

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099239.D
 Acq On : 8 Oct 2017 18:30
 Operator : SJ/JU
 Sample : I5706-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:36:03 PM

Quant Time: Oct 09 11:36:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125982	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530621	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241803	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	432137	20.00	ng	0.00
75) Chrysene-d12	14.03	240	297014	20.00	ng	0.00
86) Perylene-d12	15.50	264	226190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	877043	110.82	ng	0.03
7) Phenol-d6	6.50	99	992927	101.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	713173	86.19	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	247908	125.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1313349	90.67	ng	0.00
78) Terphenyl-d14	12.97	244	1155136	88.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	125575	33.217	ng	# 80
3) Pyridine	3.57	79	245895m	24.044	ng	
4) n-Nitrosodimethylamine	3.52	42	148675	34.283	ng	81
6) Aniline	6.53	93	237795	18.047	ng	99
8) 2-Chlorophenol	6.66	128	363772	40.590	ng	96
9) Benzaldehyde	6.42	77	104023	18.369	ng	98
10) Phenol	6.52	94	390439	35.760	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	354001	41.706	ng	98
12) 1,3-Dichlorobenzene	6.81	146	380643	40.555	ng	97
13) 1,4-Dichlorobenzene	6.89	146	382125	40.015	ng	97
14) 1,2-Dichlorobenzene	7.04	146	359682	40.763	ng	97
15) Benzyl Alcohol	7.01	79	292550	40.847	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	508144	38.424	ng	94
17) 2-Methylphenol	7.12	107	305750	41.694	ng	96
18) Hexachloroethane	7.37	117	133459	38.881	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	237074	38.035	ng	96
20) 3+4-Methylphenols	7.27	107	349293	37.652	ng	# 74
22) Acetophenone	7.28	105	493980	38.424	ng	# 97
24) Nitrobenzene	7.45	77	378221	40.297	ng	97
25) Isophorone	7.69	82	707043	41.331	ng	98
26) 2-Nitrophenol	7.77	139	207061	45.876	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	335369	39.345	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	451441	42.346	ng	100
29) 2,4-Dichlorophenol	8.01	162	321166	43.885	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	315396	43.090	ng	98
31) Naphthalene	8.17	128	1074351	43.110	ng	99
32) Benzoic acid	7.92	122	113500	16.210	ng	95
33) 4-Chloroaniline	8.22	127	111270	10.692	ng	95
34) Hexachlorobutadiene	8.28	225	151337	40.142	ng	98
35) Caprolactam	8.60	113	81826m	34.856	ng	
36) 4-Chloro-3-methylphenol	8.70	107	334709	40.691	ng	93
37) 2-Methylnaphthalene	8.86	142	743521	45.894	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	291034	40.358	ng	99
40) Hexachlorocyclopentadiene	9.01	237	167014	50.679	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	207589	40.635	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	217257	42.602	nq	96
45) 1,1'-Biphenyl	9.33	154	849328	40.869	nq	98
46) 2-Chloronaphthalene	9.35	162	678247	43.468	nq	97
47) 2-Nitroaniline	9.45	65	203246	42.541	nq	93
48) Acenaphthylene	9.77	152	1033801	43.281	nq	100
49) Dimethylphthalate	9.63	163	798427	43.750	nq	100
50) 2,6-Dinitrotoluene	9.69	165	183598	46.210	nq	88
51) Acenaphthene	9.94	154	604995	39.985	nq	100
52) 3-Nitroaniline	9.86	138	133529	28.823	nq	89
53) 2,4-Dinitrophenol	9.97	184	47088	26.933	nq	98
54) Dibenzofuran	10.11	168	910635	45.202	nq	100
55) 4-Nitrophenol	10.03	139	248651	63.476	nq	89
56) 2,4-Dinitrotoluene	10.10	165	236379	45.842	nq	93
57) Fluorene	10.46	166	713147	44.042	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	161670	45.892	nq	97
59) Diethylphthalate	10.32	149	764771	42.886	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	316485	43.511	nq	92
61) 4-Nitroaniline	10.48	138	201712	45.131	nq	89
62) Azobenzene	10.60	77	705045	42.999	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	58890	22.398	nq	# 75
65) n-Nitrosodiphenylamine	10.56	169	645340	43.107	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	185576	43.872	nq	94
67) Hexachlorobenzene	11.00	284	192939	42.707	nq	93
68) Atrazine	11.09	200	201176	44.664	nq	99
69) Pentachlorophenol	11.20	266	160305	57.015	nq	98
70) Phenanthrene	11.42	178	1017119	43.972	nq	99
71) Anthracene	11.47	178	1051281	44.419	nq	100
72) Carbazole	11.63	167	991798	42.792	nq	99
73) Di-n-butylphthalate	11.95	149	1165582	41.781	nq	99
74) Fluoranthene	12.60	202	1048222	44.752	nq	99
76) Benzidine	12.72	184	78370	7.134	nq	97
77) Pyrene	12.84	202	1062300	46.904	nq	100
79) Butylbenzylphthalate	13.44	149	486198	45.677	nq	91
80) Benzo(a)anthracene	14.02	228	821271	45.664	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	184442	27.975	nq	99
82) Chrysene	14.06	228	759463	44.355	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	629573	42.955	nq	99
84) Di-n-octyl phthalate	14.60	149	931622	39.475	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	612188	44.695	nq	96
87) Benzo(b)fluoranthene	15.07	252	629056	45.233	nq	97
88) Benzo(k)fluoranthene	15.10	252	638935	46.515	nq	98
89) Benzo(a)pyrene	15.44	252	588199	46.077	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	501639	49.102	nq	97
91) Benzo(g,h,i)perylene	17.45	276	531027	52.584	nq	95

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

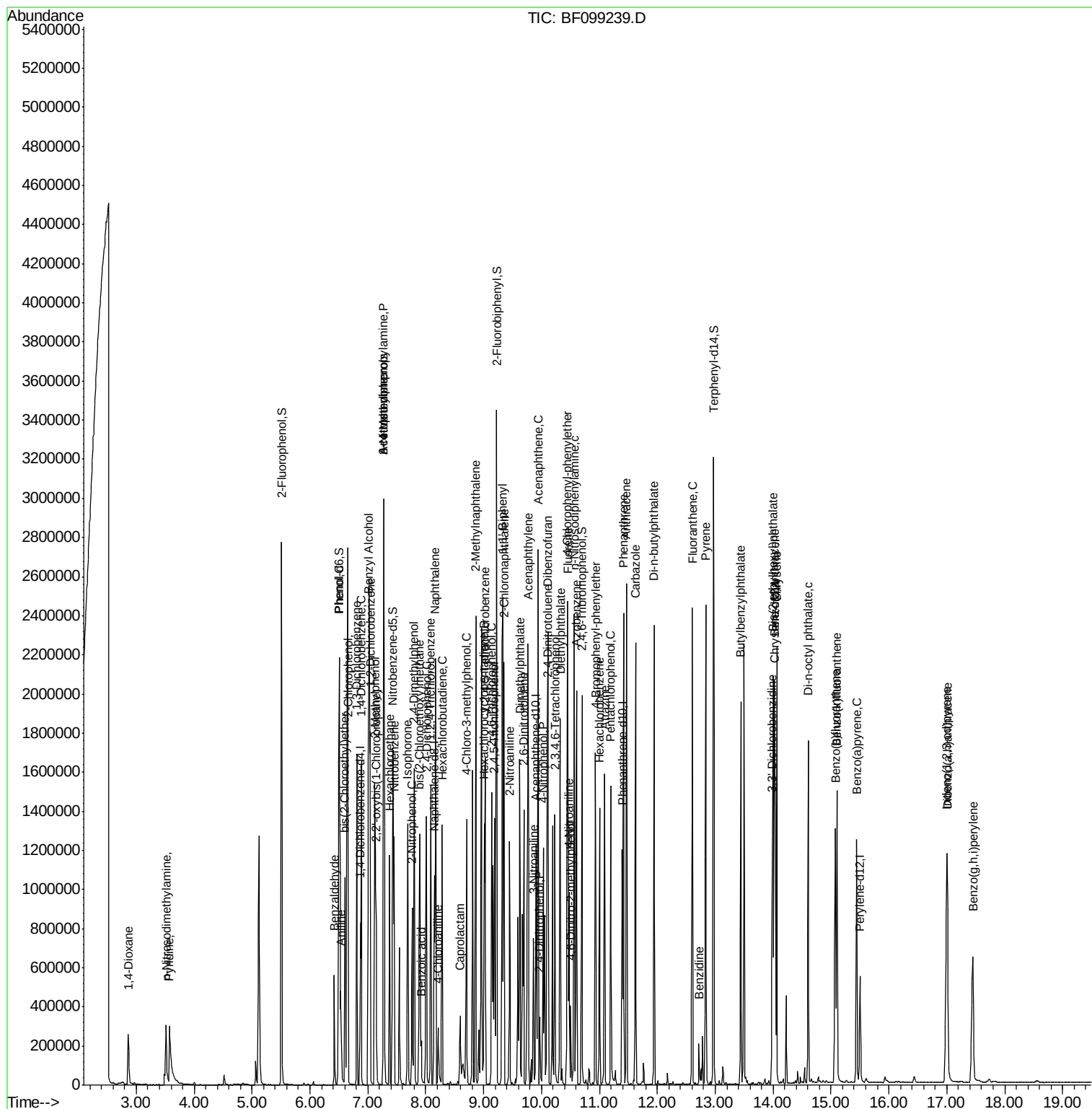
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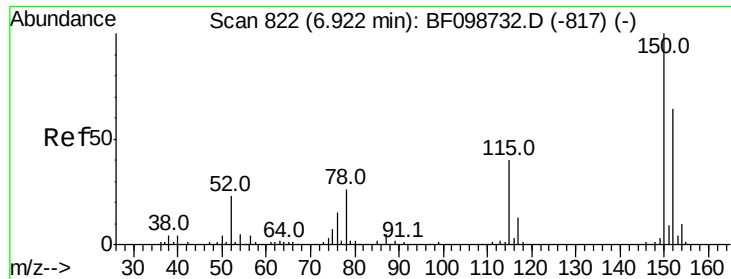
Instrument :
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#1

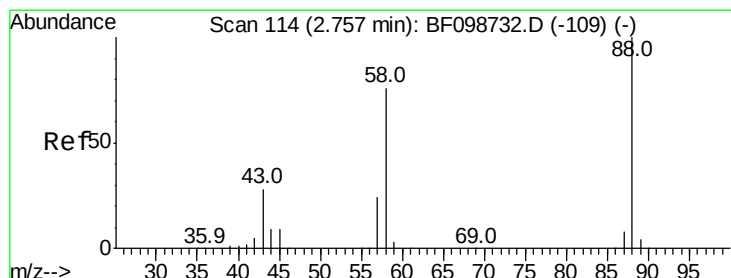
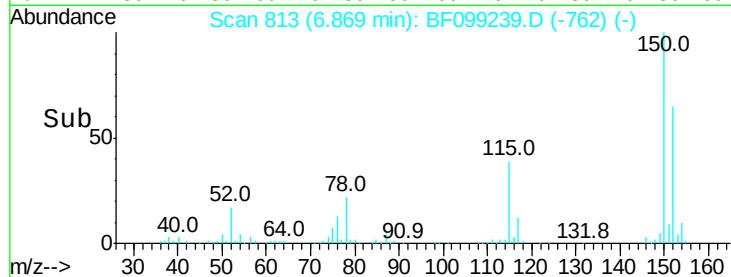
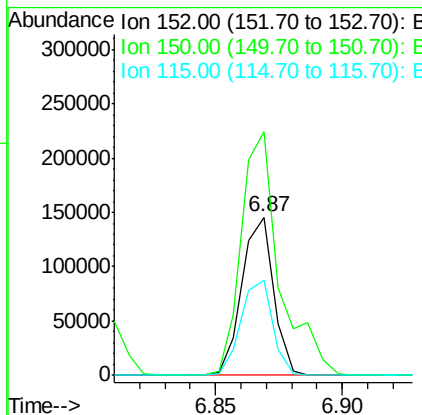
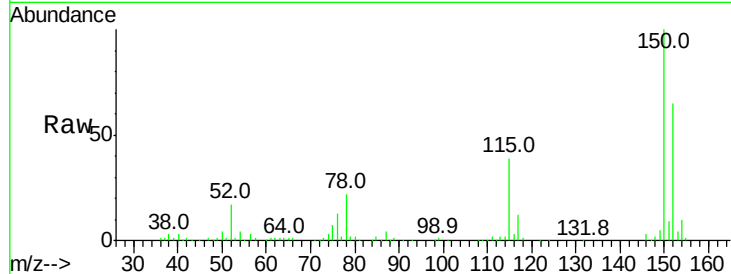
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.2	50.1	75.1

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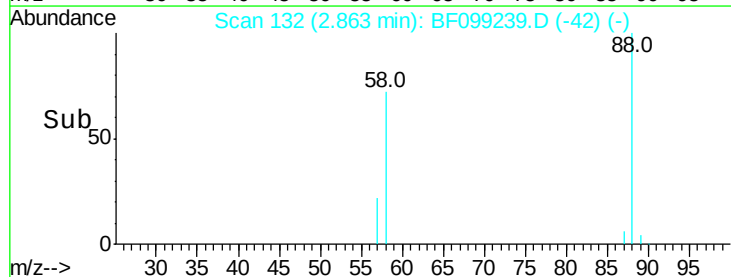
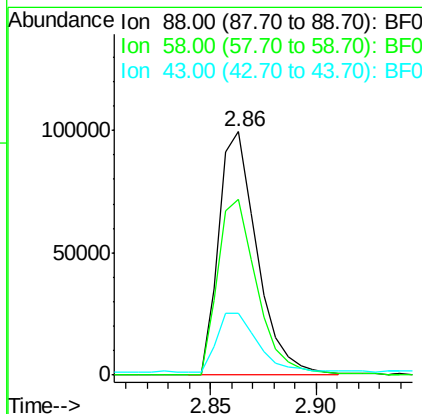
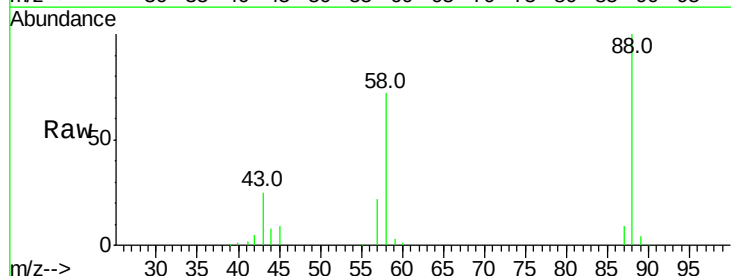
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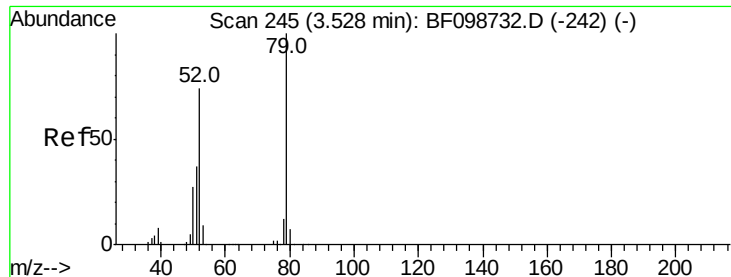


#2

1,4-Dioxane
Concen: 33.217 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.23 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	62.6	93.8
43	0.0	24.6	37.0





#3

Pvridine

Concen: 24.044 ng/ml

RT: 3.57 min Scan# 253

Delta R.T. 0.17 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

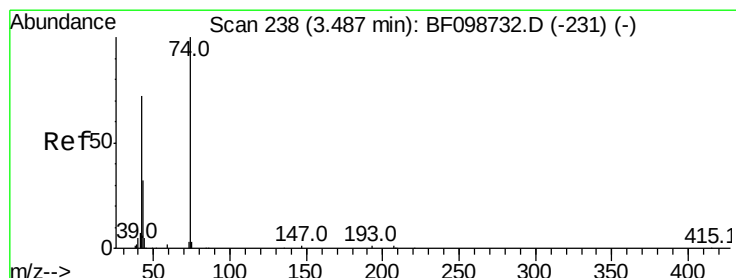
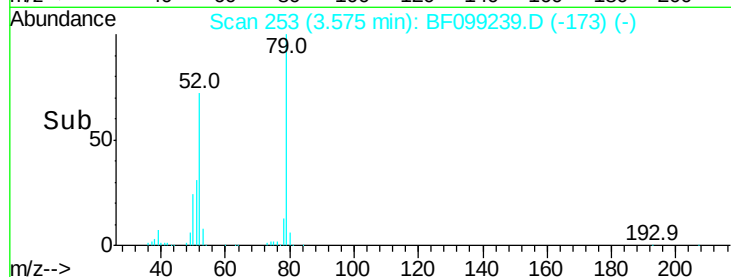
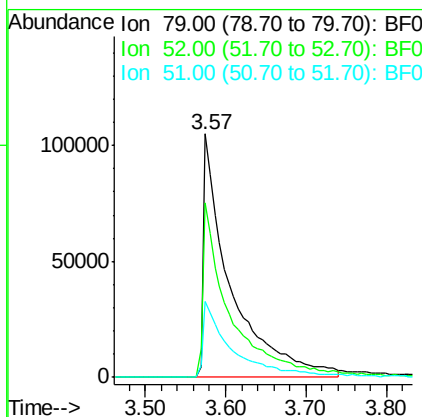
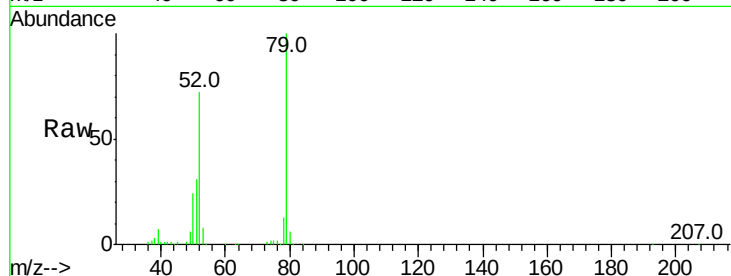
ClientSampled :

MH-21MSD

Tot Ion:	79	Resp:	245895
Ion Ratio	Lower	Upper	
79	100		
52	71.6	59.8	89.6
51	31.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.283 ng/ml

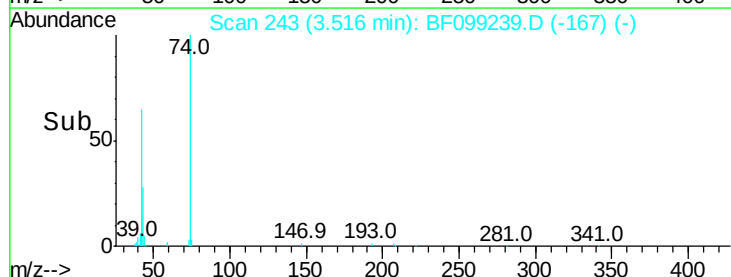
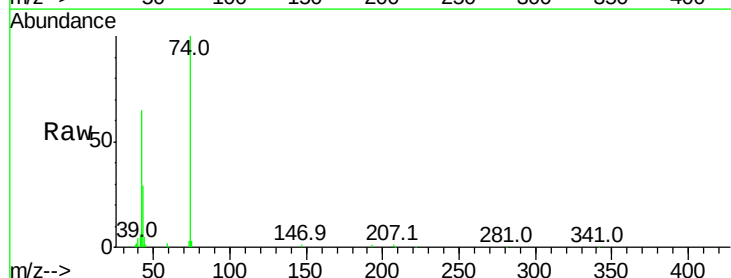
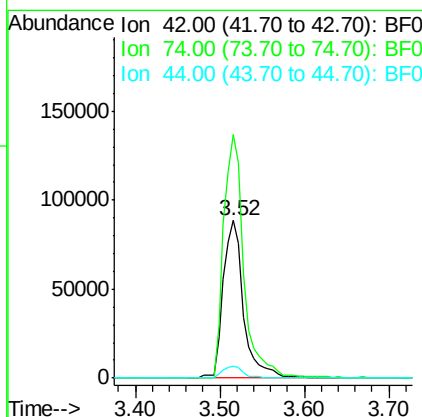
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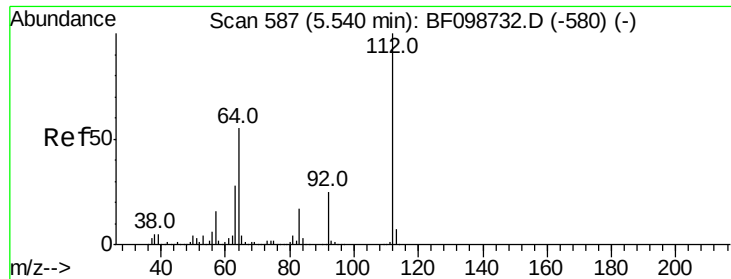
Delta R.T. 0.15 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	42	Resp:	148675
Ion Ratio	Lower	Upper	
42	100		
74	154.7	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 110.823 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

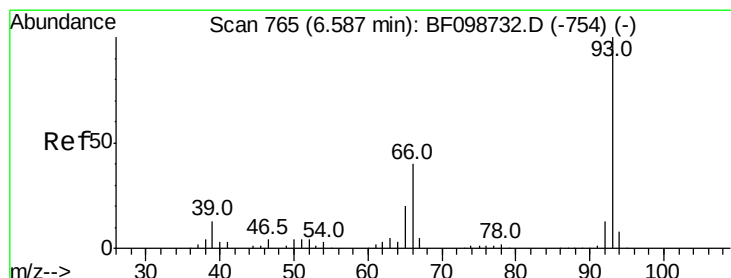
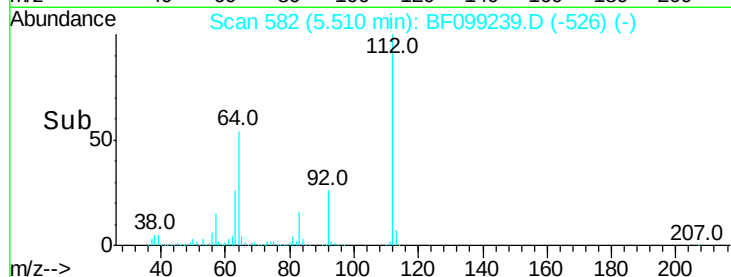
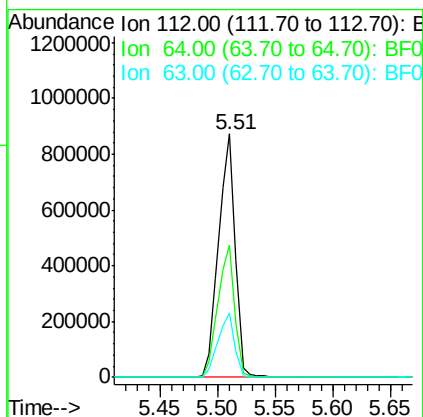
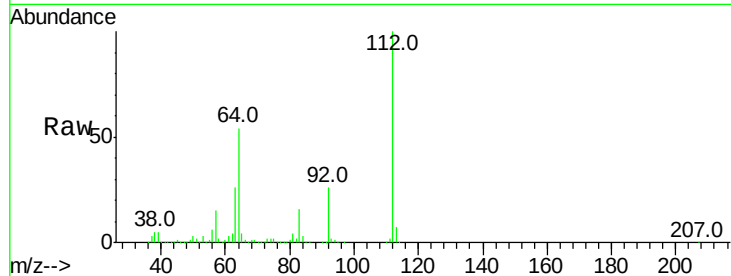
ClientSampleId :

MH-21MSD

Tot Ion:	112	Resp:	877043
Ion Ratio	Lower	Upper	
112	100		
64	54.3	47.9	71.9
63	26.4	23.7	35.5

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#6

Aniline

Concen: 18.047 ng

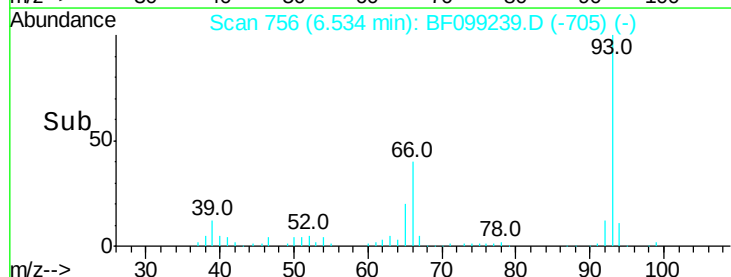
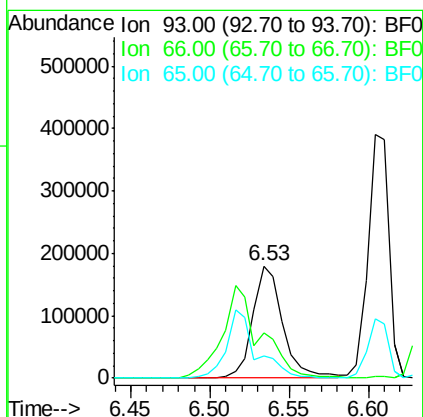
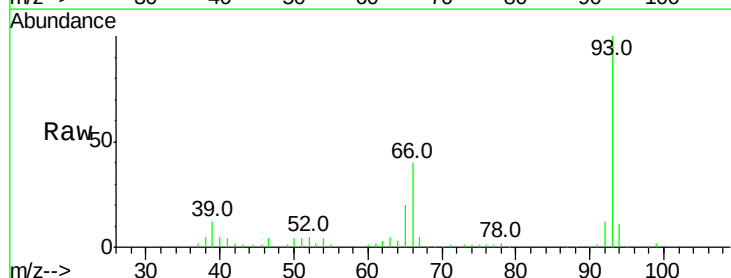
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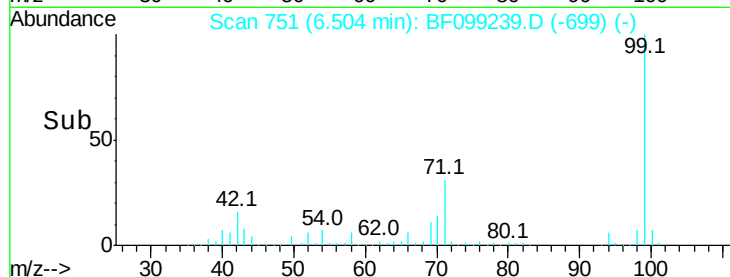
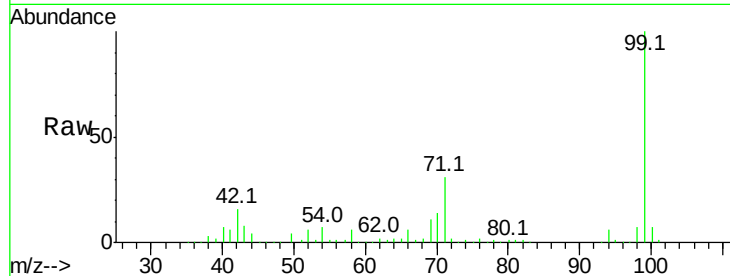
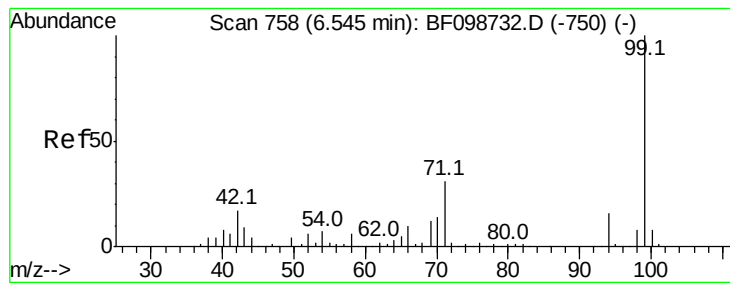
Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	93	Resp:	237795
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.2	48.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 101.706 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tot Ion:	99	Resp:	992927
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	31.2	25.4	38.0

