:	240267
Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 119.155 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion: 99 Resp: 1457269

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

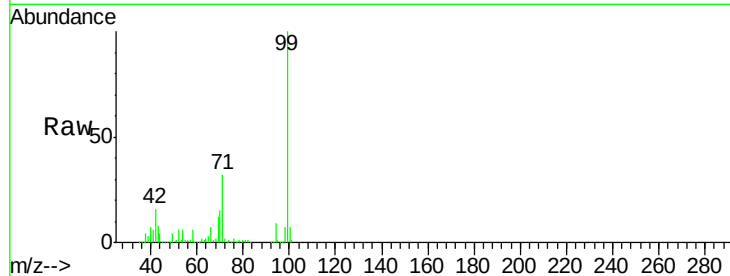
71 32.1 25.4 38.0

Manual Integrations

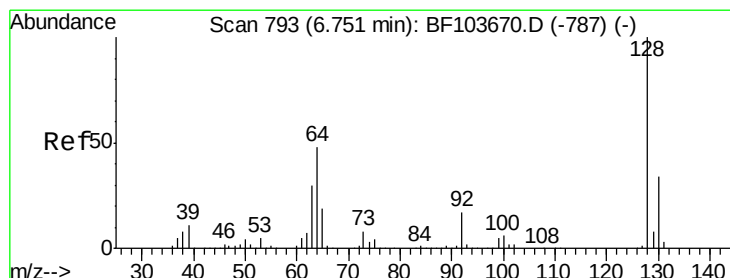
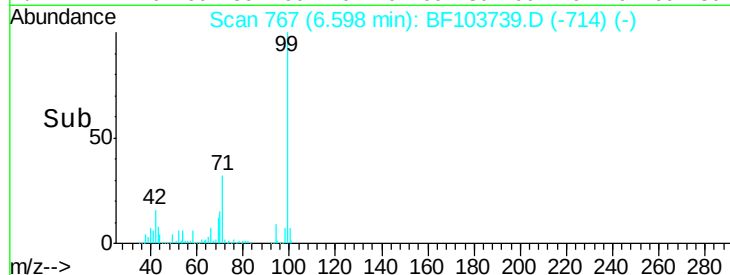
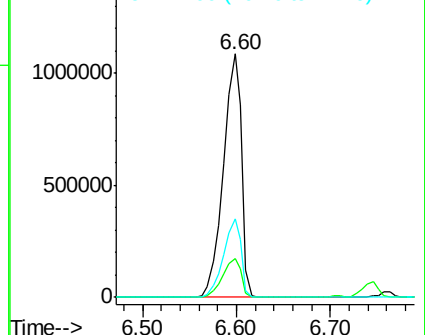
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.678 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

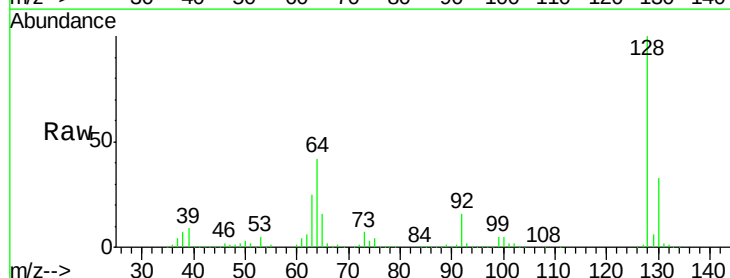
Tgt Ion: 128 Resp: 488814

Ion Ratio Lower Upper

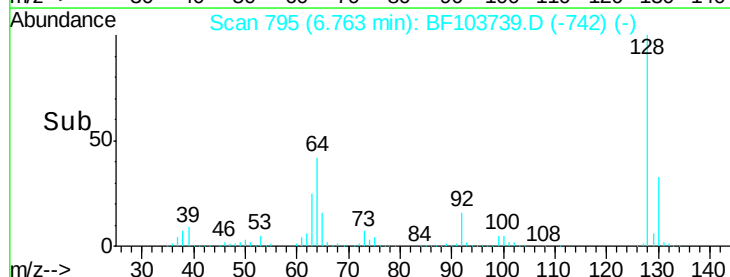
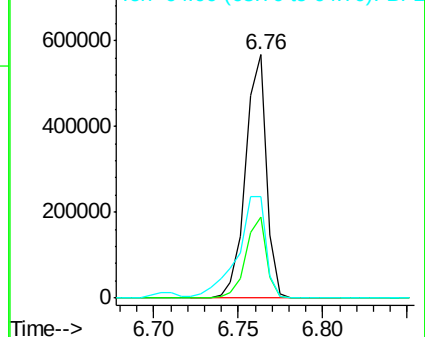
128 100

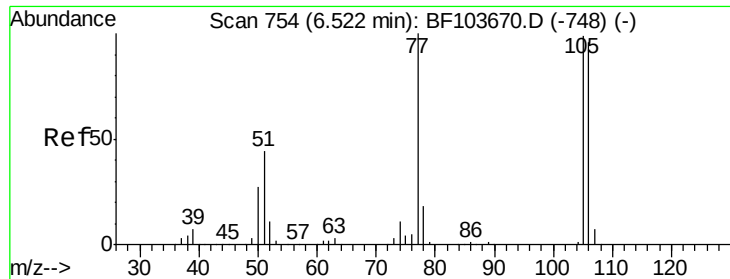
130 33.1 13.0 53.0

64 41.9 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: 23.845 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

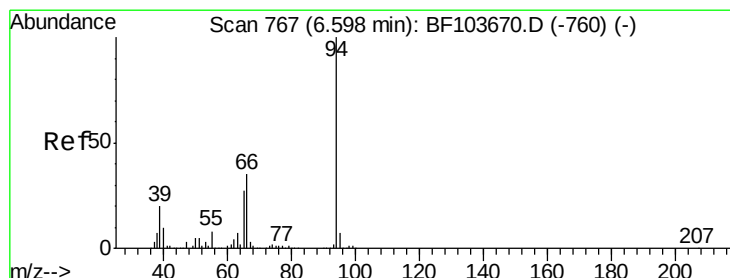
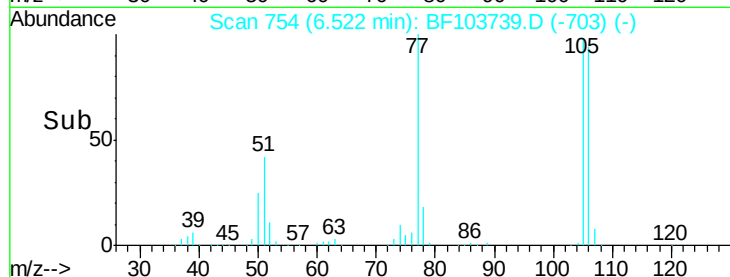
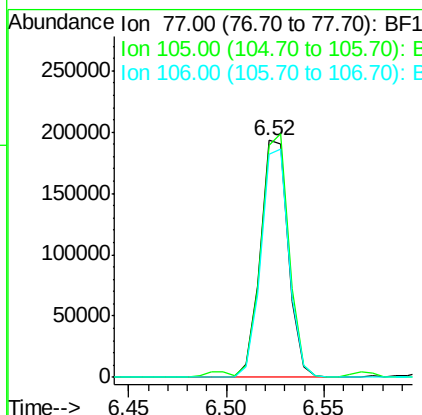
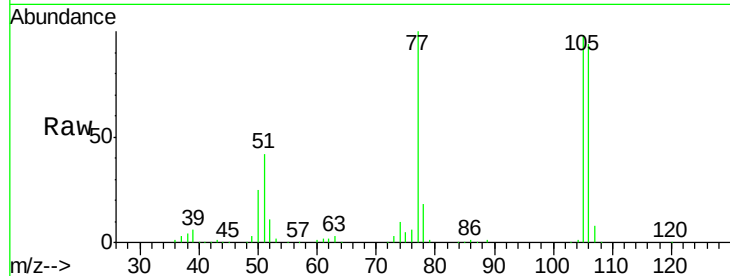
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	77	Resp:	191587
Ion	Ratio	Lower	Upper
77	100		
105	98.1	81.1	121.1
106	94.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.558 ng

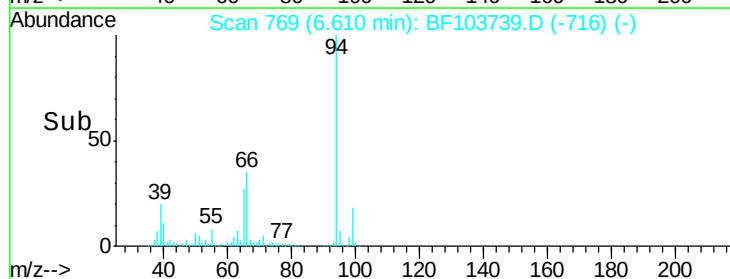
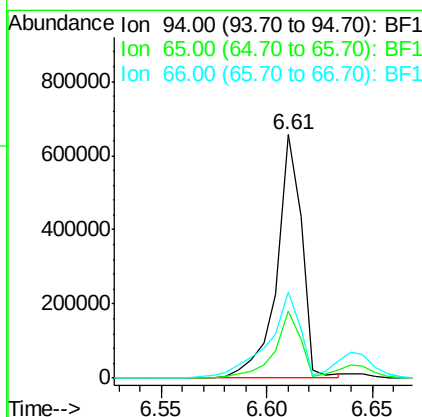
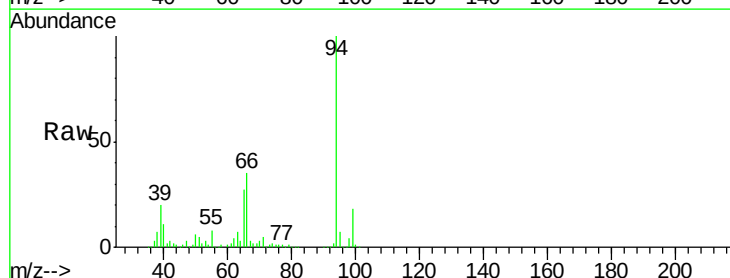
RT: 6.61 min Scan# 769

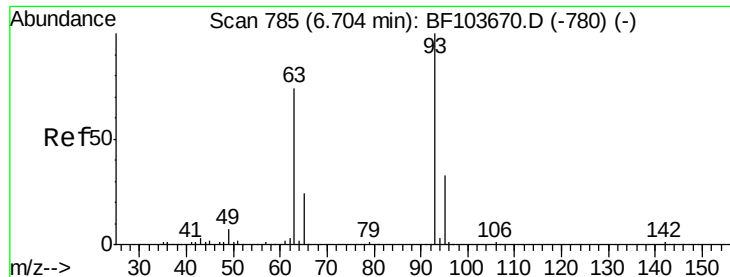
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	94	Resp:	540074
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	35.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 47.078 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

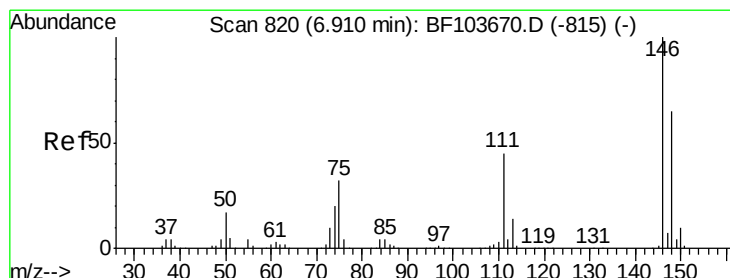
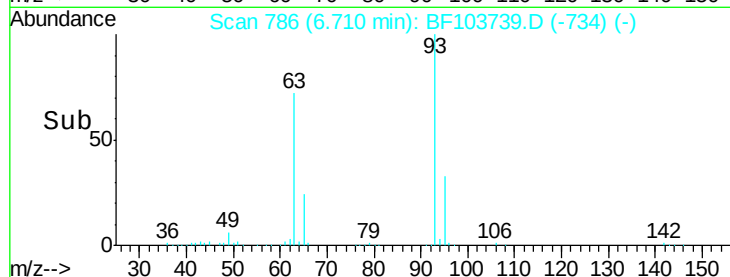
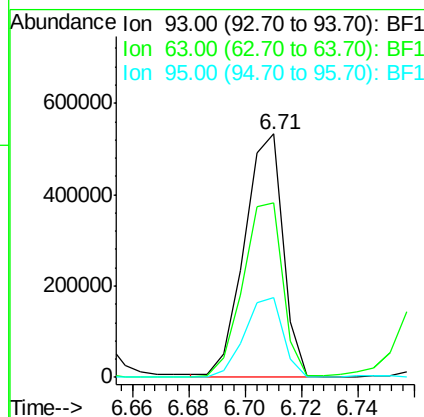
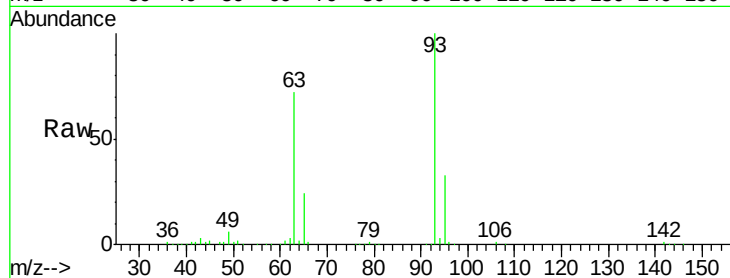
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	93	Resp:	505063
Ion	Ratio	Lower	Upper
93	100		
63	71.7	58.6	98.6
95	33.0	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.385 ng

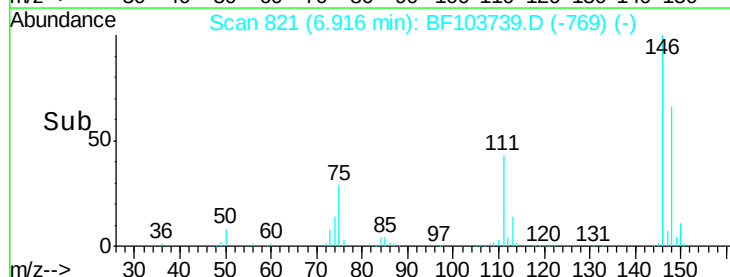
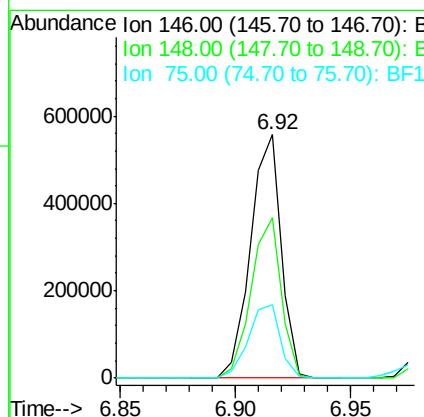
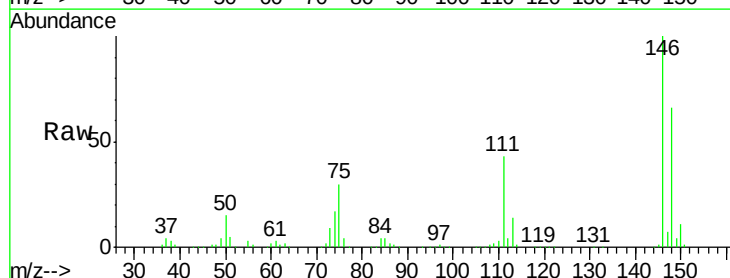
RT: 6.92 min Scan# 821

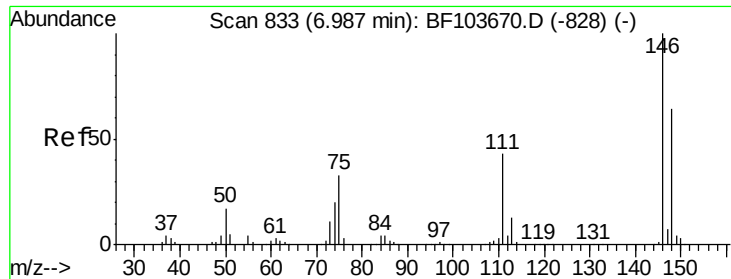
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	146	Resp:	517447
Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.8
75	30.2	24.2	36.4





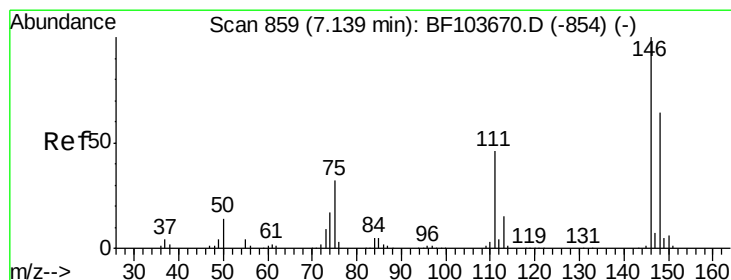
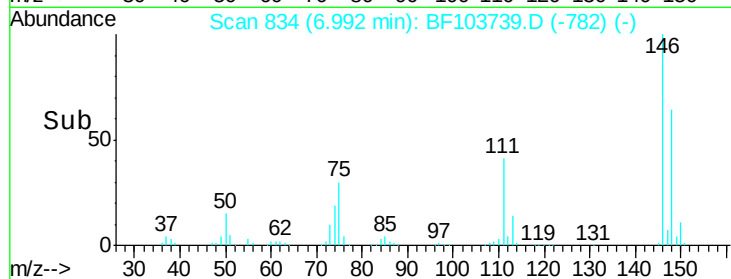
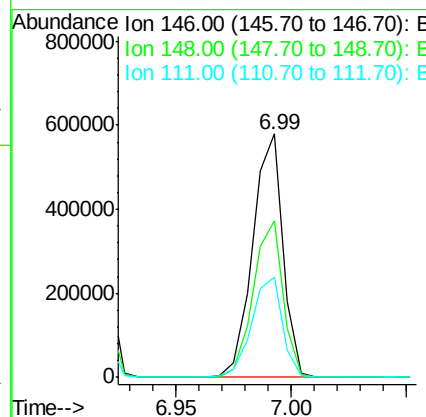
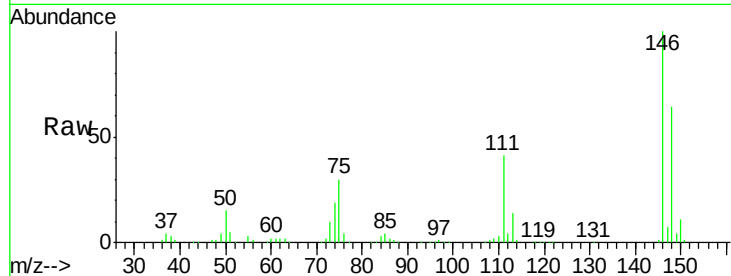
#13
 1,4-Dichlorobenzene
 Concen: 44.105 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	41.3	34.2	51.2

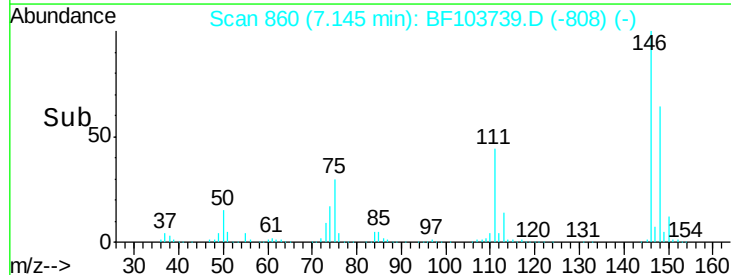
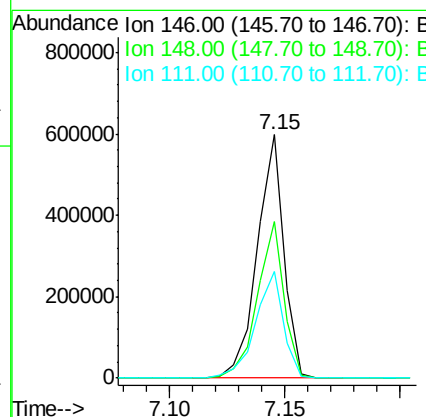
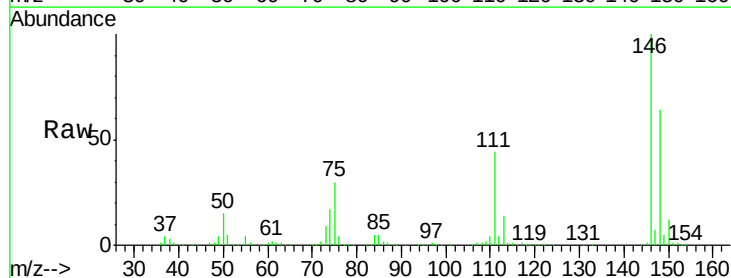
Manual Integrations
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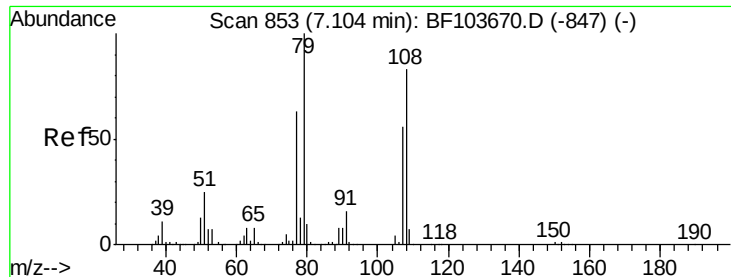
Sohil
 3/19/2018 2:03:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.426 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.071 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

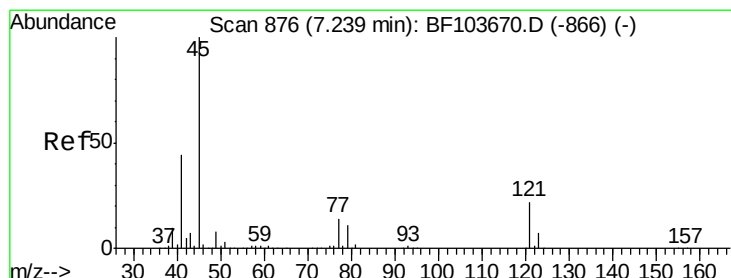
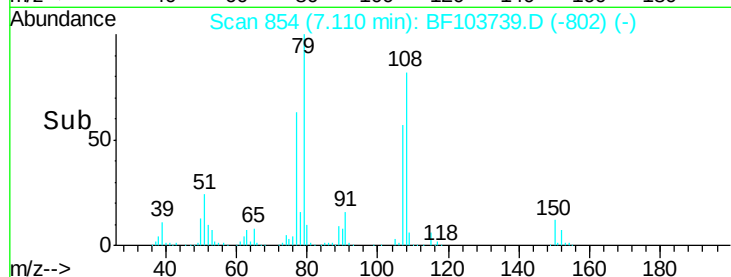
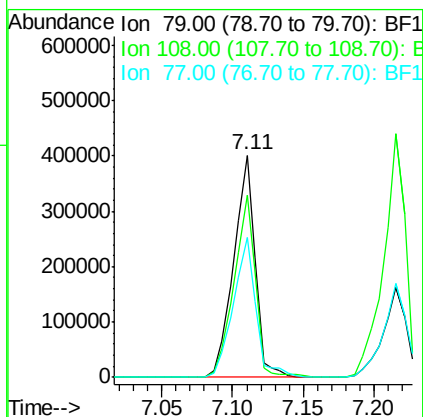
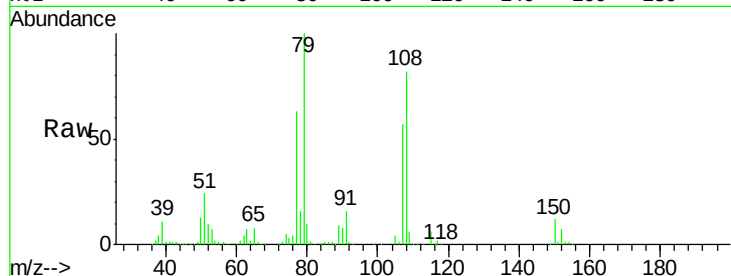
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	79	Resp:	427091
Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.1	97.7
77	62.7	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.949 ng

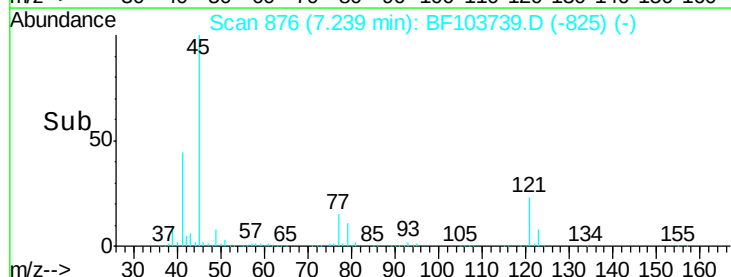
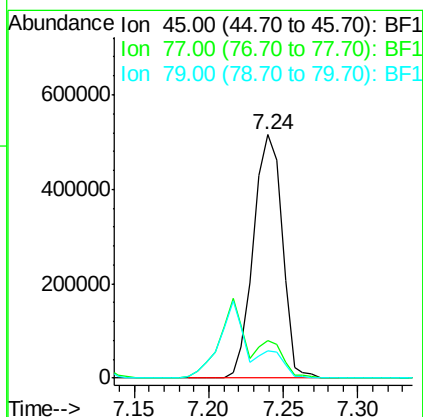
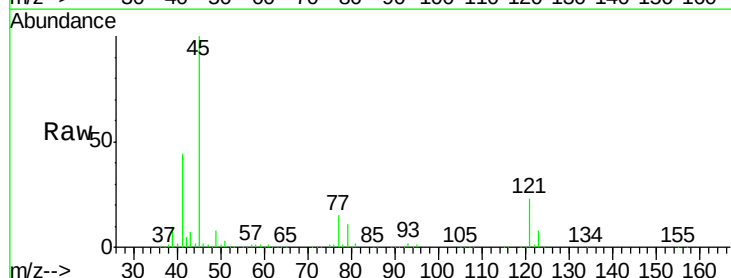
RT: 7.24 min Scan# 876

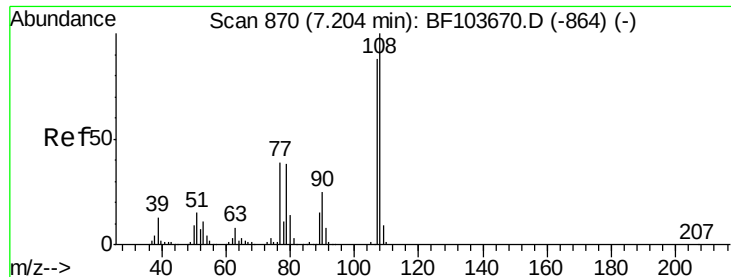
Delta R.T. 0.00 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	45	Resp:	685883
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	32.9
79	11.1	0.0	29.6





#17

2-Methylphenol

Concen: 44.818 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

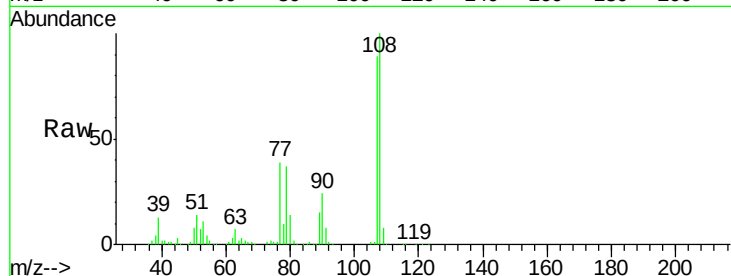
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	107	Resp:	417946
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	43.5	33.8	50.8
79	41.9	33.8	50.8