Instrument :

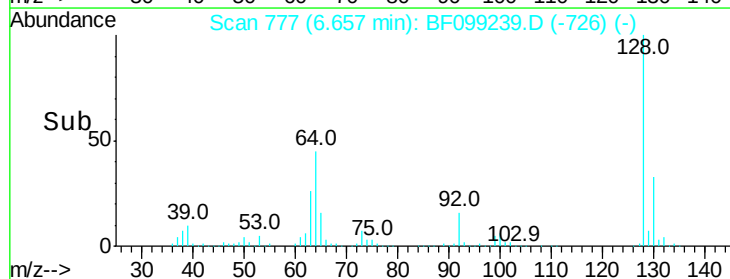
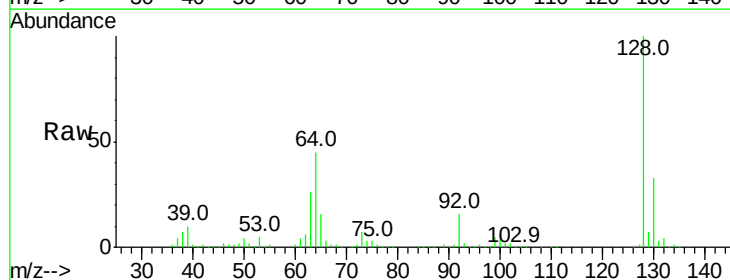
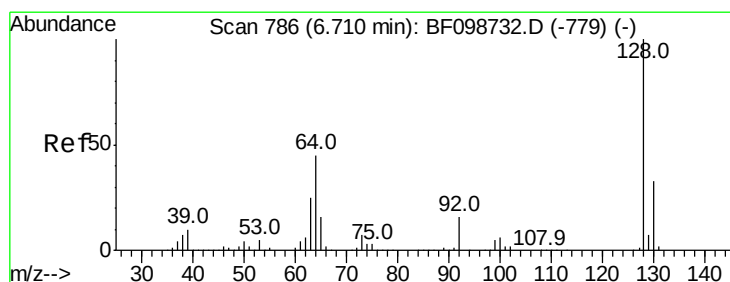
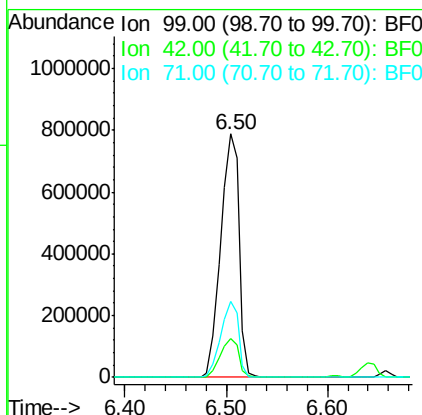
BNA_F

ClientSampled :

MH-21MSD

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#8

2-Chlorophenol

Concen: 40.590 ng

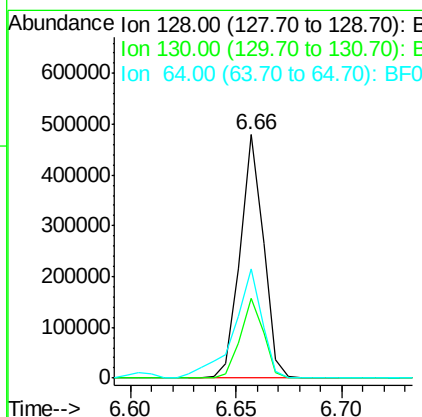
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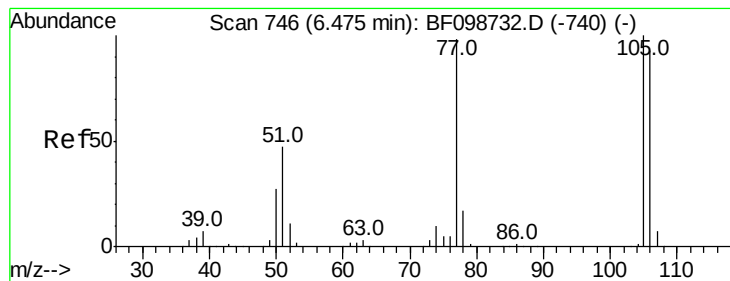
Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	128	Resp:	363772
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	44.7	29.4	69.4





#9

Benzaldehyde

Concen: 18.369 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

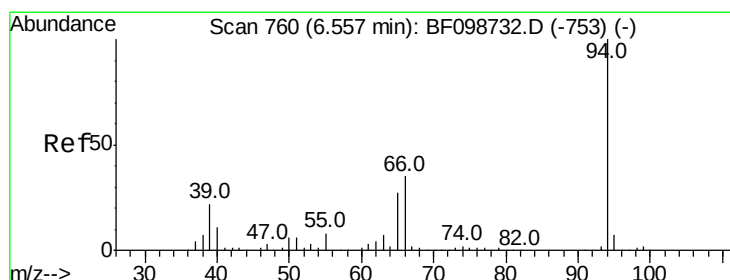
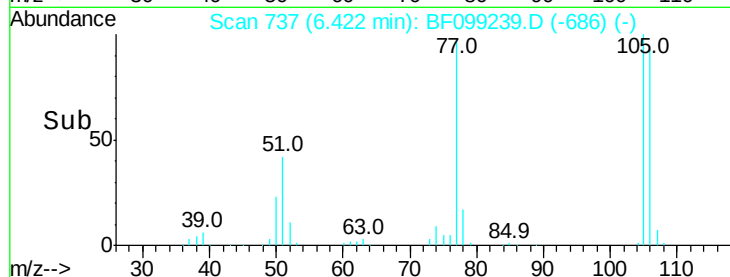
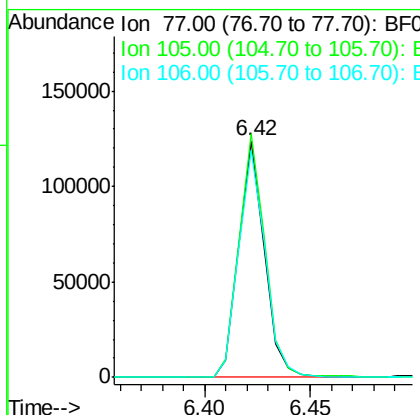
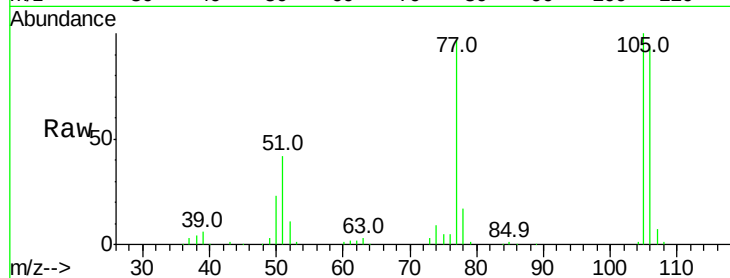
ClientSampleId :

MH-21MSD

Tot Ion:	77	Resp:	104023
Ion Ratio	Lower	Upper	
77	100		
105	103.2	81.1	121.1
106	96.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.760 ng

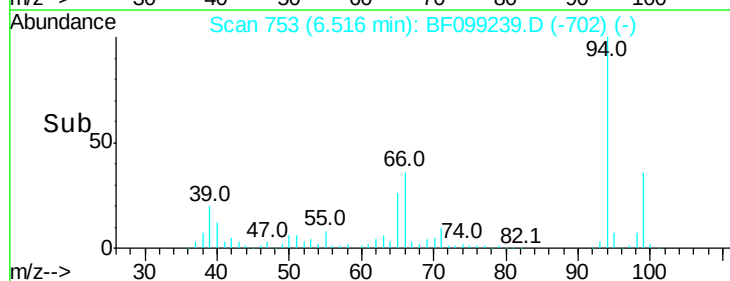
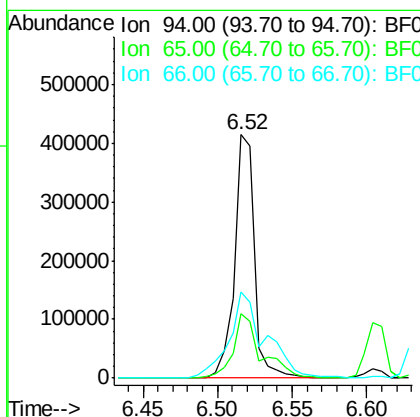
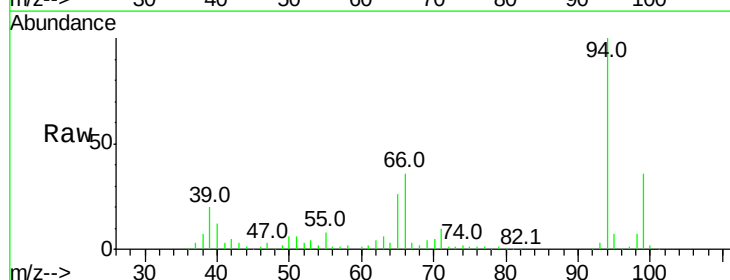
RT: 6.52 min Scan# 753

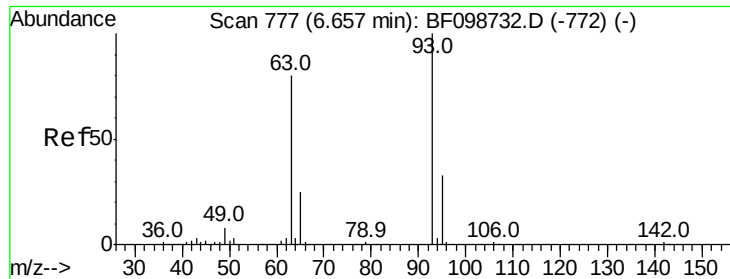
Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	94	Resp:	390439
Ion Ratio	Lower	Upper	
94	100		
65	26.5	7.9	47.9
66	35.6	16.2	56.2





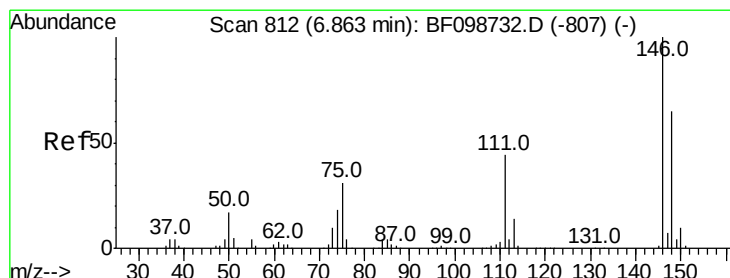
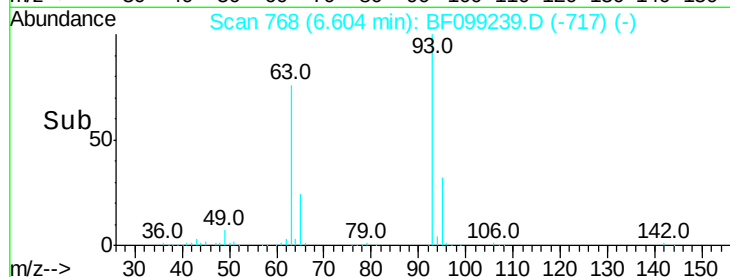
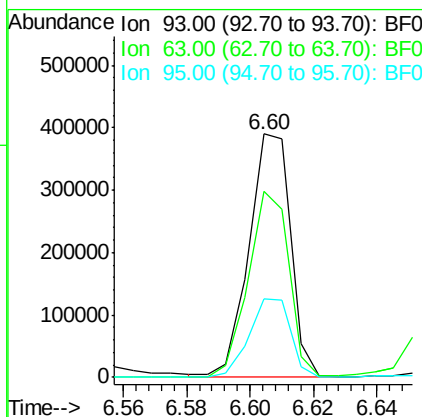
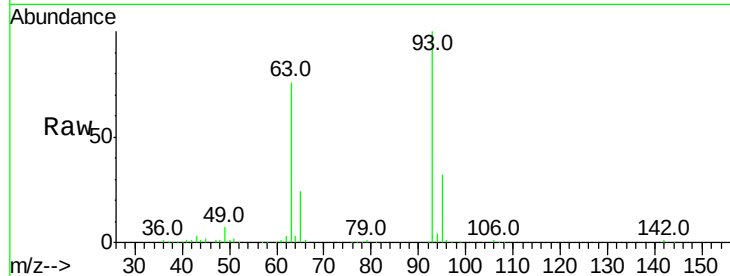
#11
bis(2-Chloroethyl)ether
Concen: 41.706 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.5	11.8	51.8

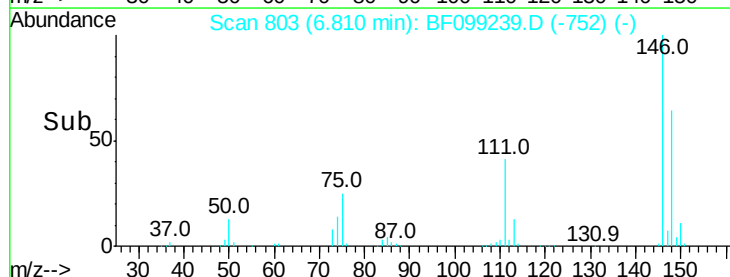
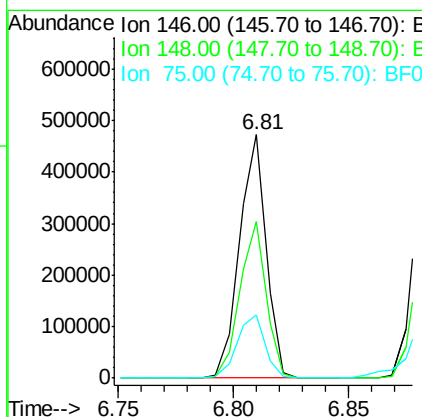
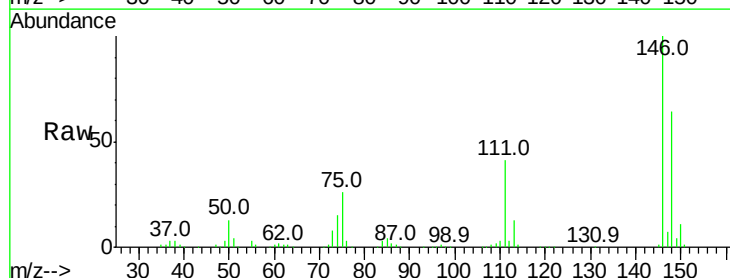
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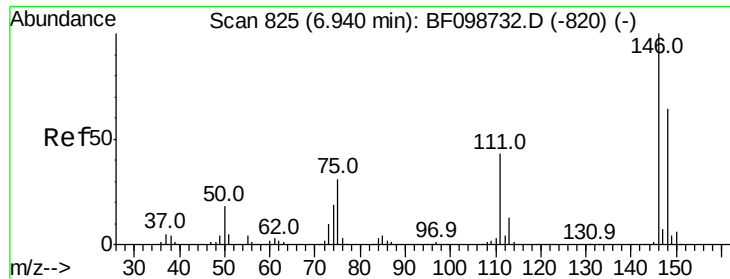
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#12
1,3-Dichlorobenzene
Concen: 40.555 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	25.8	24.2	36.4





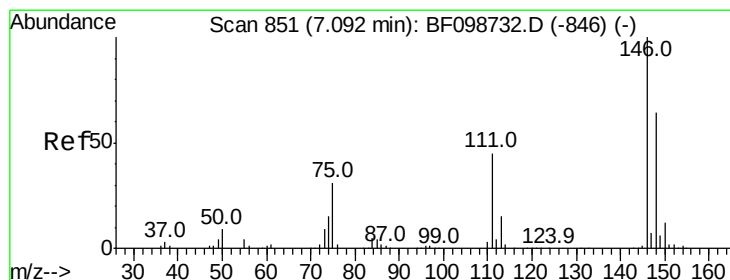
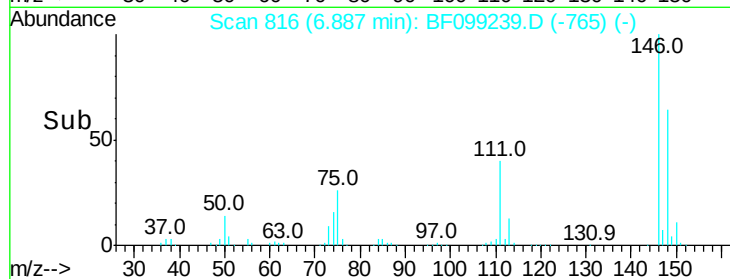
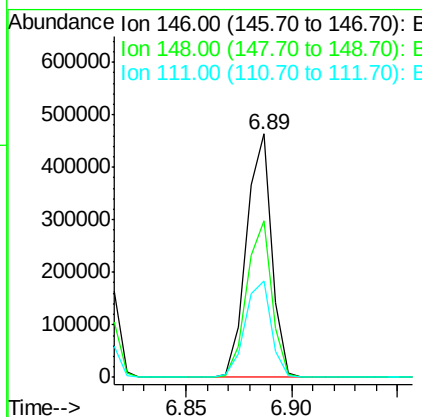
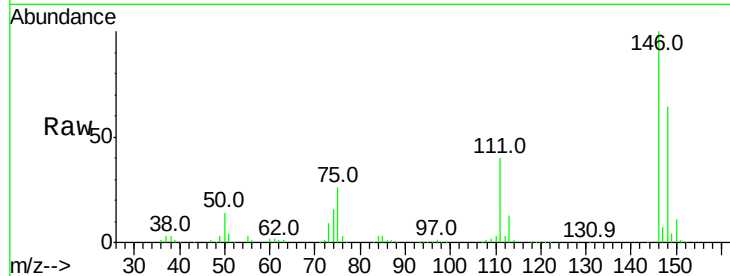
#13
 1,4-Dichlorobenzene
 Concen: 40.015 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.6	34.2	51.2

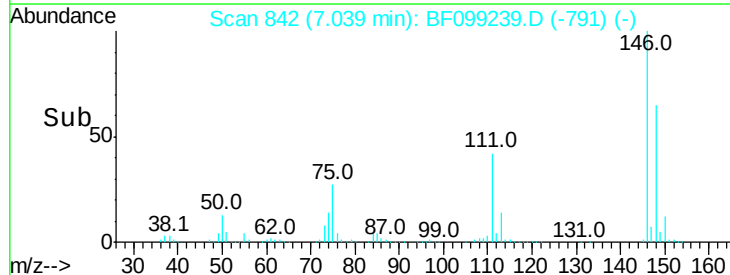
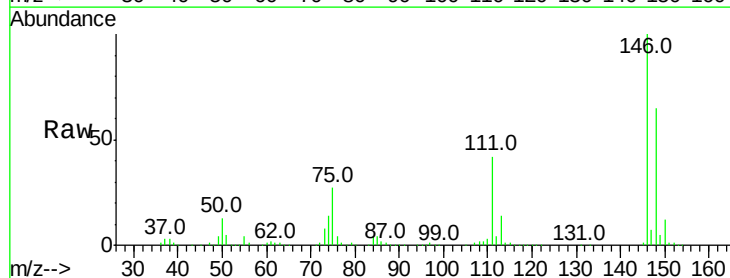
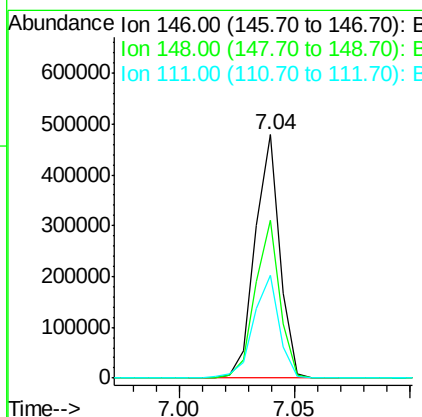
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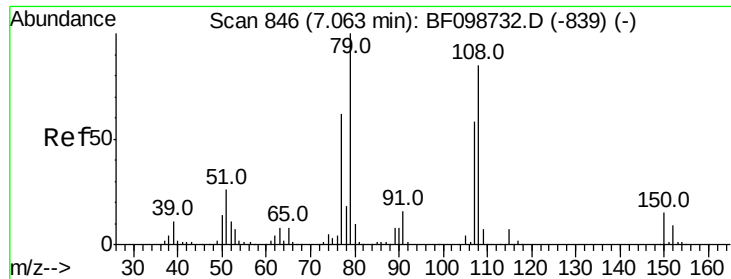
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#14
 1,2-Dichlorobenzene
 Concen: 40.763 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.0	36.0	54.0





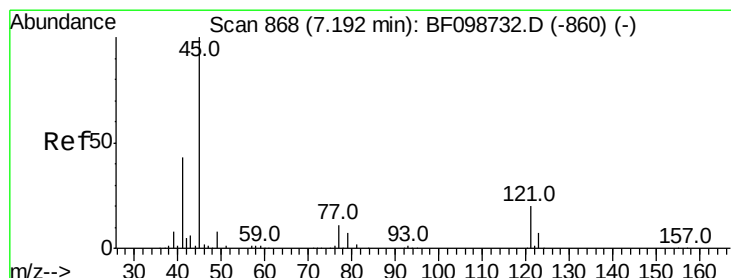
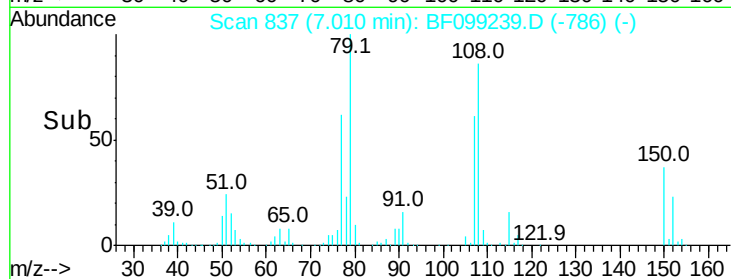
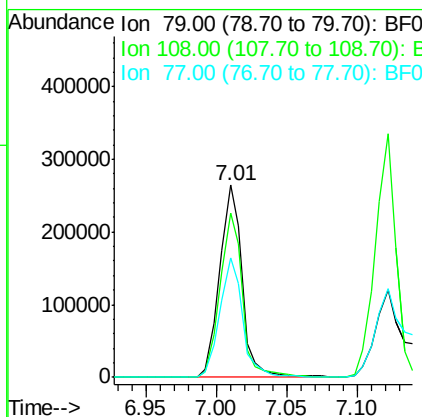
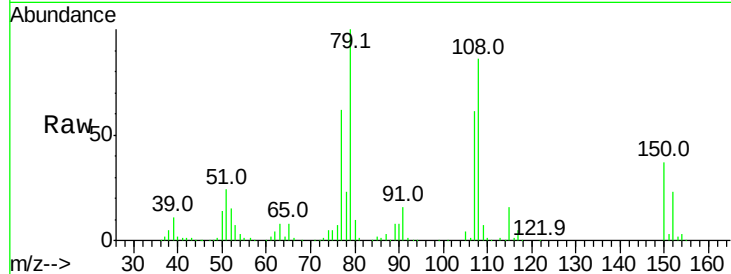
#15
Benzyl Alcohol
Concen: 40.847 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion:	79	Resp:	292550
Ion Ratio	Lower	Upper	
79	100		
108	85.7	65.1	97.7
77	62.4	50.6	75.8

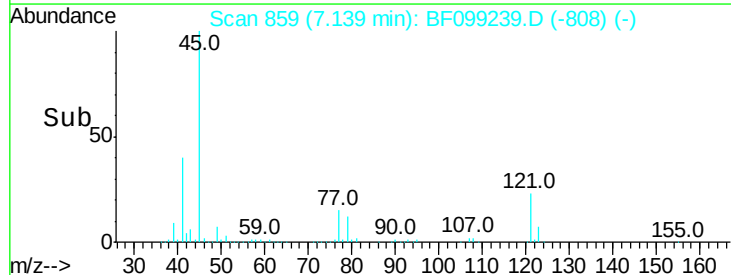
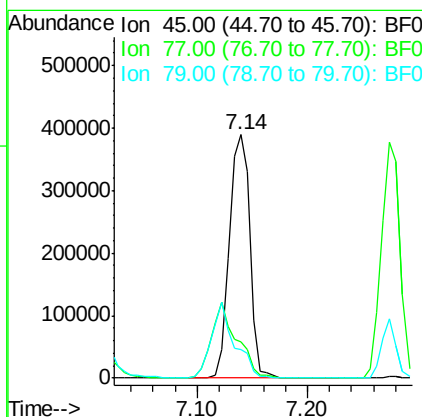
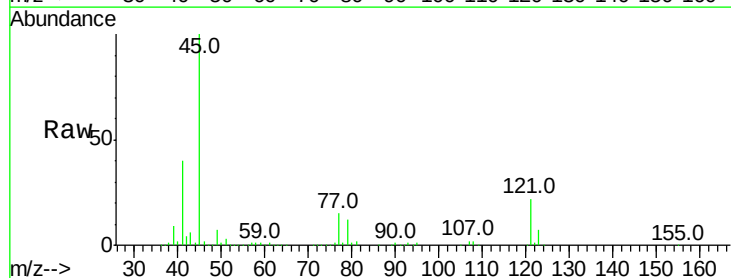
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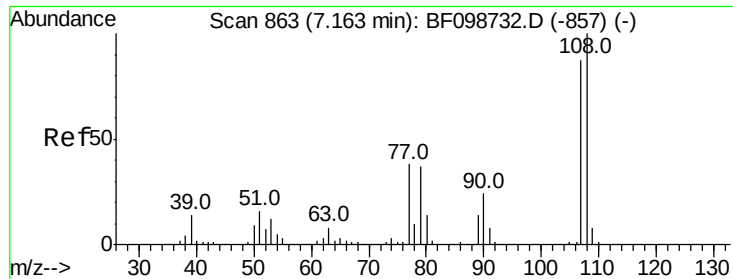
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.424 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion:	45	Resp:	508144
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	32.9
79	11.9	0.0	29.6





#17

2-Methylphenol

Concen: 41.694 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

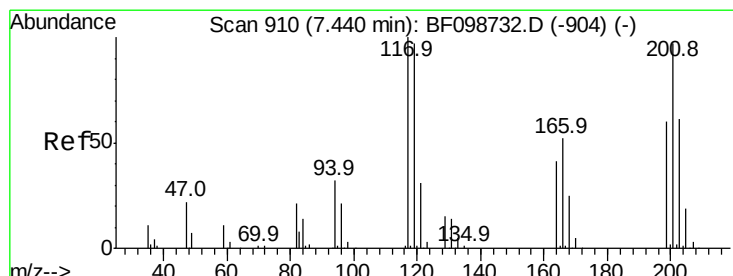
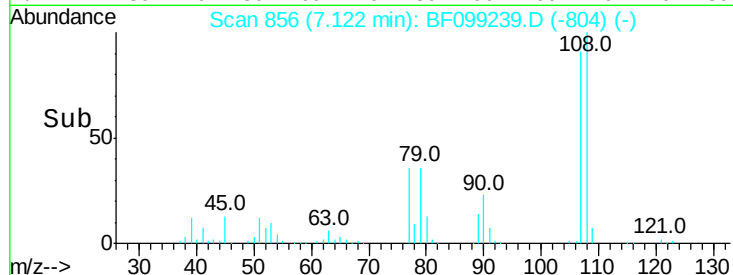
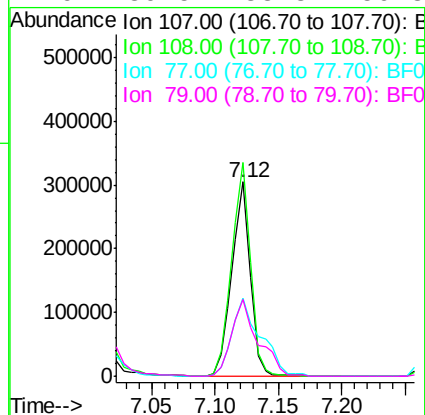
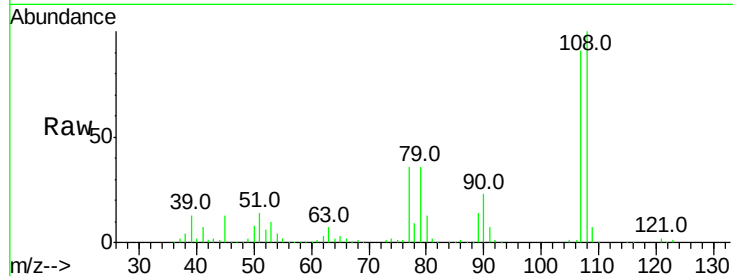
ClientSampled :

MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.7	137.5	
77	39.9	33.8	50.8	
79	39.5	33.8	50.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 38.881 ng

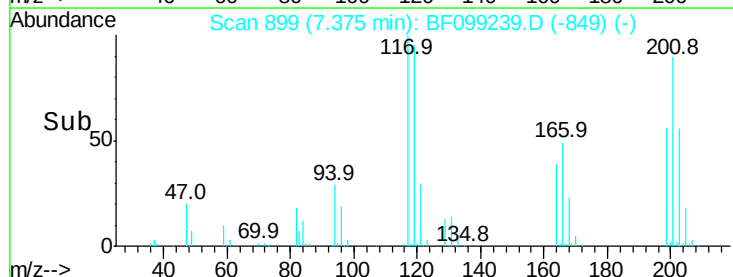
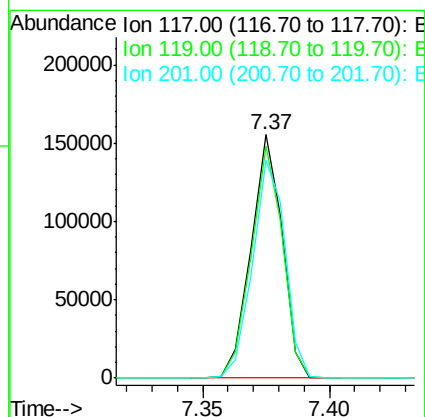
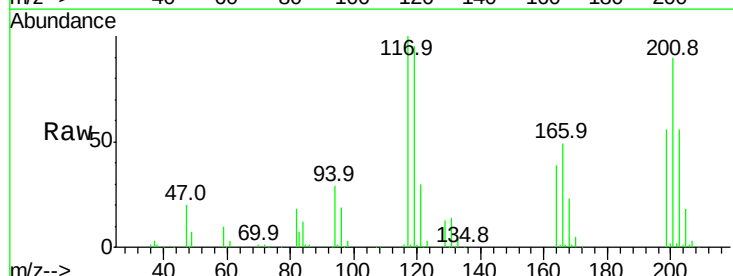
RT: 7.37 min Scan# 899

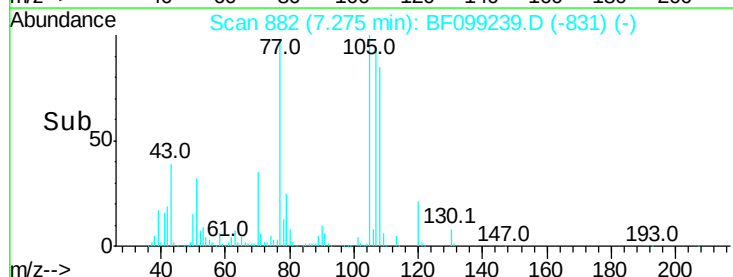
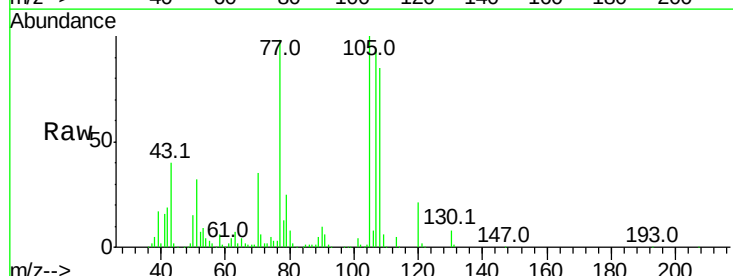
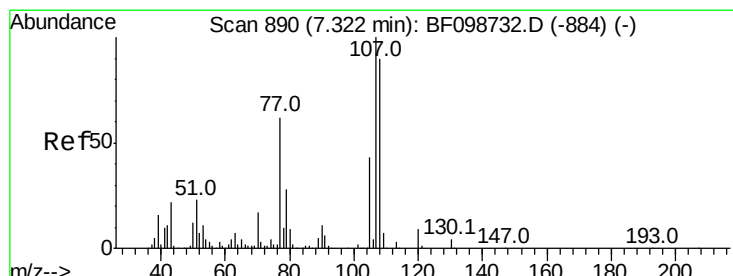
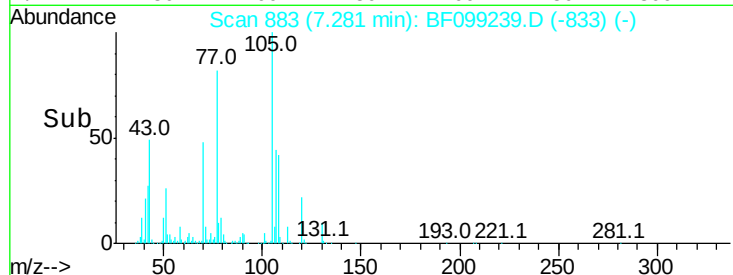
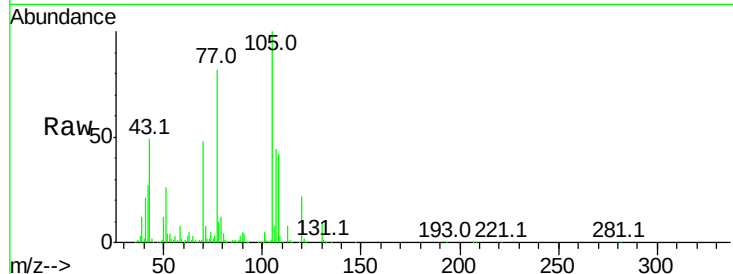
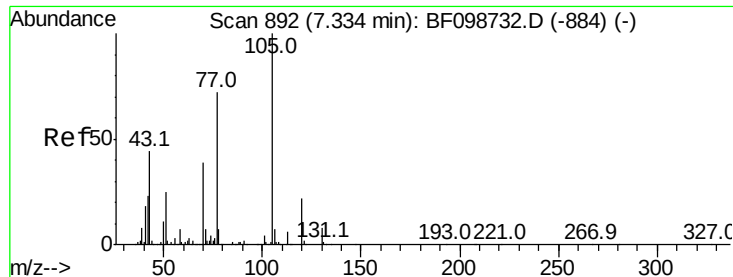
Delta R.T. -0.01 min

Lab File: BF099239.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	89.6	75.7	113.5	





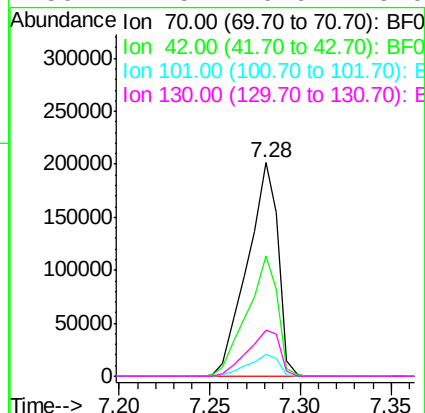
#19
n-Nitroso-di-n-propylamine
Concen: 38.035 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	47.5	71.3	
101	10.1	7.4	11.2	
130	21.5	16.6	25.0	

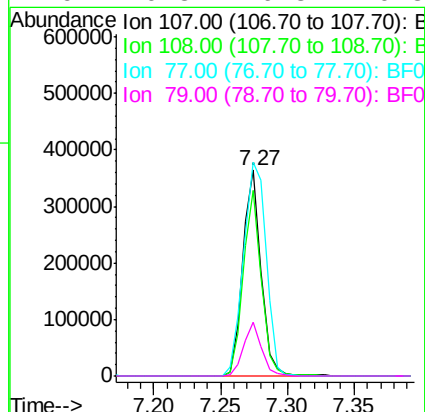
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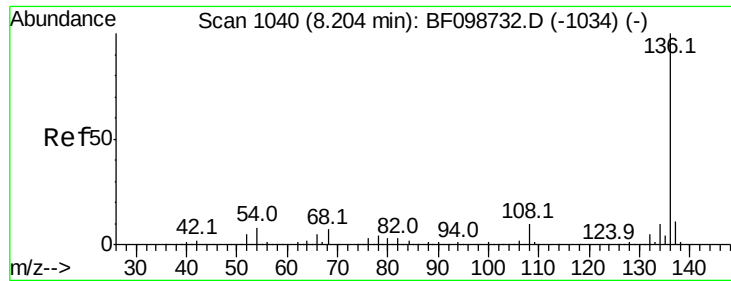
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#20
3+4-Methylphenols
Concen: 37.652 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	68.2	108.2	
77	103.9	26.7	66.7#	
79	26.3	6.3	46.3	





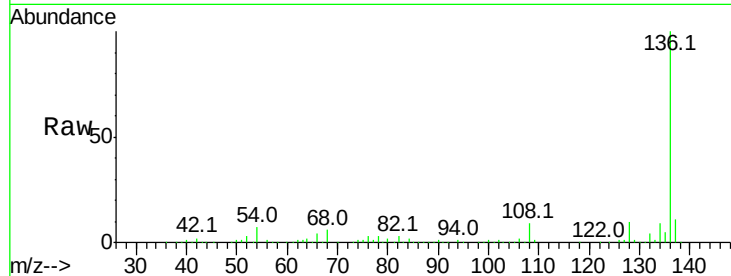
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

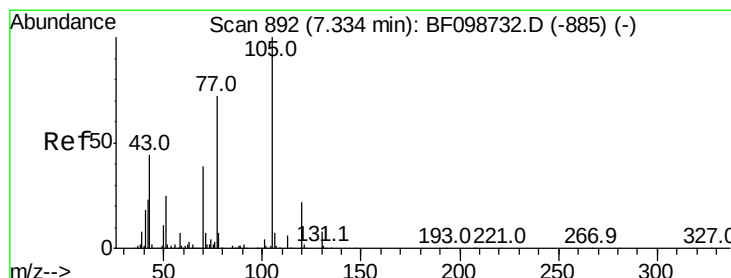
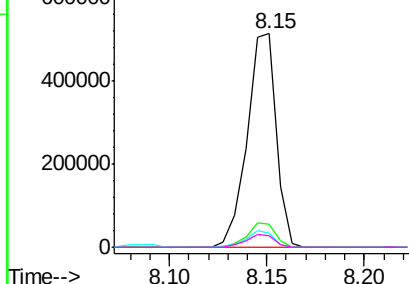
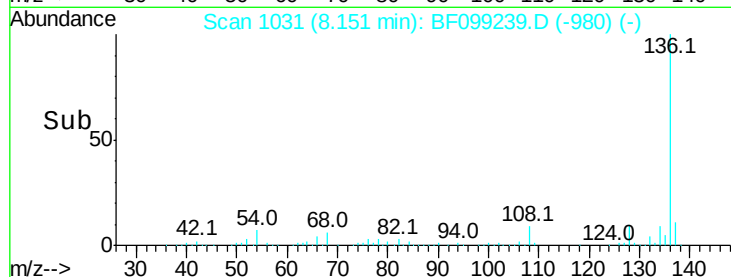
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4

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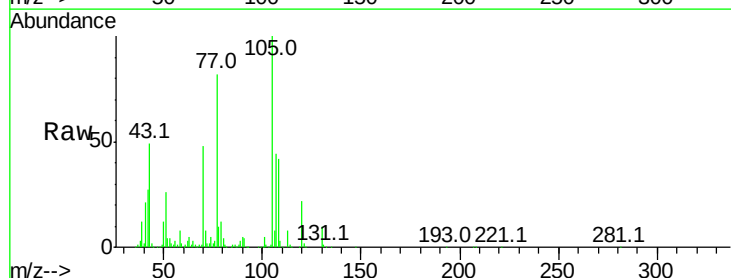


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

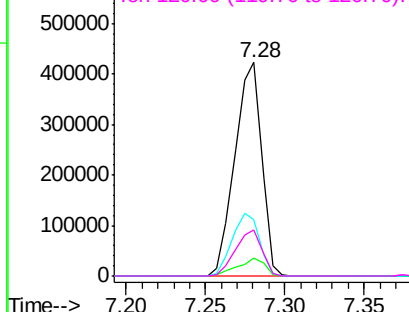
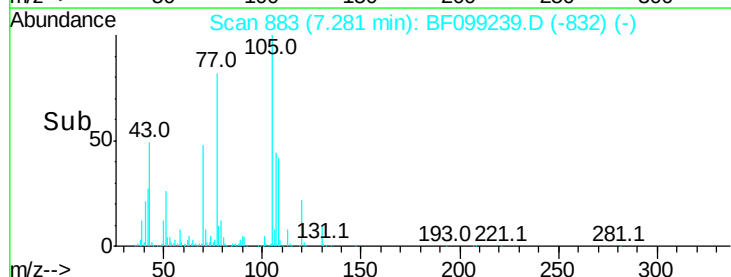


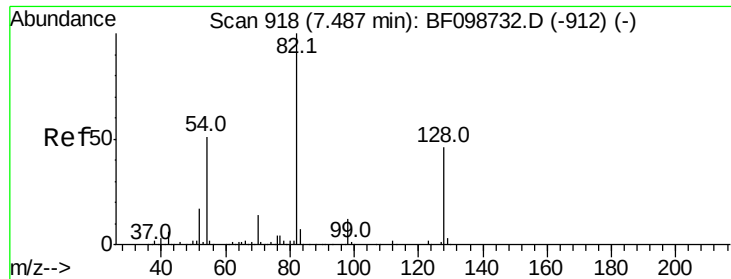
#22
Acetophenone
Concen: 38.424 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	26.3	22.3	33.5
120	21.8	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





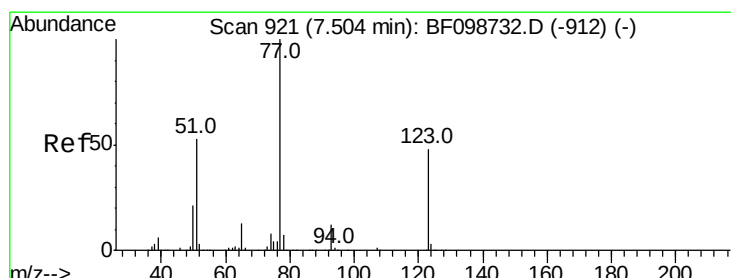
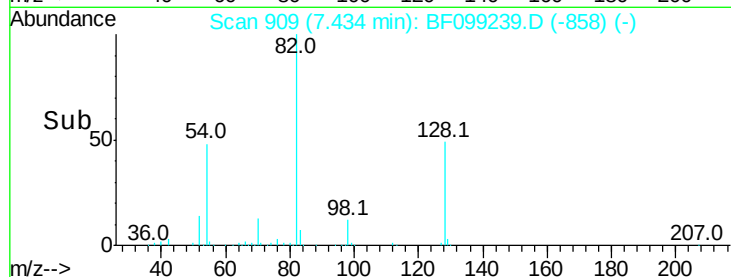
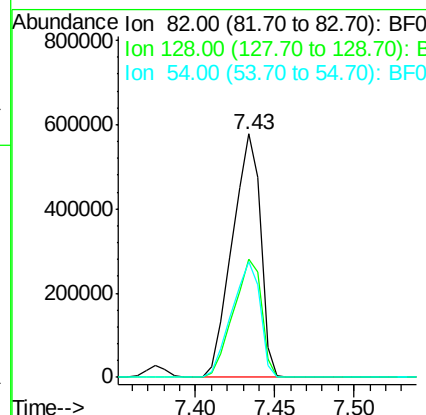
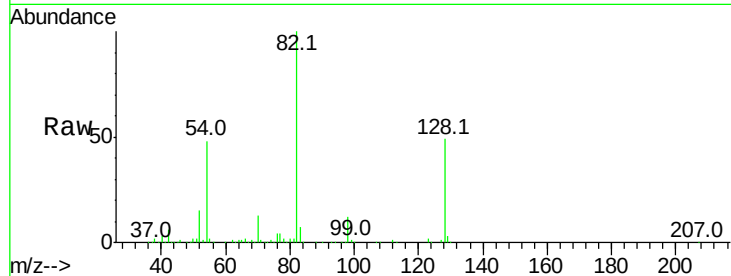
#23
 Nitrobenzene-d5
 Concen: 86.193 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	47.7	41.4	62.2

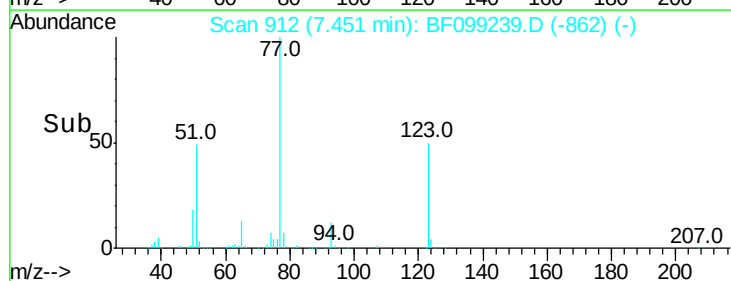
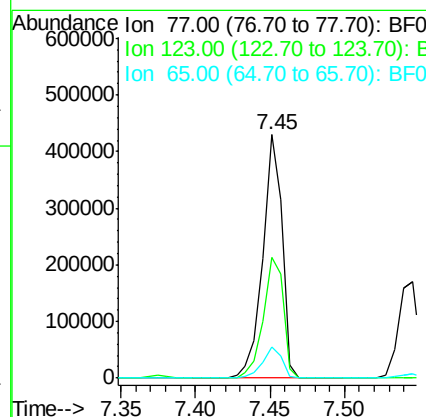
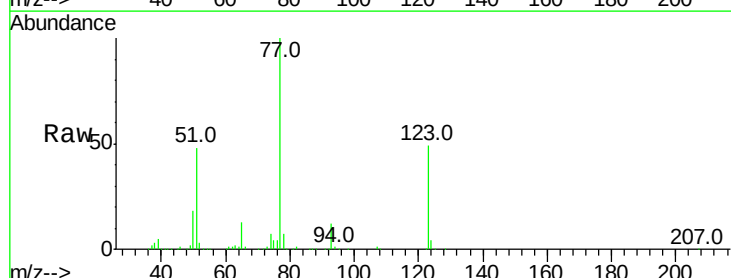
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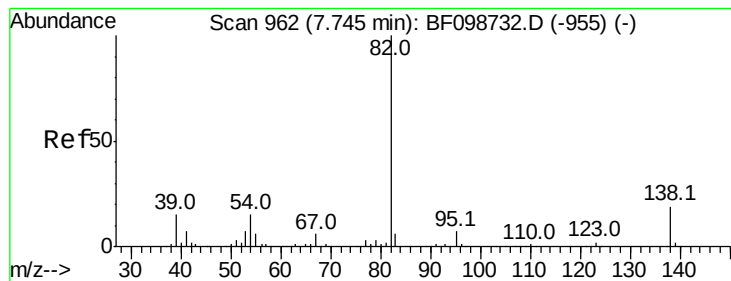
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#24
 Nitrobenzene
 Concen: 40.297 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 41.331 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

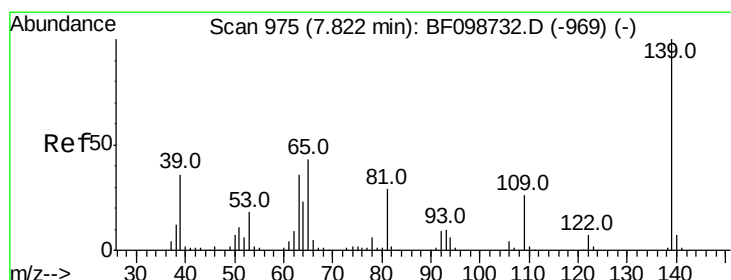
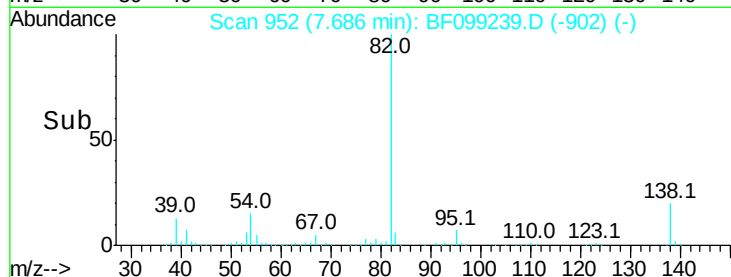
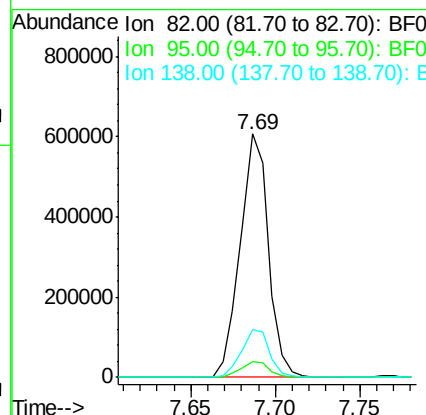
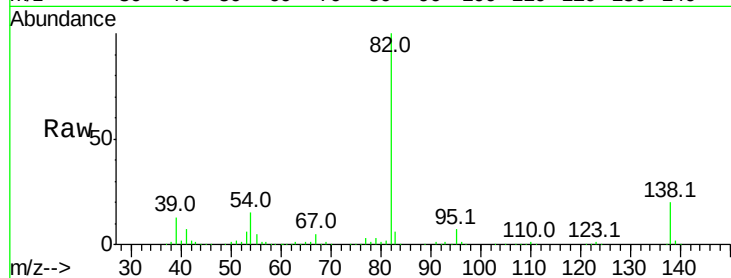
ClientSampleId :

MH-21MSD

Tot Ion:	82	Resp:	707043
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.876 ng