Manual Integrations
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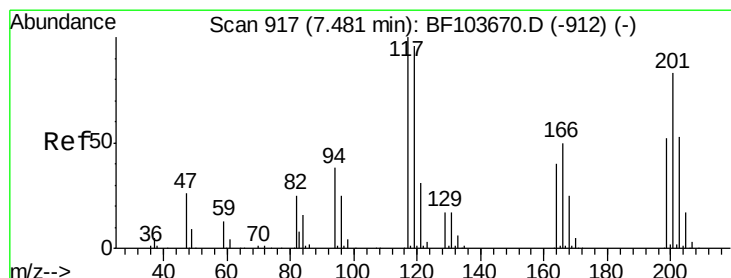
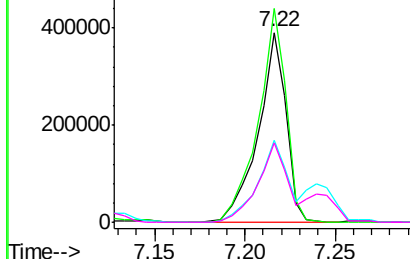
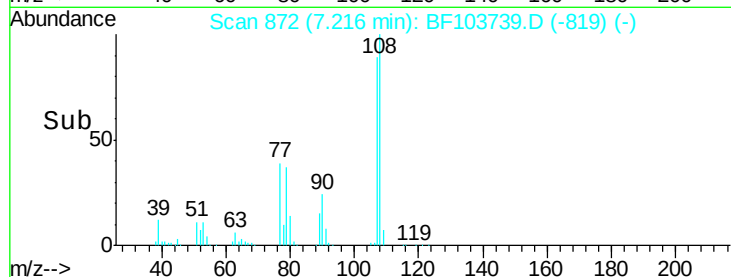


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.819 ng

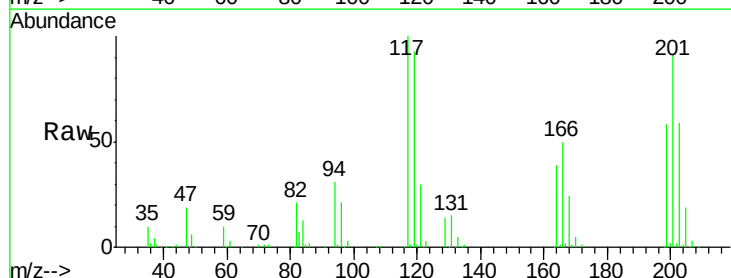
RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

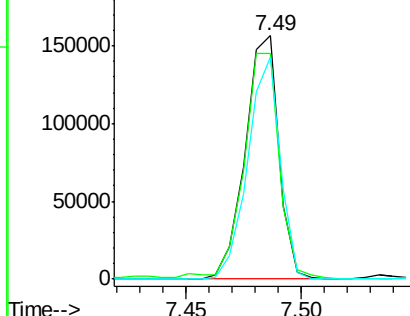
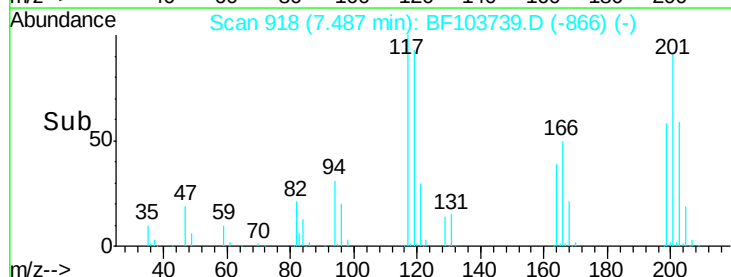
Tgt Ion:	117	Resp:	159438
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.8	113.8
201	90.9	75.7	113.5

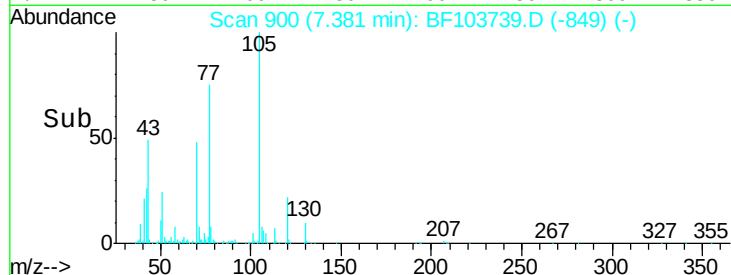
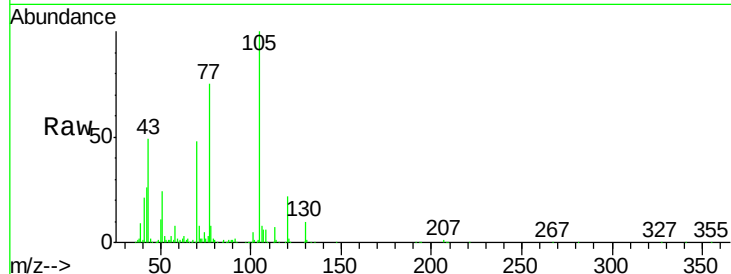
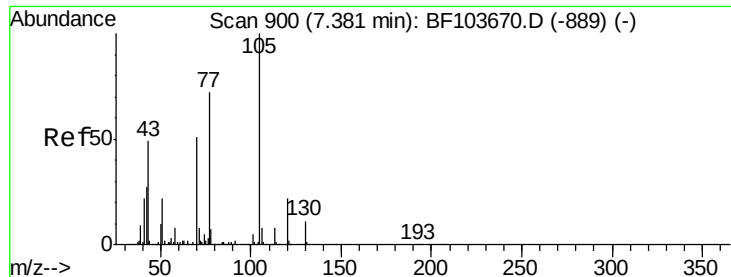


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





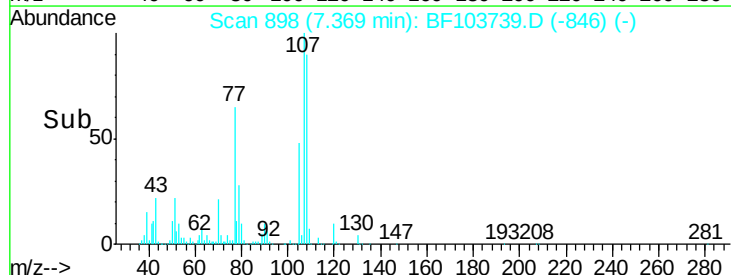
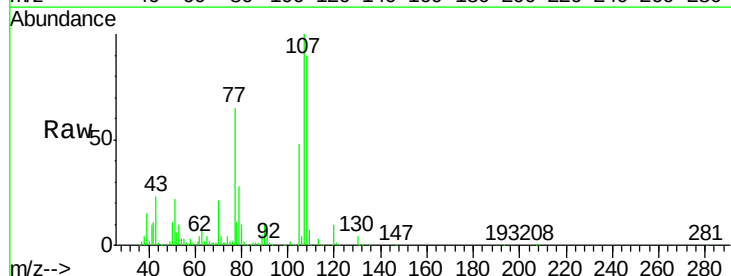
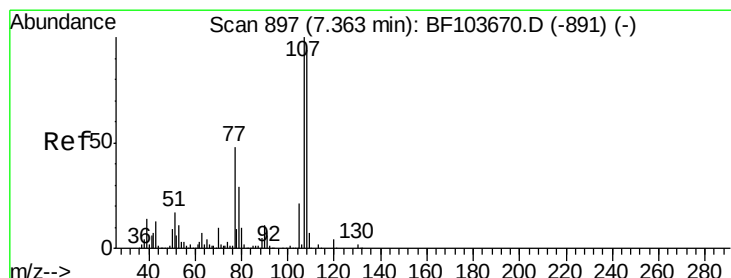
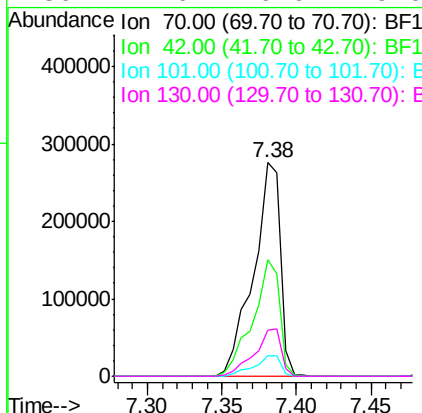
#19
n-Nitroso-di-n-propylamine
Concen: 43.770 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	9.7	7.4	11.2
130	21.6	16.6	25.0

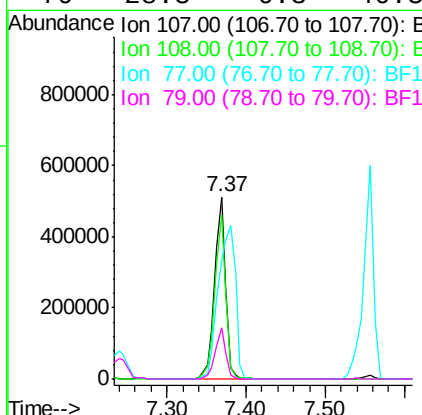
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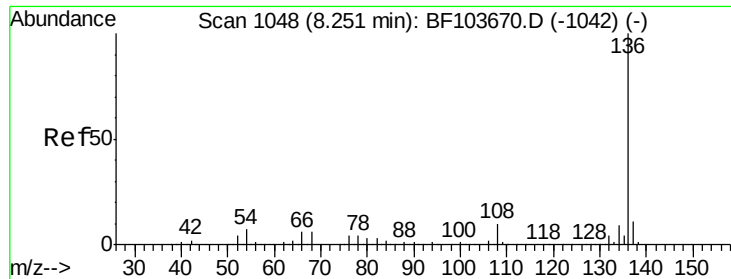
Sohil
3/19/2018 2:03:16 PM



#20
3+4-Methylphenols
Concen: 42.035 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	65.3	26.7	66.7
79	28.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

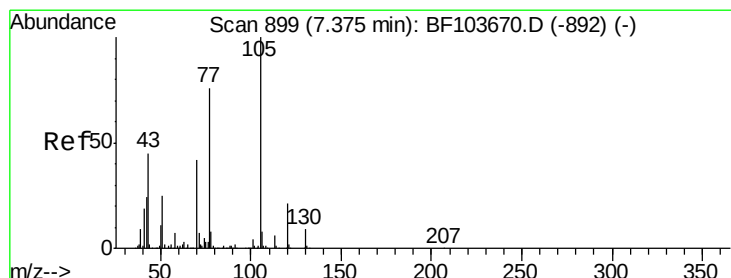
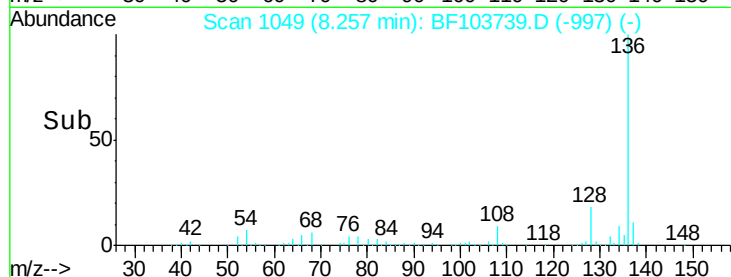
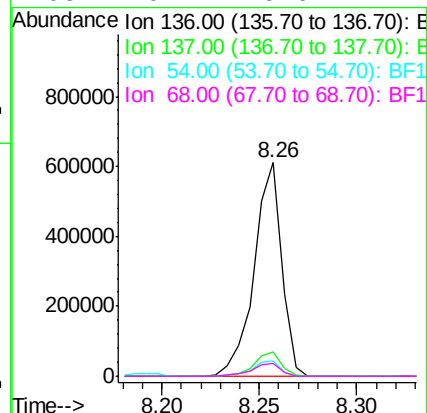
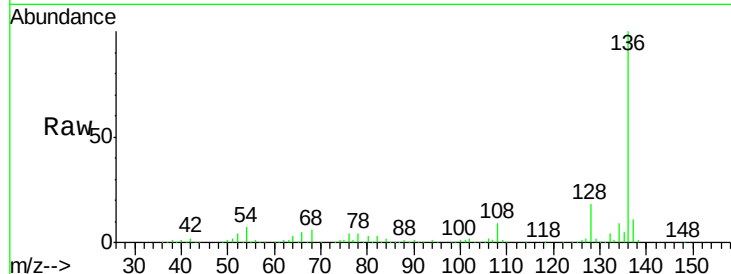
ClientSampleId :

HR-05-031518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		597244		
137	11.2	8.9	13.3		
54	7.3	6.6	9.8		
68	6.2	5.0	7.4		

Manual Integrations
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#22

Acetophenone

Concen: 44.293 ng

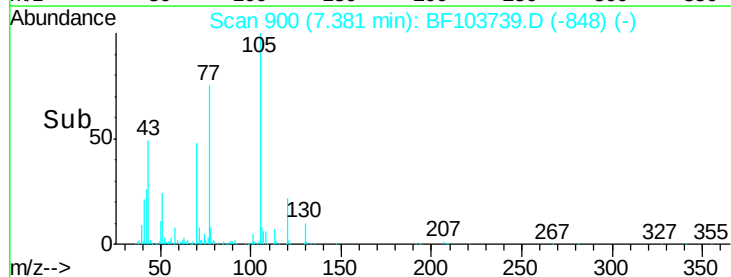
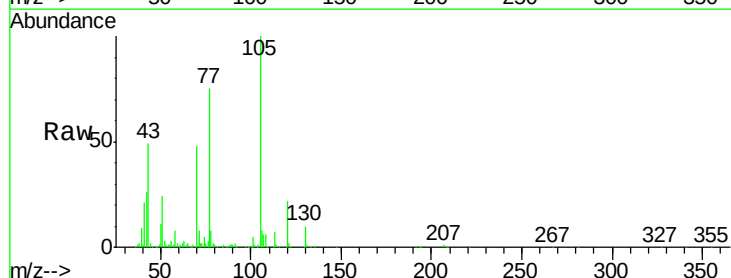
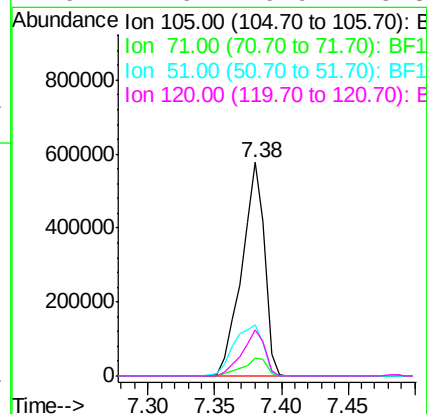
RT: 7.38 min Scan# 900

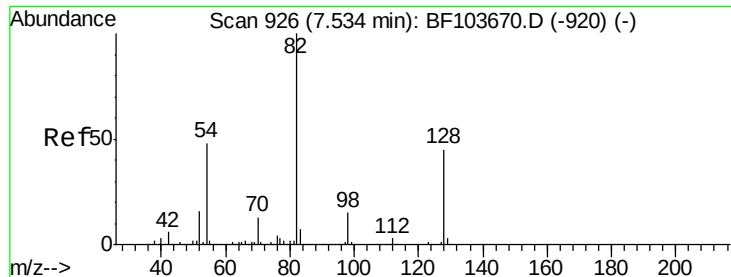
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		679876		
71	8.2	4.4	6.6#		
51	24.0	22.3	33.5		
120	21.6	16.9	25.3		





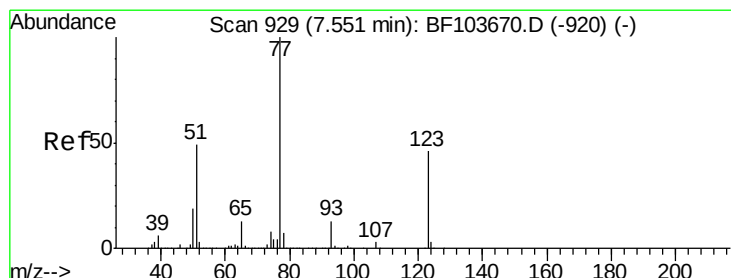
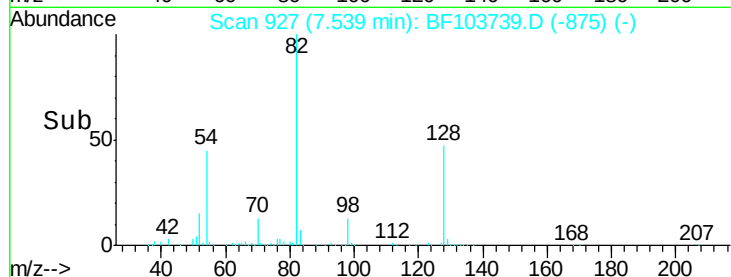
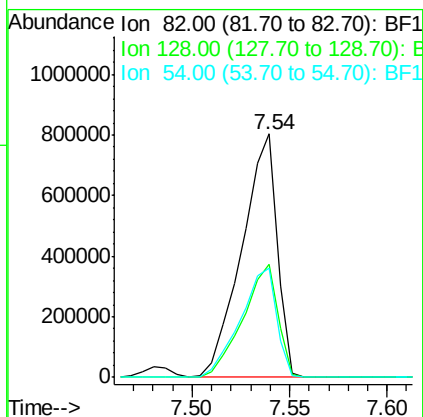
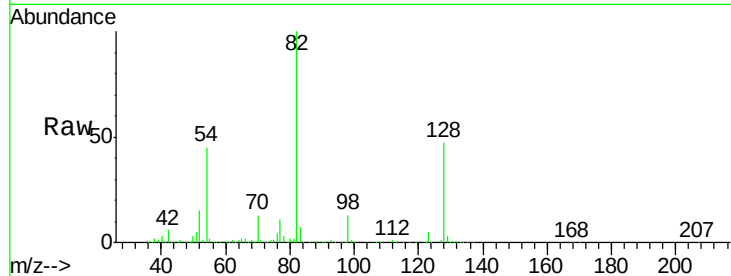
#23
 Nitrobenzene-d5
 Concen: 117.618 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion: 82 Resp: 1007326
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 45.0 41.4 62.2

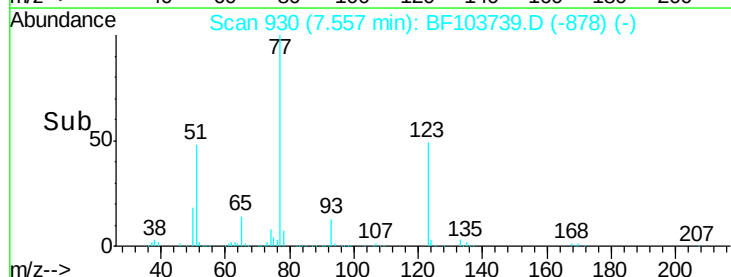
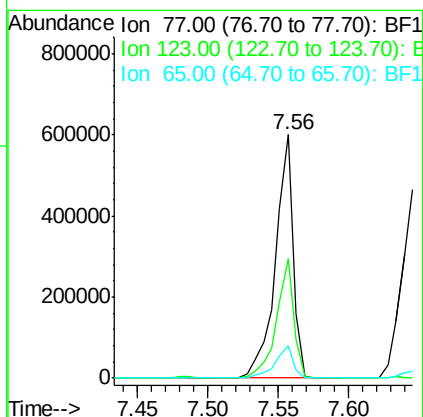
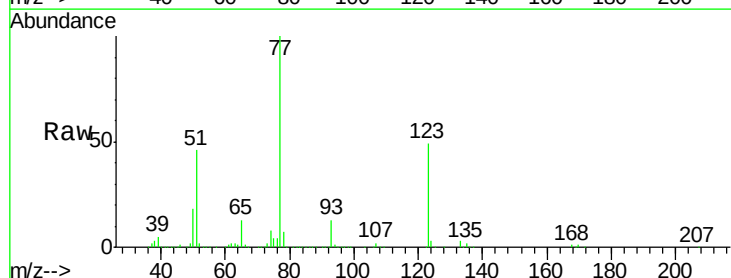
Manual Integrations
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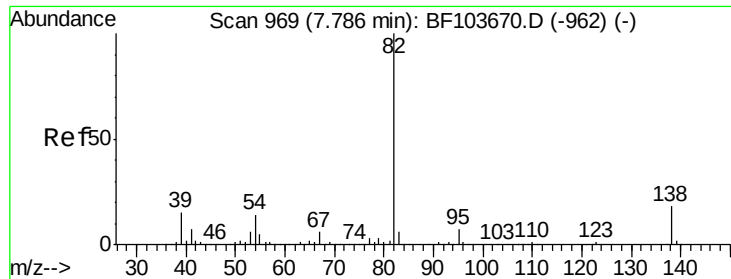
Sohil
 3/19/2018 2:03:16 PM



#24
 Nitrobenzene
 Concen: 52.599 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion: 77 Resp: 528865
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.9 56.9
 65 13.3 11.0 16.4





#25

Isophorone

Concen: 49.989 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

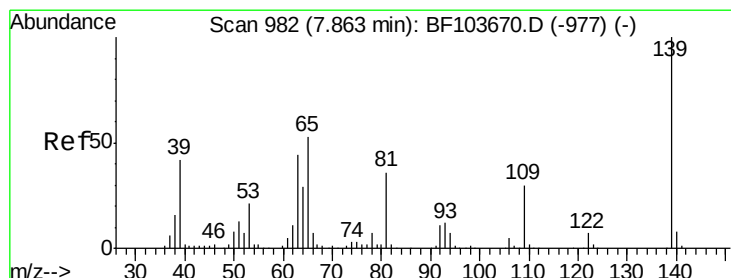
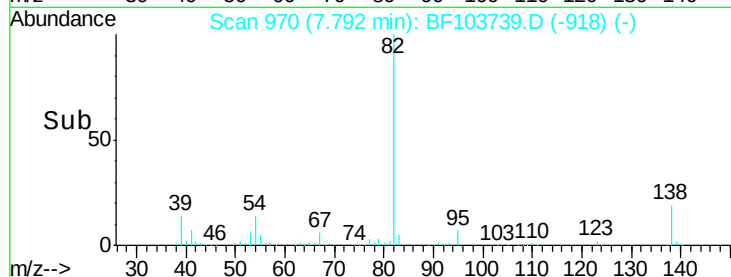
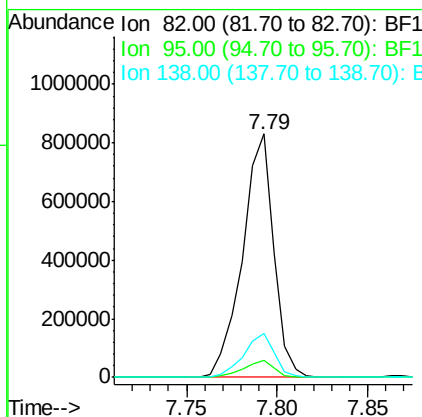
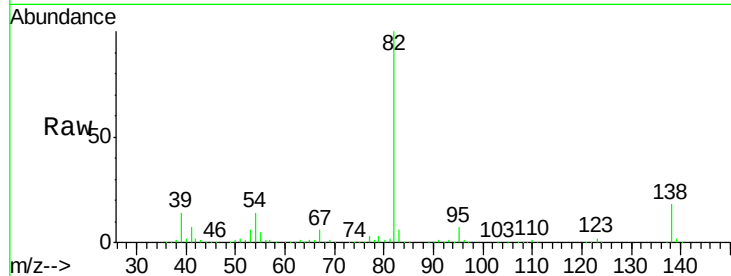
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	82	Resp:	991071
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.673 ng

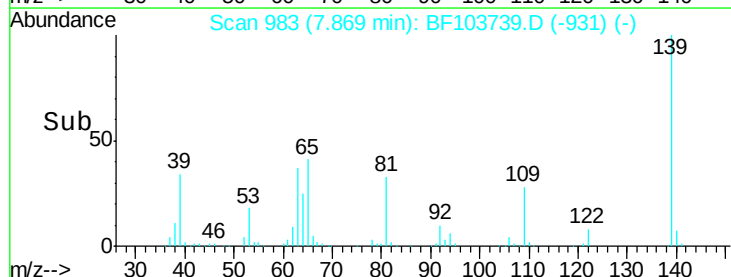
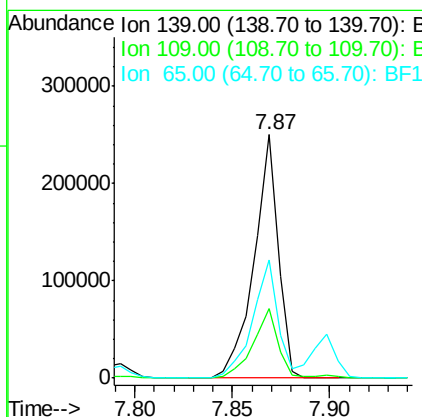
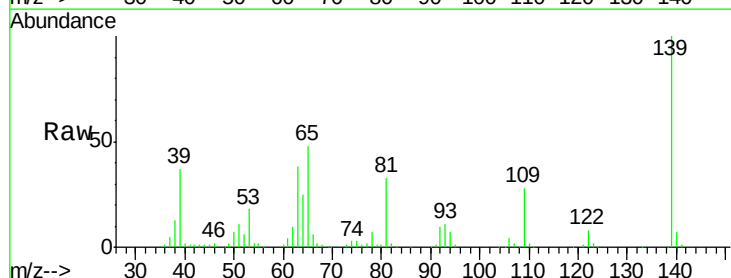
RT: 7.87 min Scan# 983

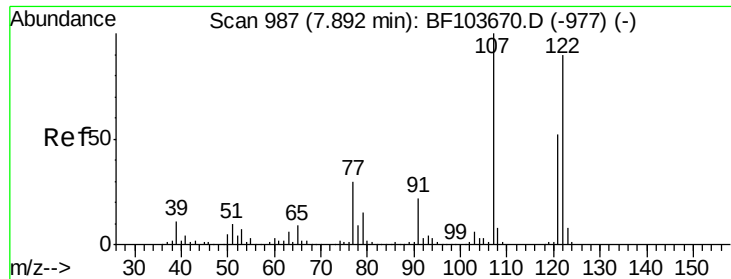
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	139	Resp:	215401
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	48.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 54.255 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

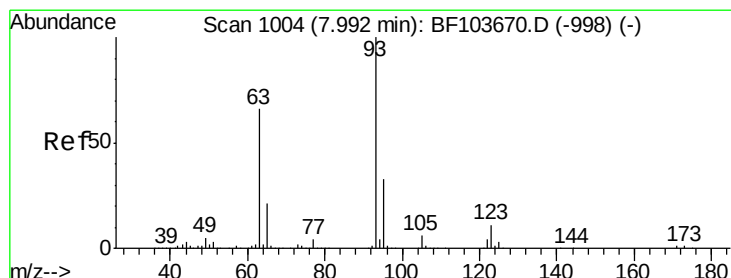
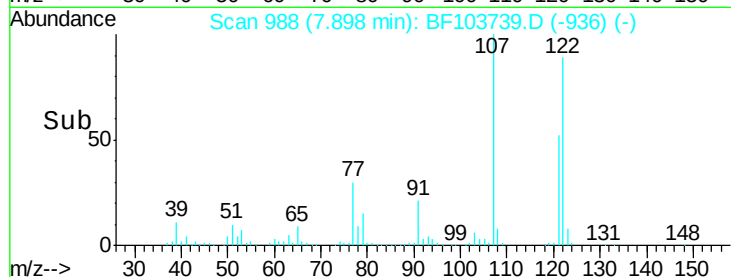
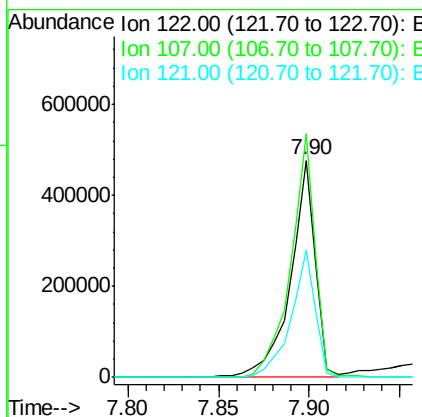
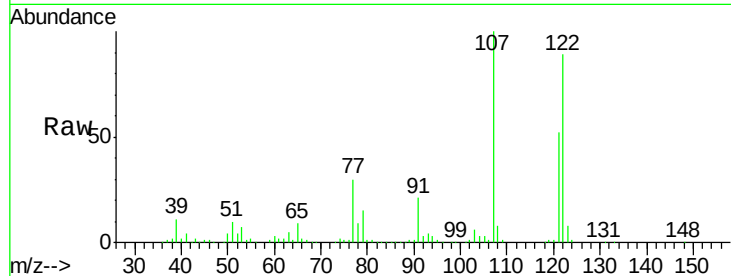
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	122	Resp:	460809
Ion Ratio	Lower	Upper	
122	100		
107	112.1	91.2	136.8
121	58.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 52.329 ng