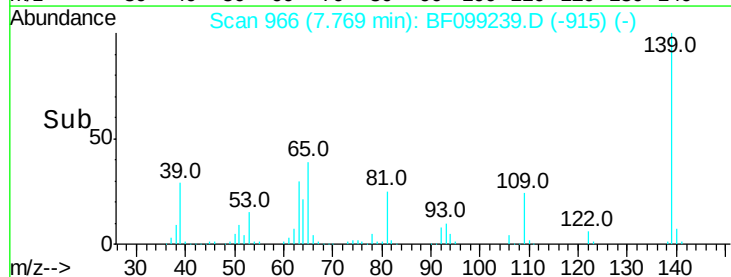
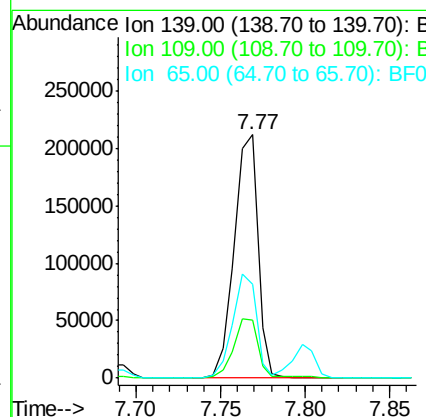
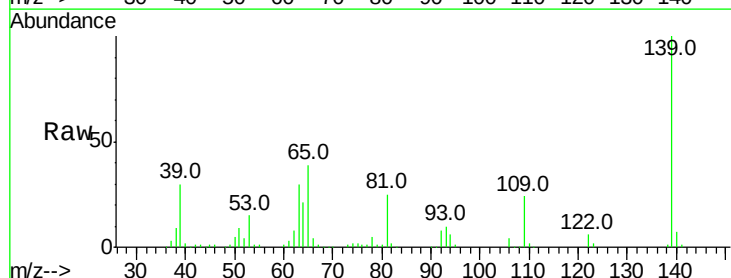
RT: 7.77 min Scan# 966

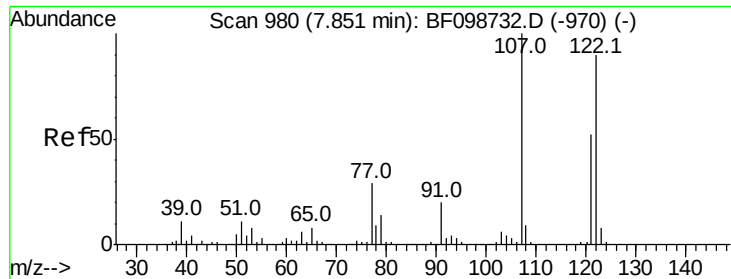
Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	139	Resp:	207061
Ion Ratio	Lower	Upper	
139	100		
109	24.1	22.7	34.1
65	38.8	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 39.345 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

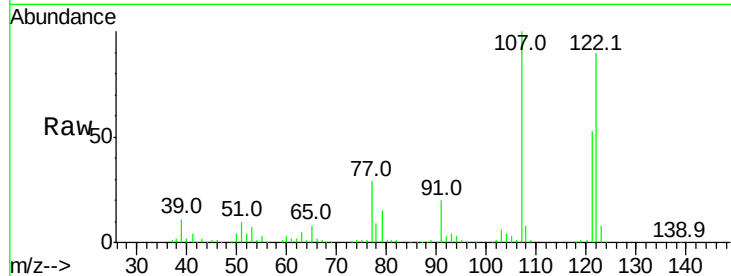
ClientSampleId :

MH-21MSD

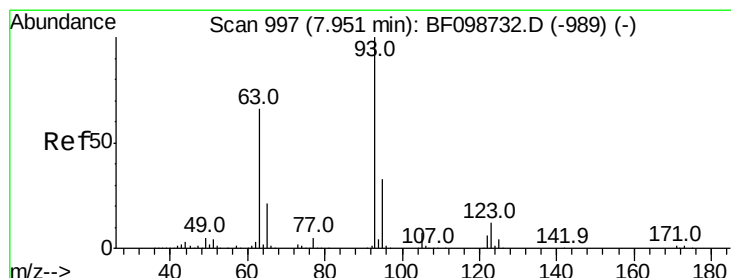
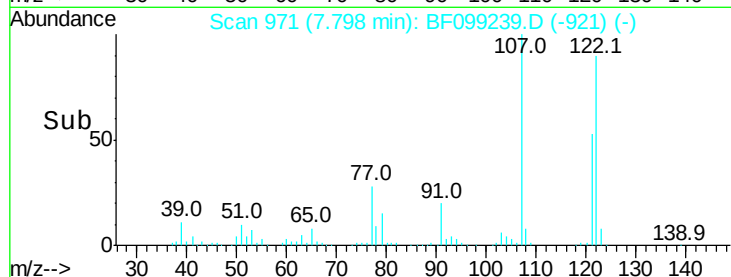
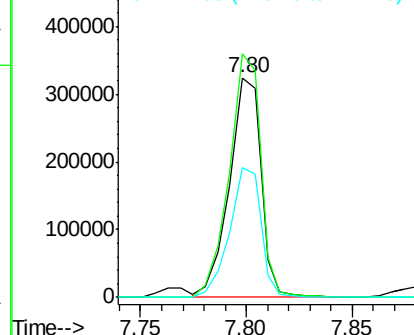
Tot Ion:	122	Resp:	335369
Ion Ratio	Lower	Upper	
122	100		
107	110.8	91.2	136.8
121	59.1	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.346 ng

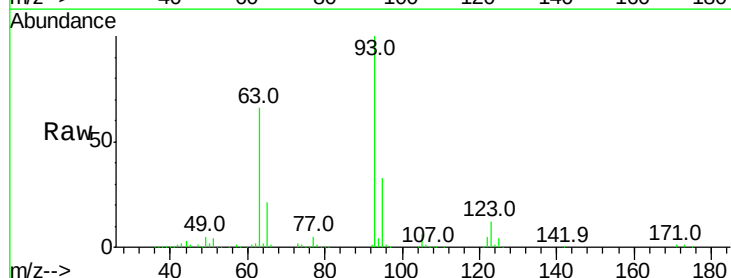
RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

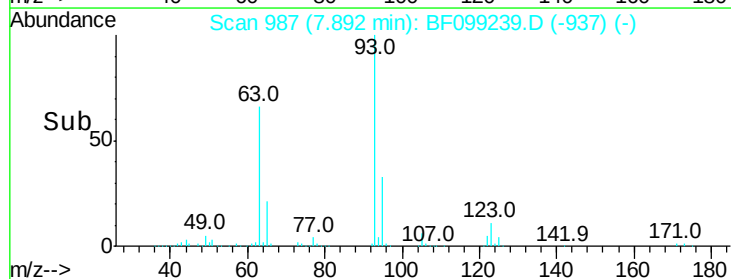
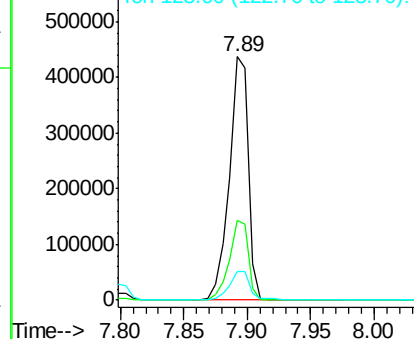
Lab File: BF099239.D

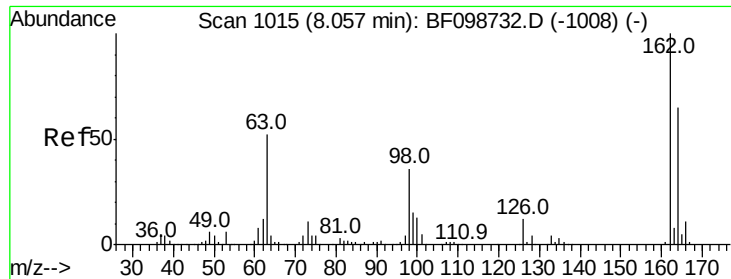
Acq: 8 Oct 2017 18:30

Tgt Ion:	93	Resp:	451441
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.6	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





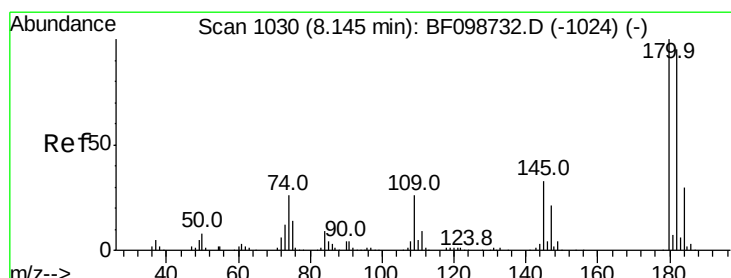
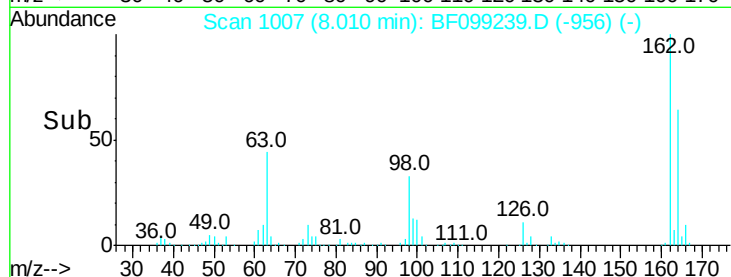
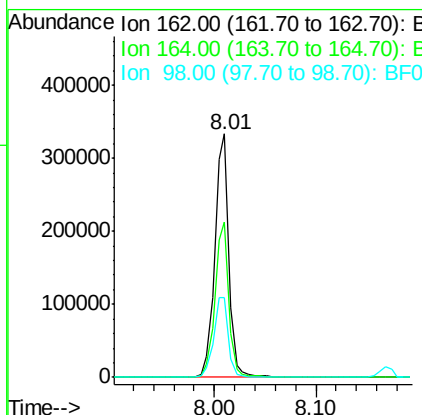
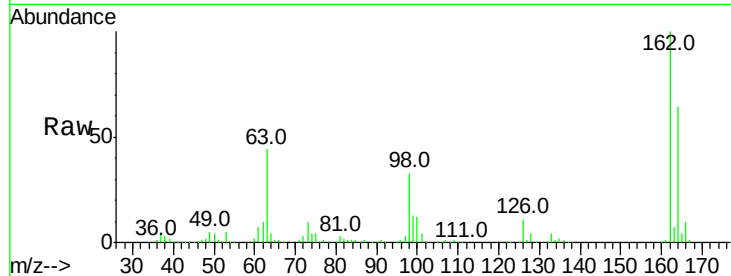
#29
 2,4-Dichlorophenol
 Concen: 43.885 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	42.7	82.7
98	32.6	18.1	58.1

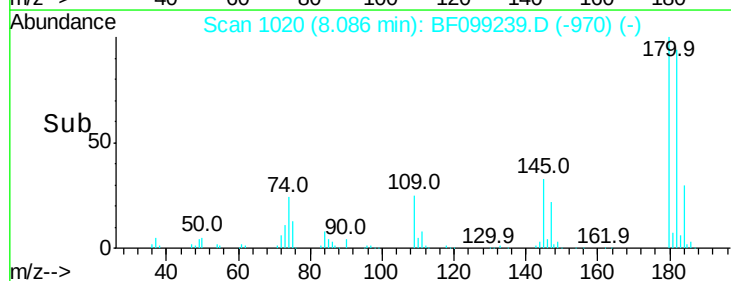
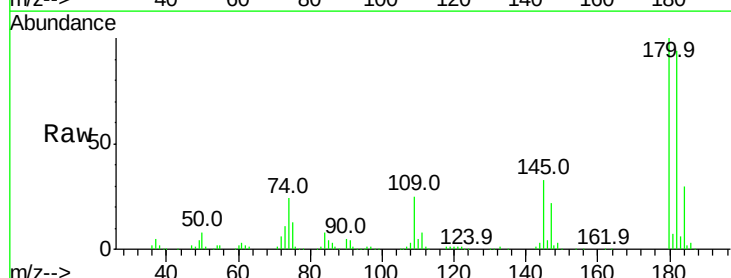
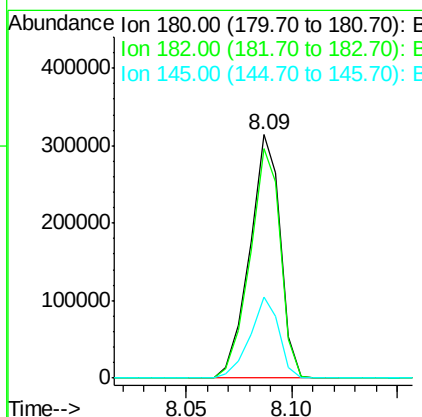
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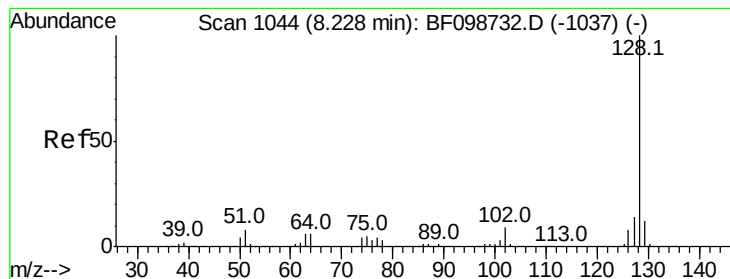
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.090 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	76.8	115.2
145	33.2	26.5	39.7





#31

Naphthalene

Concen: 43.110 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

ClientSampled :

MH-21MSD

Tot Ion:128 Resp: 1074351

Ion Ratio Lower Upper

128 100

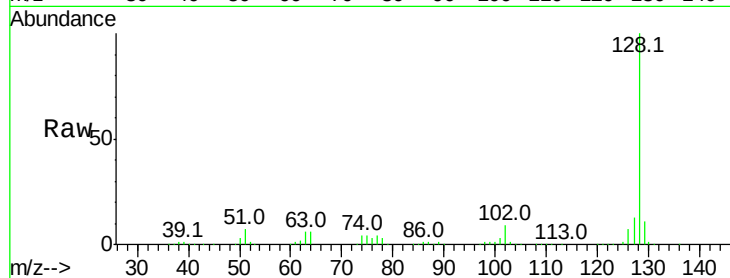
129 11.1 8.8 13.2

127 13.3 10.9 16.3

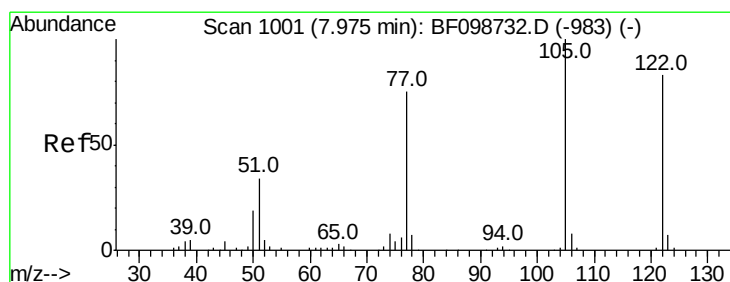
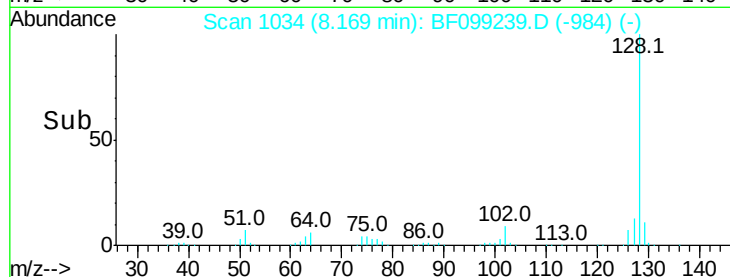
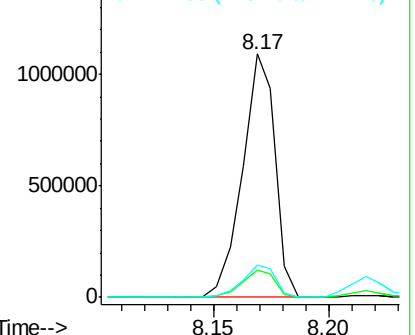
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.210 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

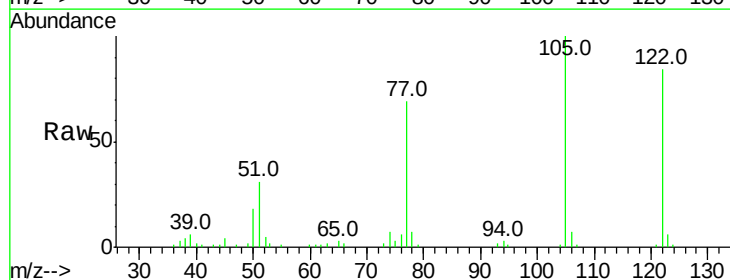
Tgt Ion:122 Resp: 113500

Ion Ratio Lower Upper

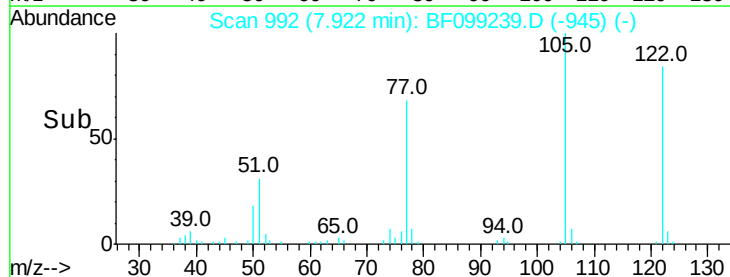
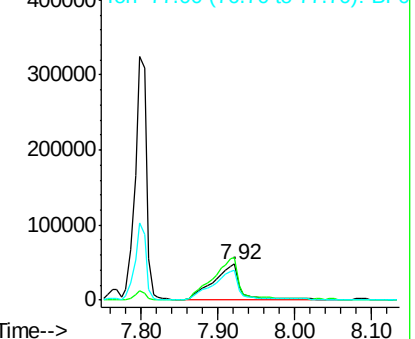
122 100

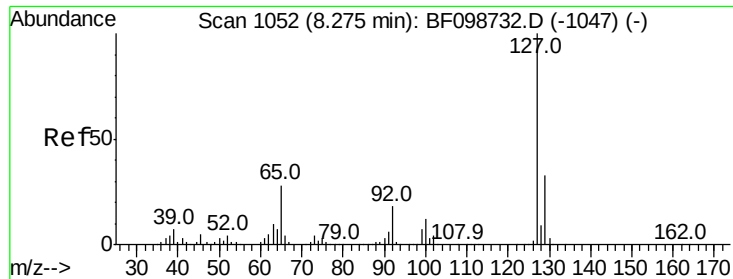
105 119.4 101.1 141.1

77 82.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





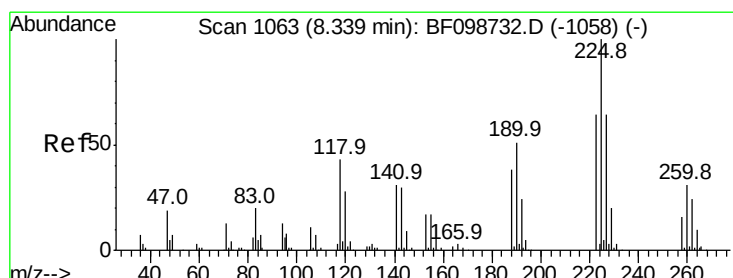
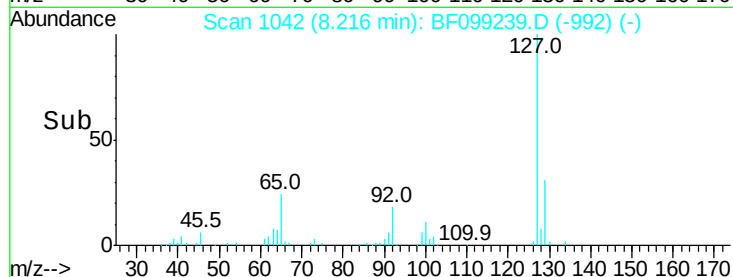
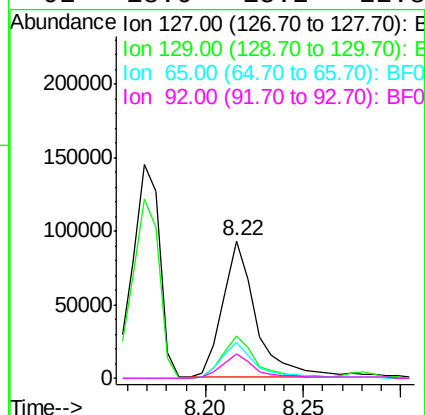
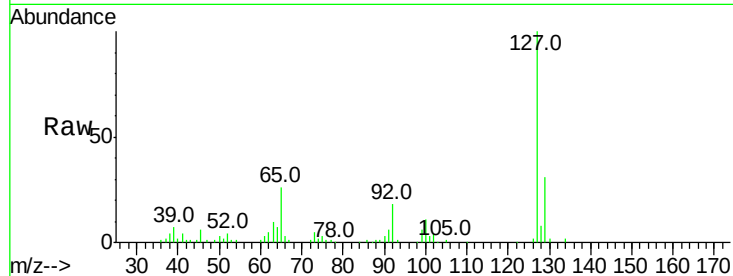
#33
4-Chloroaniline
Concen: 10.692 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	25.9	38.9		
65	26.1	25.0	37.4		
92	18.0	15.2	22.8		

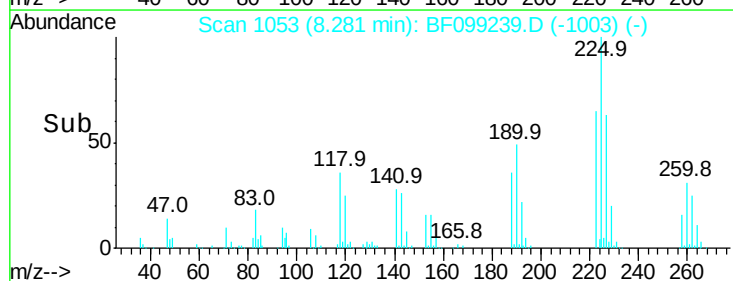
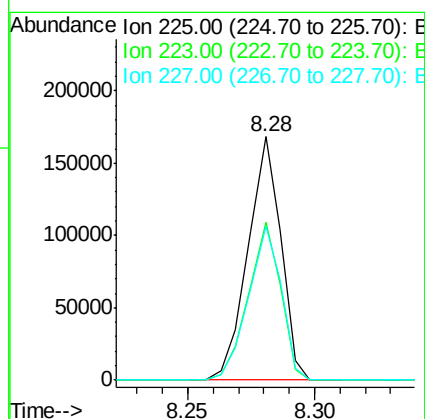
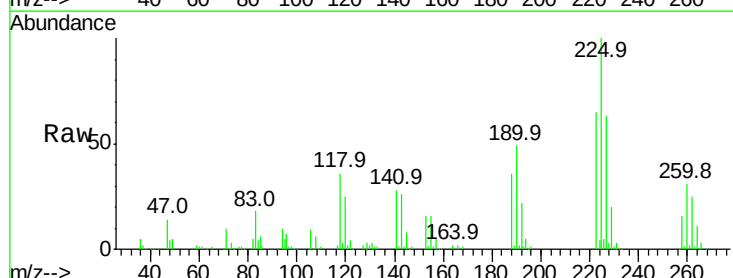
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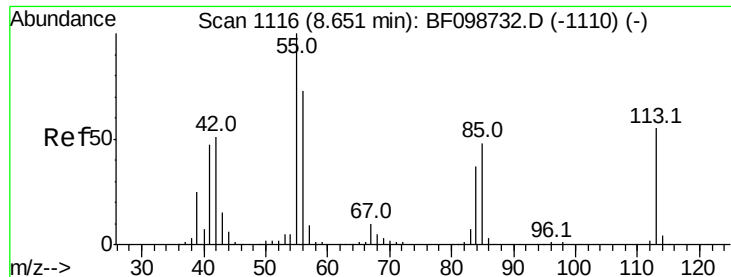
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#34
Hexachlorobutadiene
Concen: 40.142 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	50.6	76.0		
227	63.1	51.9	77.9		





#35

Caprolactam

Concen: 34.856 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

ClientSampled :

MH-21MSD

Tot Ion:113 Resp: 81826

Ion Ratio Lower Upper

113 100

55 167.6 163.3 203.3

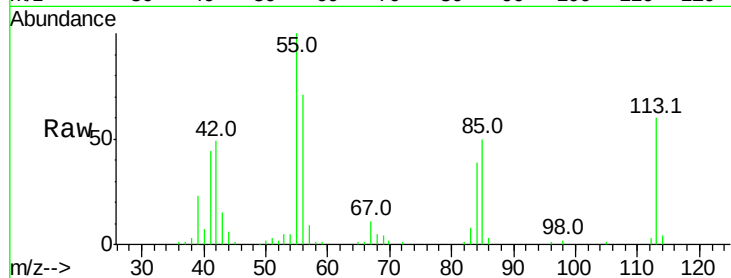
56 119.2 115.7 155.7

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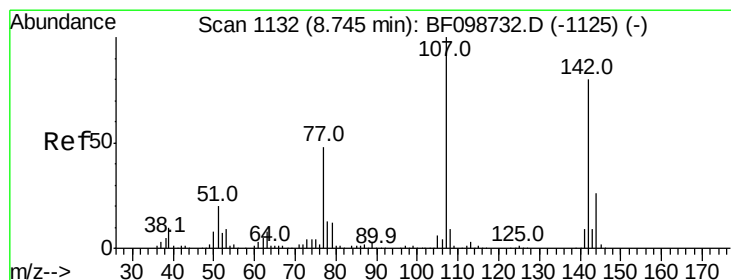
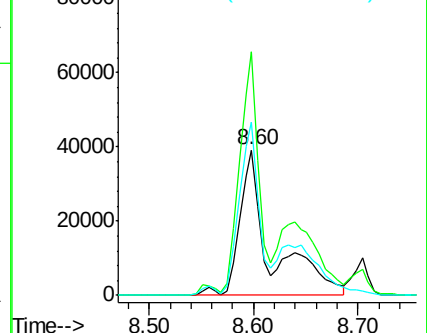
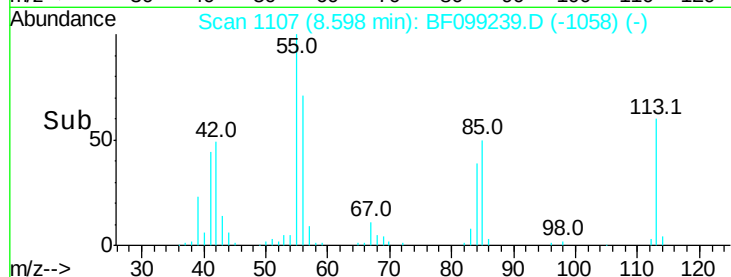
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.691 ng/mL

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

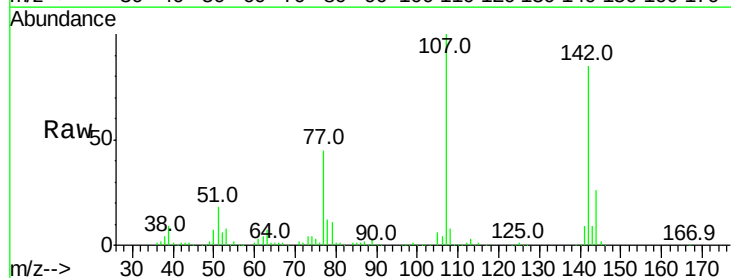
Tgt Ion:107 Resp: 334709

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

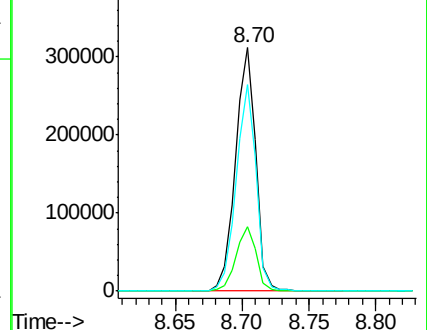
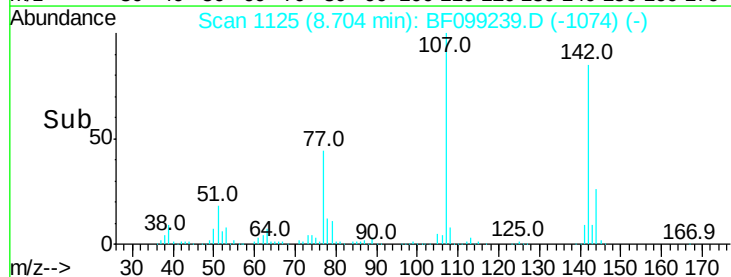
142 84.9 62.0 93.0

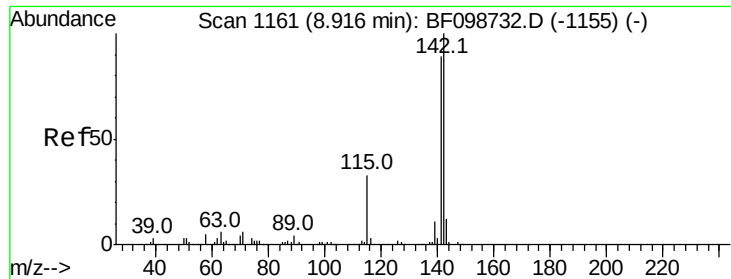


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.894 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF099239.D

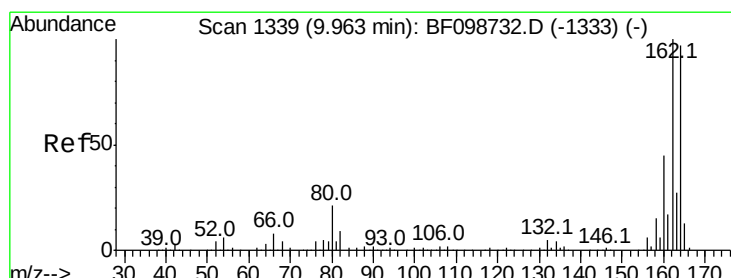
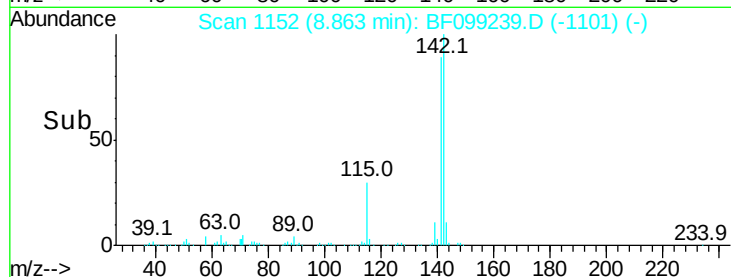
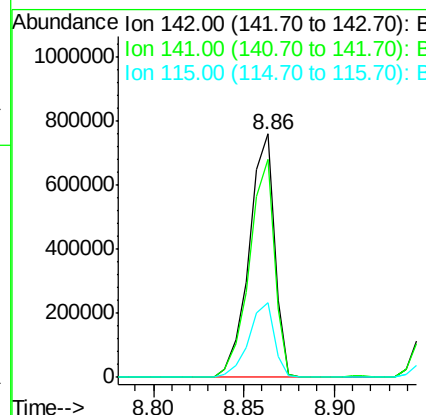
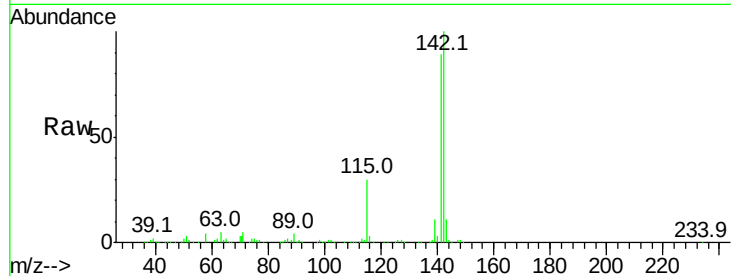
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	30.5	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

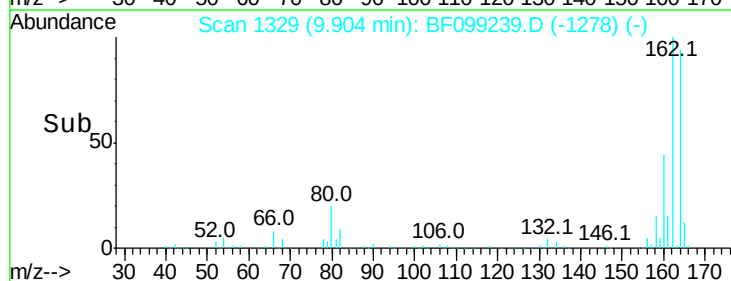
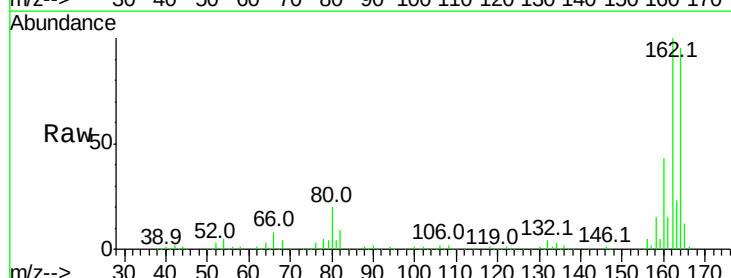
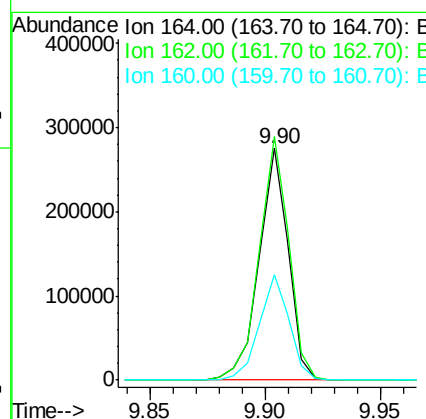
RT: 9.90 min Scan# 1329

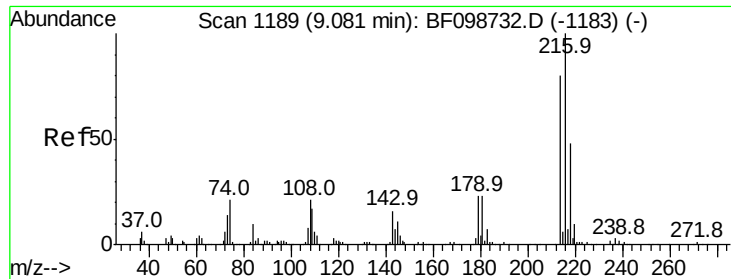
Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.358 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

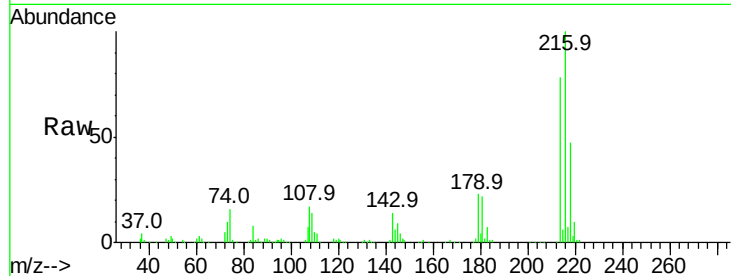
ClientSampleId :

MH-21MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.3	18.1	27.1
108	20.7	17.2	25.8

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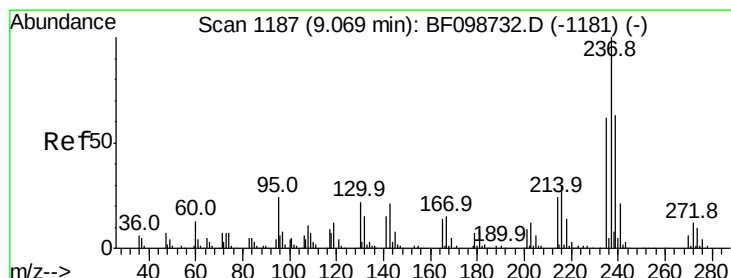
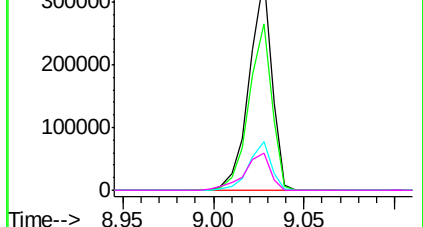
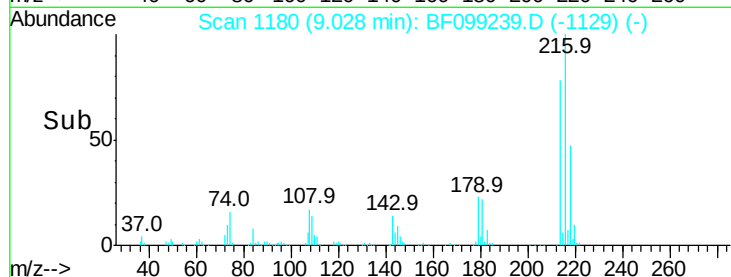


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.679 ng

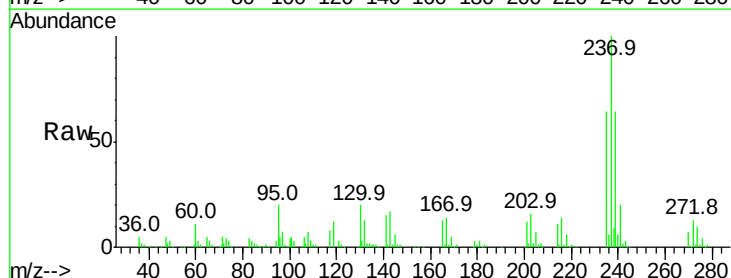
RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

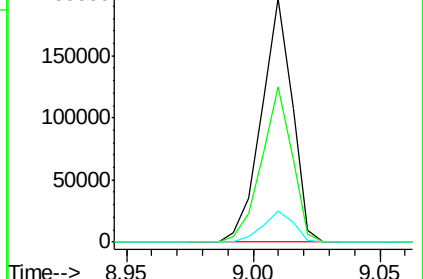
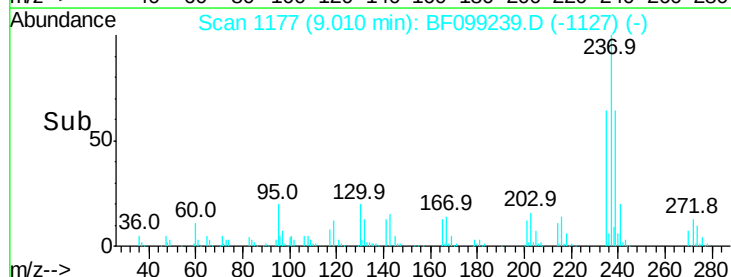
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.8	84.8
272	12.6	0.0	33.3

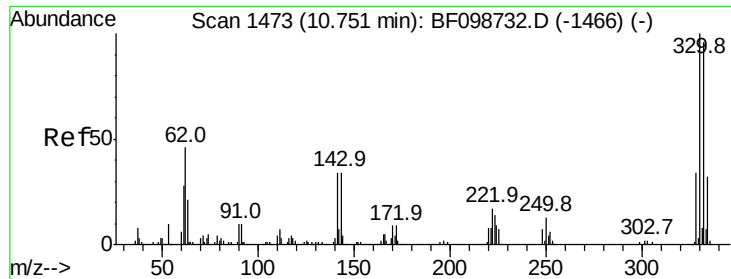


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





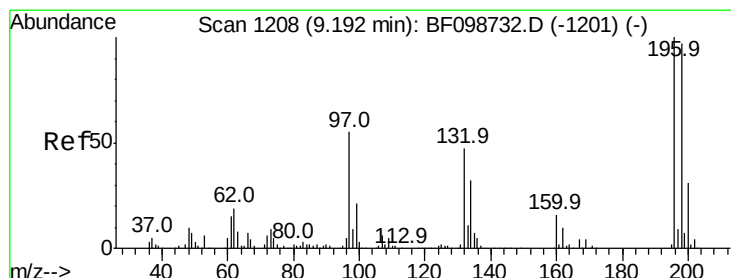
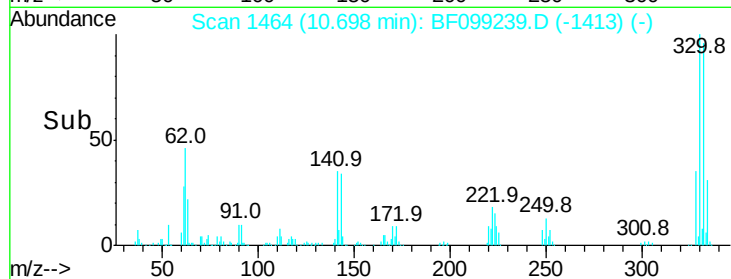
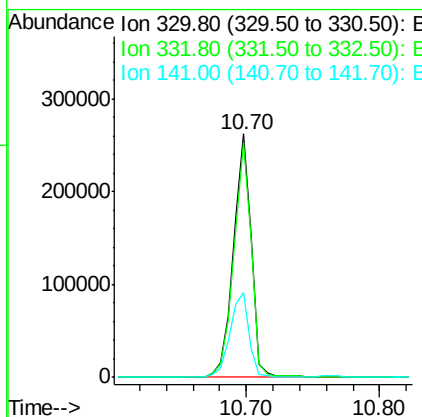
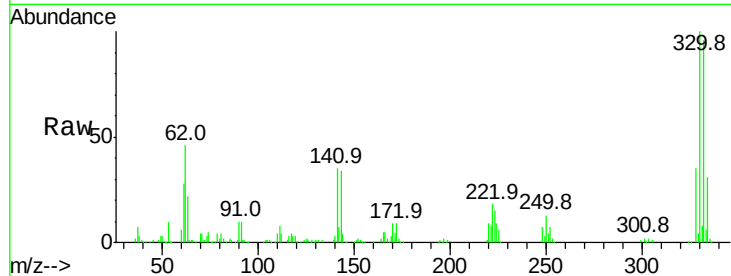
#41
 2,4,6-Tribromophenol
 Concen: 125.294 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	247908		
332	95.4	77.0	115.6	
141	37.4	29.9	44.9	

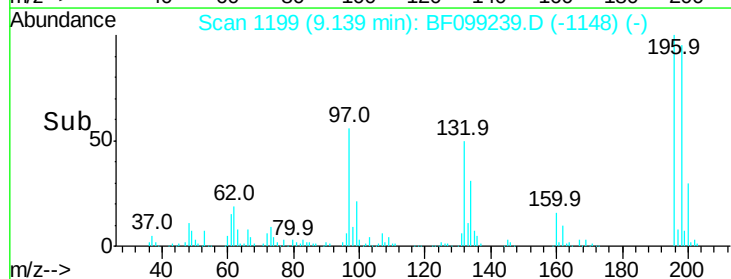
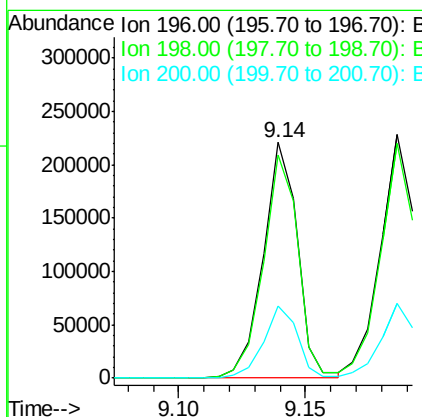
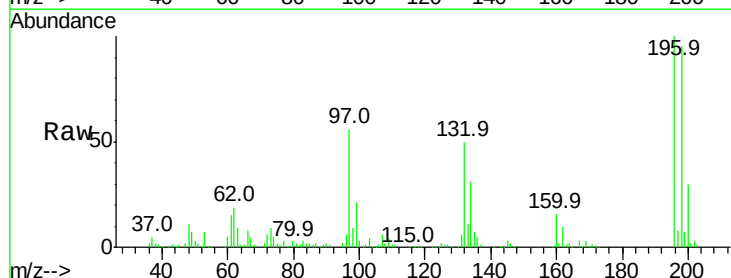
Manual Integrations
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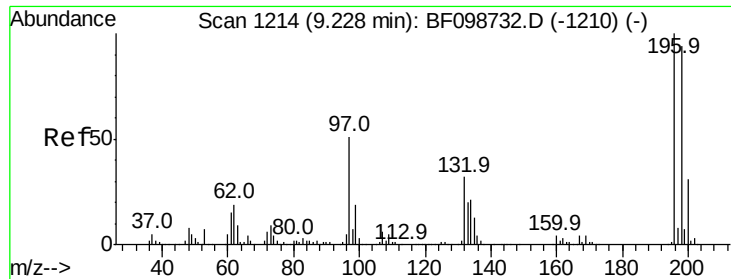
Sohil
 10/9/2017 6:36:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.635 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207589		
198	94.6	75.7	113.5	
200	30.4	24.5	36.7	





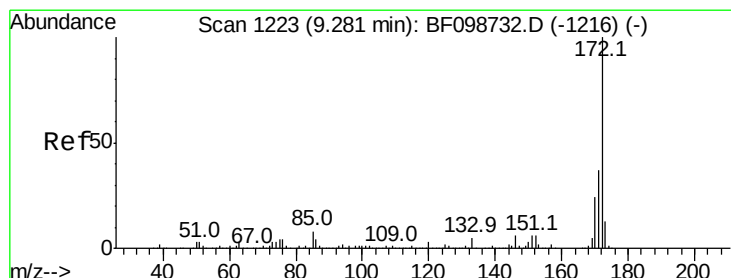
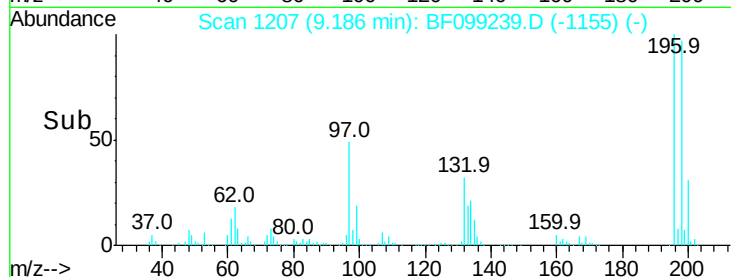
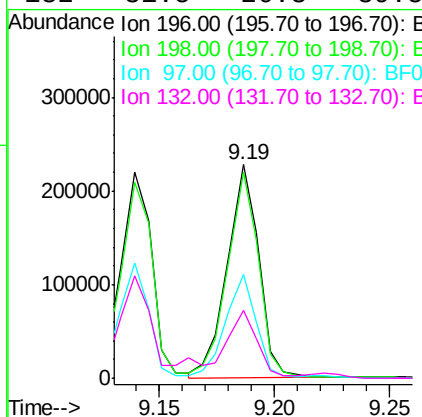
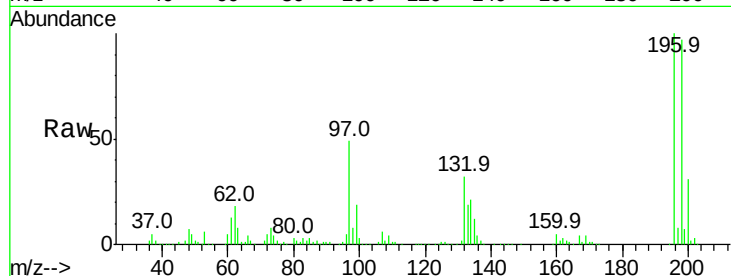
#43
 2,4,5-Trichlorophenol
 Concen: 42.602 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampled :
 MH-21MSD

Tot Ion:	196	Resp:	217257
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.6	112.0
97	48.8	42.9	64.3
132	31.5	26.3	39.5

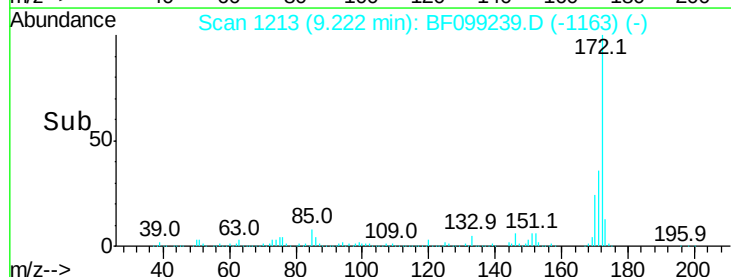
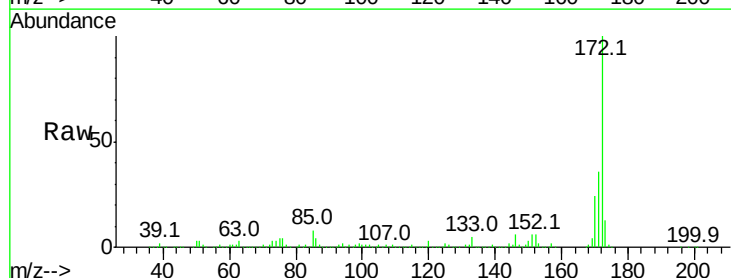
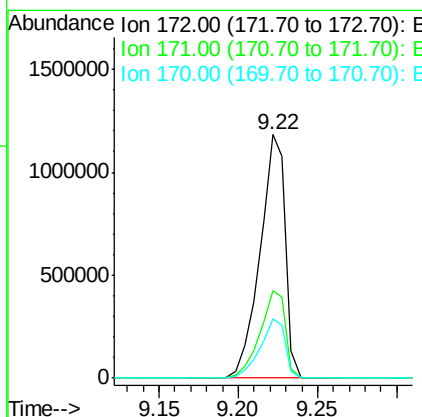
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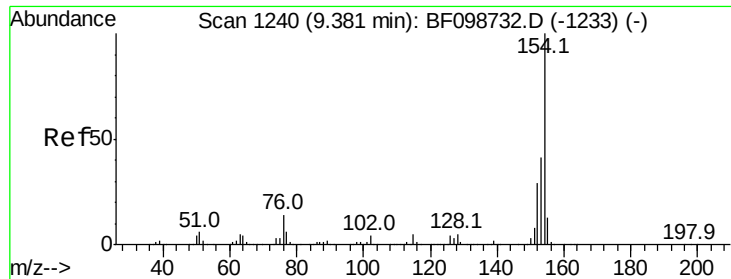
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 90.674 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion:	172	Resp:	1313349
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.869 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

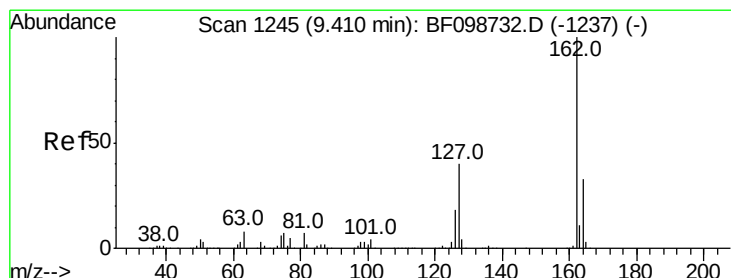
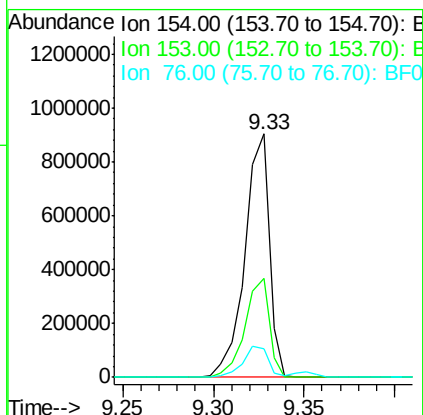
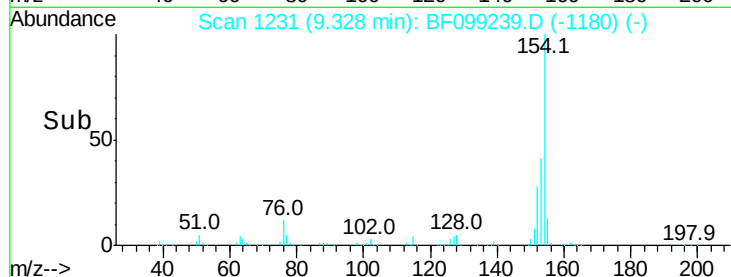
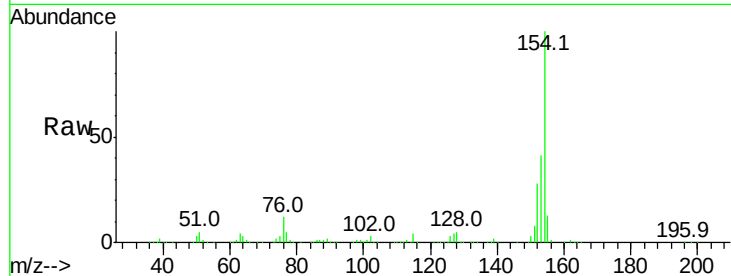
ClientSampleId :

MH-21MSD

Tot Ion:	154	Resp:	849328
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	11.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 43.468 ng