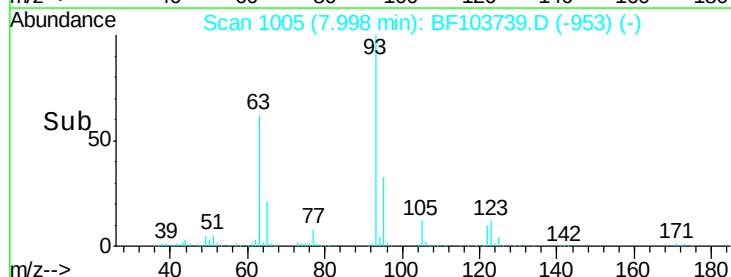
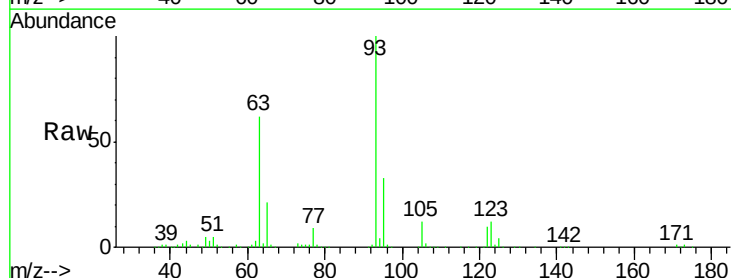
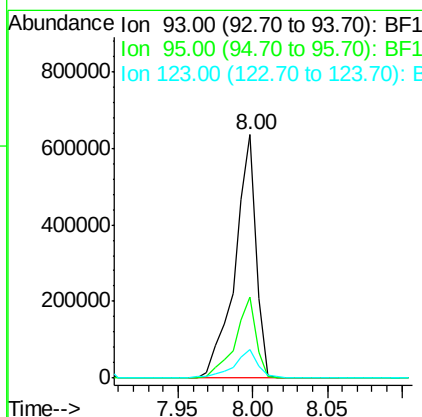
RT: 8.00 min Scan# 1005

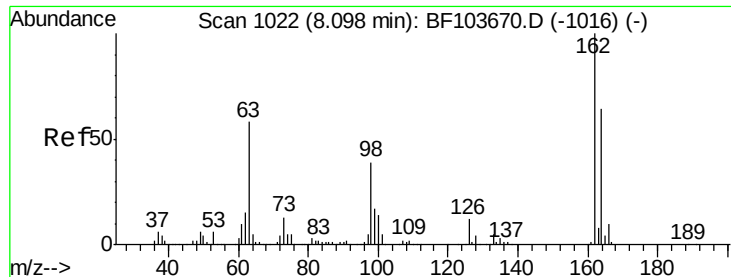
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	93	Resp:	628224
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.9	9.8	14.6





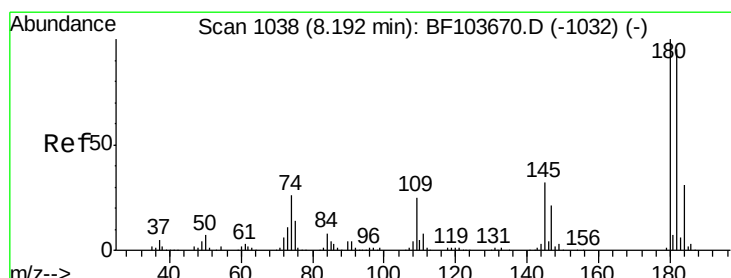
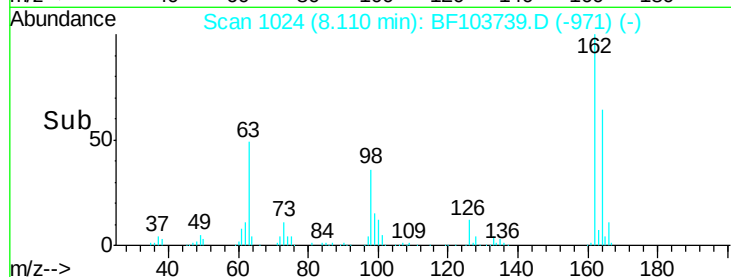
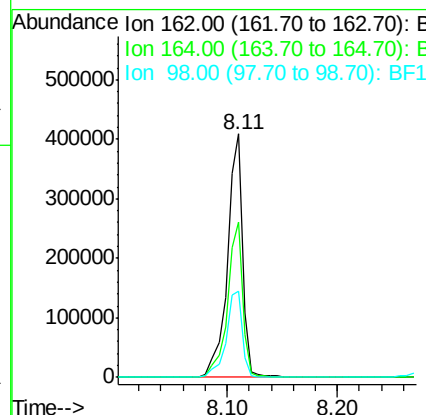
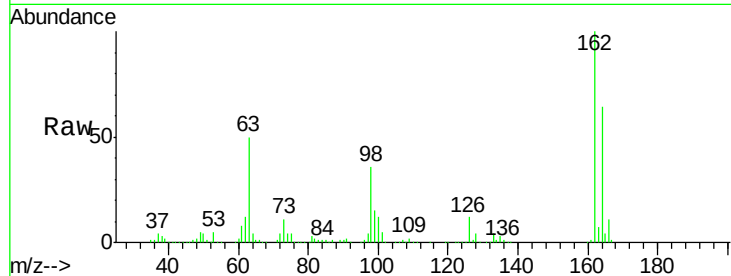
#29
2,4-Dichlorophenol
Concen: 51.195 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.6	18.1	58.1

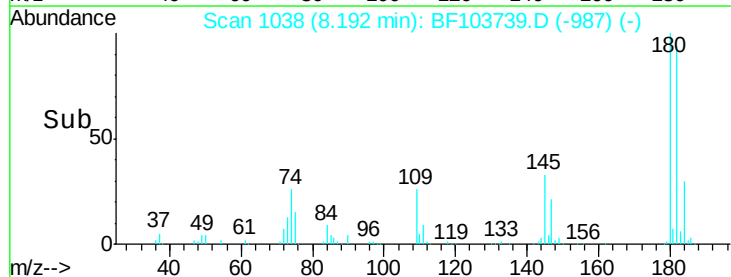
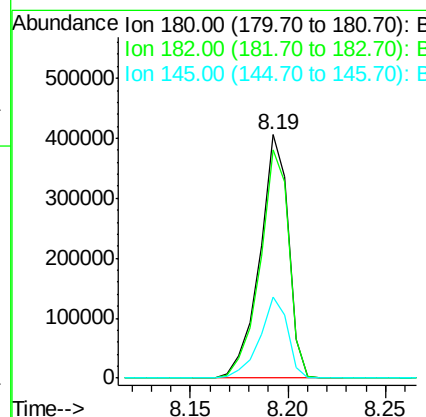
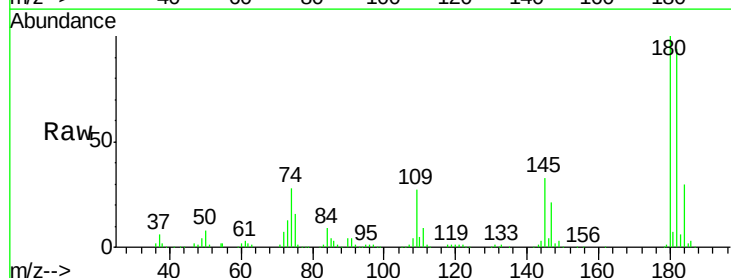
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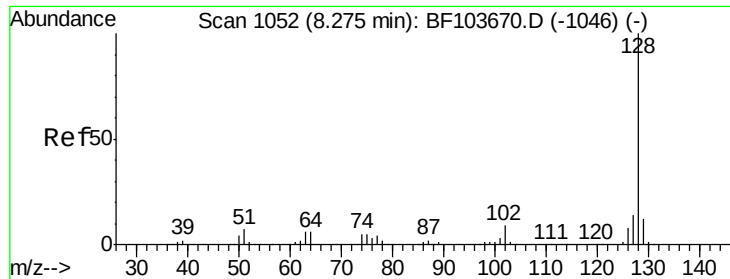
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#30
1,2,4-Trichlorobenzene
Concen: 45.957 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	76.8	115.2
145	33.1	26.5	39.7





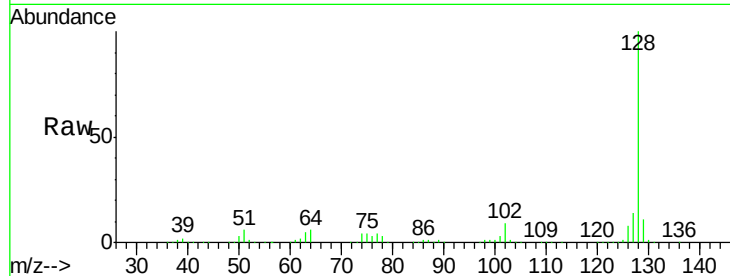
#31
Naphthalene
Concen: 48.158 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

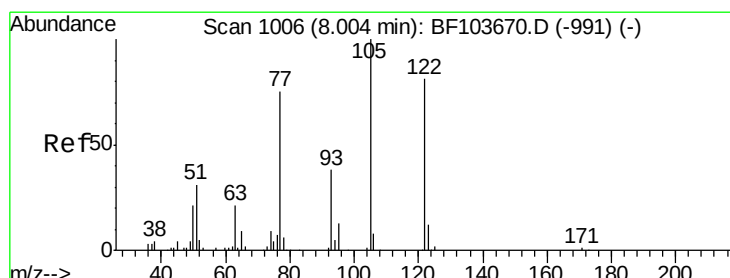
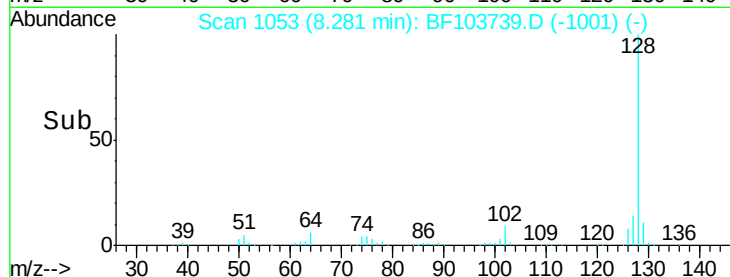
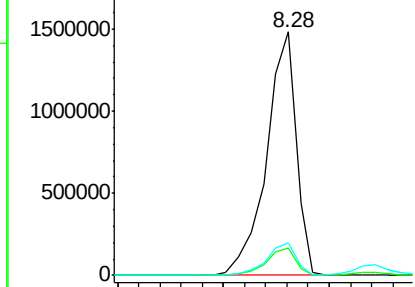
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.9	16.3

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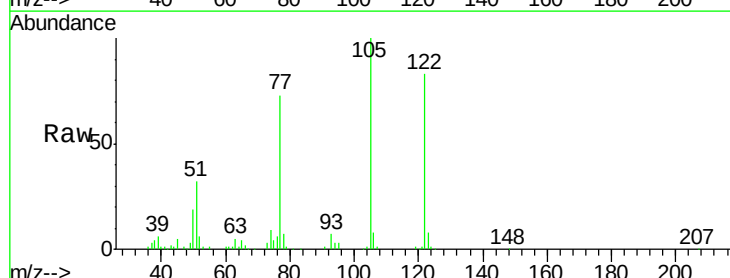


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

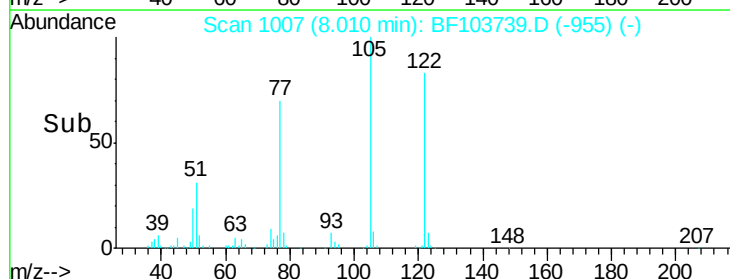
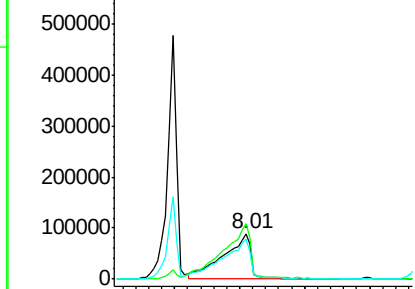


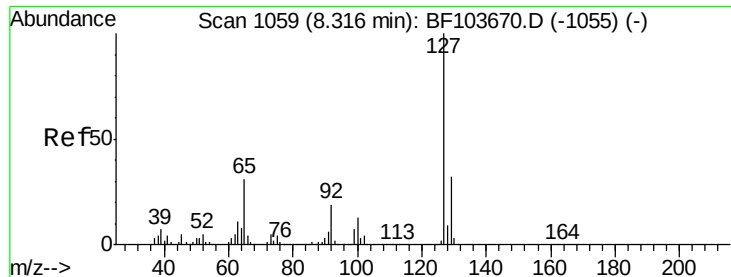
#32
Benzoic acid
Concen: 44.717 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.1	141.1
77	88.1	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





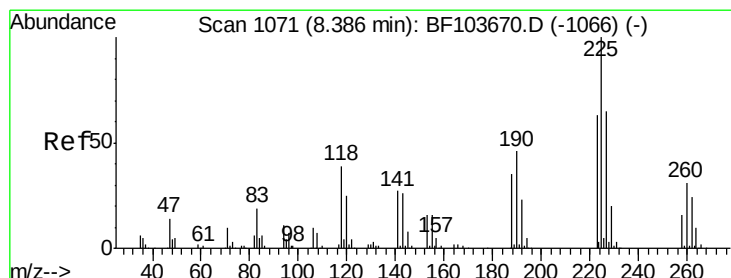
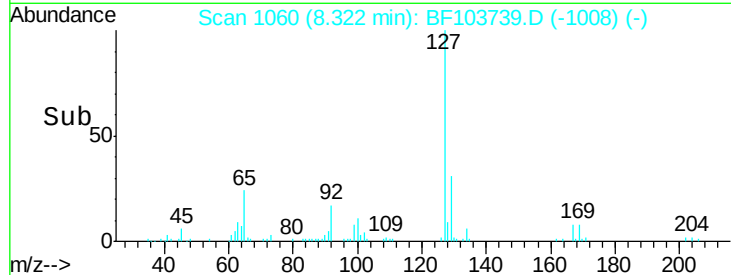
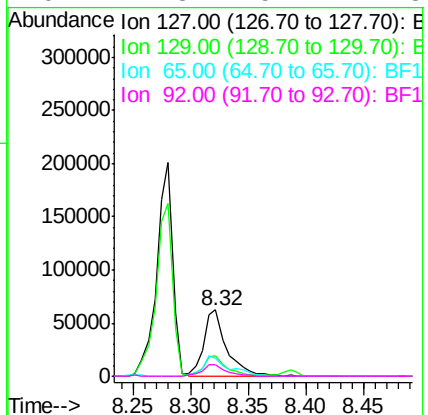
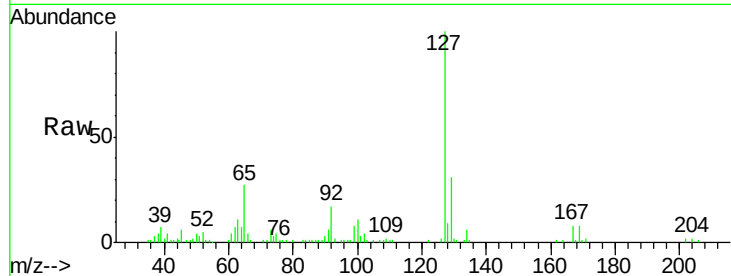
#33
 4-Chloroaniline
 Concen: 6.888 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		87187		
129	30.9	25.9	38.9		
65	27.3	25.0	37.4		
92	17.3	15.2	22.8		

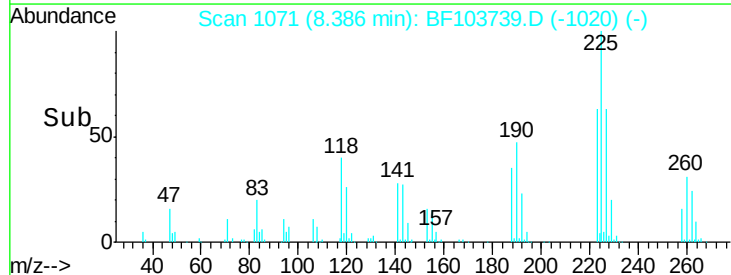
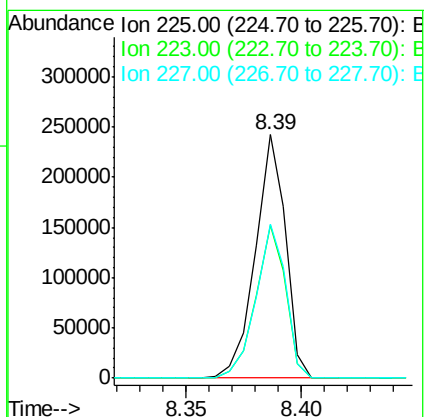
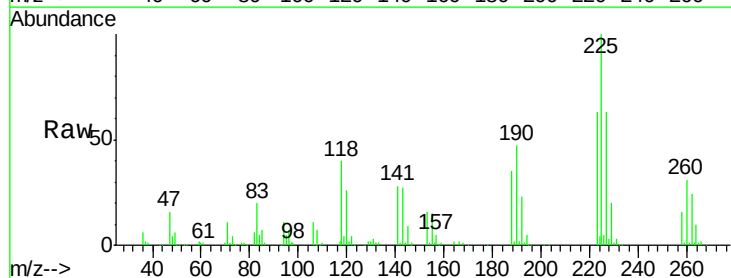
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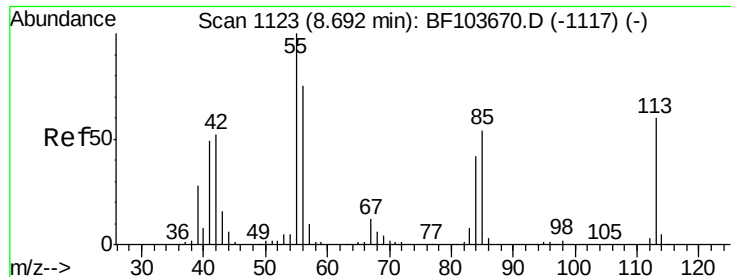
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#34
 Hexachlorobutadiene
 Concen: 45.101 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		221618		
223	62.8	50.6	76.0		
227	63.2	51.9	77.9		





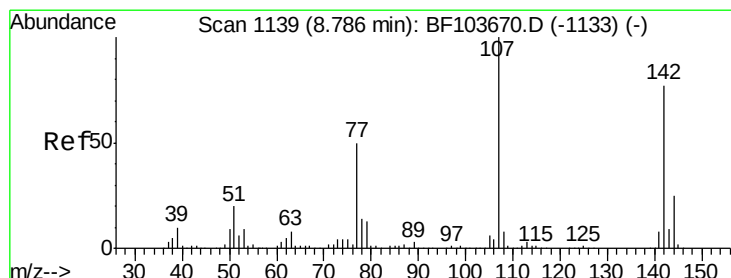
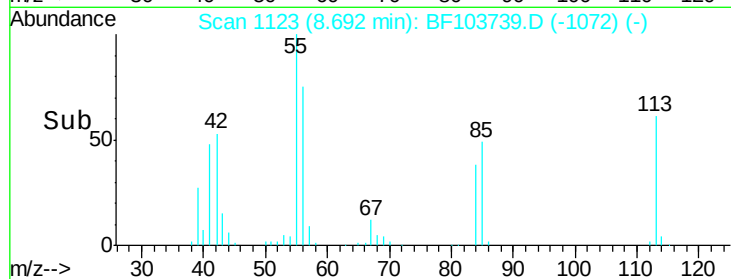
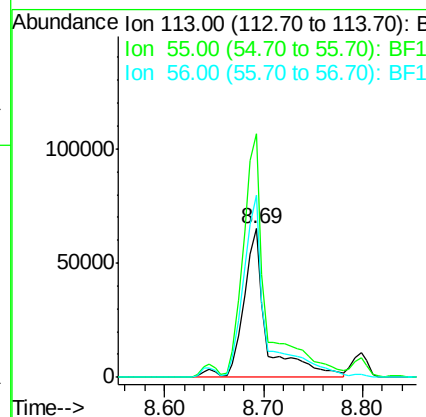
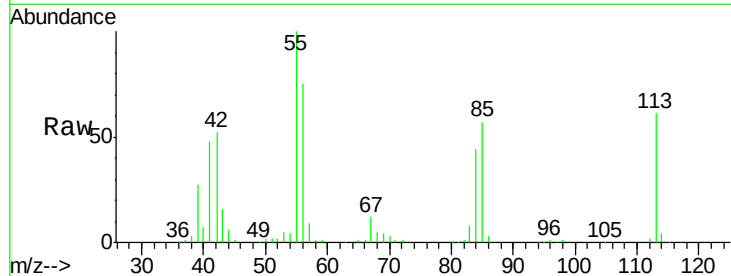
#35
 Caprolactam
 Concen: 40.138 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.0	163.3	203.3
56	123.0	115.7	155.7

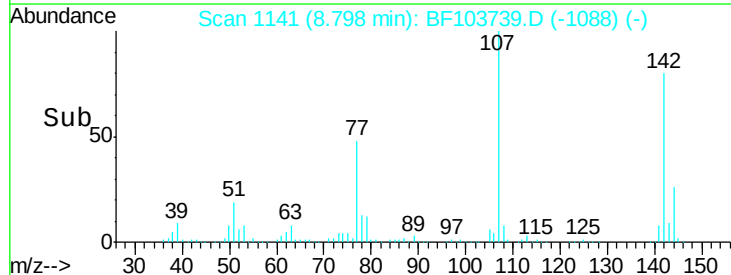
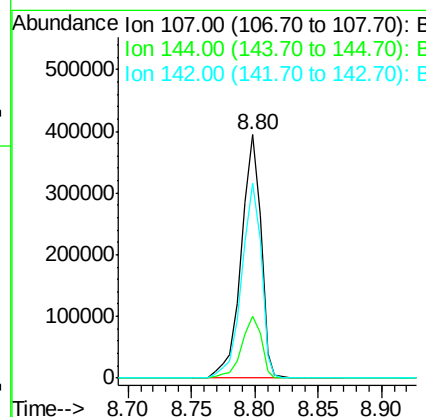
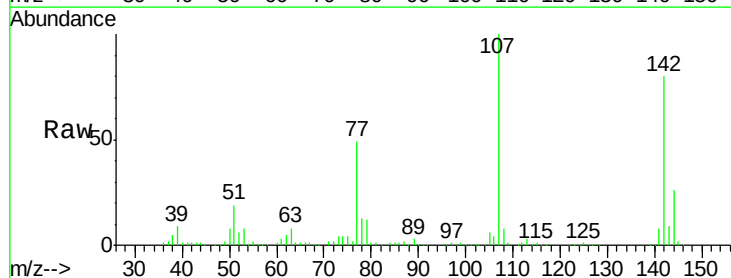
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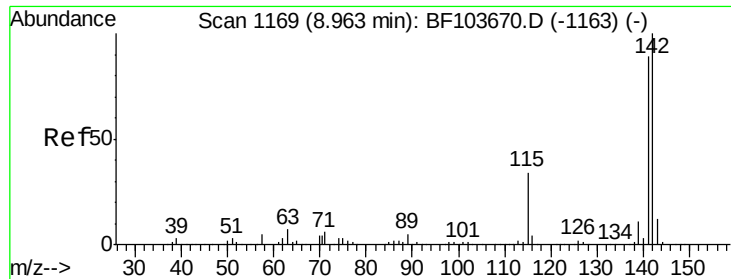
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#36
 4-Chloro-3-methylphenol
 Concen: 49.310 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	80.2	62.0	93.0





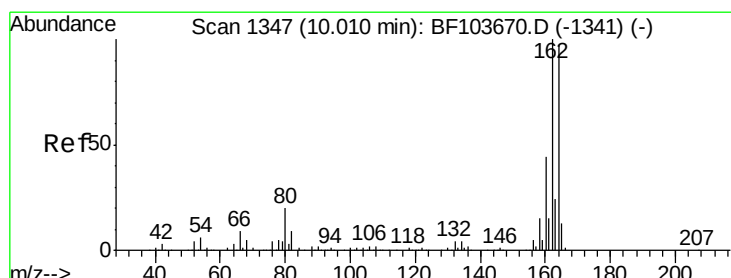
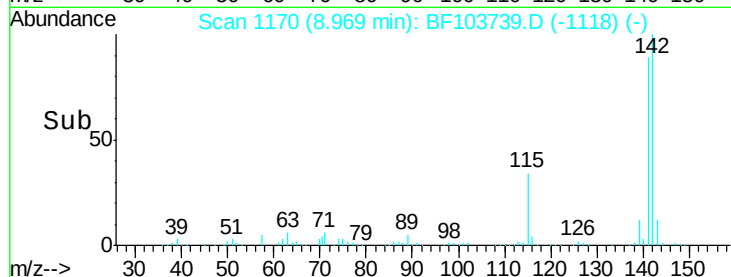
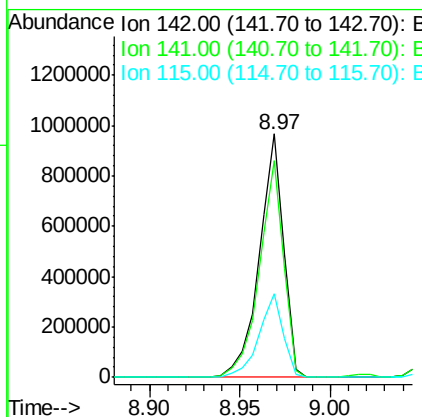
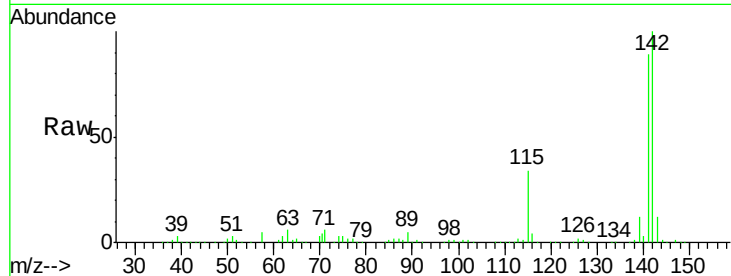
#37
2-Methylnaphthalene
Concen: 46.805 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.3	26.1	39.1