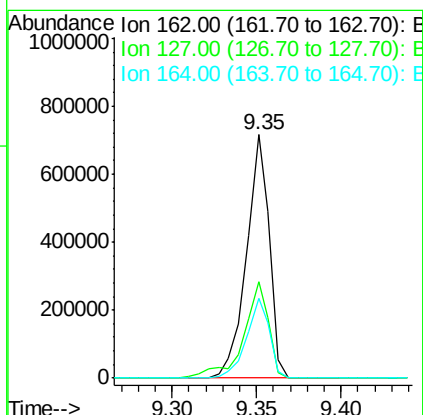
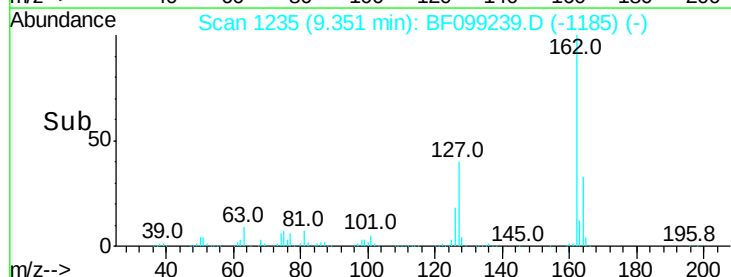
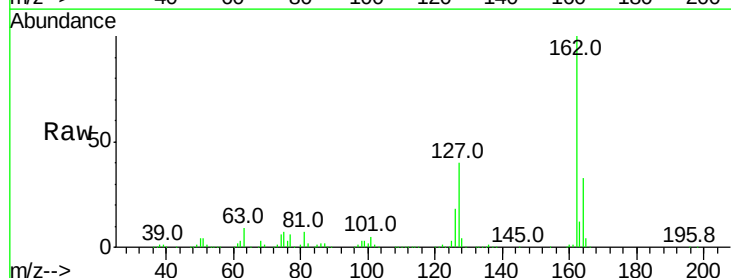
RT: 9.35 min Scan# 1235

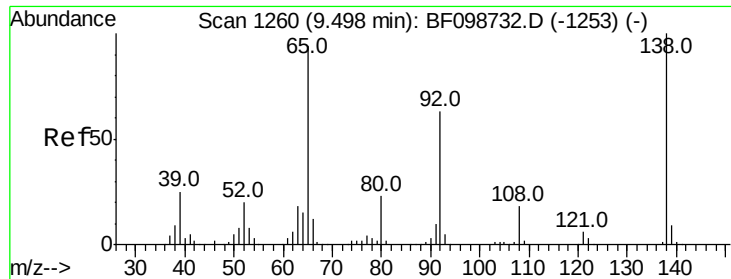
Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	162	Resp:	678247
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	32.6	26.5	39.7





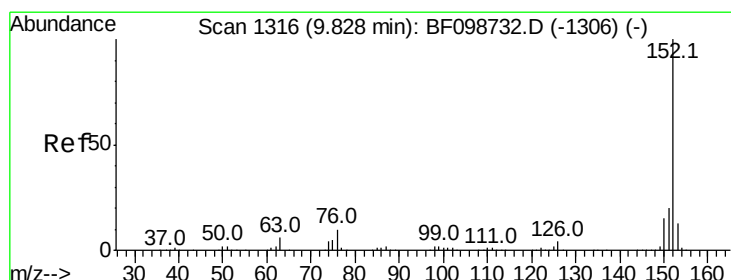
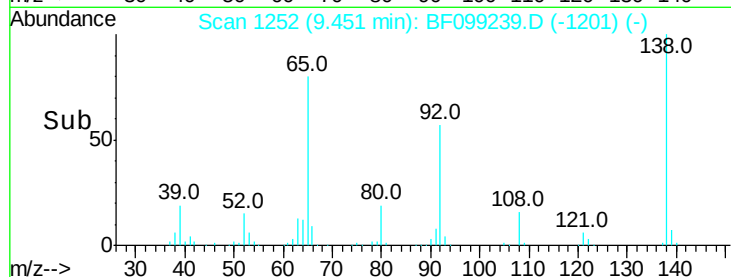
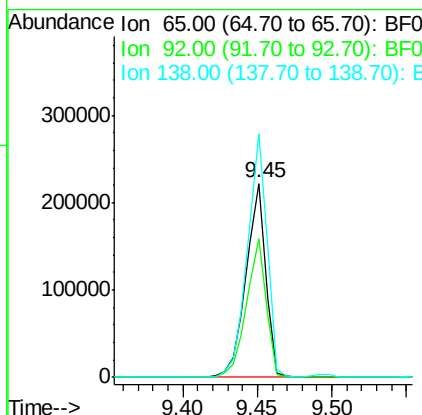
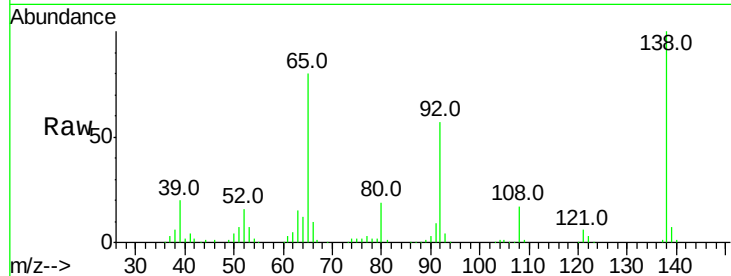
#47
2-Nitroaniline
Concen: 42.541 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.8	83.6
138	125.4	91.2	136.8

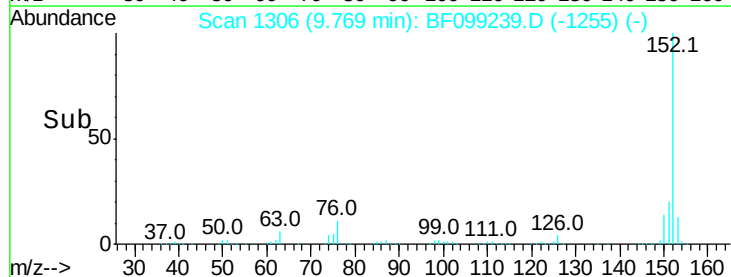
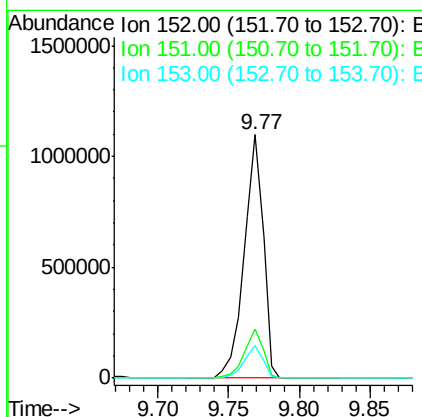
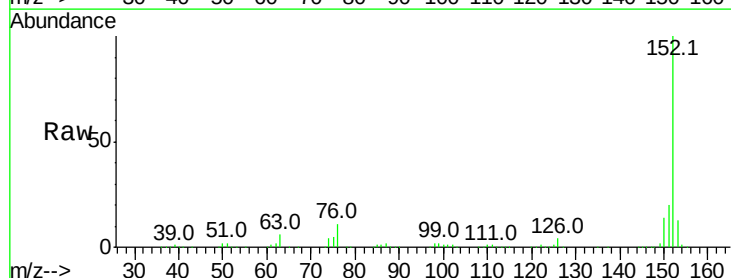
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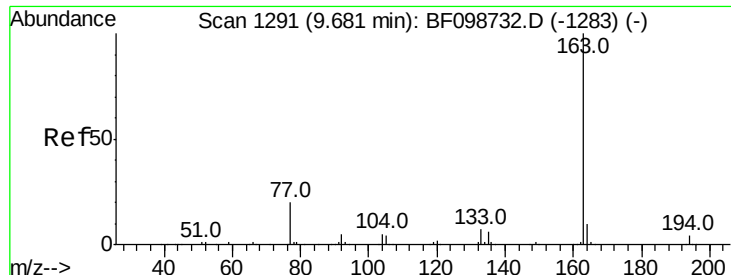
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#48
Acenaphthylene
Concen: 43.281 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





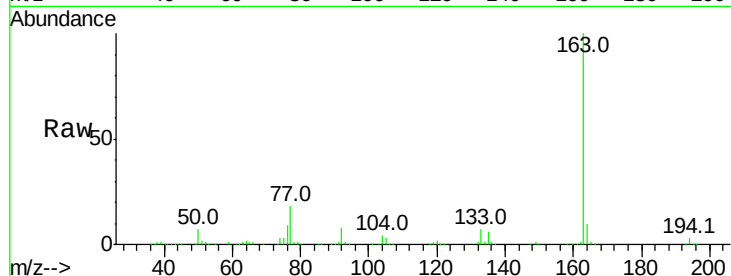
#49
Dimethylphthalate
Concen: 43.750 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampled :
MH-21MSD

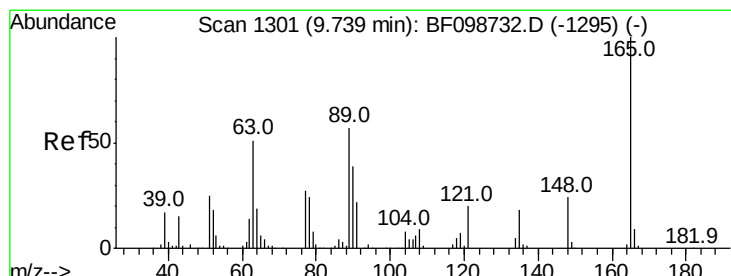
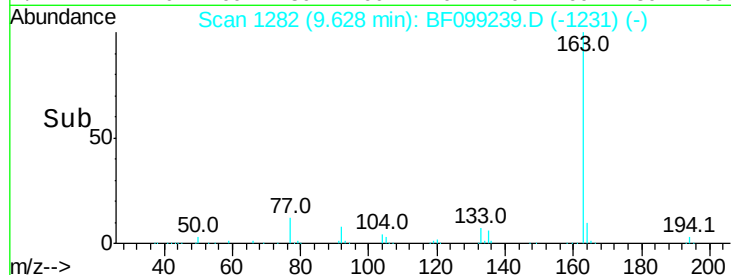
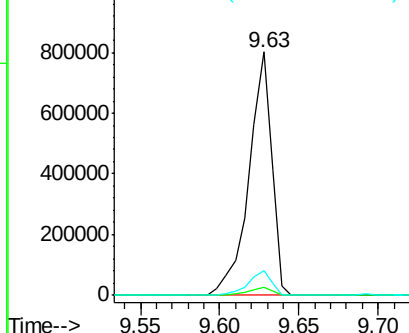
Tot Ion	Ratio	Resp	Lower	Upper
163	100	798427		
194	3.4		2.7	4.1
164	10.0		8.2	12.2

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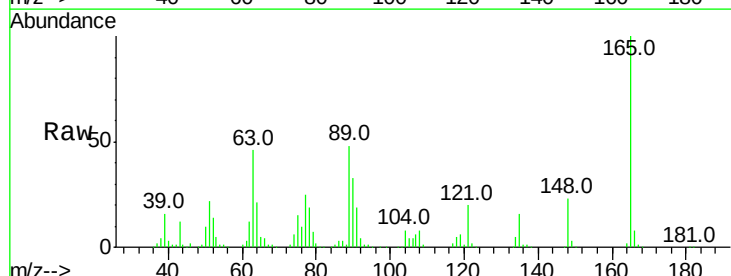


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

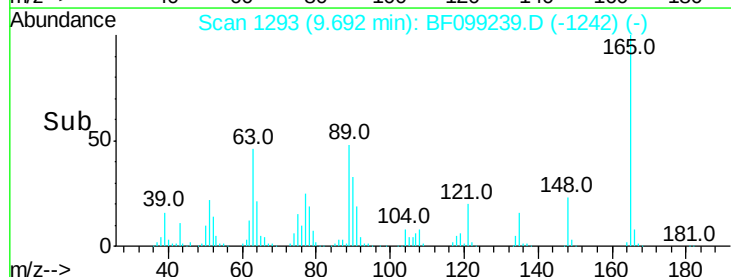
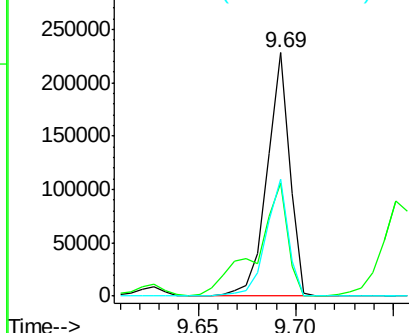


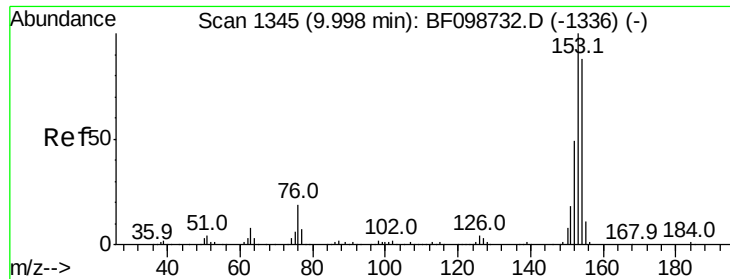
#50
2,6-Dinitrotoluene
Concen: 46.210 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183598		
63	46.4		44.7	67.1
89	47.8		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.985 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

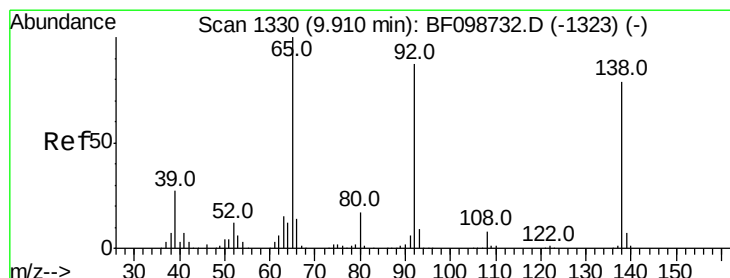
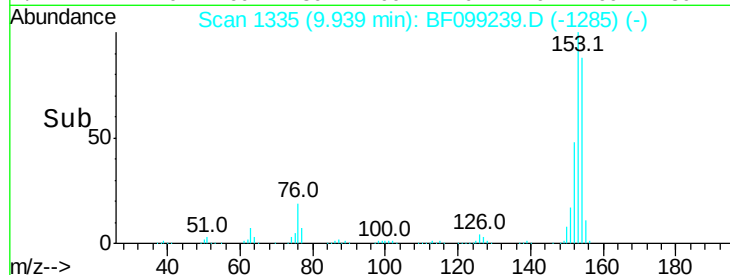
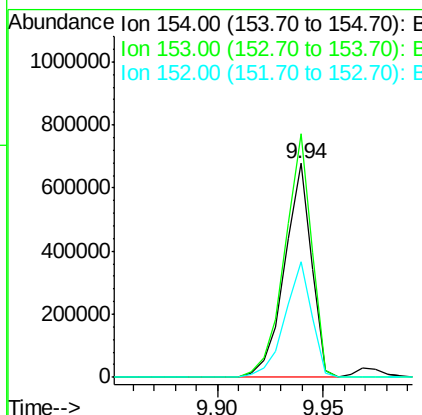
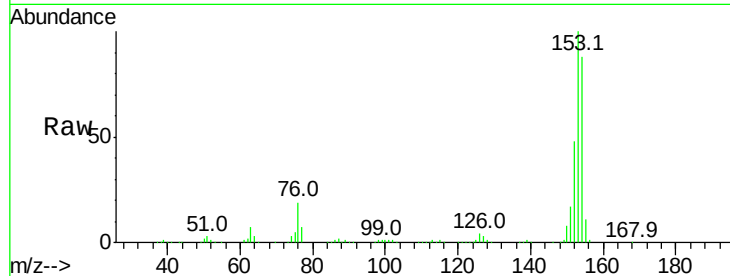
ClientSampled :

MH-21MSD

Tot Ion:	154	Resp:	604995
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.823 ng

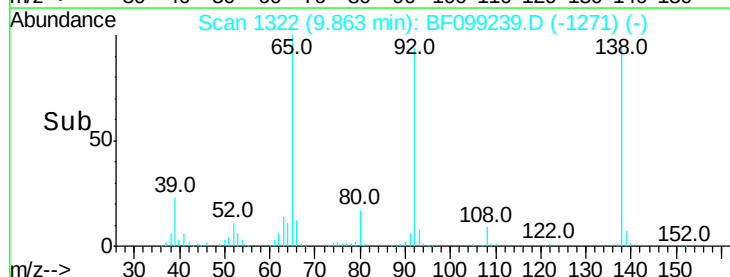
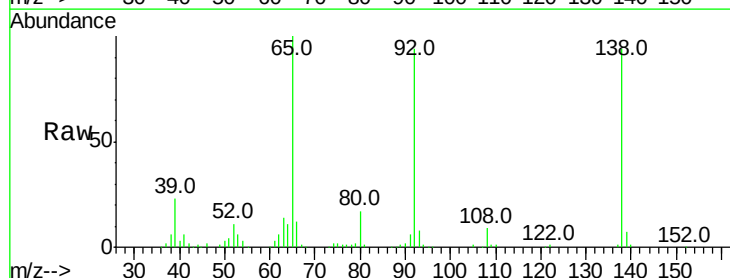
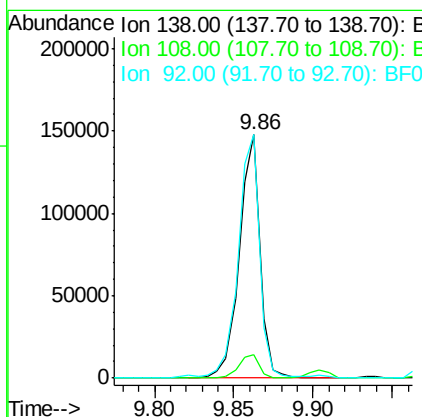
RT: 9.86 min Scan# 1322

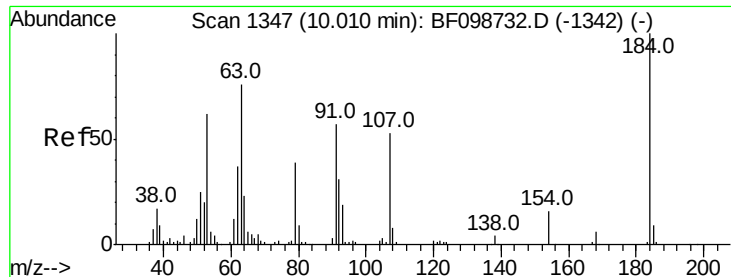
Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	138	Resp:	133529
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	100.0	89.4	134.2





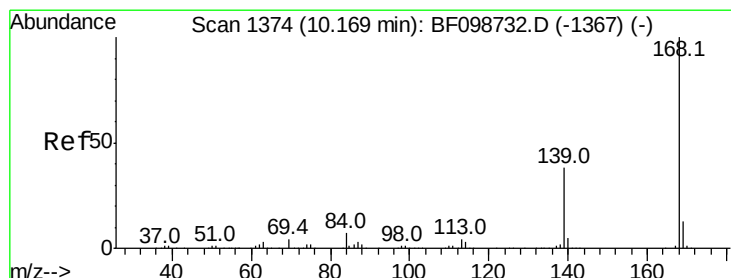
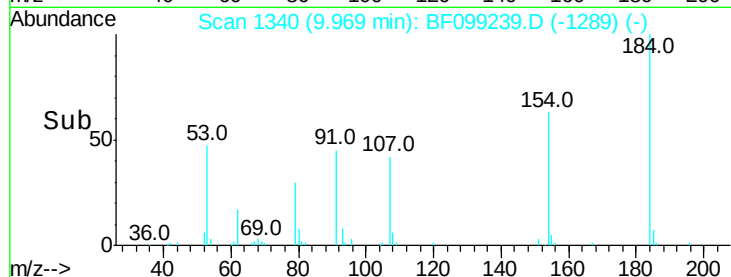
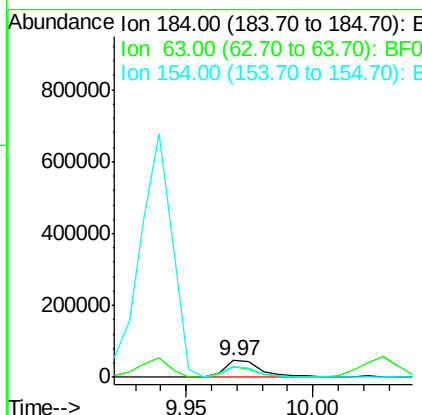
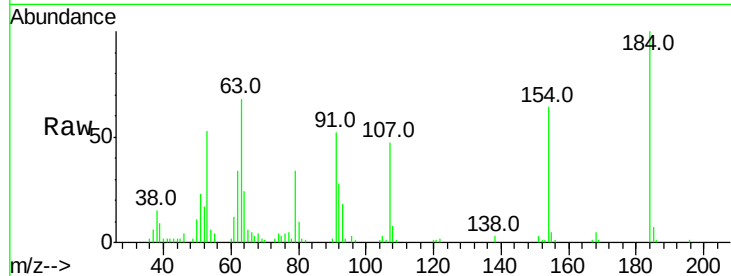
#53
2,4-Dinitrophenol
Concen: 26.933 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.1	54.2	81.2	
154	63.9	53.5	80.3	

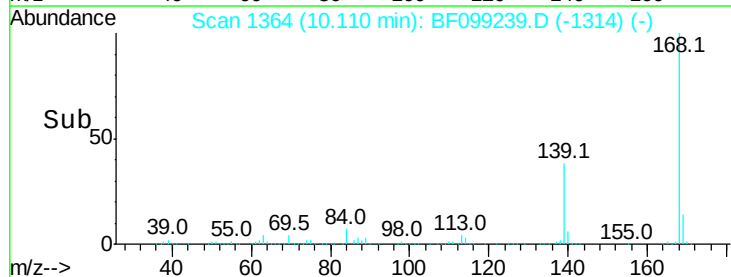
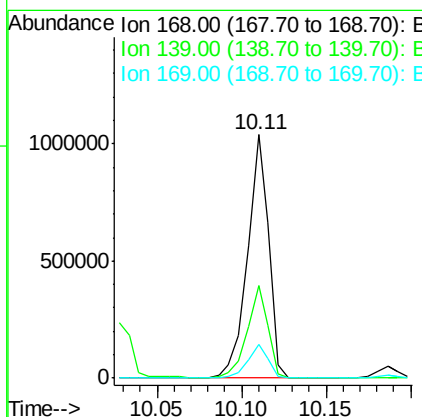
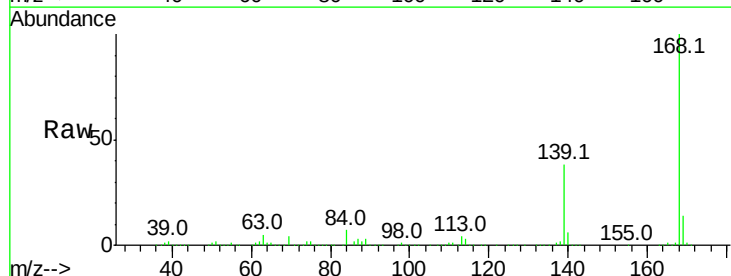
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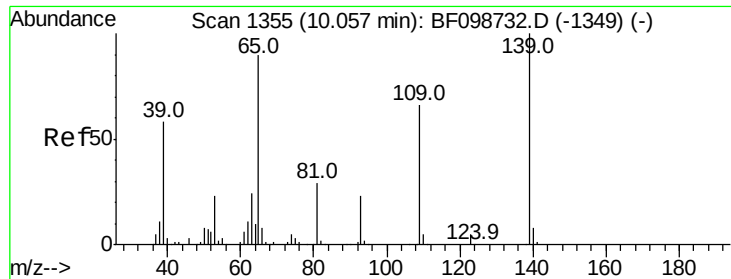
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#54
Dibenzofuran
Concen: 45.202 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.8	30.1	45.1	
169	13.6	10.9	16.3	





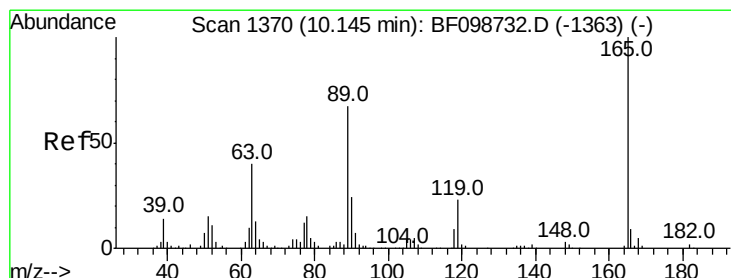
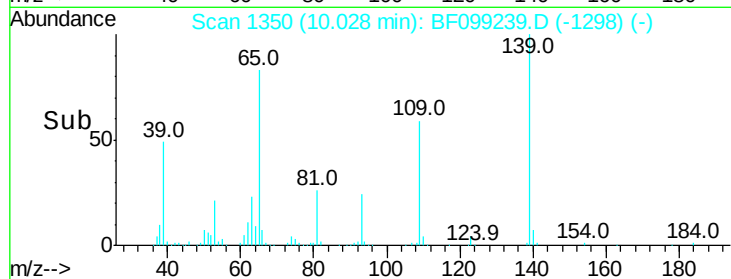
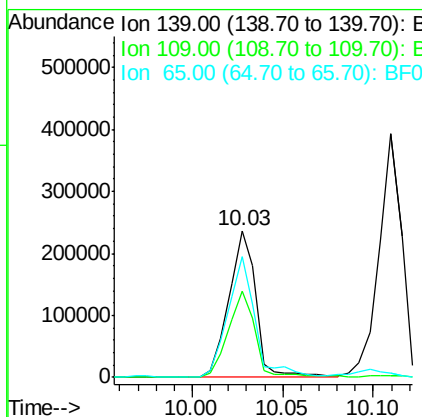
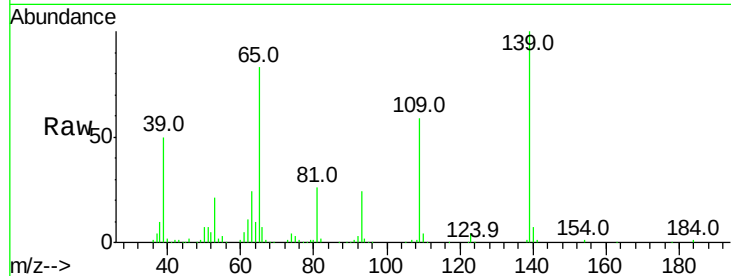
#55
4-Nitrophenol
Concen: 63.476 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampled :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.0	48.4	88.4
65	82.6	72.6	112.6