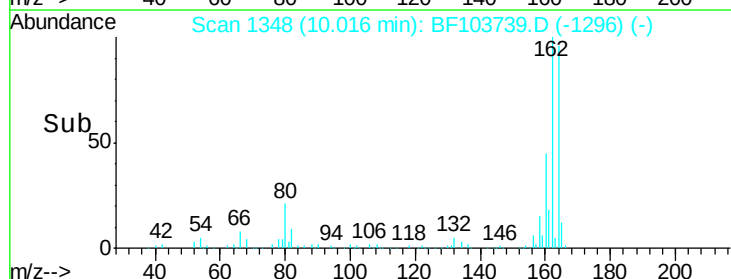
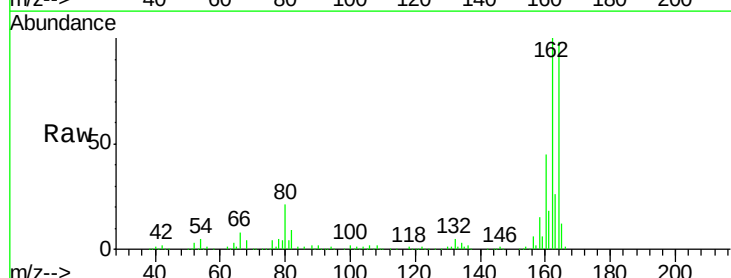
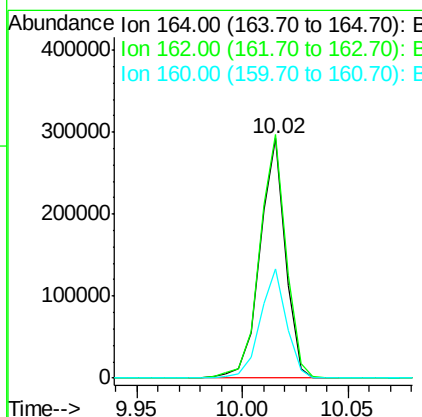
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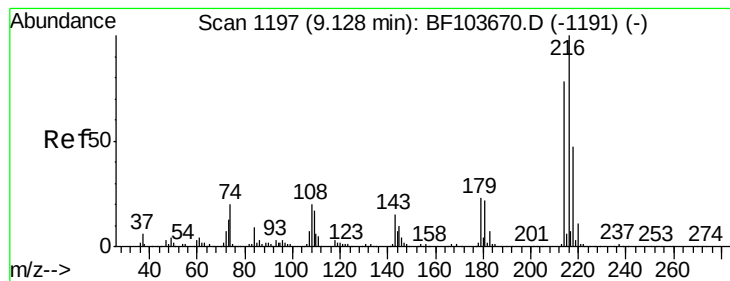
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.949 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

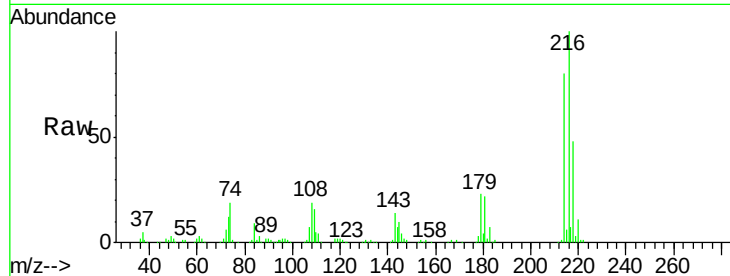
ClientSampleId :

HR-05-031518-AMSD

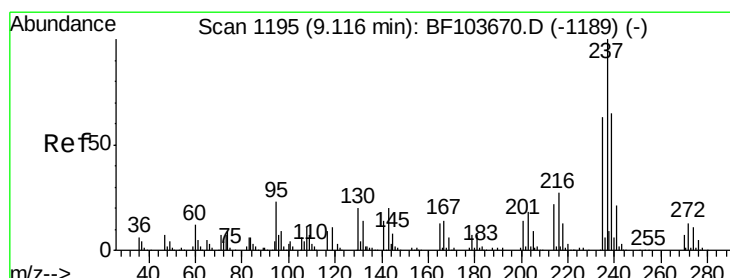
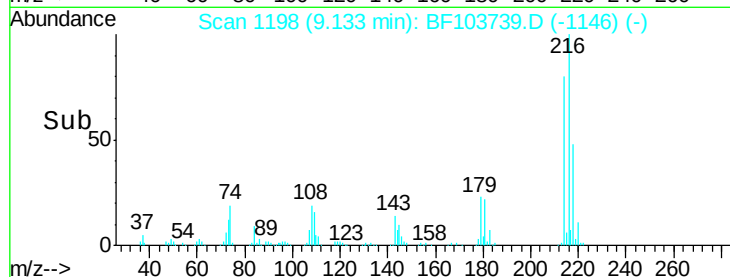
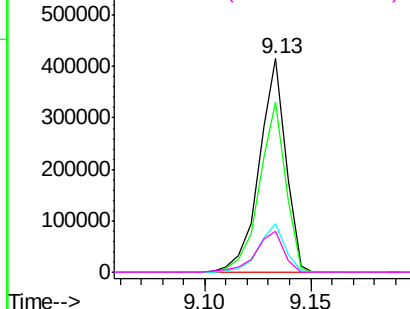
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		363686		
214	78.8		63.0	94.4	
179	22.6		18.1	27.1	
108	20.7		17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 24.790 ng

RT: 9.12 min Scan# 1195

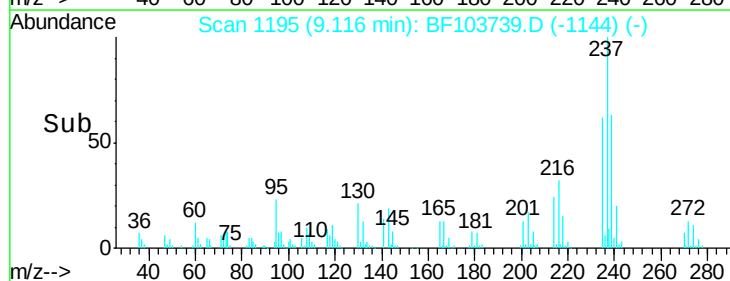
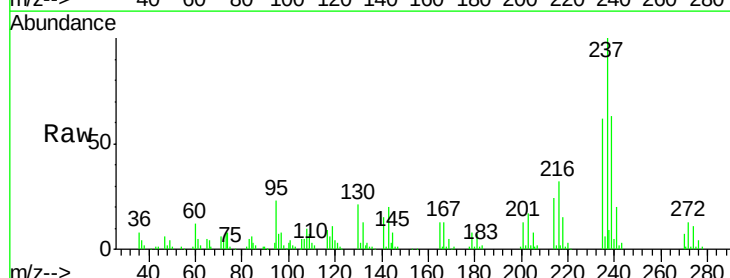
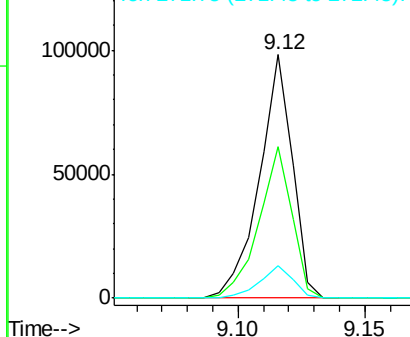
Delta R.T. 0.00 min

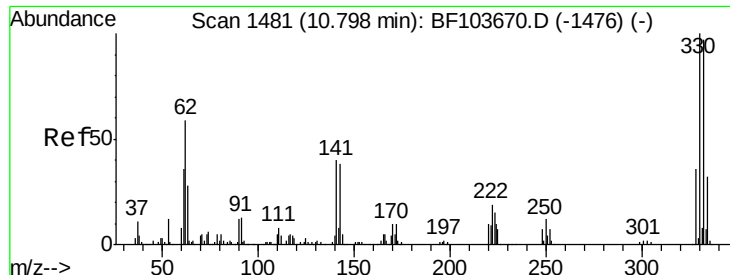
Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		89552		
235	62.0		44.8	84.8	
272	13.3		0.0	33.3	

Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





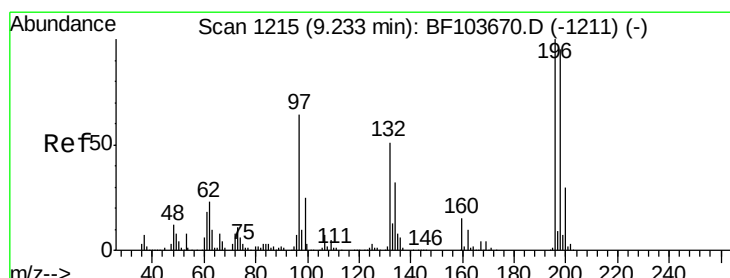
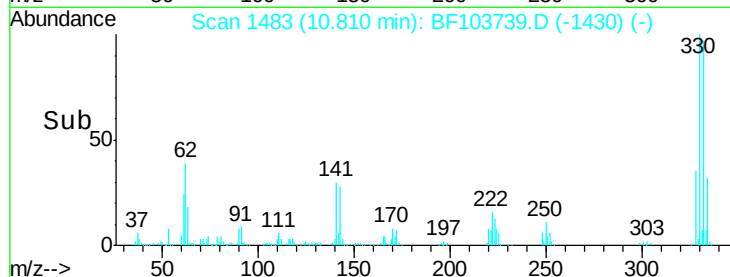
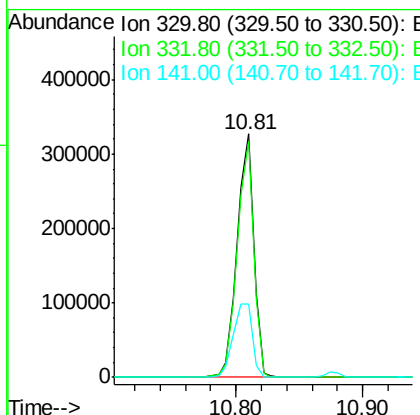
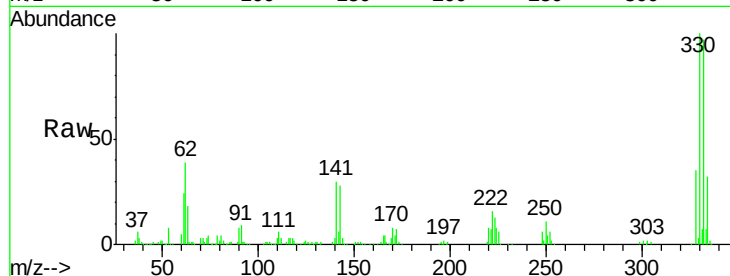
#41
 2,4,6-Tribromophenol
 Concen: 139.869 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	295111		
332	95.9	77.0	115.6	
141	34.8	29.9	44.9	

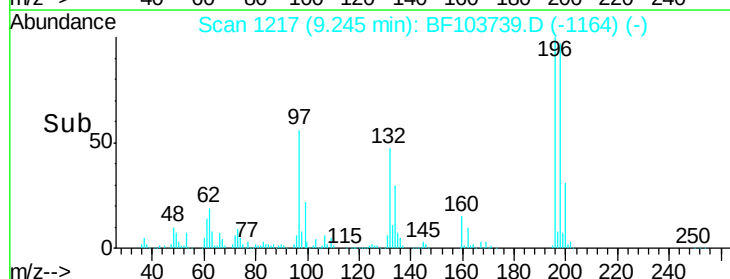
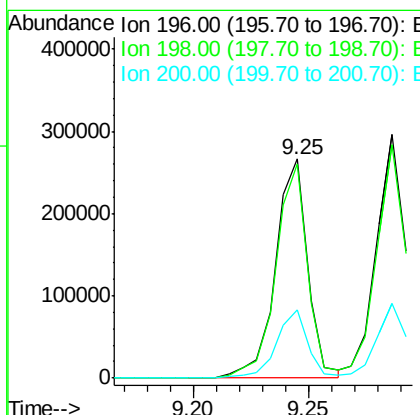
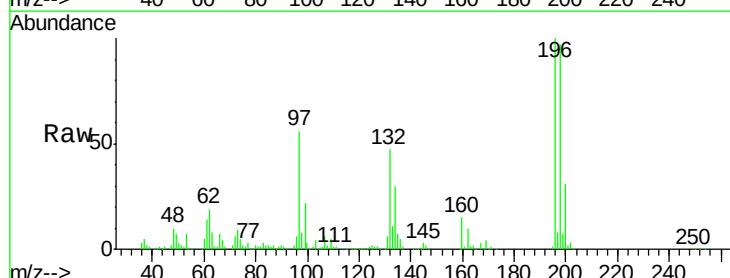
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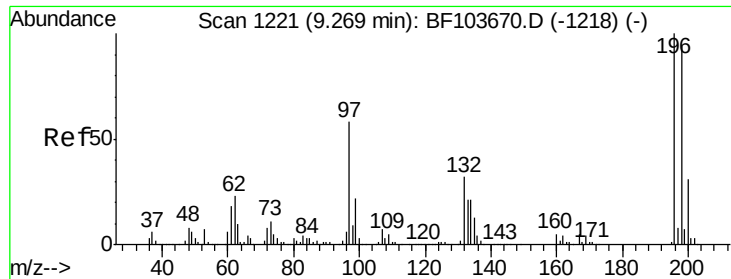
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#42
 2,4,6-Trichlorophenol
 Concen: 57.296 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256565		
198	97.5	75.7	113.5	
200	31.0	24.5	36.7	





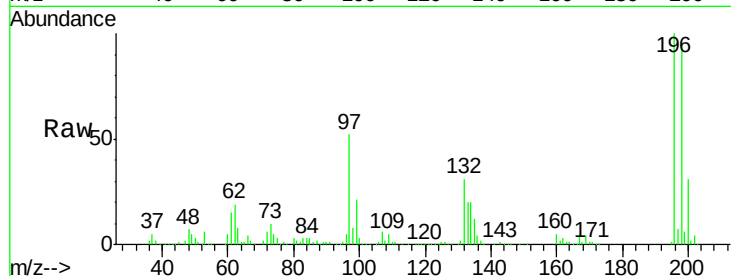
#43
 2,4,5-Trichlorophenol
 Concen: 50.824 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

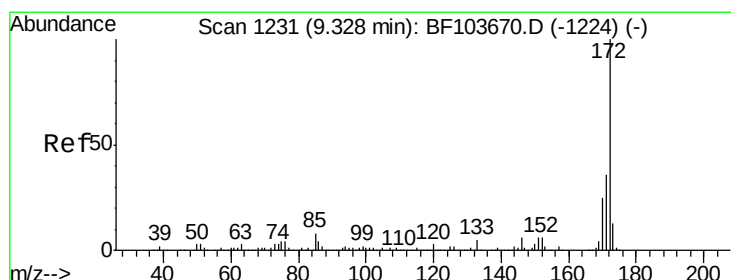
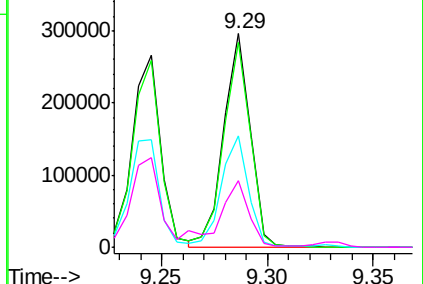
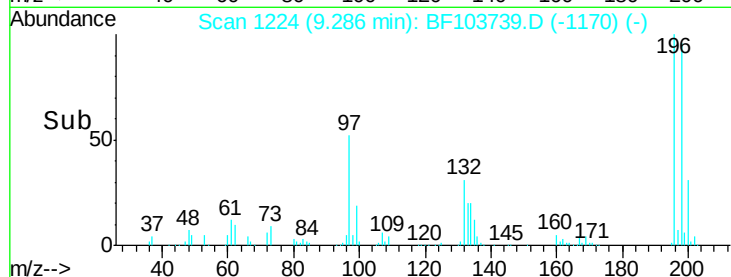
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		256874		
198	96.0		74.6	112.0	
97	52.2		42.9	64.3	
132	31.1		26.3	39.5	

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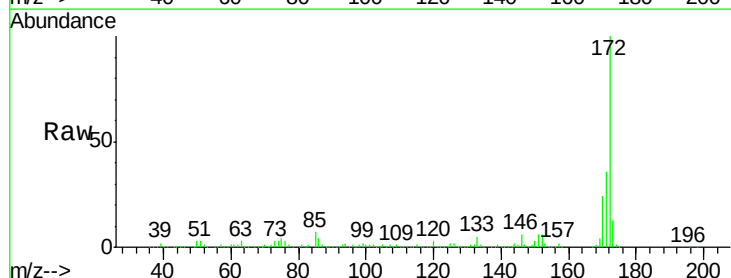


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

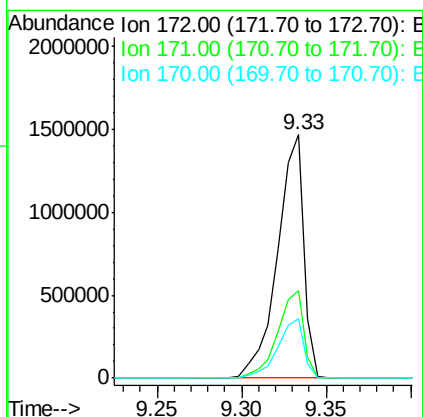
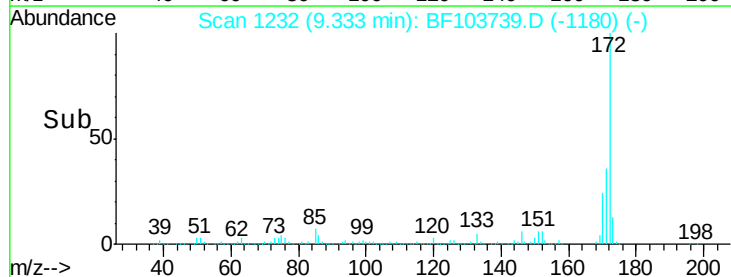


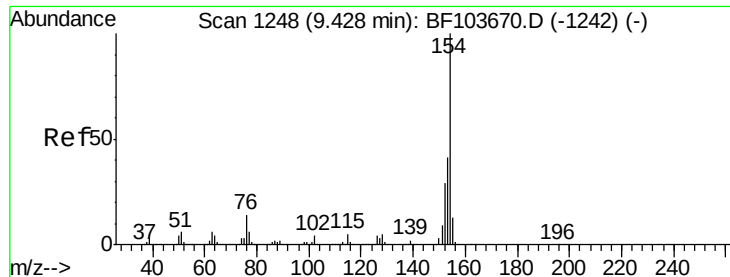
#44
 2-Fluorobiphenyl
 Concen: 103.286 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1588928		
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: 49.165 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion:154 Resp: 1006032

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

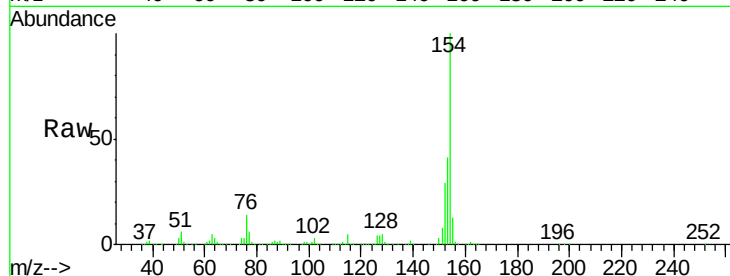
76 13.8 0.0 34.0

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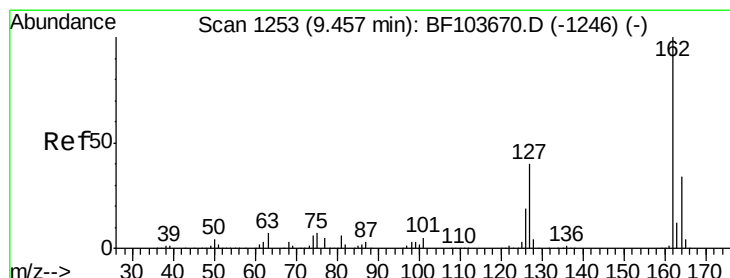
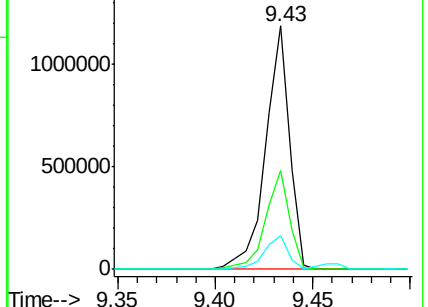
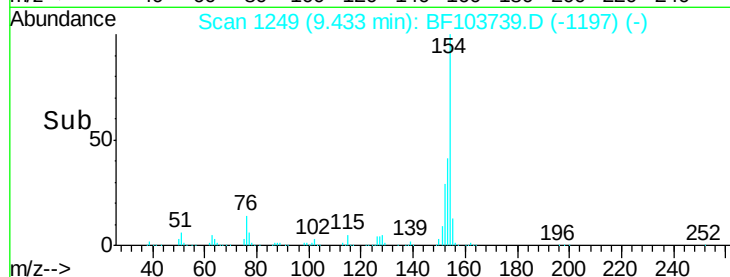
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 48.639 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

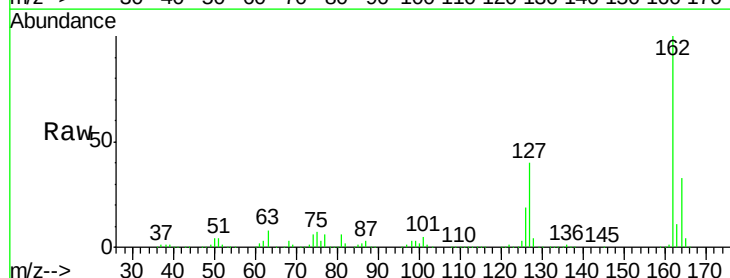
Tgt Ion:162 Resp: 790497

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

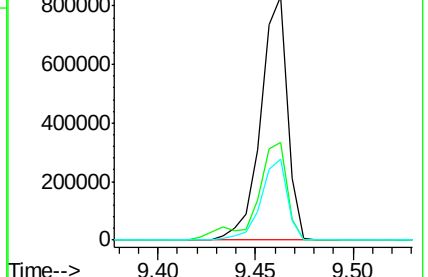
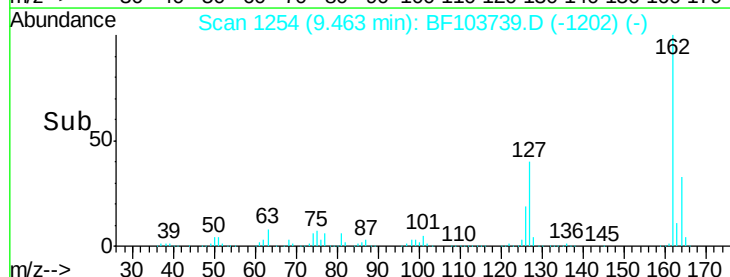
164 33.2 26.5 39.7

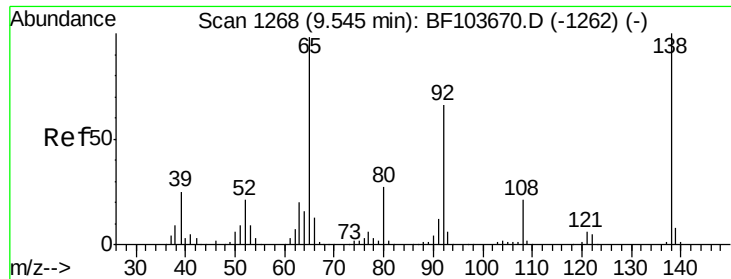


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





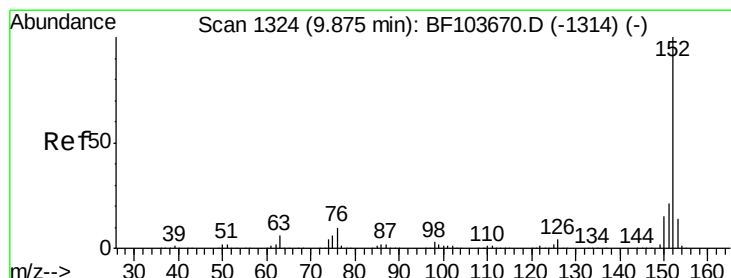
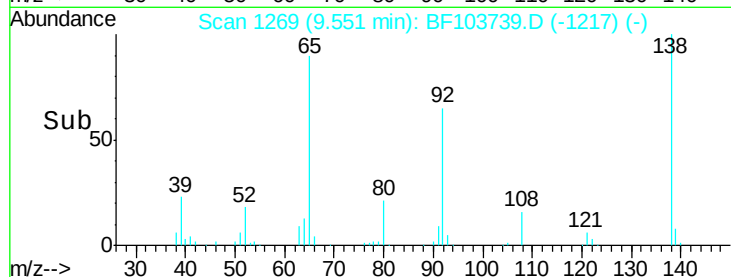
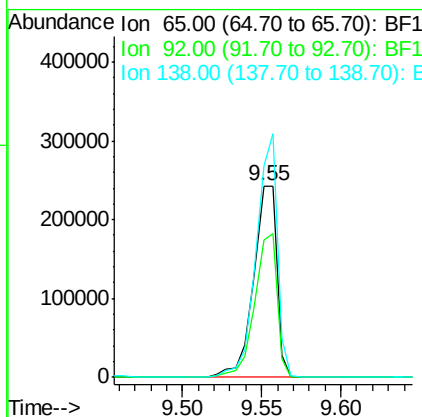
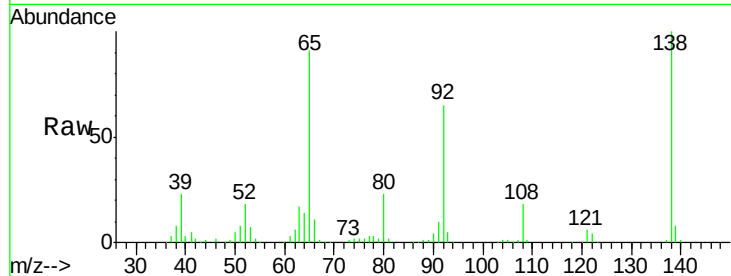
#47
2-Nitroaniline
Concen: 57.411 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.6	55.8	83.6
138	110.2	91.2	136.8

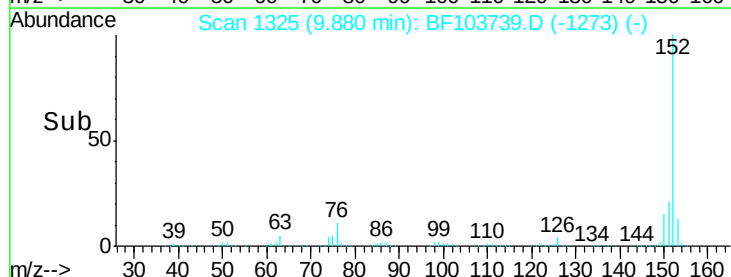
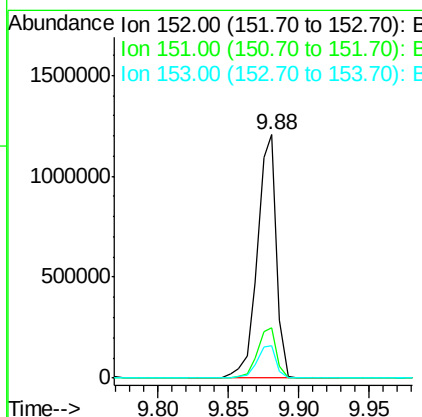
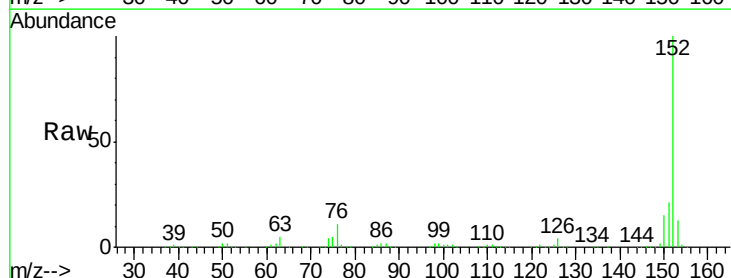
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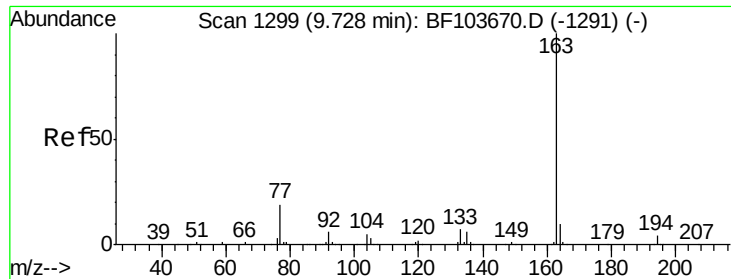
Sohil
3/19/2018 2:03:16 PM



#48
Acenaphthylene
Concen: 45.618 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1





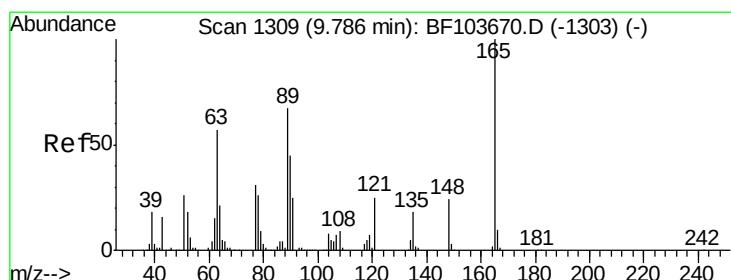
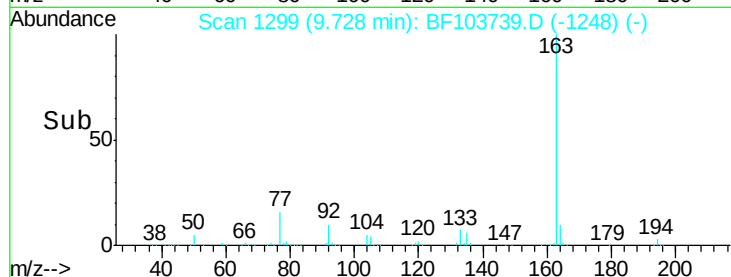
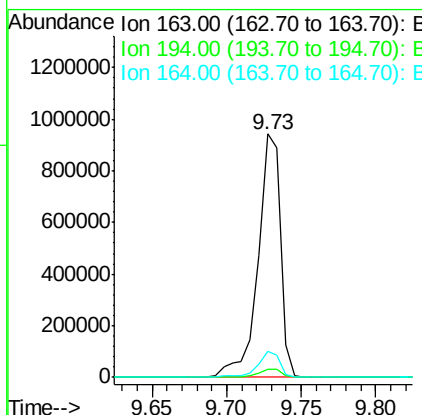
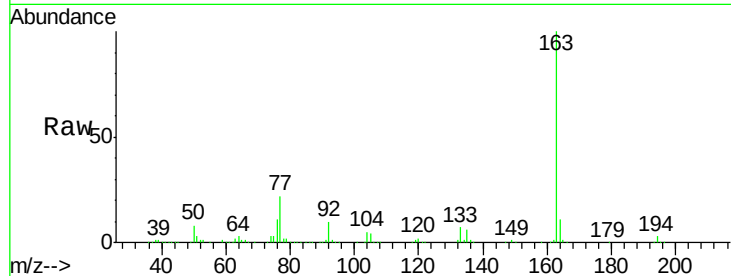
#49
Dimethylphthalate
Concen: 51.821 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.5	8.2	12.2	

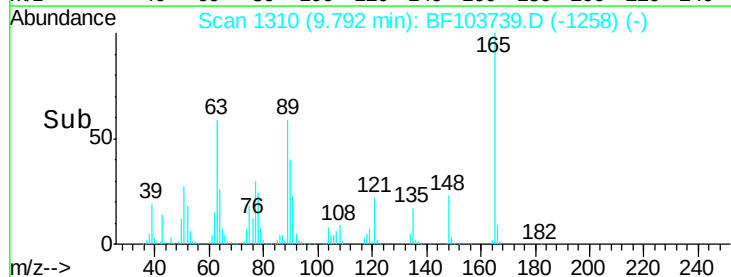
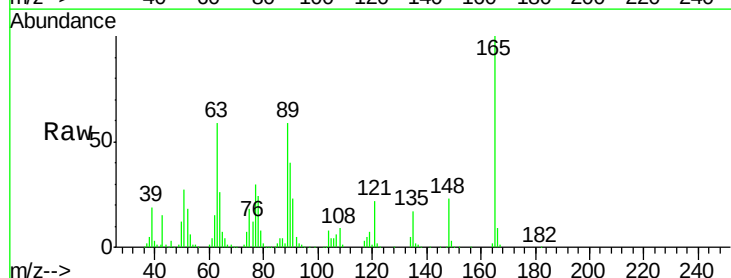
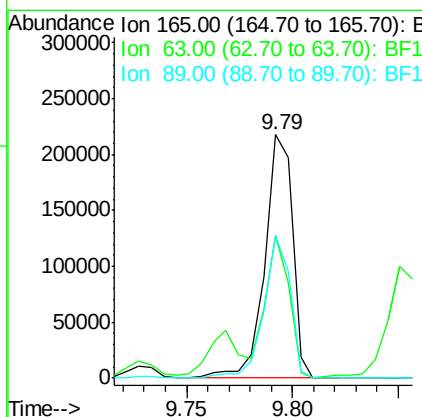
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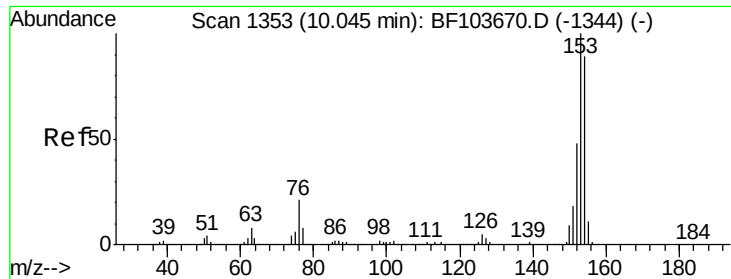
Sohil
3/19/2018 2:03:16 PM



#50
2,6-Dinitrotoluene
Concen: 54.279 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.7	44.7	67.1	
89	58.7	44.0	66.0	





#51

Acenaphthene

Concen: 46.083 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

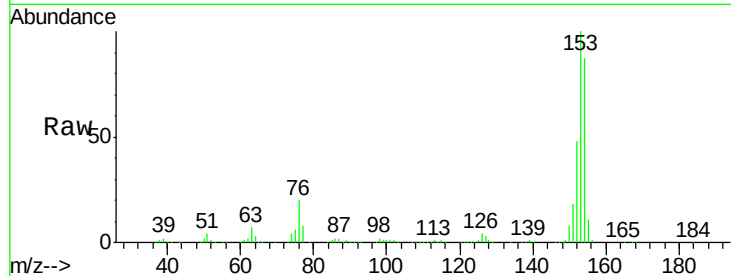
ClientSampleId :

HR-05-031518-AMSD

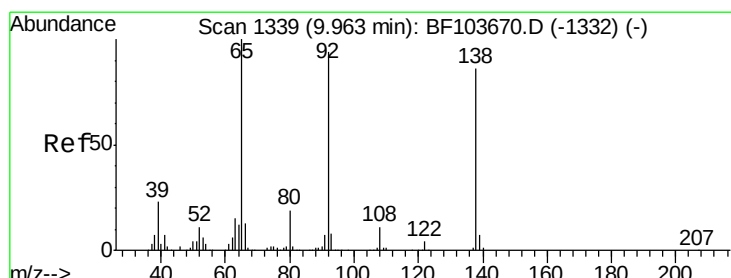
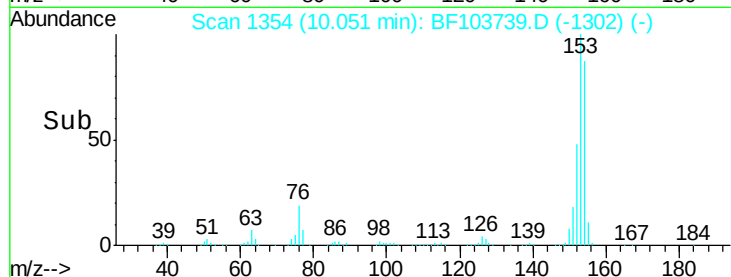
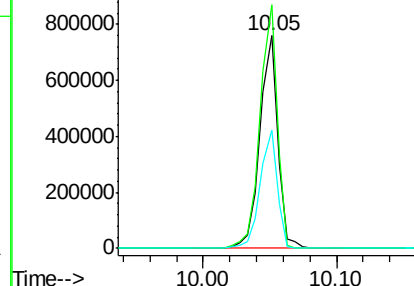
Tot Ion:	154	Resp:	689607
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	55.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.401 ng

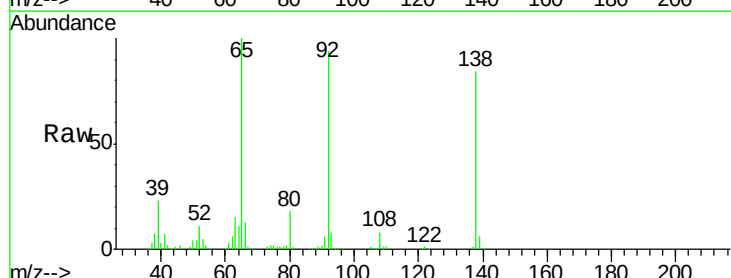
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

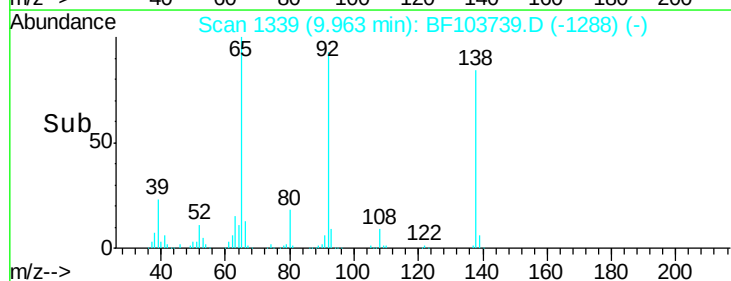
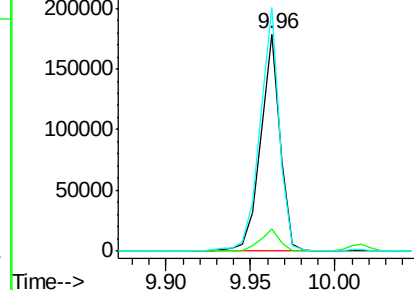
Lab File: BF103739.D

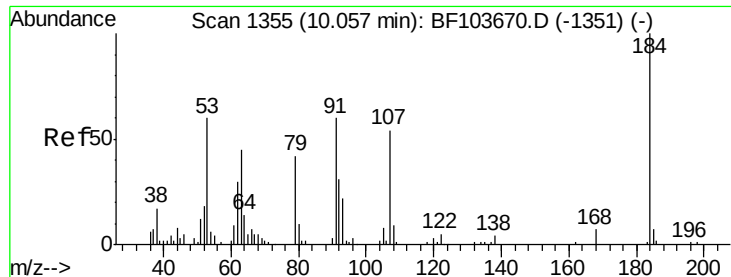
Acq: 17 Mar 2018 12:58

Tgt Ion:	138	Resp:	144226
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	112.1	89.4	134.2



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





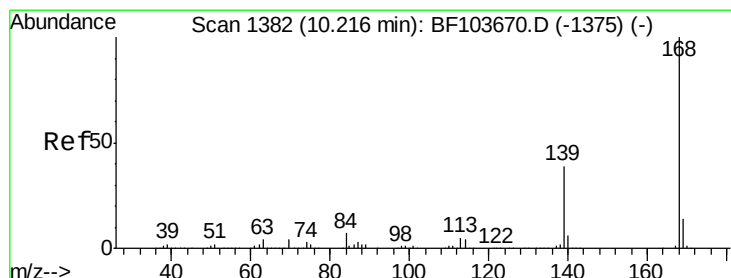
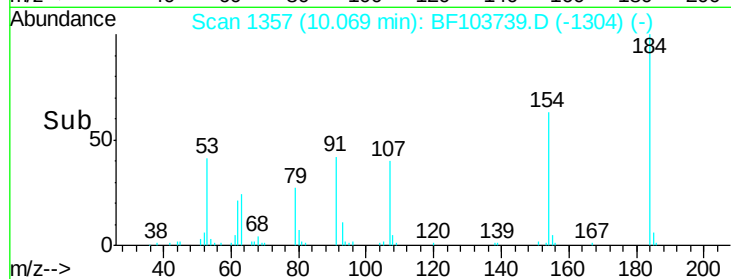
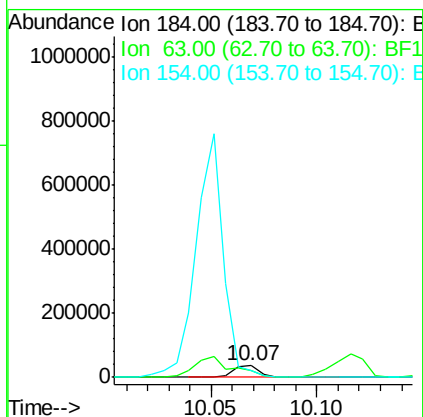
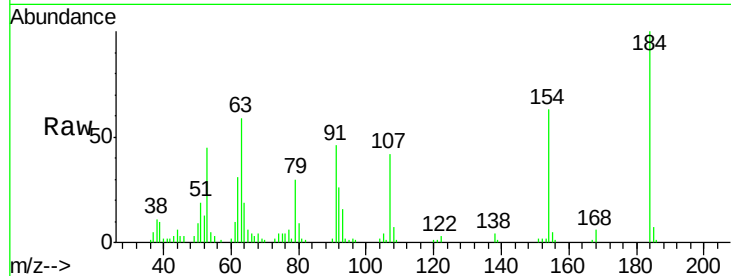
#53
2,4-Dinitrophenol
Concen: 43.793 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.1	54.2	81.2
154	63.5	184.0	276.0#

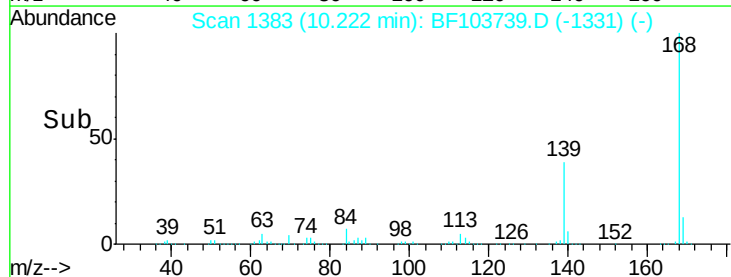
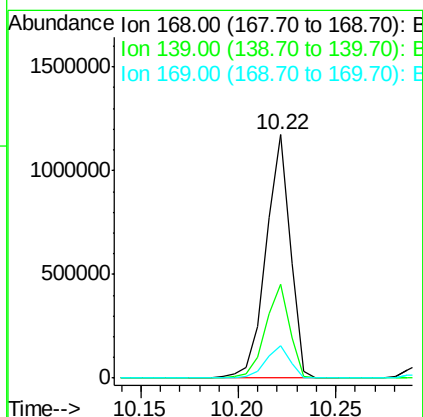
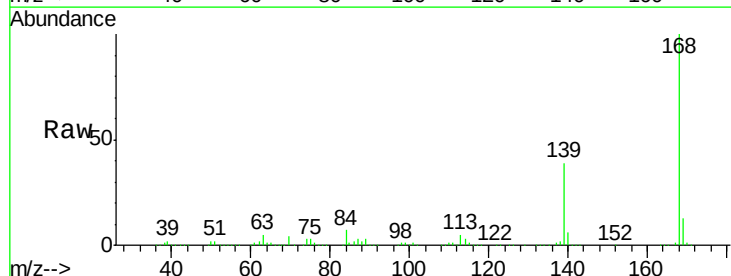
Manual Integrations
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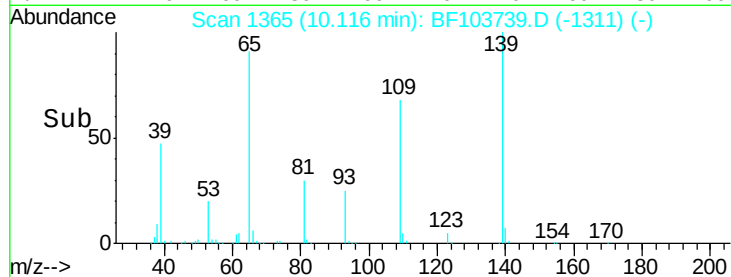
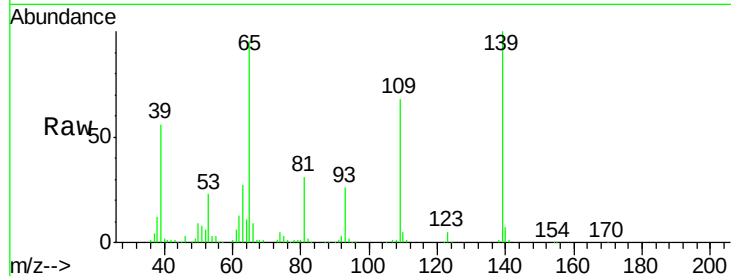
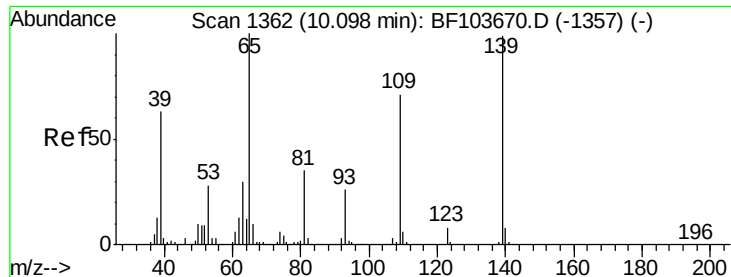
Sohil
3/19/2018 2:03:16 PM



#54
Dibenzofuran
Concen: 47.294 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.5	10.9	16.3





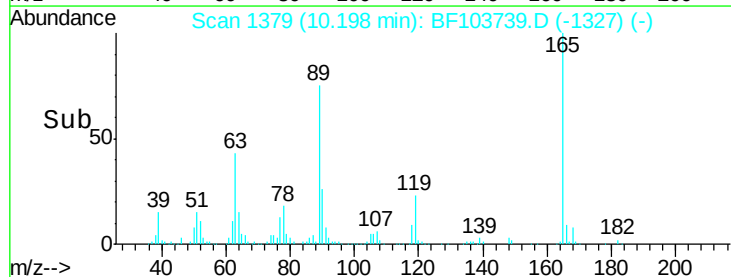
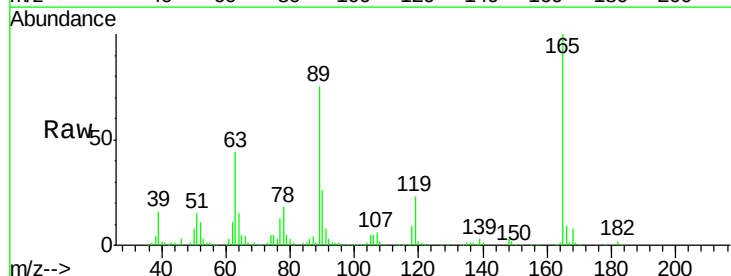
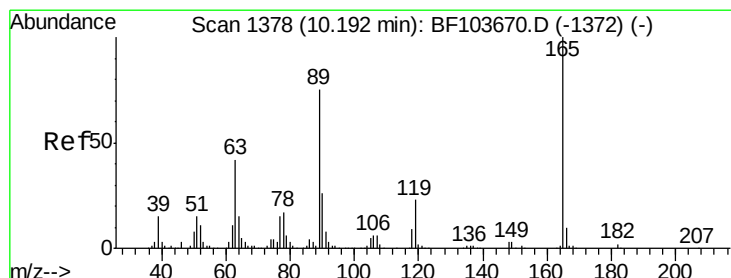
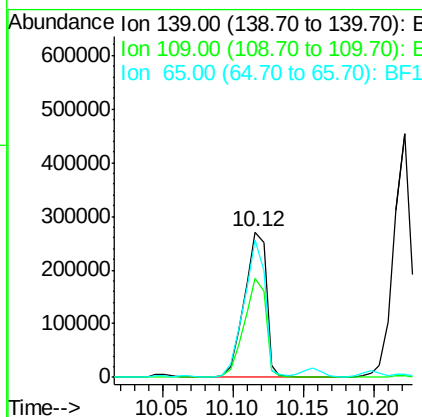
#55
4-Nitrophenol
Concen: 85.943 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	295937		
109	68.2	48.4	88.4	
65	94.7	72.6	112.6	

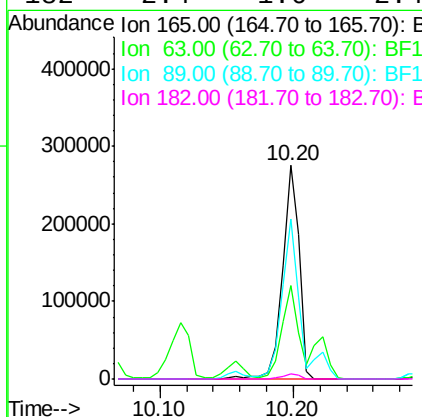
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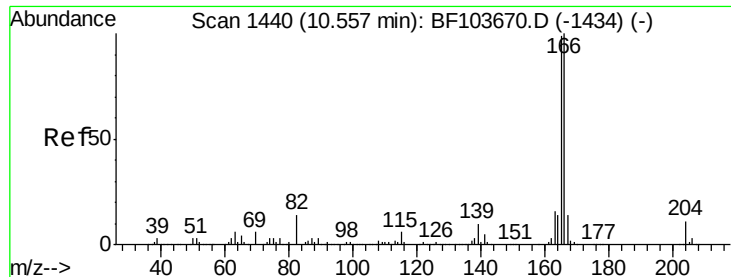
Sohil
3/19/2018 2:03:16 PM



#56
2,4-Dinitrotoluene
Concen: 52.075 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241721		
63	43.5	36.4	54.6	
89	74.7	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 44.188 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

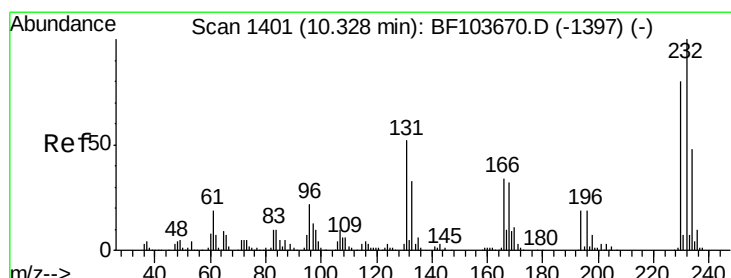
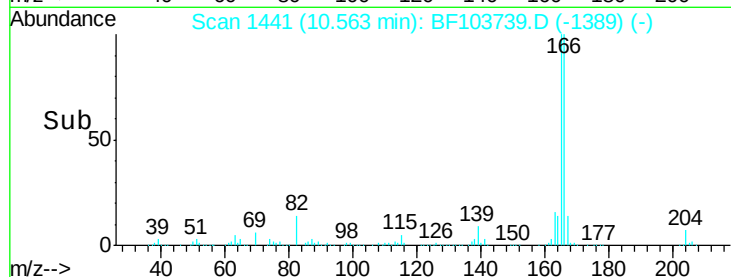
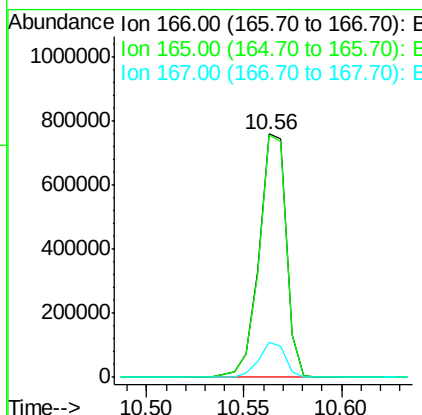
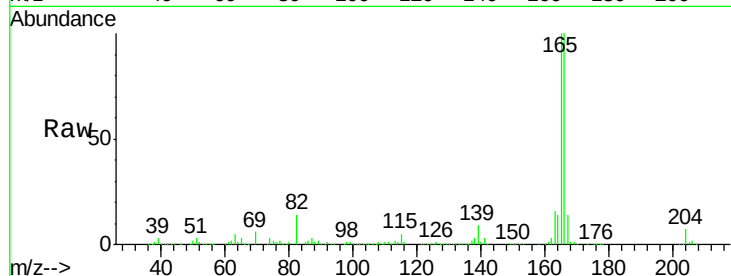
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	166	Resp:	732825
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	14.2	10.6	16.0

Manual Integrations
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Sohil
3/19/2018 2:03:16 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.040 ng

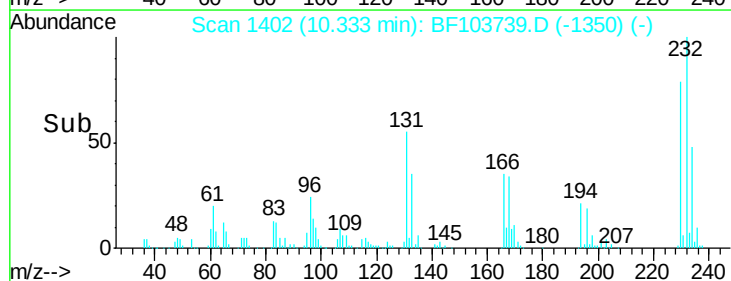
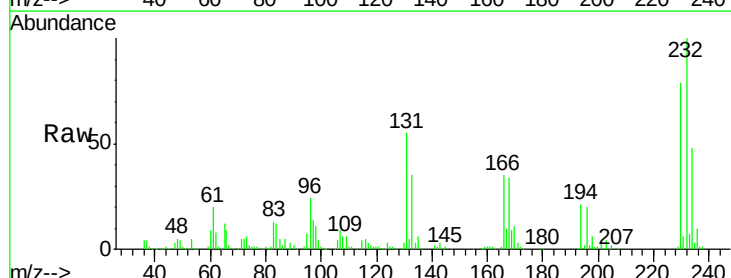
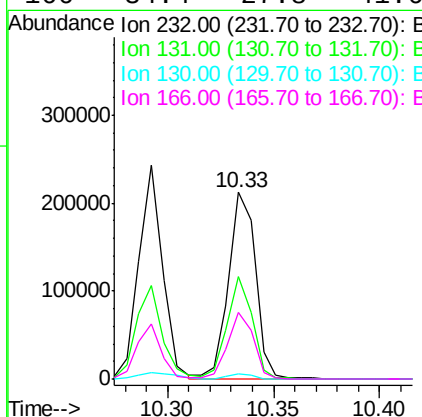
RT: 10.33 min Scan# 1402

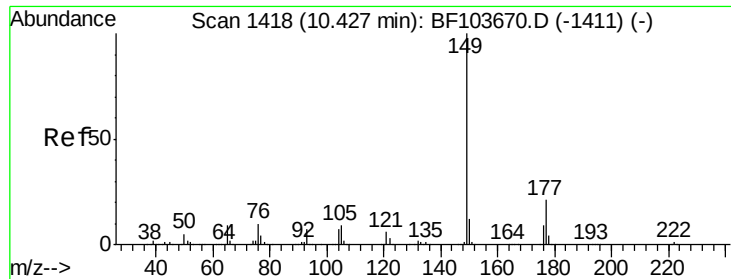
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	232	Resp:	186369
Ion Ratio	Lower	Upper	
232	100		
131	51.0	43.8	65.8
130	2.7	2.1	3.1
166	34.4	27.8	41.6





#59

Diethylphthalate

Concen: 48.837 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

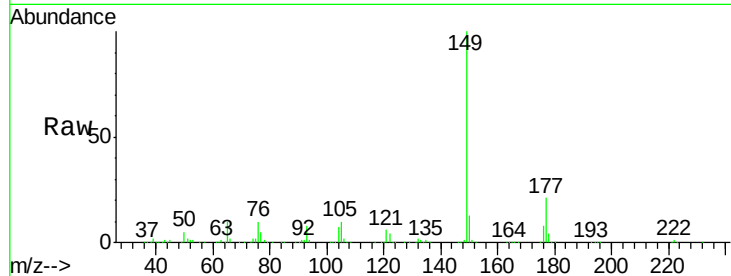
ClientSampleId :