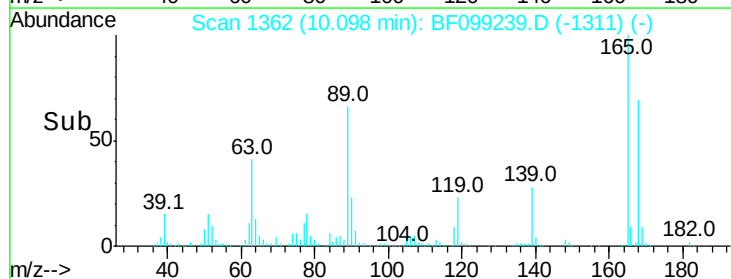
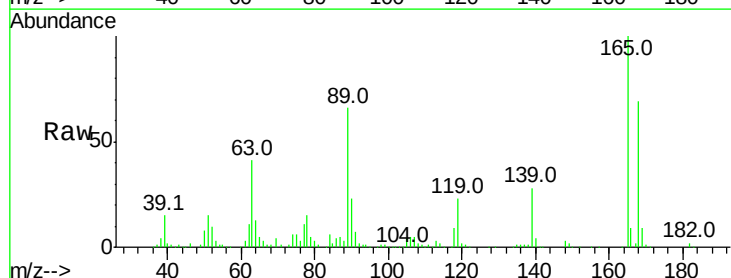
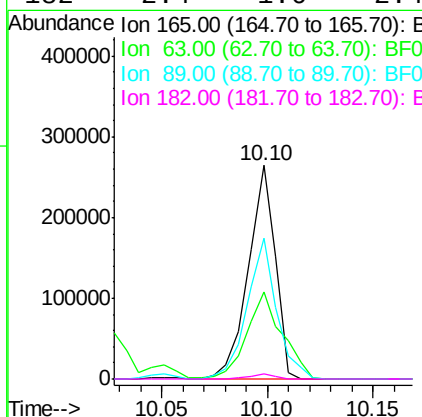
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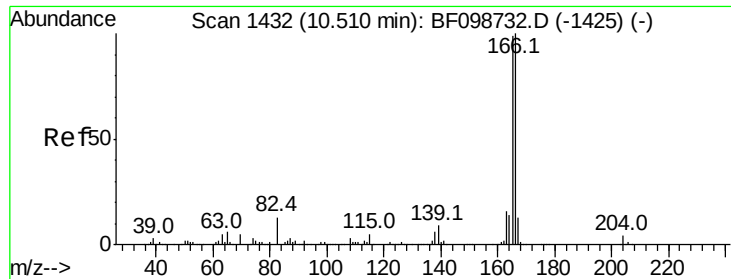
Sohil
10/9/2017 6:36:03 PM



#56
2,4-Dinitrotoluene
Concen: 45.842 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.8	36.4	54.6
89	65.8	57.8	86.6
182	2.4	1.6	2.4





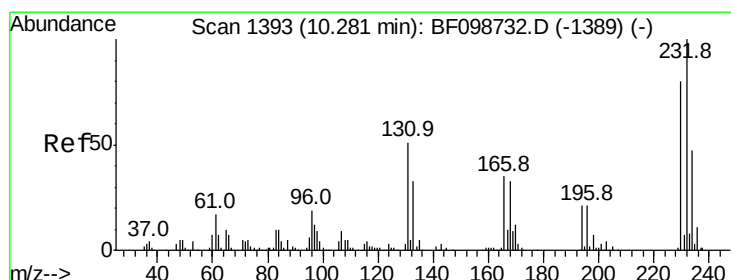
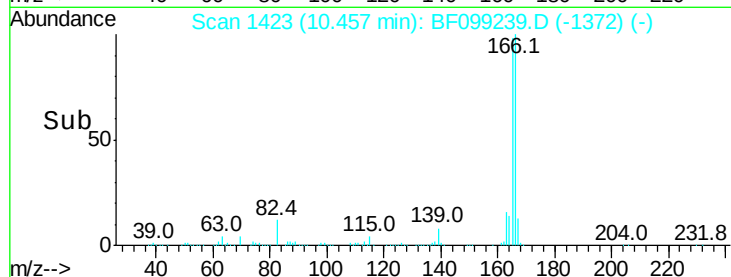
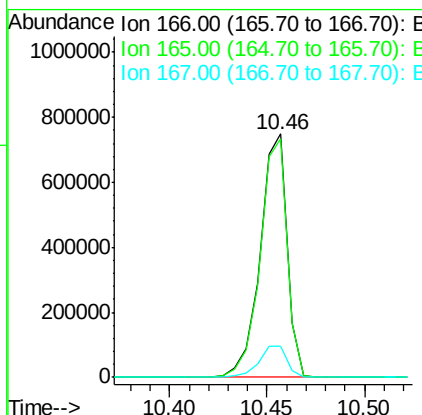
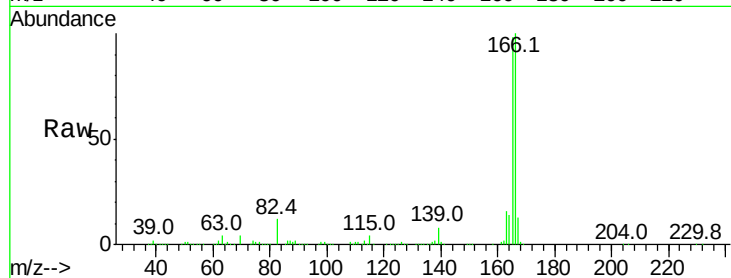
#57
 Fluorene
 Concen: 44.042 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	12.8	10.6	16.0

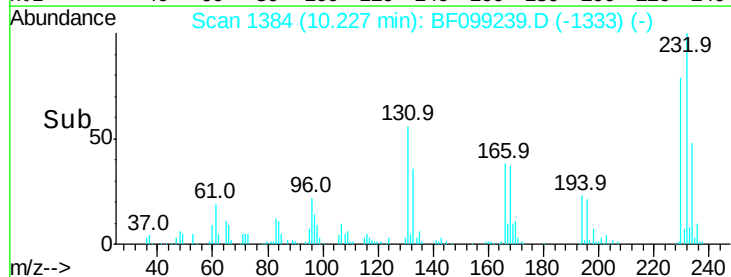
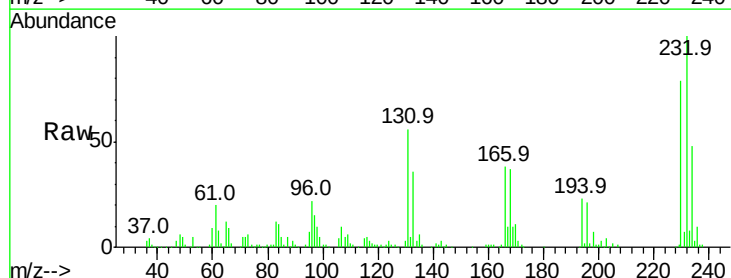
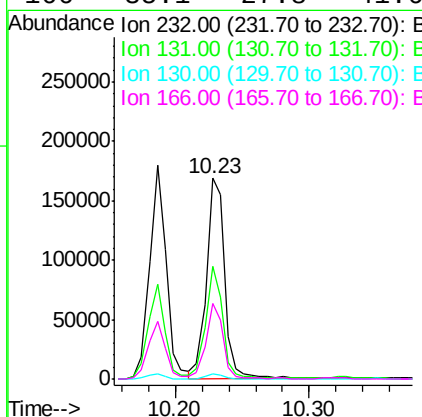
Manual Integrations
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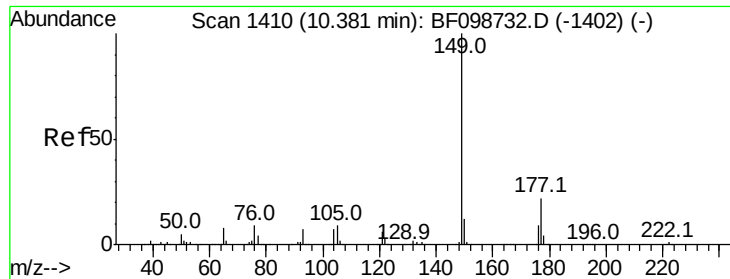
Sohil
 10/9/2017 6:36:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.892 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.9	43.8	65.8
130	2.6	2.1	3.1
166	35.1	27.8	41.6





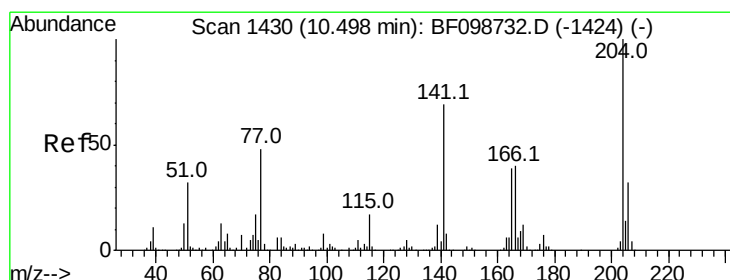
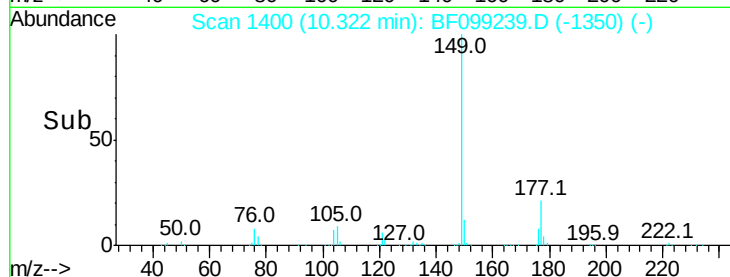
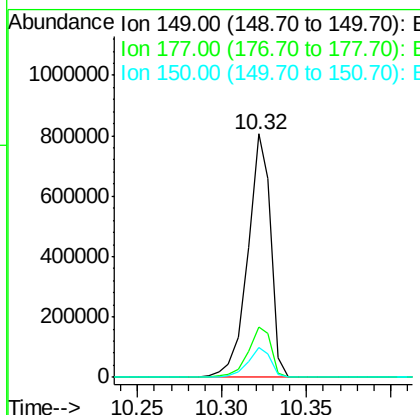
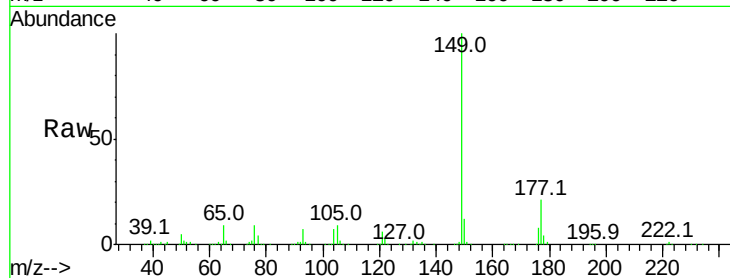
#59
Diethylphthalate
Concen: 42.886 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampled :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.3	10.1	15.1

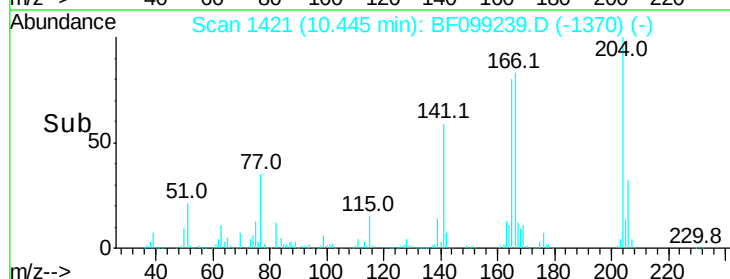
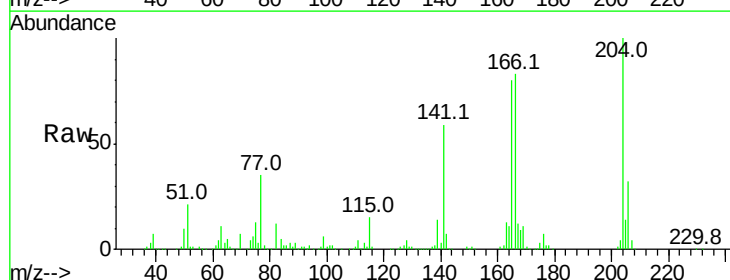
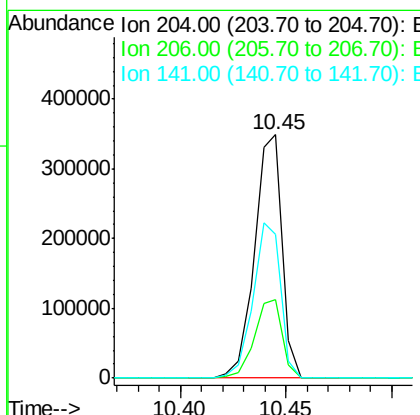
Manual Integrations
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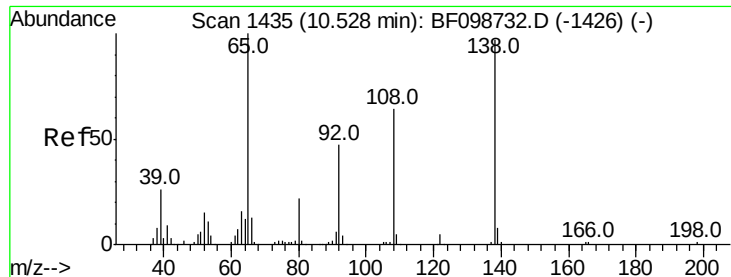
Sohil
10/9/2017 6:36:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.511 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	58.8	54.6	81.8





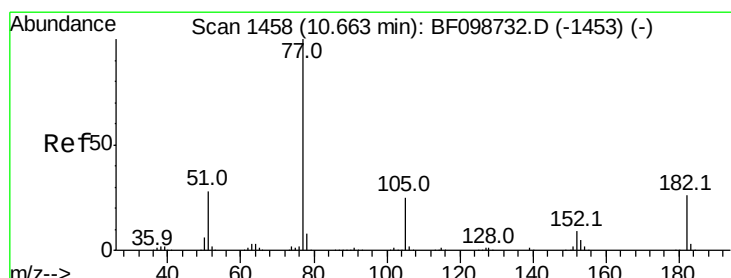
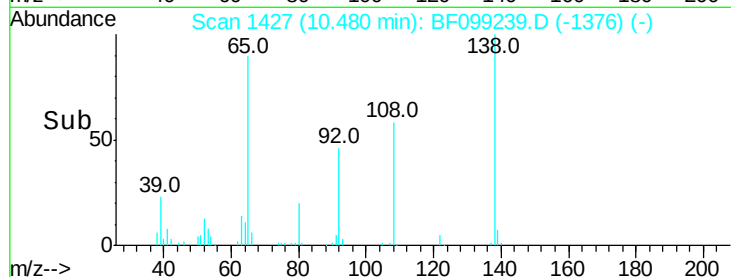
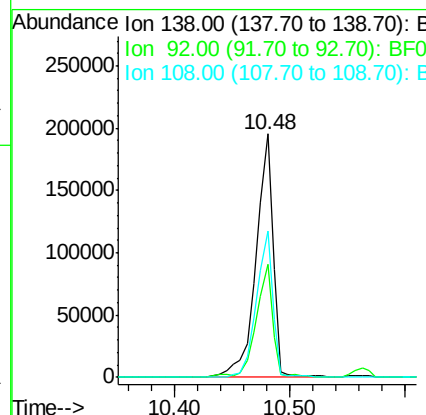
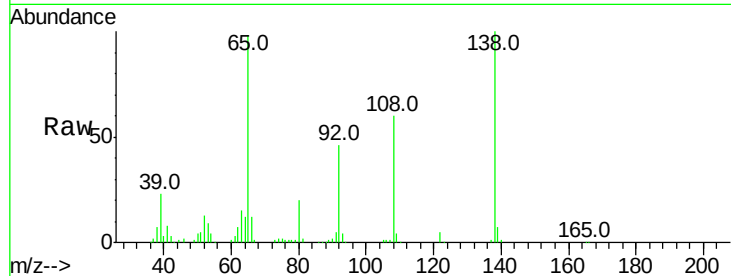
#61
4-Nitroaniline
Concen: 45.131 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampled :
MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	201712		
92	46.3	30.2	70.2	
108	60.1	52.5	92.5	

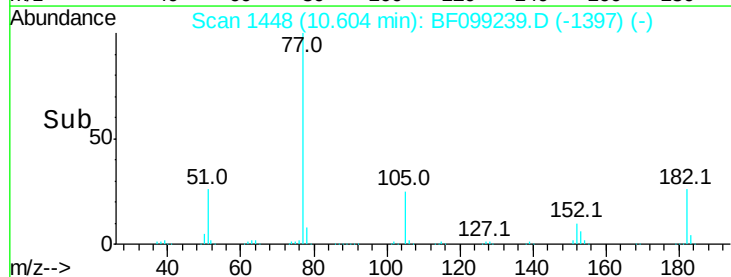
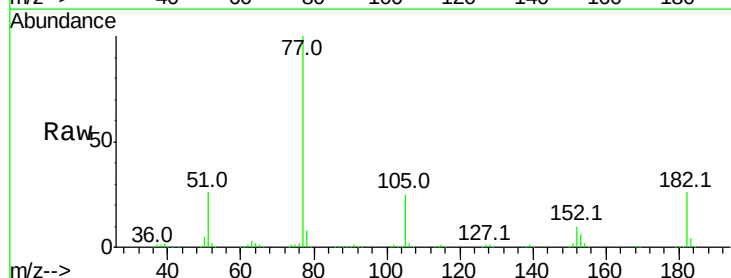
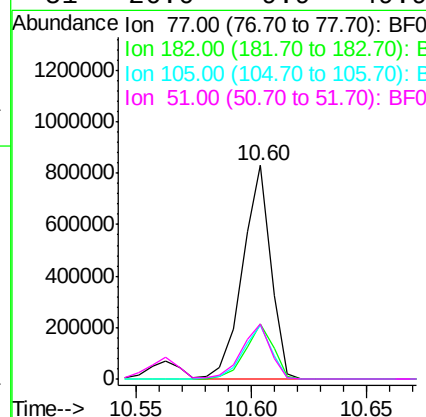
Manual Integrations
APPROVED

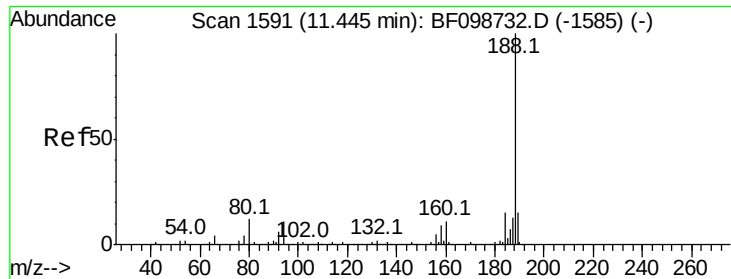
Sohil
10/9/2017 6:36:03 PM



#62
Azobenzene
Concen: 42.999 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	705045		
182	26.0	1.7	41.7	
105	25.3	3.0	43.0	
51	26.0	9.9	49.9	





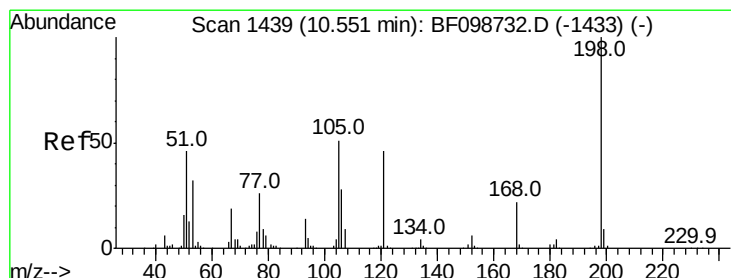
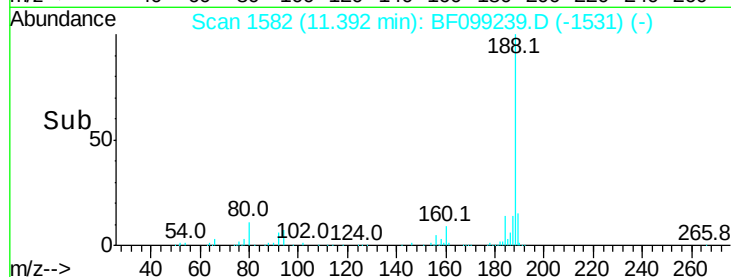
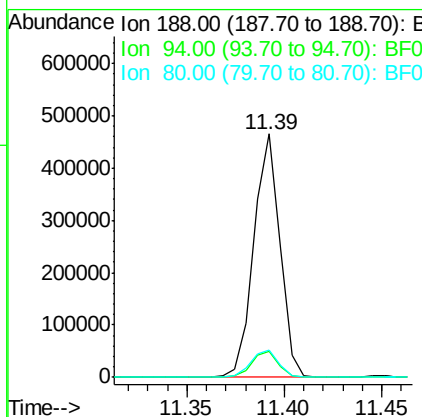
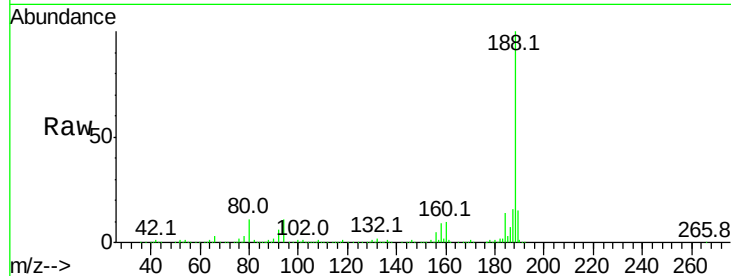
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	432137		
94	10.9		8.5	12.7
80	11.4		9.2	13.8

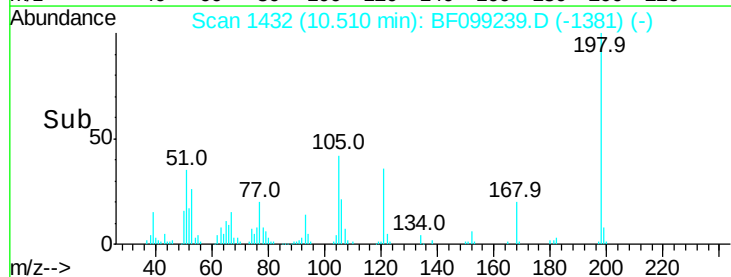
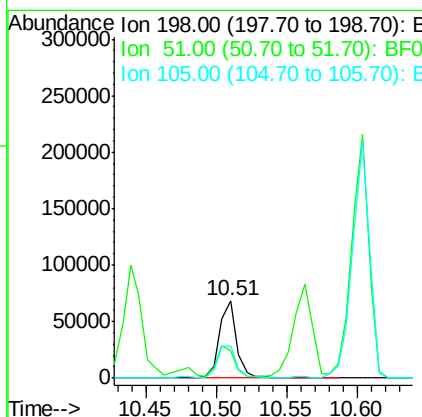
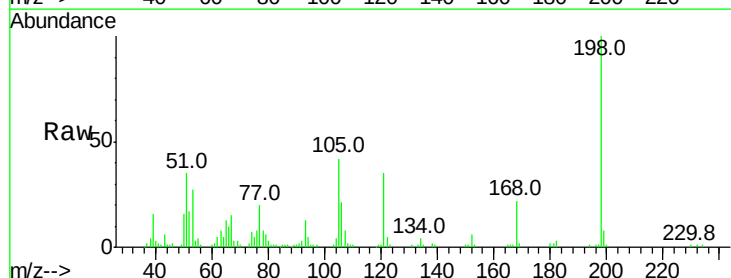
Manual Integrations
APPROVED

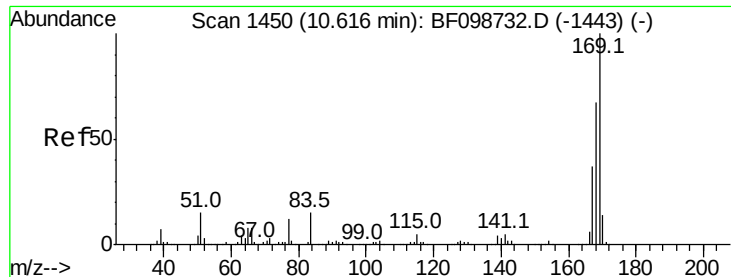
Sohil
10/9/2017 6:36:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 22.398 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58890		
51	34.7		37.7	77.7#
105	41.8		36.3	76.3





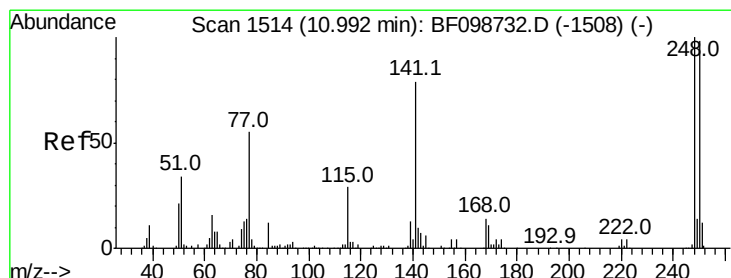
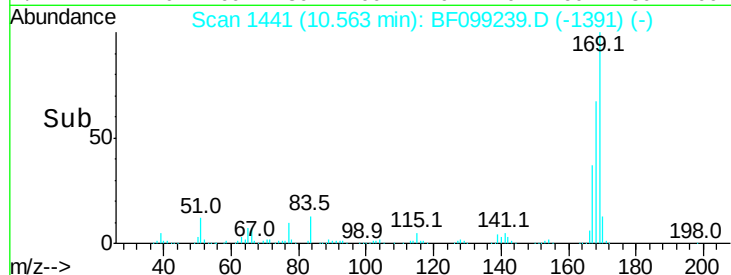
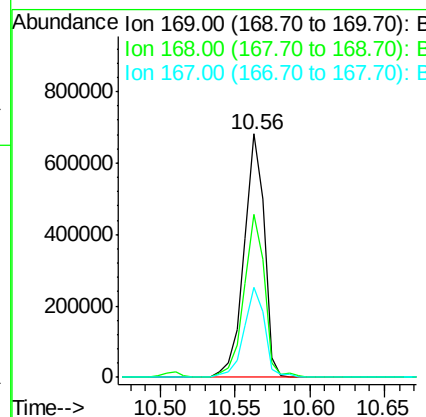
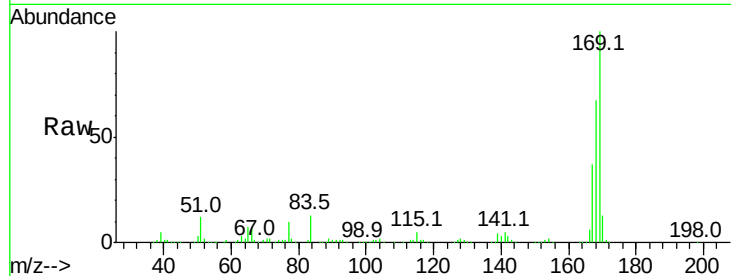
#65
n-Nitrosodiphenylamine
Concen: 43.107 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	645340		
168	66.9	54.4	81.6	
167	37.2	29.8	44.6	