HR-05-031518-AMSD

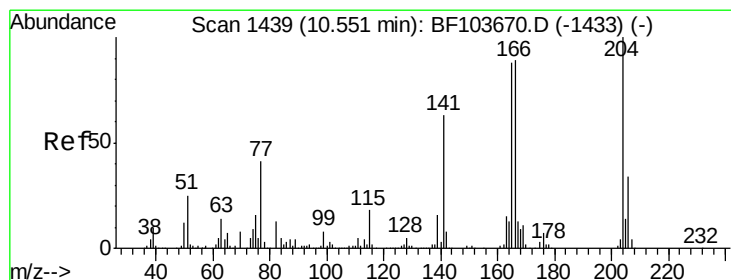
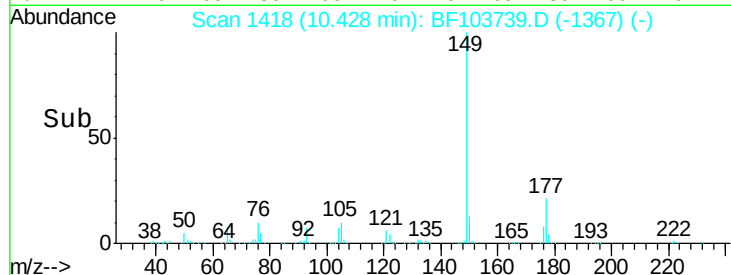
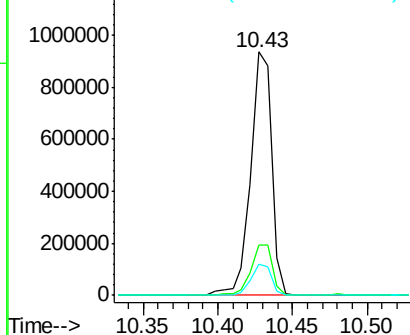
Tot Ion:	149	Resp:	907496
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.1	24.1
150	12.9	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 47.191 ng

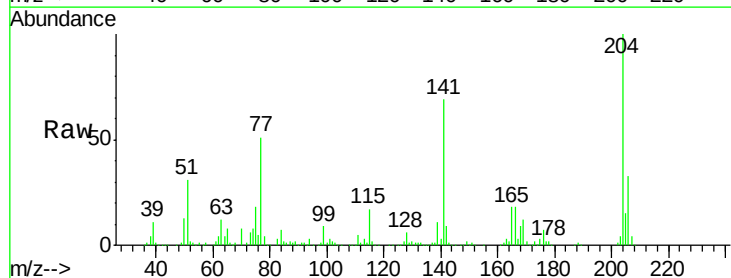
RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

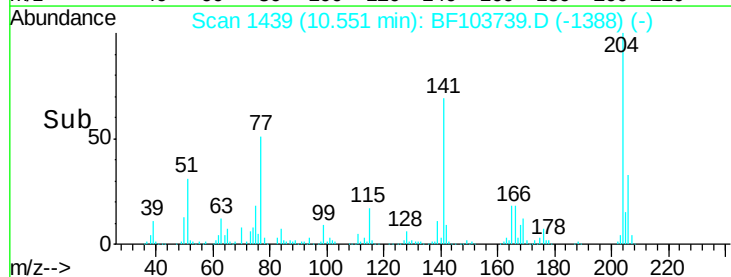
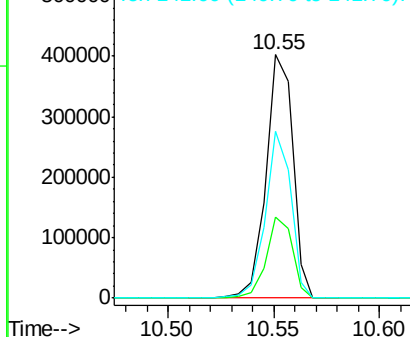
Lab File: BF103739.D

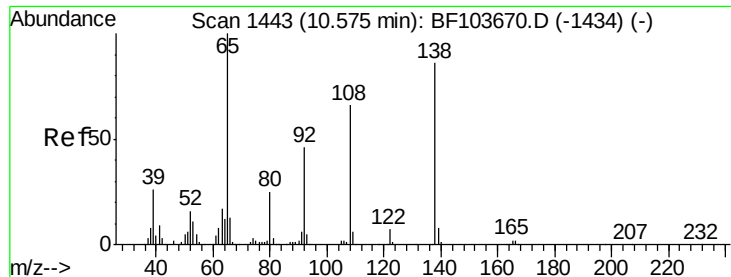
Acq: 17 Mar 2018 12:58

Tgt Ion:	204	Resp:	357678
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	68.7	54.6	81.8



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





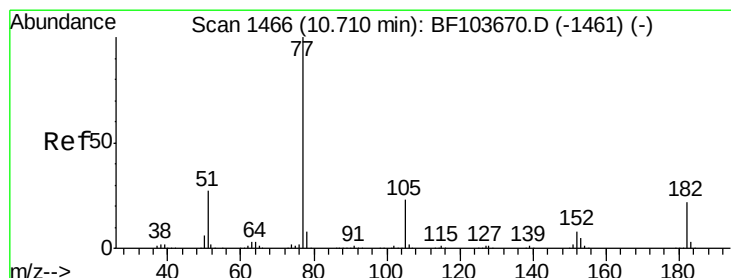
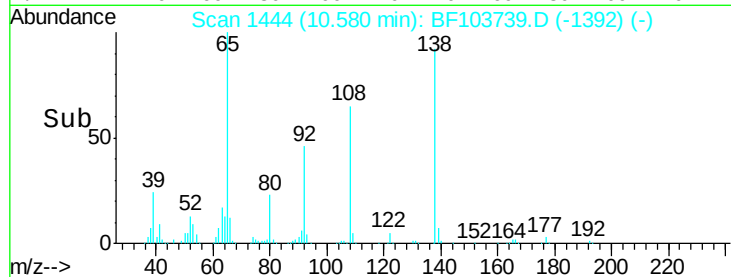
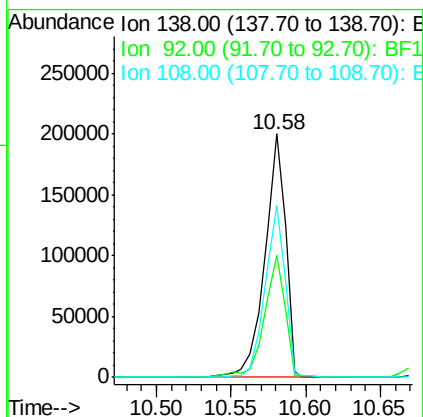
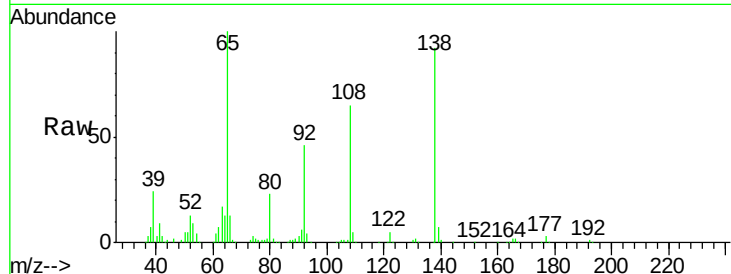
#61
4-Nitroaniline
Concen: 45.677 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	70.8	52.5	92.5

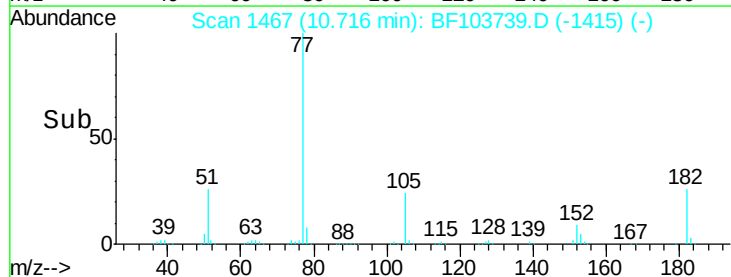
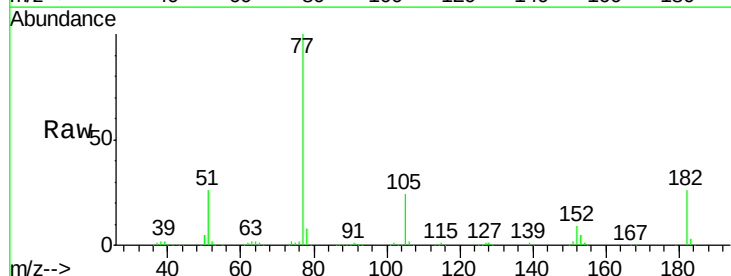
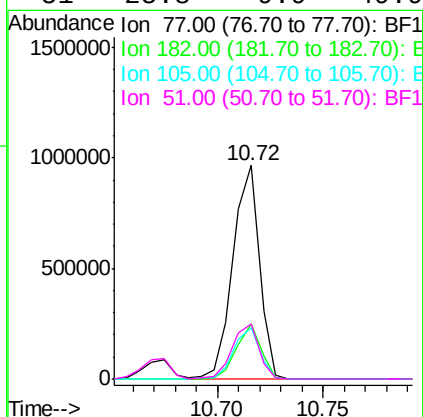
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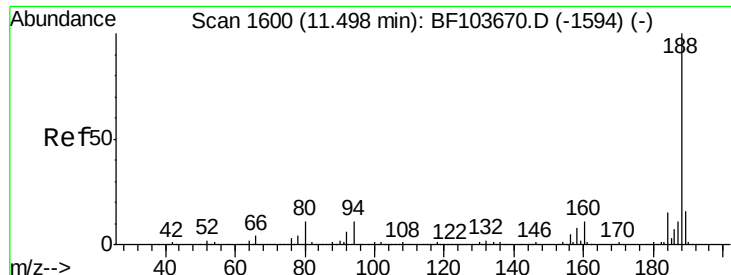
Sohil
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#62
Azobenzene
Concen: 44.085 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	1.7	41.7
105	24.2	3.0	43.0
51	25.8	9.9	49.9





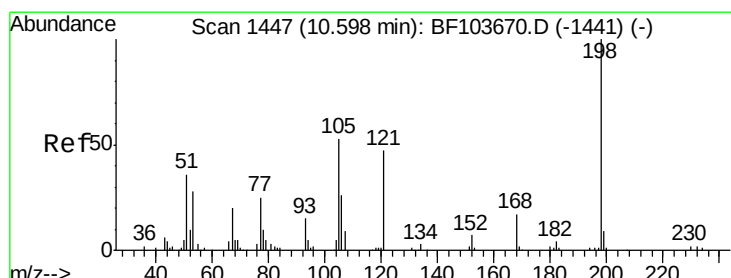
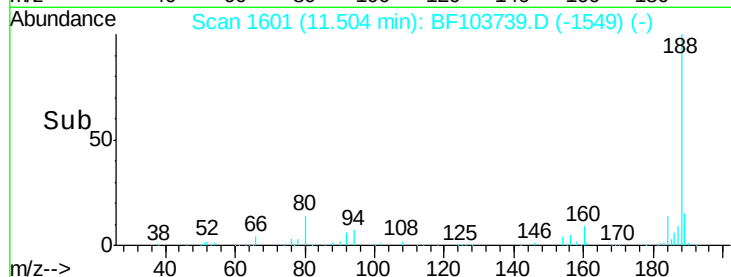
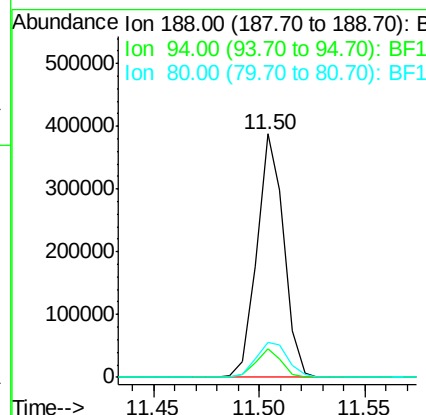
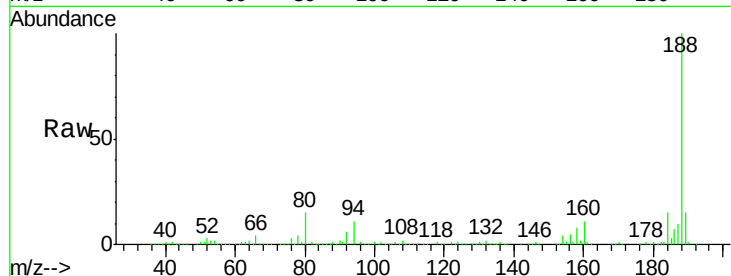
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	8.5	12.7
80	14.6	9.2	13.8

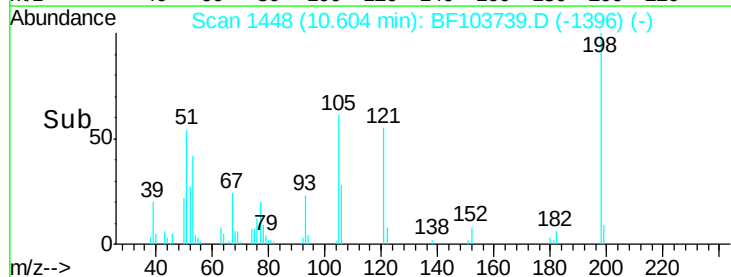
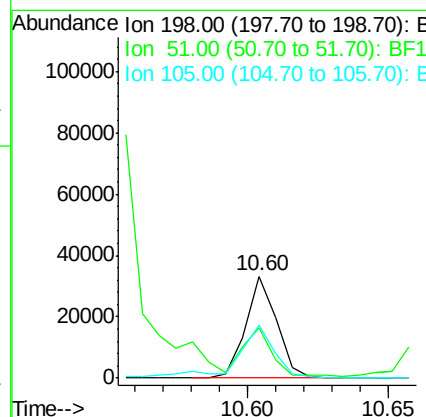
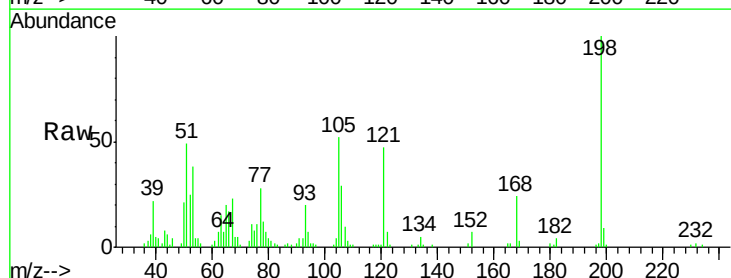
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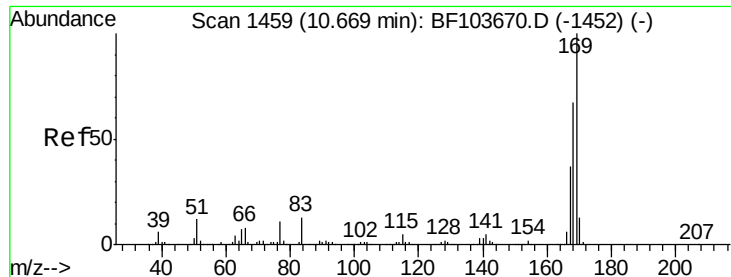
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.173 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.2	37.7	77.7
105	51.6	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 58.806 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

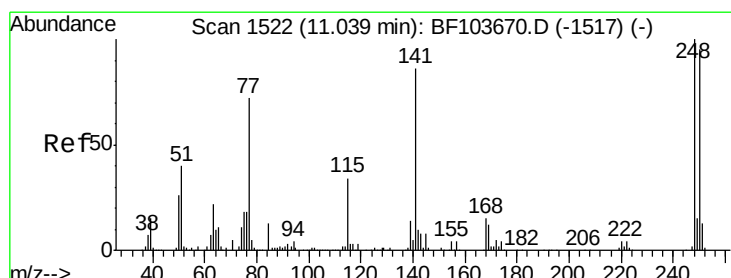
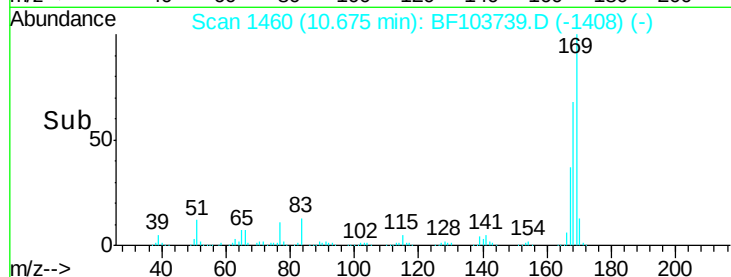
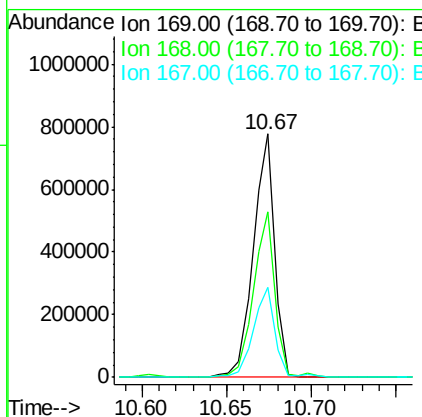
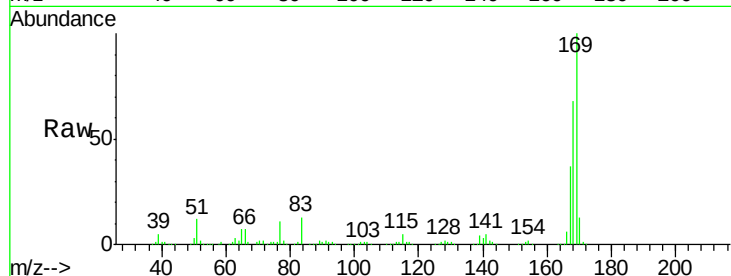
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	169	Resp:	688273
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	37.0	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 58.410 ng

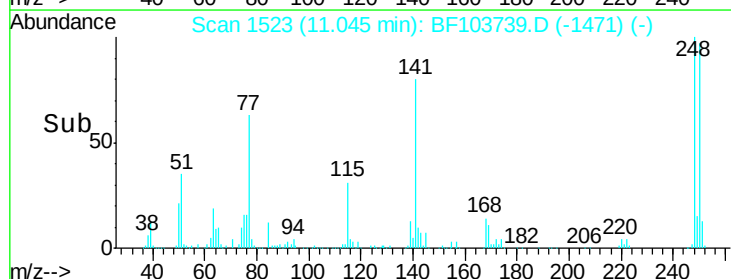
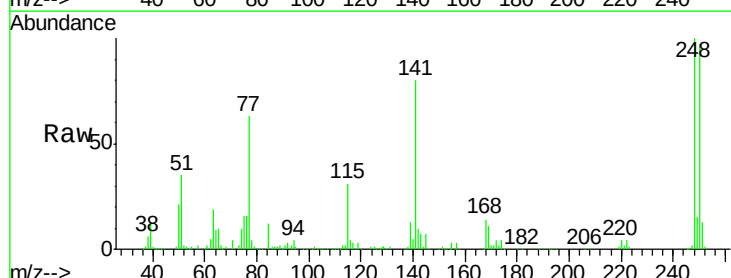
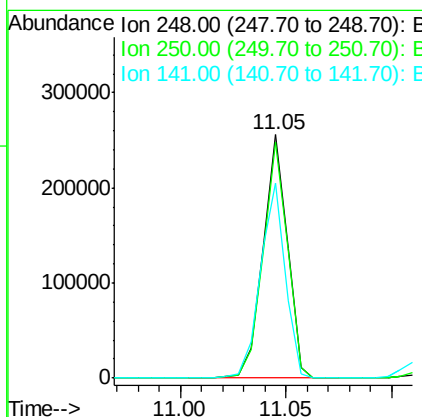
RT: 11.05 min Scan# 1523

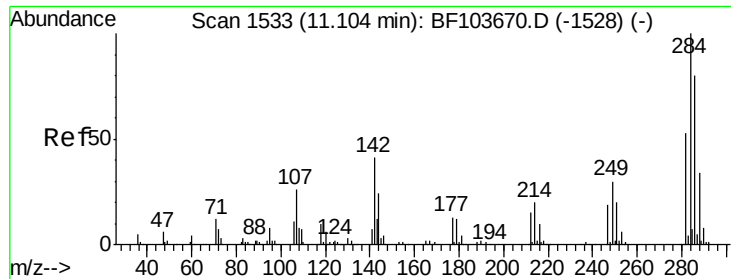
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	248	Resp:	206212
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.9	115.3
141	80.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 51.061 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

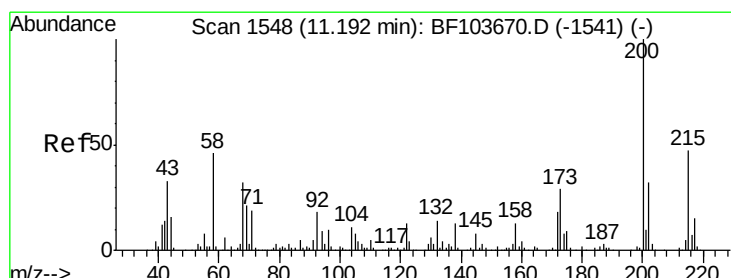
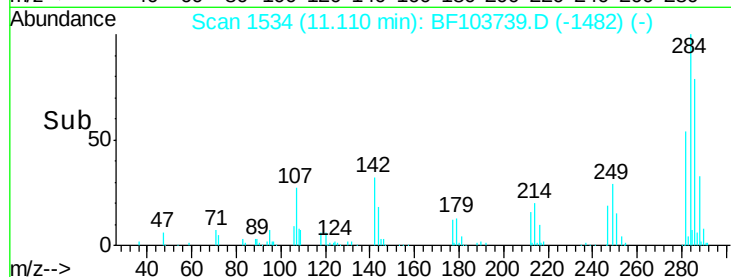
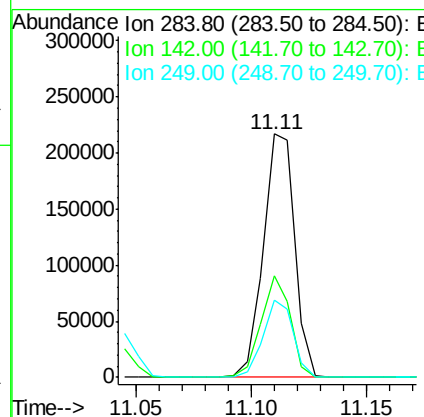
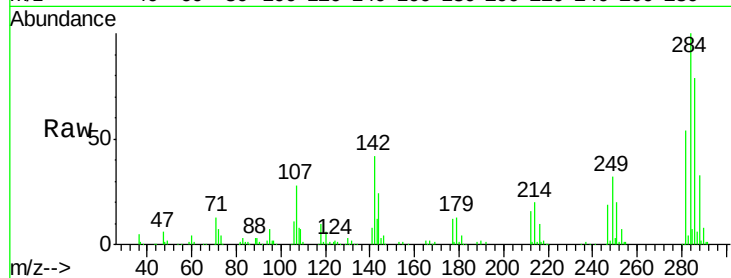
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	284	Resp:	205747
Ion Ratio		Lower	Upper
284	100		
142	41.8	34.6	52.0
249	31.8	24.8	37.2

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#68

Atrazine

Concen: 54.272 ng

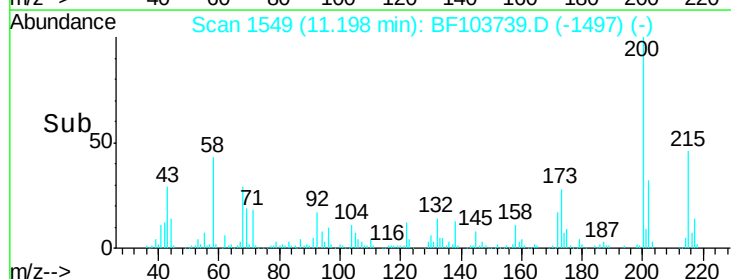
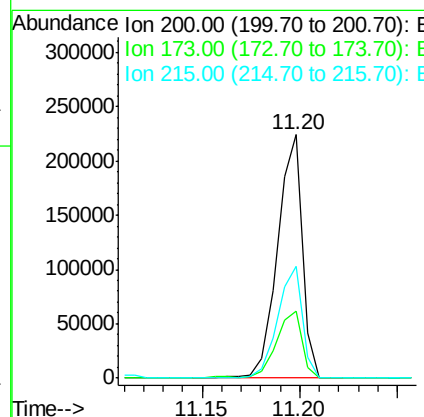
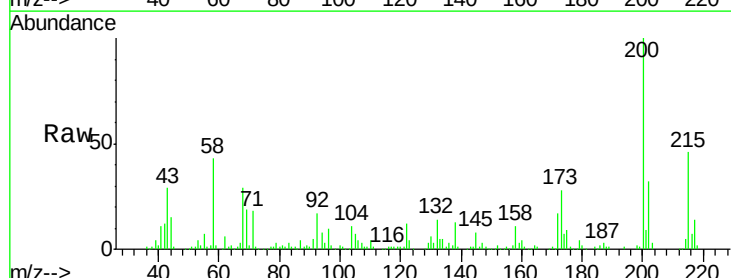
RT: 11.20 min Scan# 1549

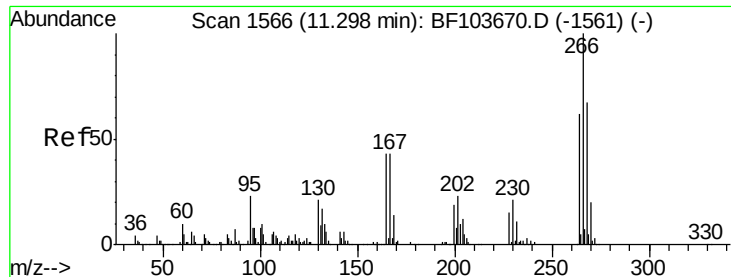
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	200	Resp:	196493
Ion Ratio		Lower	Upper
200	100		
173	27.6	8.6	48.6
215	46.0	25.1	65.1





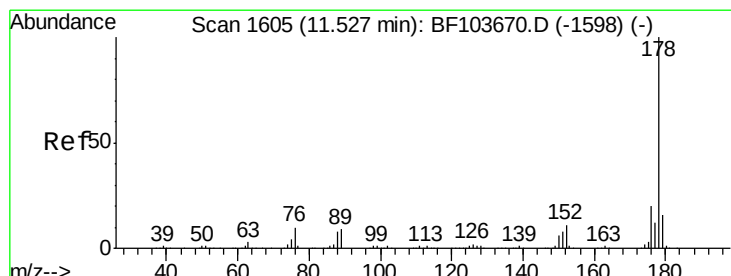
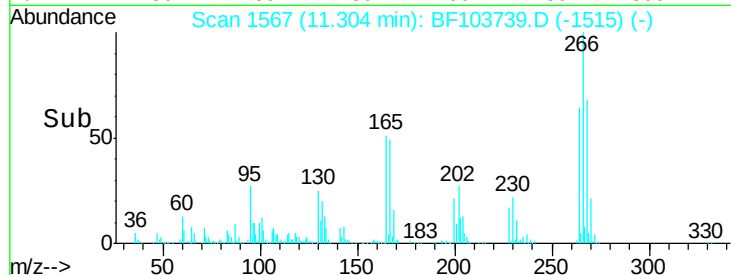
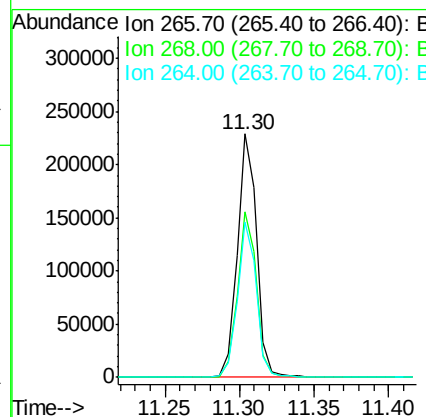
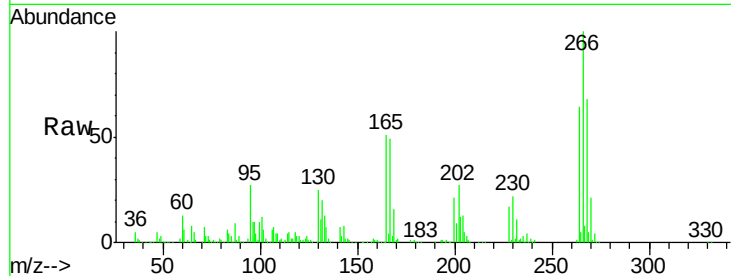
#69
 Pentachlorophenol
 Concen: 90.506 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	63.9	49.5	74.3

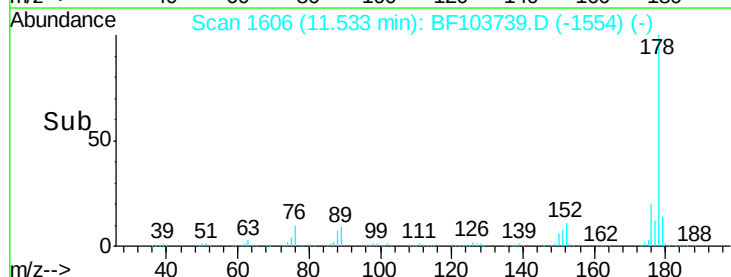
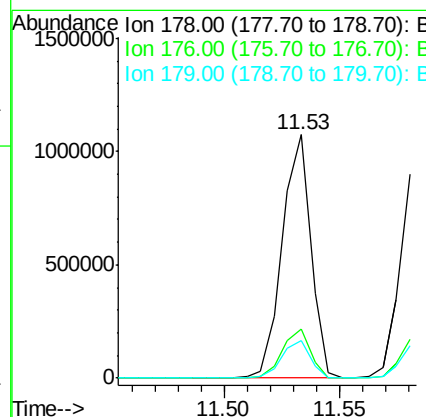
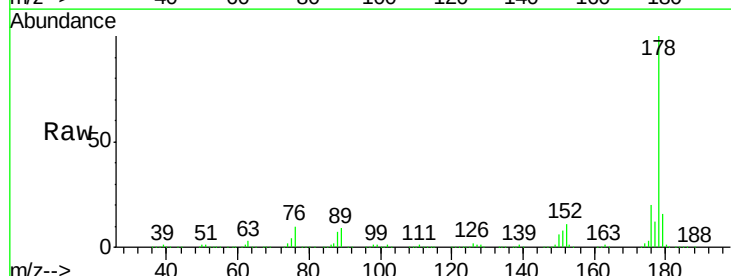
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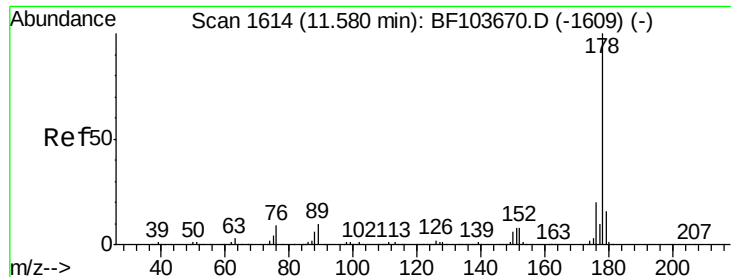
Sohil
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#70
 Phenanthrene
 Concen: 49.026 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.6	13.0	19.6





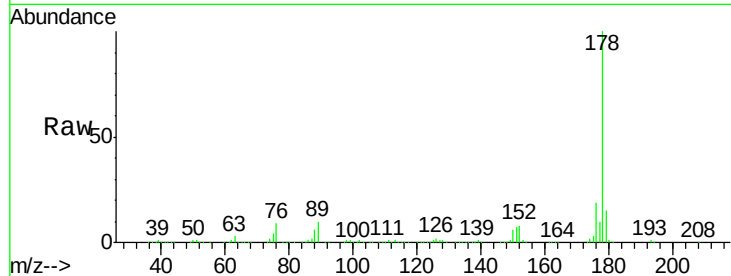
#71
 Anthracene
 Concen: 49.566 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

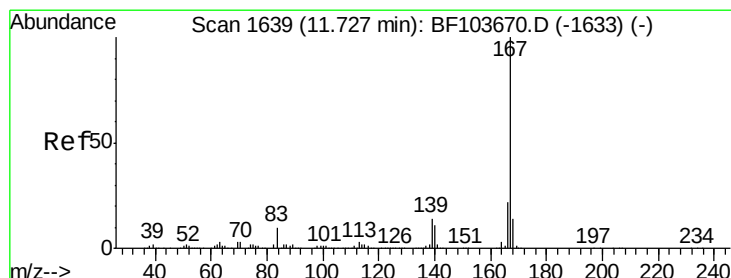
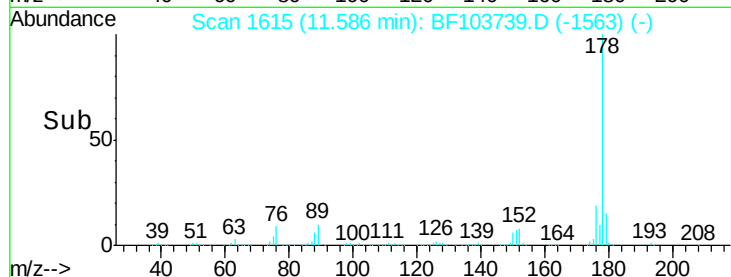
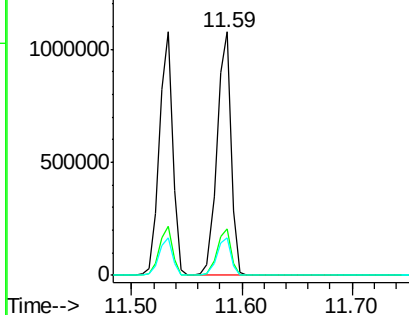
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

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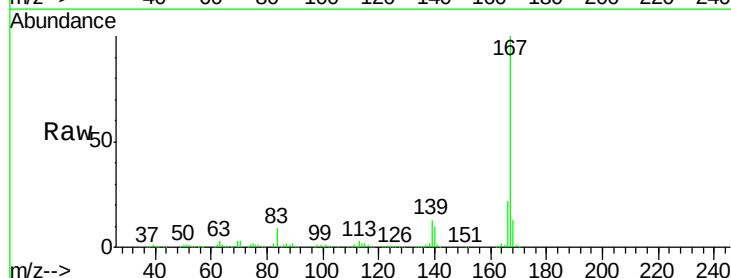


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

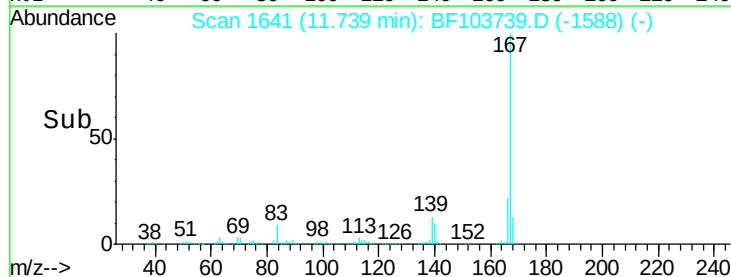
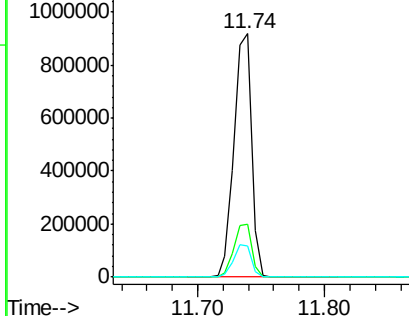


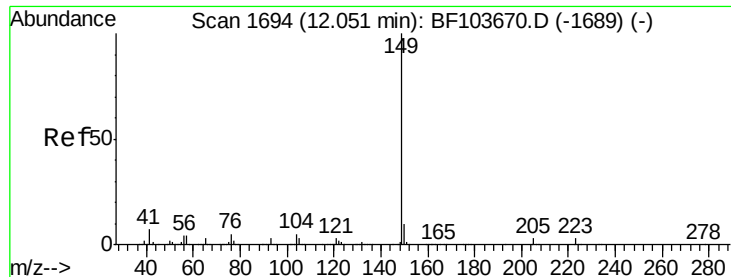
#72
 Carbazole
 Concen: 47.027 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.6	10.9	16.3



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





#73

Di-n-butylphthalate

Concen: 55.333 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion:149 Resp: 1232793

Ion Ratio Lower Upper

149 100

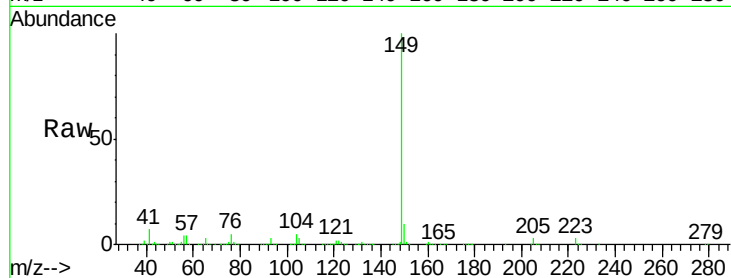
150 9.7 7.8 11.6

104 5.1 3.8 5.8

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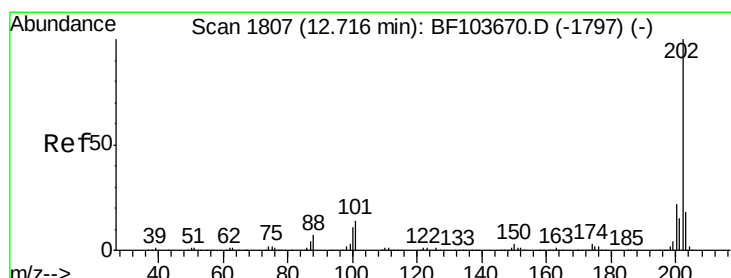
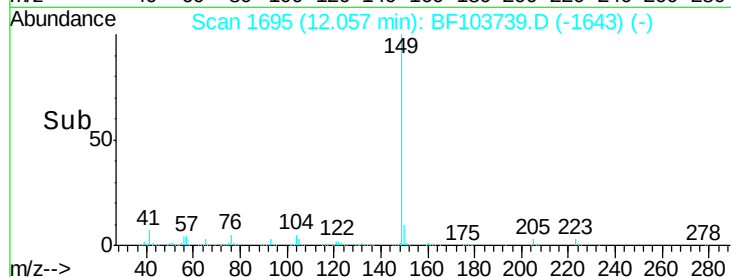
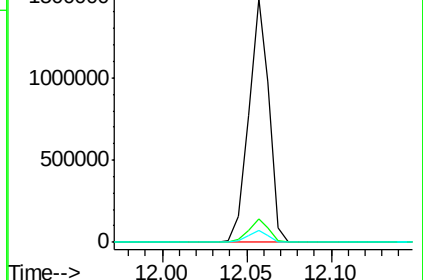
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.498 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

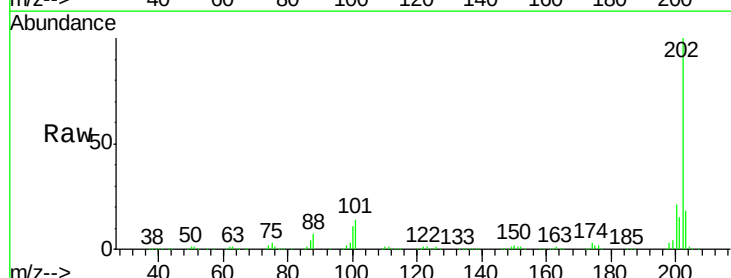
Tgt Ion:202 Resp: 881659

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

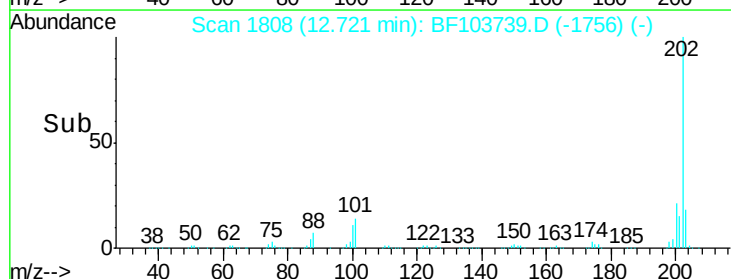
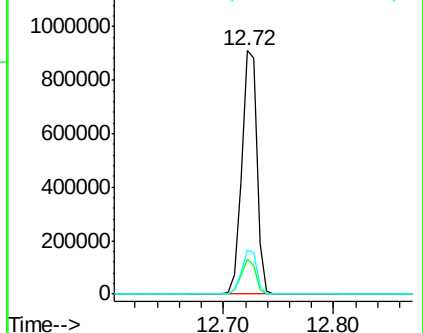
203 17.9 0.0 38.1

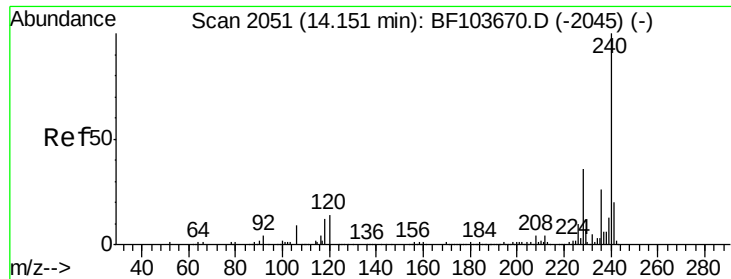


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

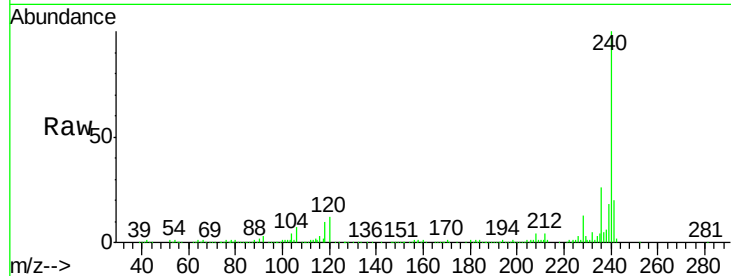
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	240	Resp:	261820
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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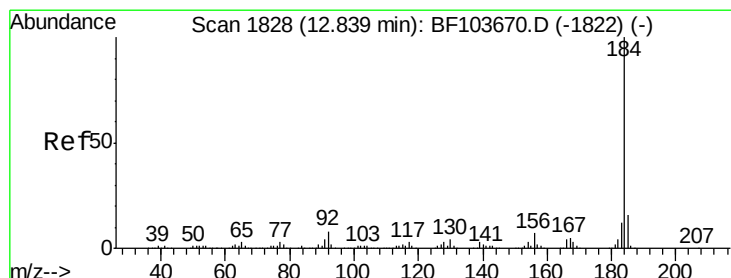
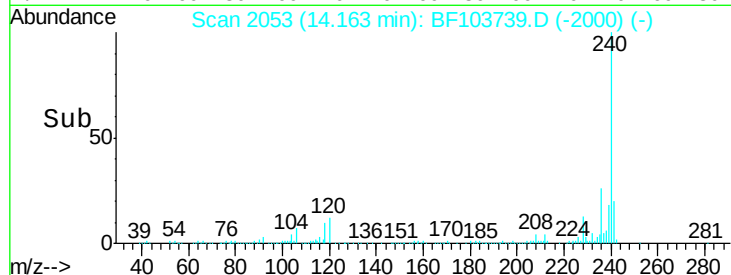
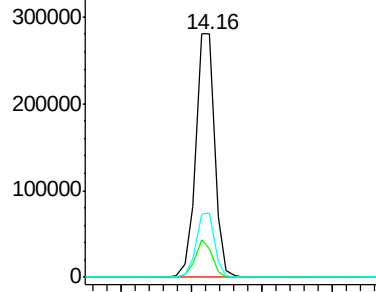
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.323 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103739.D

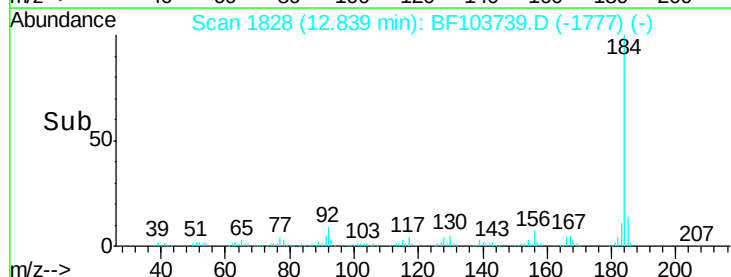
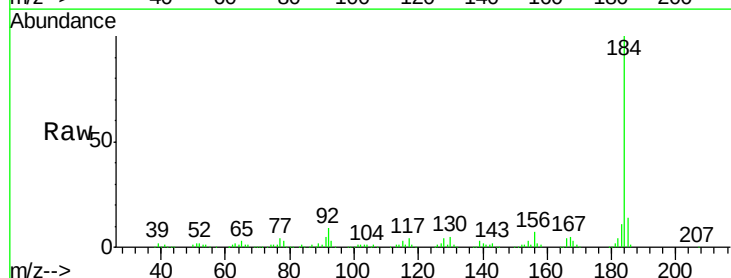
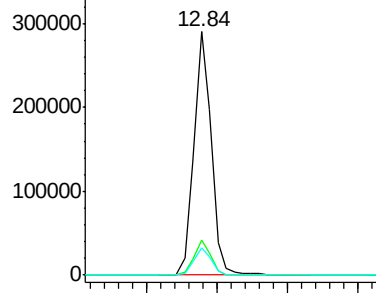
Acq: 17 Mar 2018 12:58

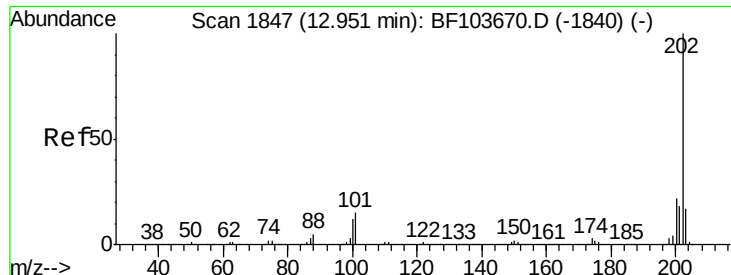
Tgt Ion:	184	Resp:	249274
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.1	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





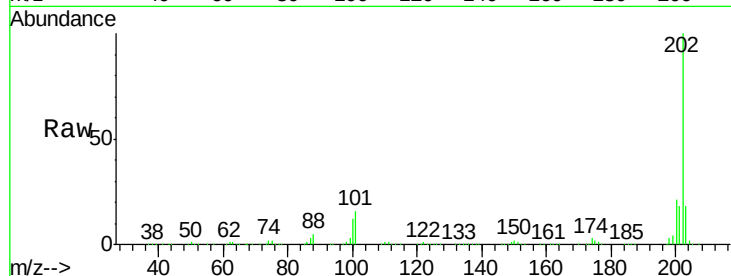
#77
Pvrene
Concen: 46.244 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

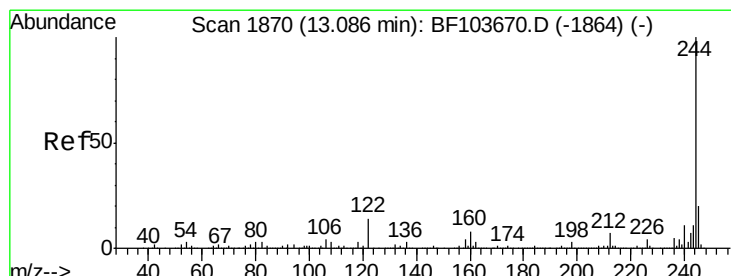
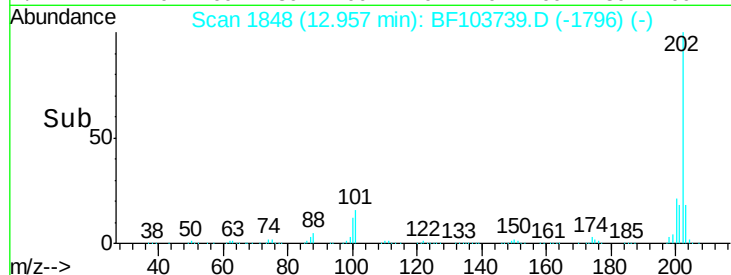
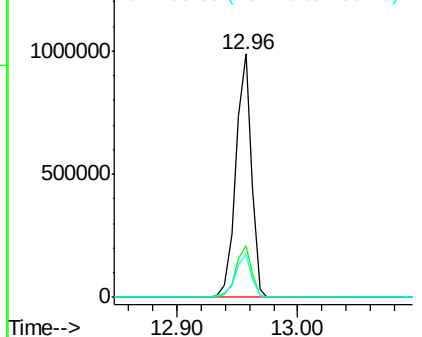
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.5	14.3	21.5

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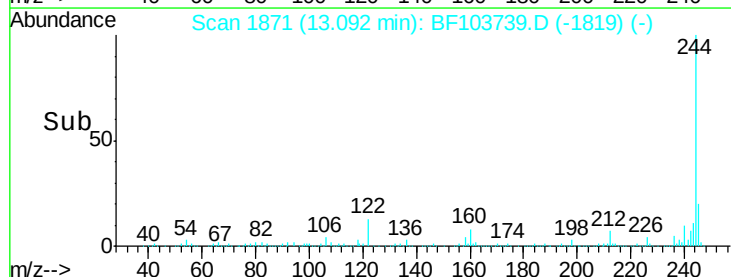
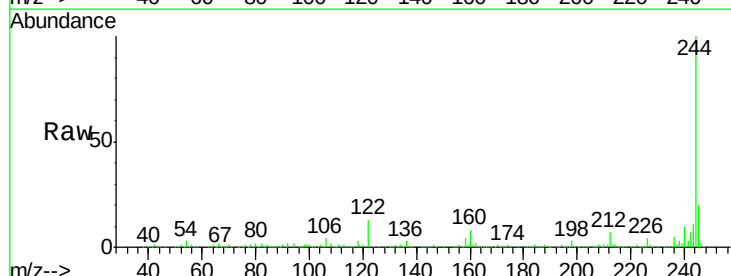
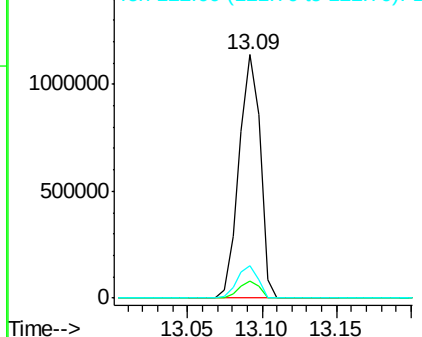
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

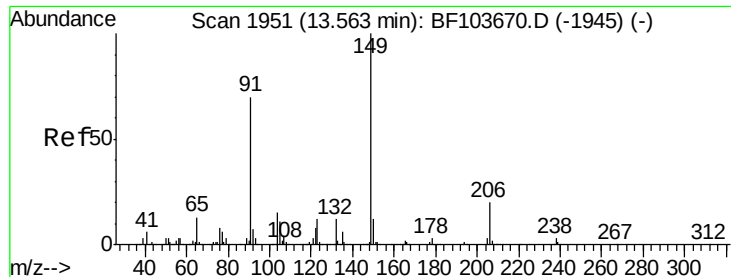


#78
Terphenyl-d14
Concen: 100.015 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	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: 52.951 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Instrument :

BNA_F

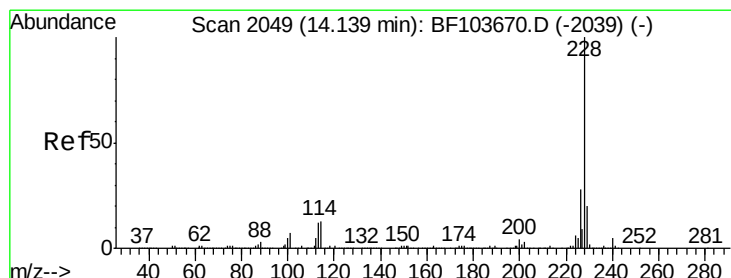
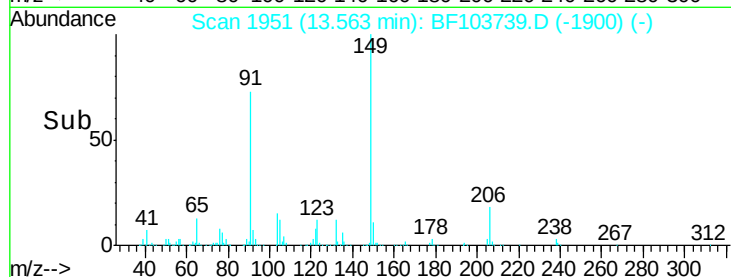
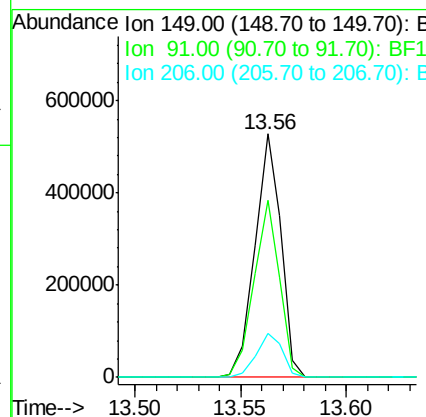
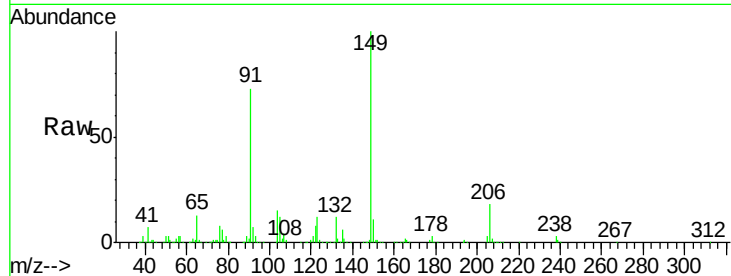
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	149	Resp:	451092
Ion Ratio	Lower	Upper	
149	100		
91	72.9	56.8	85.2
206	18.1	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 50.335 ng

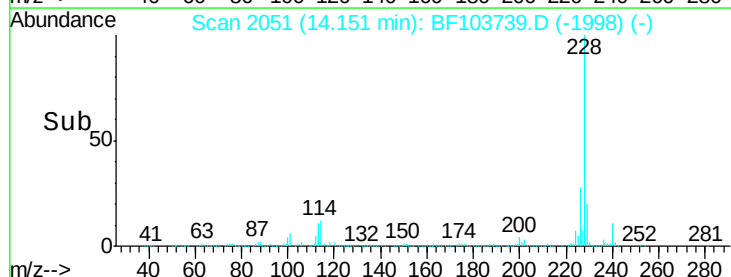
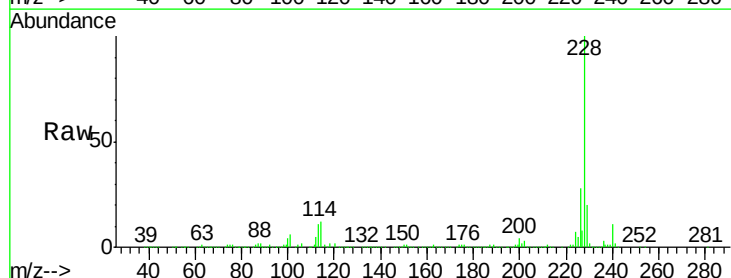
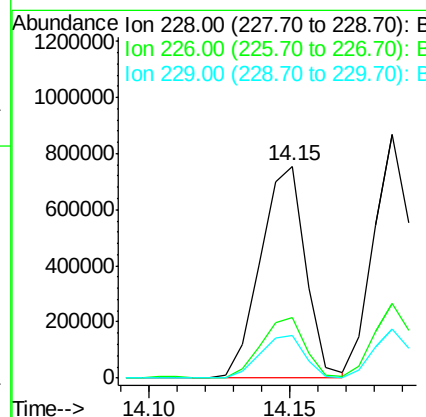
RT: 14.15 min Scan# 2051

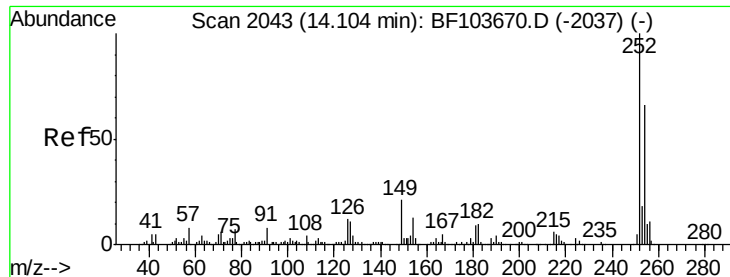
Delta R.T. 0.01 min

Lab File: BF103739.D

Acq: 17 Mar 2018 12:58

Tgt Ion:	228	Resp:	834204
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.2	15.8	23.6





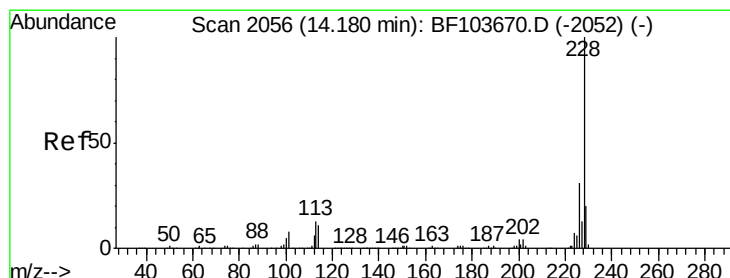
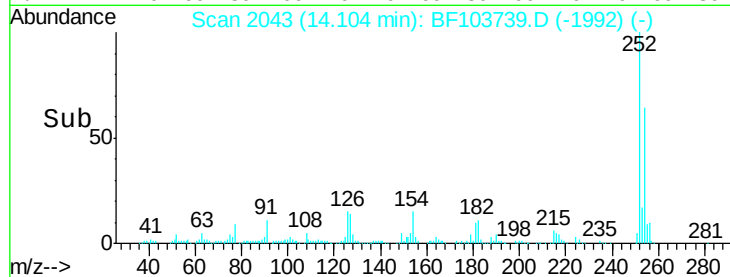
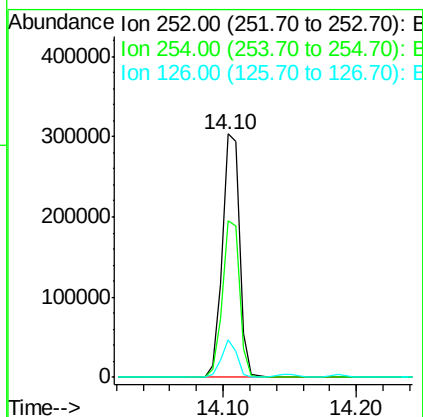
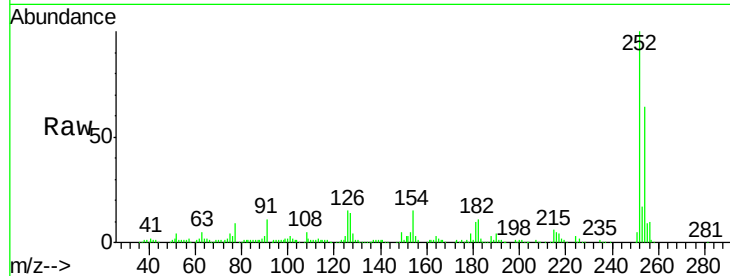
#81
 3,3'-Dichlorobenzidine
 Concen: 50.551 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	280237		
254	64.4		50.4	75.6
126	15.2		11.3	16.9

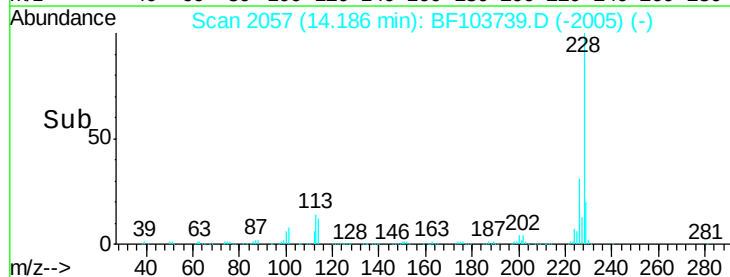
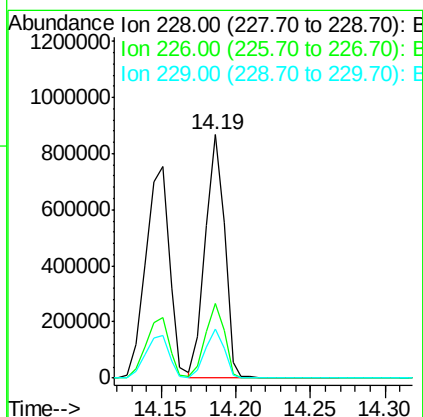
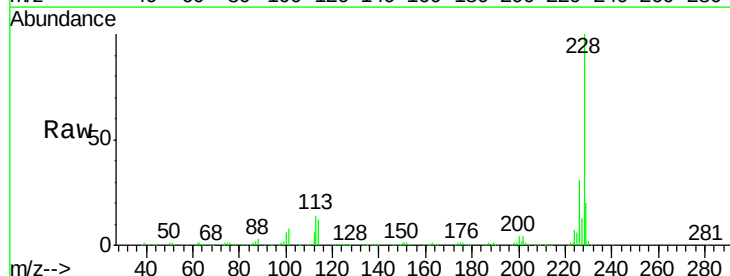
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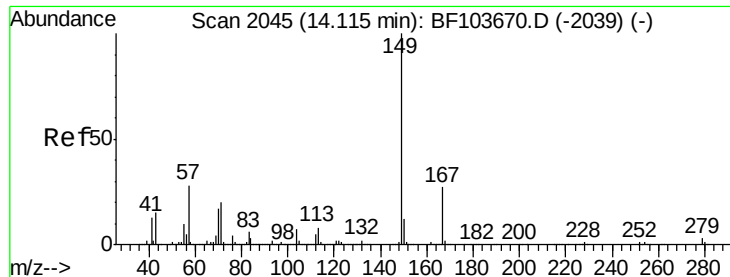
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#82
 Chrysene
 Concen: 48.904 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	772609		
226	30.9		25.0	37.6
229	20.2		16.2	24.4





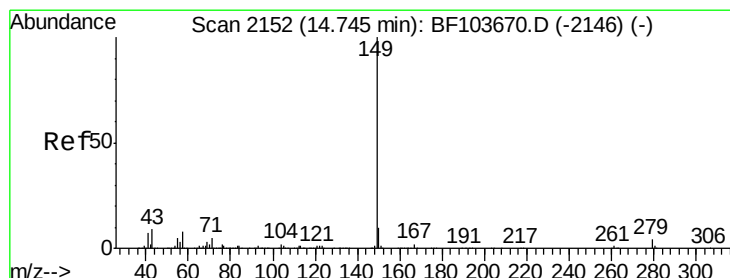
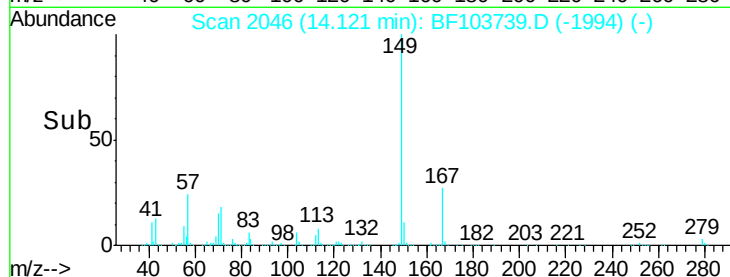
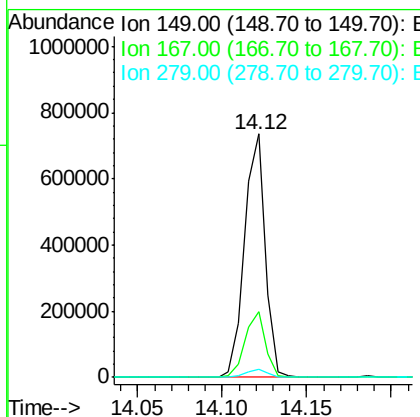
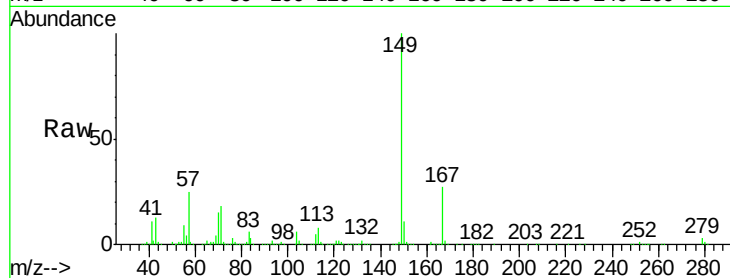
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.738 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.3	3.0	4.4

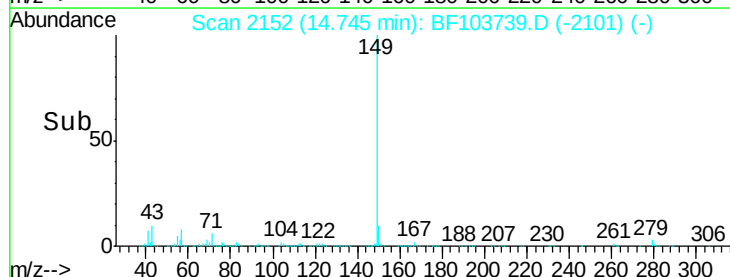
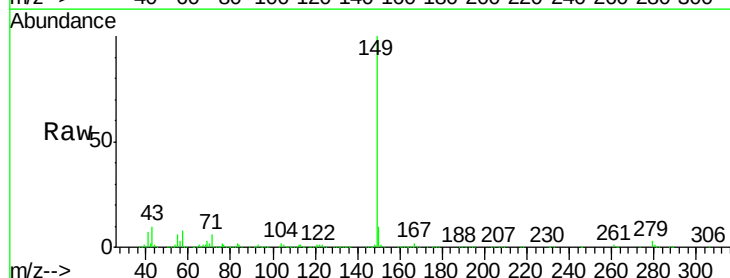
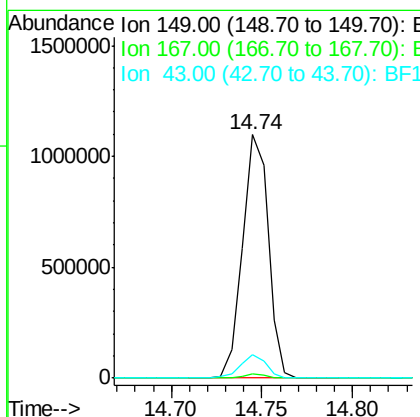
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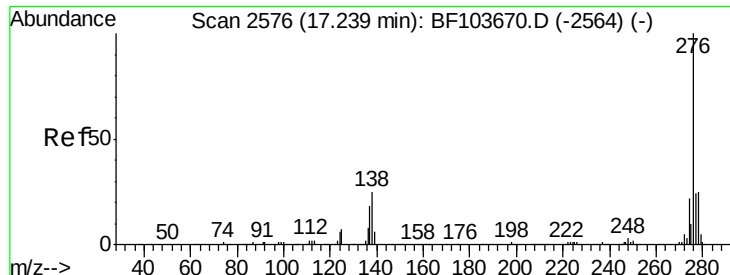
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#84
 Di-n-octyl phthalate
 Concen: 61.485 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.4	12.6





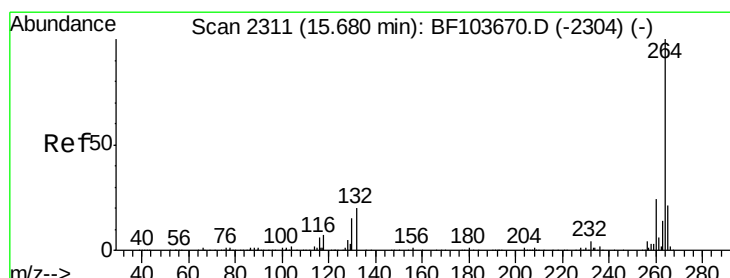
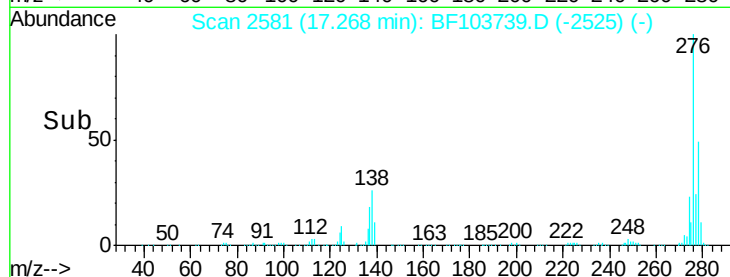
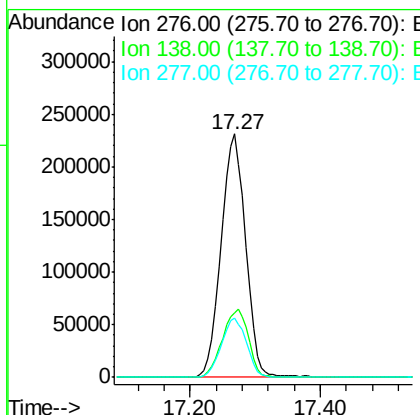
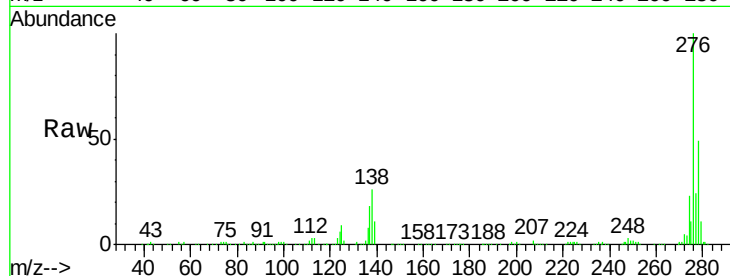
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.853 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.03 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	25.0	20.1	30.1

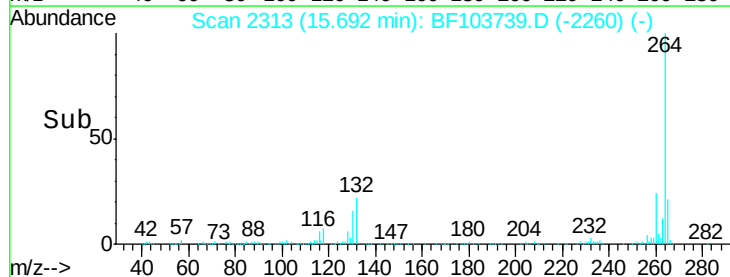
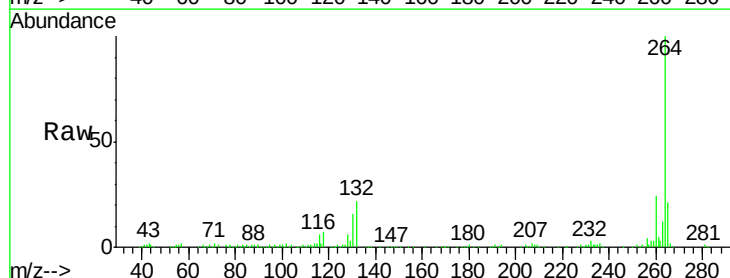
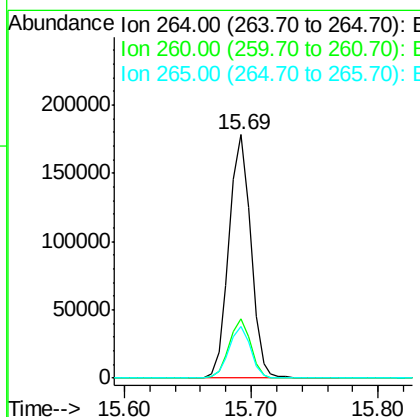
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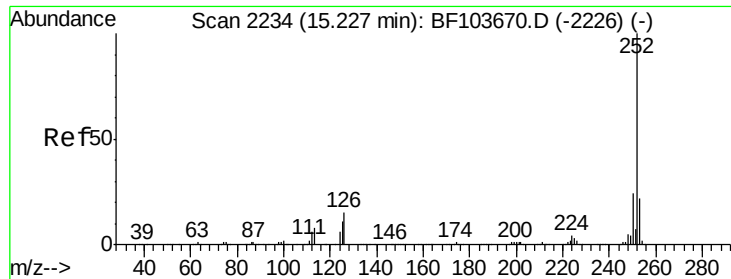
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3





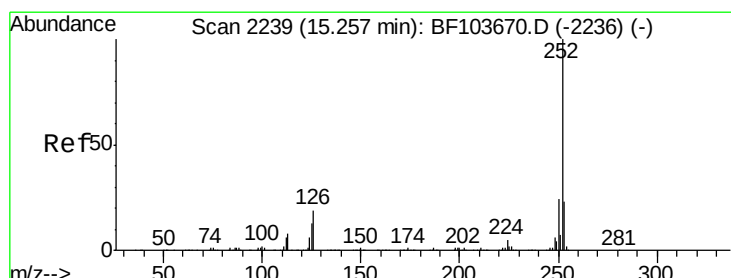
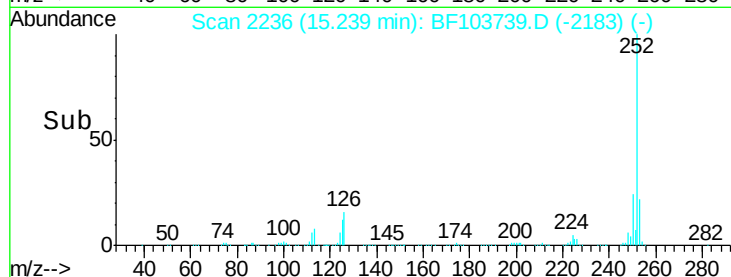
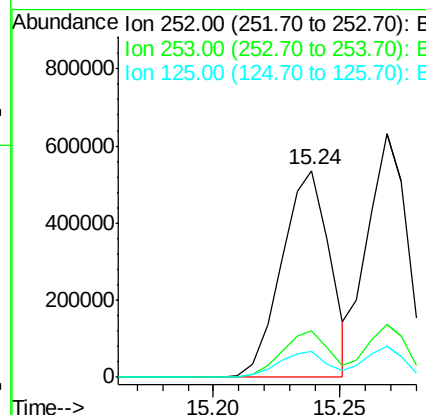
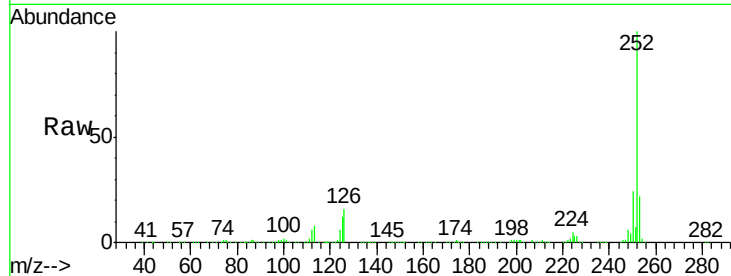
#87
Benzo(b)fluoranthene
Concen: 52.476 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.5	9.0	13.6

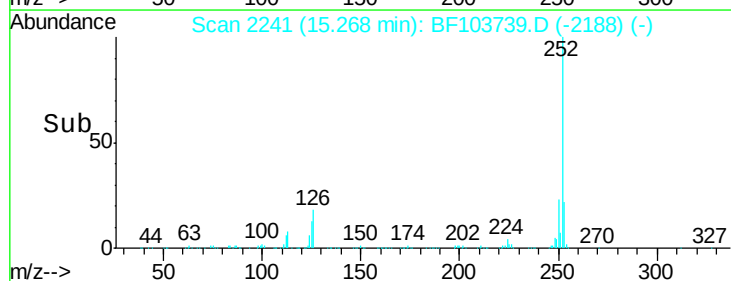
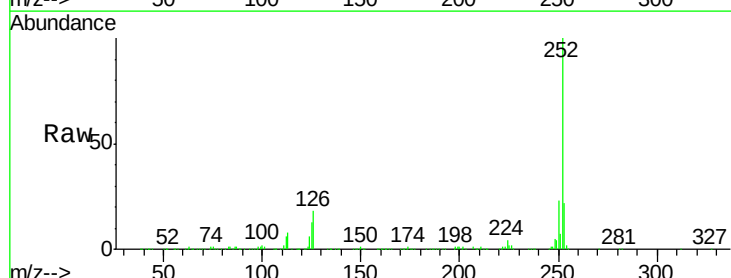
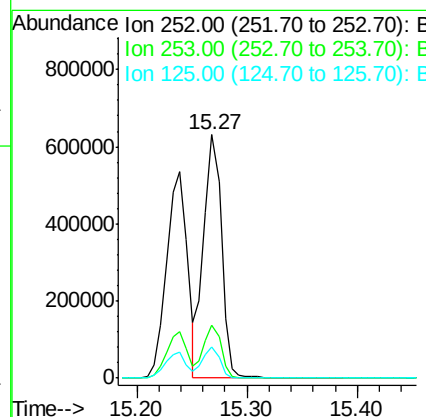
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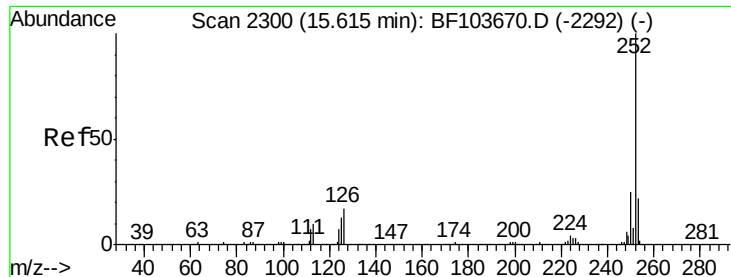
Sohil
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#88
Benzo(k)fluoranthene
Concen: 53.778 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.8	10.2	15.2





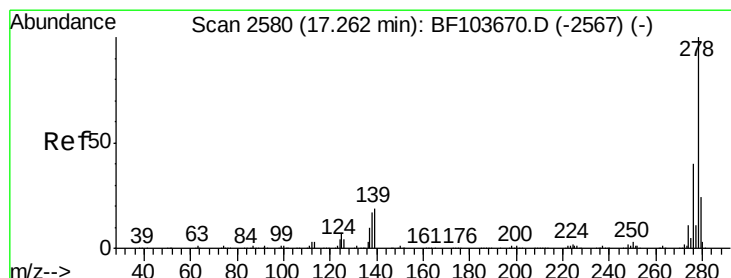
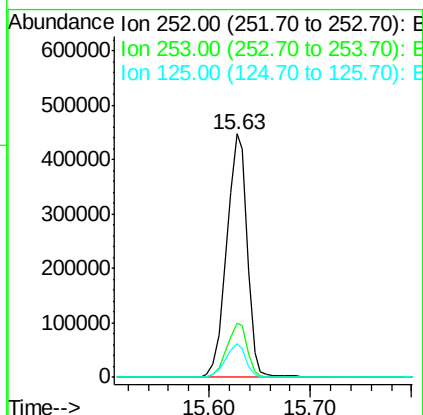
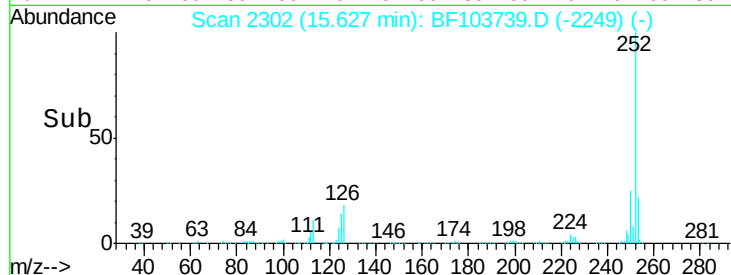
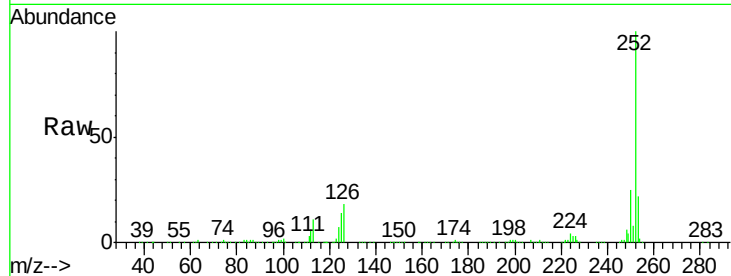
#89
Benzo(a)pyrene
Concen: 51.506 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.0	9.8	14.6

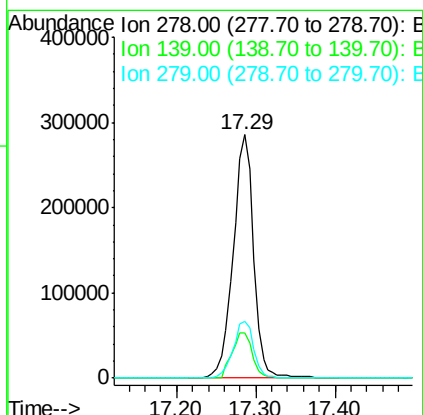
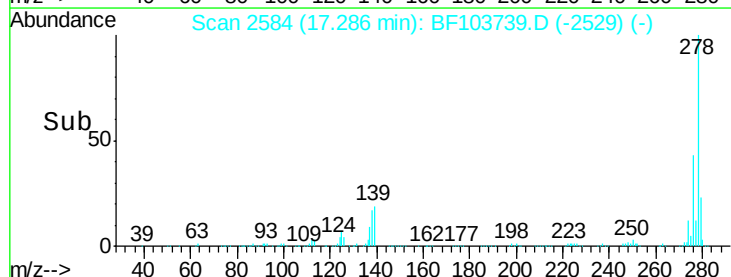
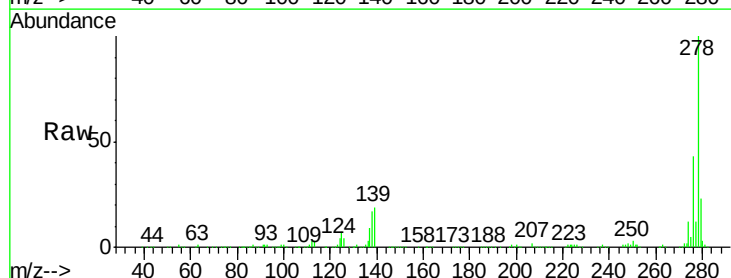
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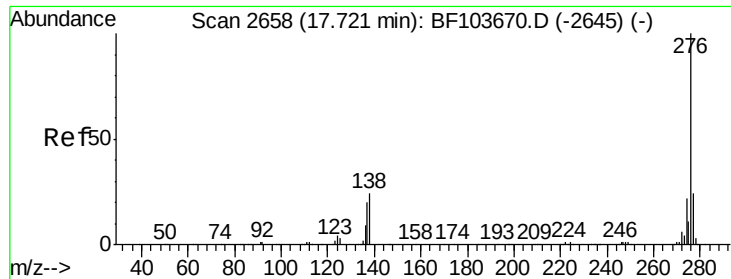
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#90
Dibenzo(a,h)anthracene
Concen: 48.129 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF103739.D
Acq: 17 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.399 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.02 min
 Lab File: BF103739.D
 Acq: 17 Mar 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	26.8	21.8	32.8

Manual Integrations
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 3/19/2018 2:03:16 PM