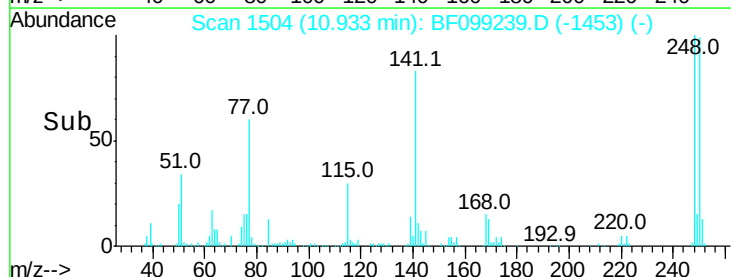
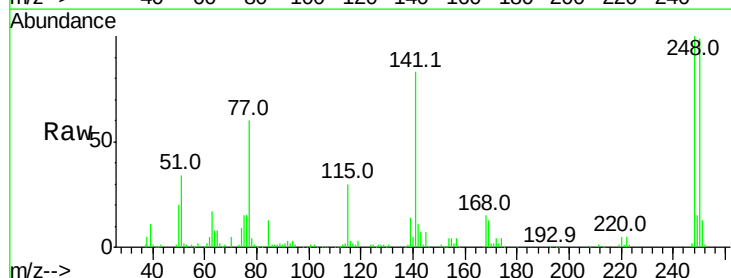
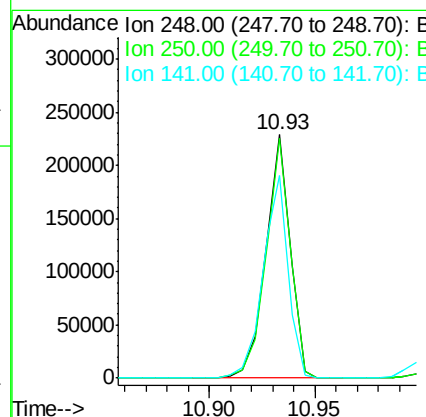
Manual Integrations
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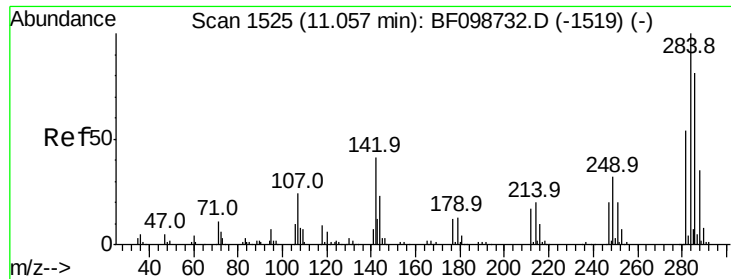
Sohil
10/9/2017 6:36:03 PM



#66
4-Bromophenyl-phenylether
Concen: 43.872 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185576		
250	98.7	76.9	115.3	
141	83.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 42.707 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

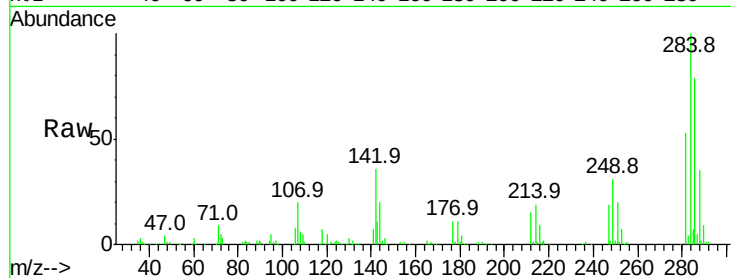
ClientSampled :

MH-21MSD

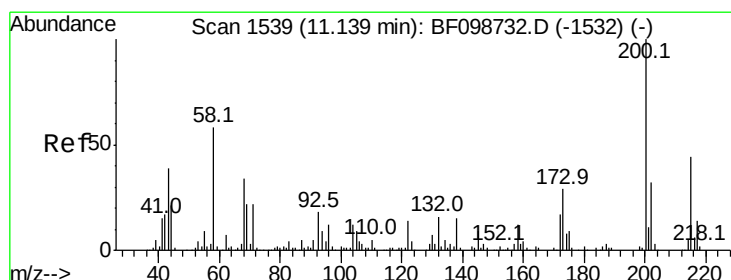
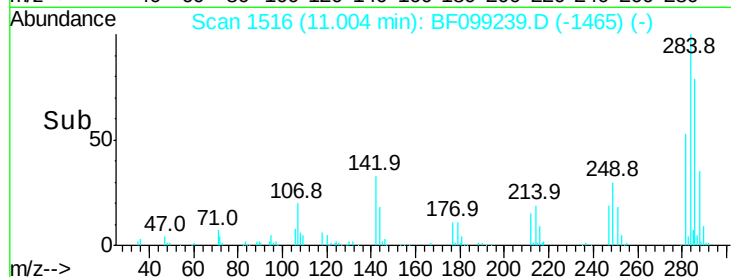
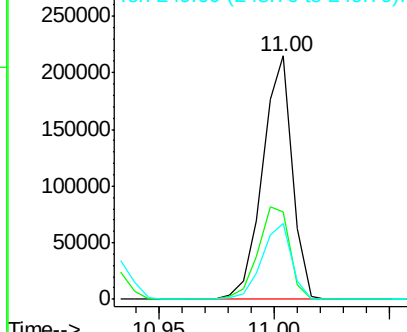
Tot Ion:	284	Resp:	192939
Ion Ratio	Lower	Upper	
284	100		
142	35.8	34.6	52.0
249	31.1	24.8	37.2

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



#68

Atrazine

Concen: 44.664 ng

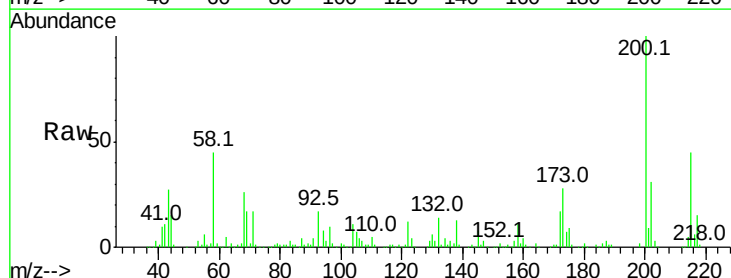
RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

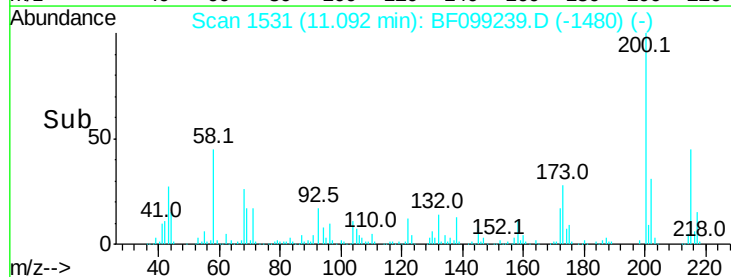
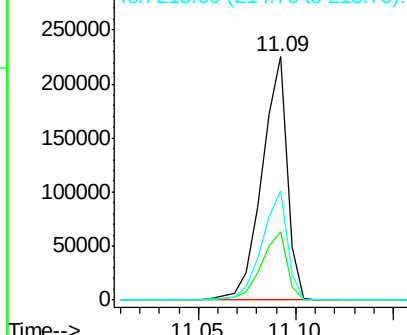
Lab File: BF099239.D

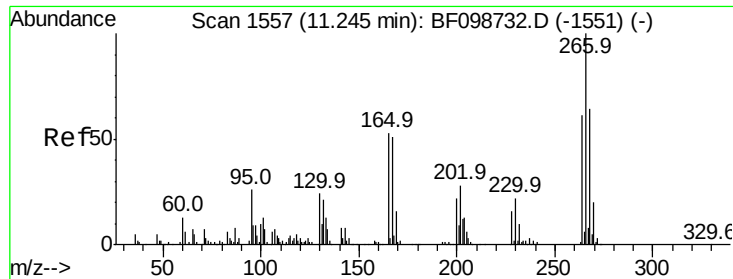
Acq: 8 Oct 2017 18:30

Tgt Ion:	200	Resp:	201176
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.6	48.6
215	44.9	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





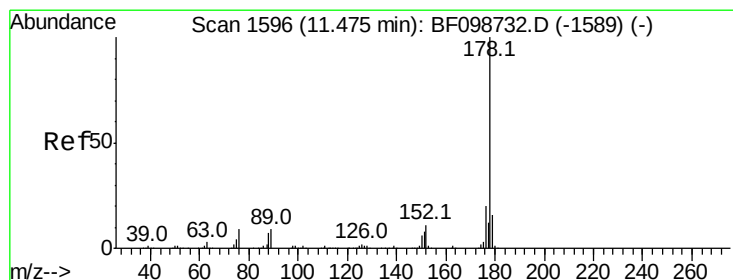
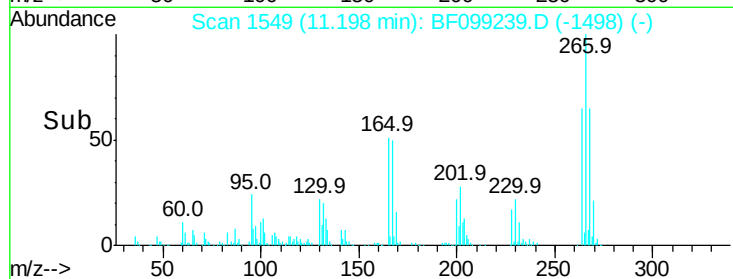
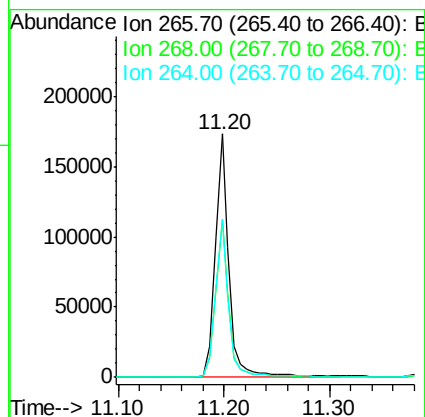
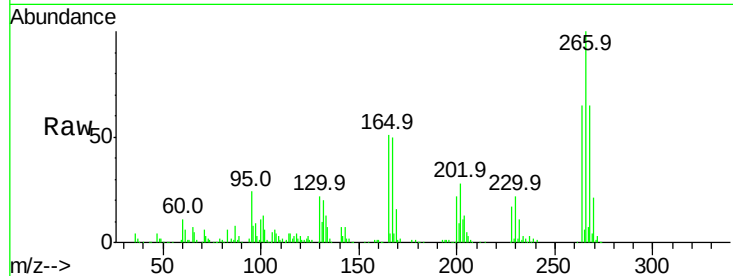
#69
 Pentachlorophenol
 Concen: 57.015 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	160305		
268	64.7	51.1	76.7	
264	64.6	49.5	74.3	

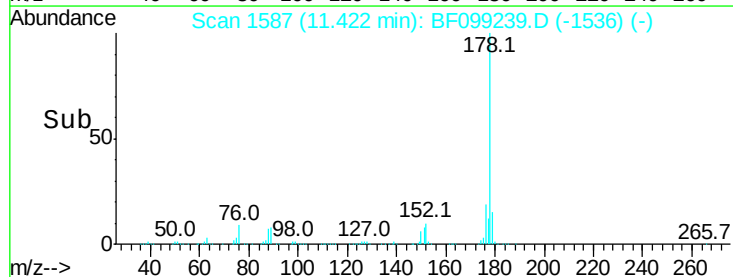
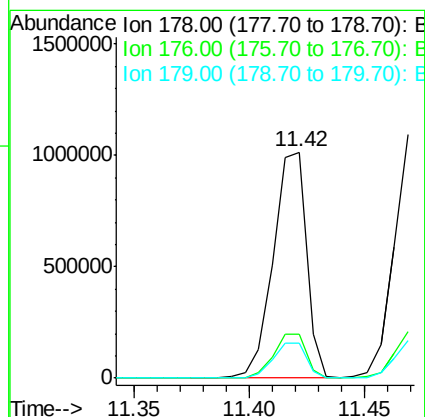
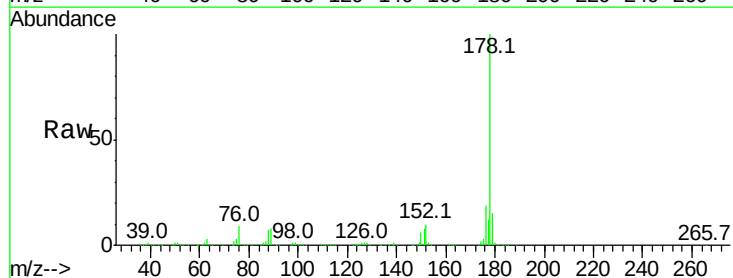
Manual Integrations
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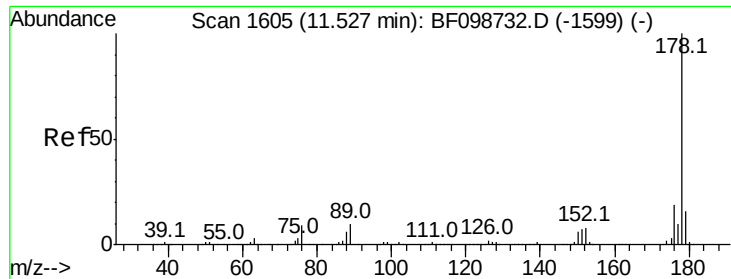
Sohil
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#70
 Phenanthrene
 Concen: 43.972 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1017119		
176	19.3	15.8	23.8	
179	15.5	13.0	19.6	





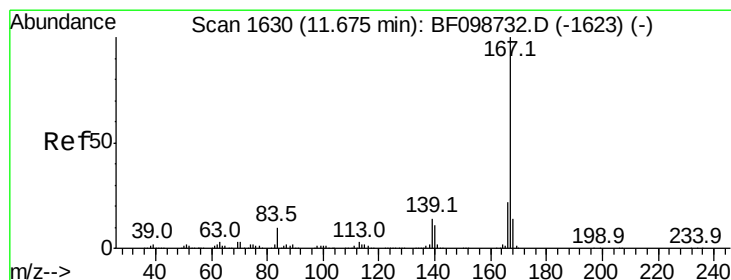
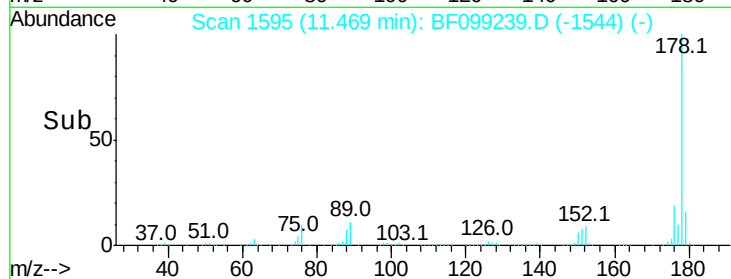
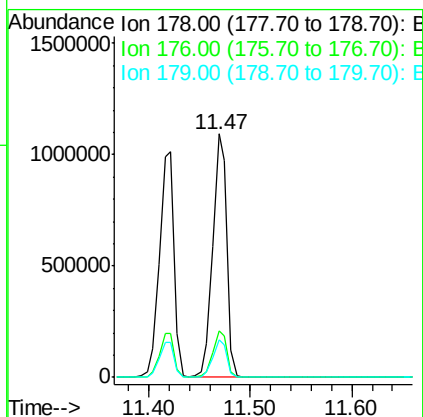
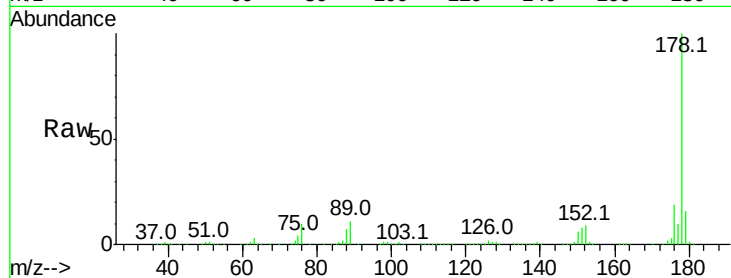
#71
 Anthracene
 Concen: 44.419 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

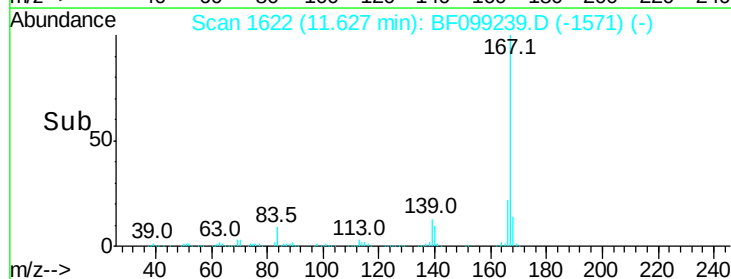
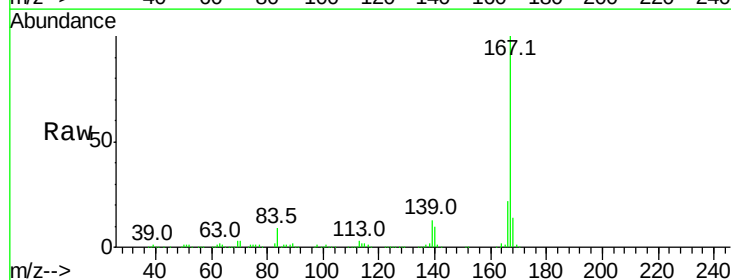
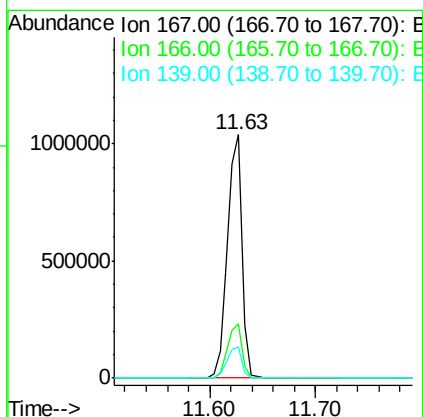
Manual Integrations
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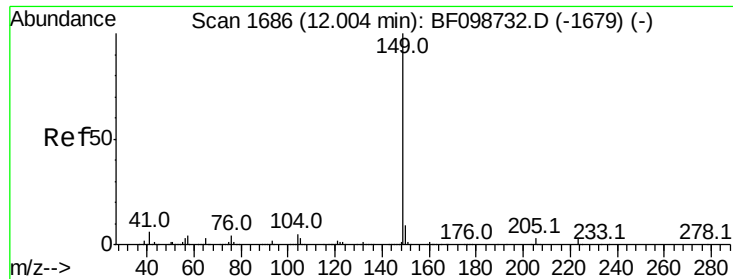
Sohil
 10/9/2017 6:36:03 PM



#72
 Carbazole
 Concen: 42.792 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.781 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

ClientSampleId :

MH-21MSD

Tot Ion:149 Resp: 1165582

Ion Ratio Lower Upper

149 100

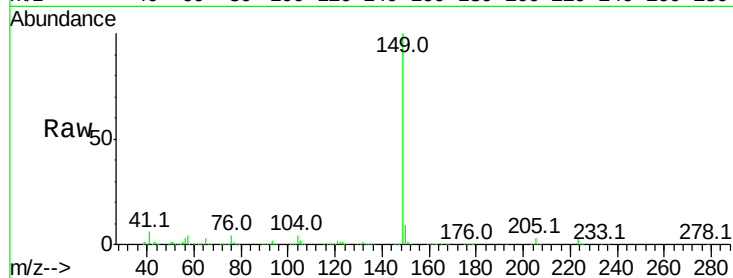
150 9.2 7.8 11.6

104 4.4 3.8 5.8

Manual Integrations
APPROVED

Sohil

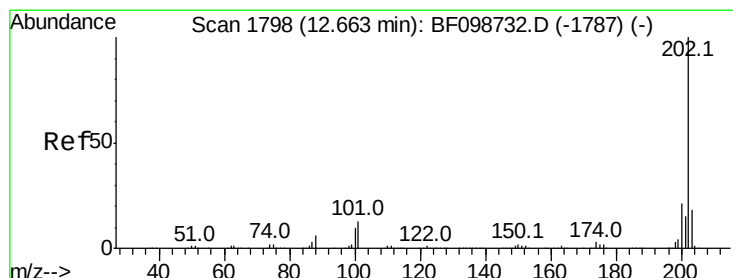
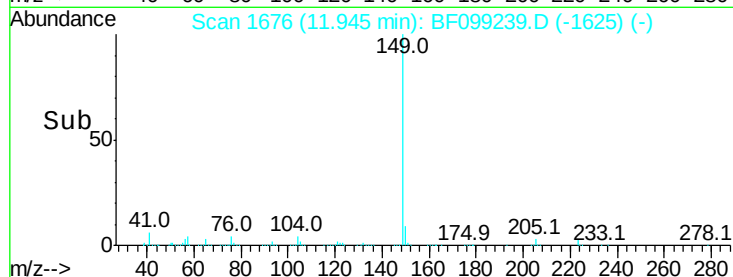
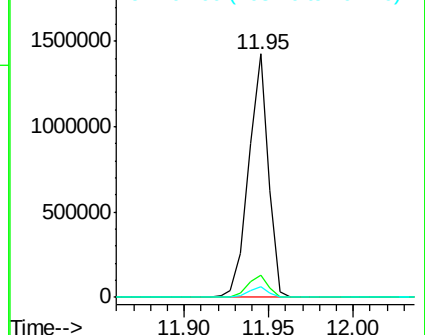
10/9/2017 6:36:03 PM



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: 44.752 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

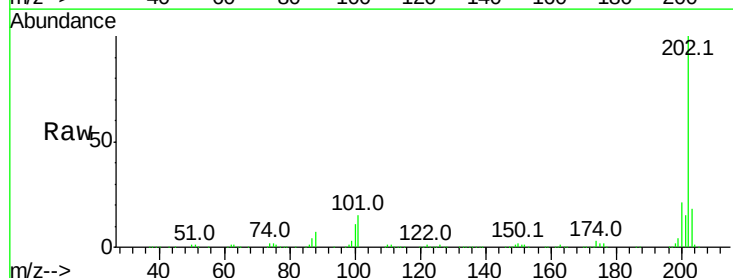
Tgt Ion:202 Resp: 1048222

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

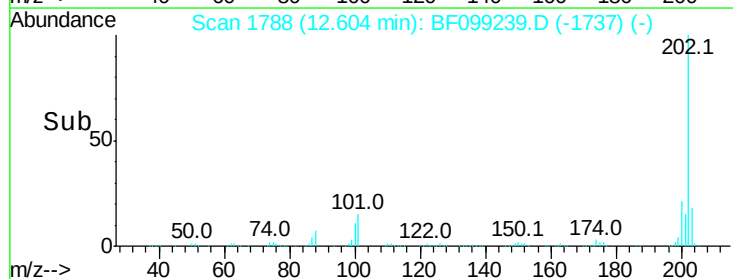
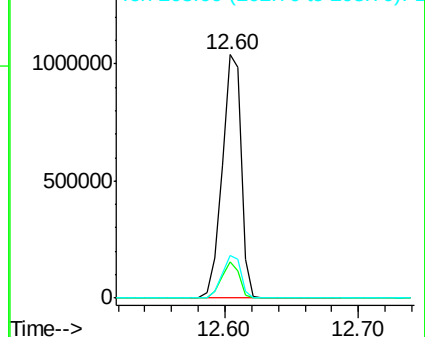
203 17.7 0.0 38.1

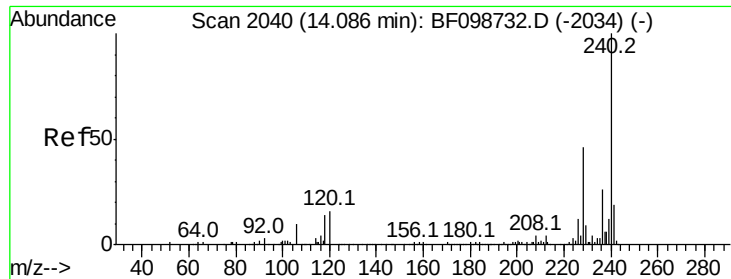


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

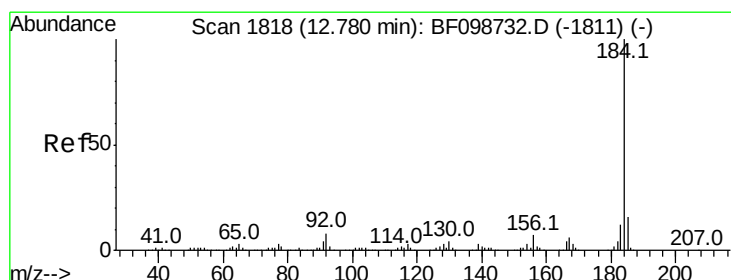
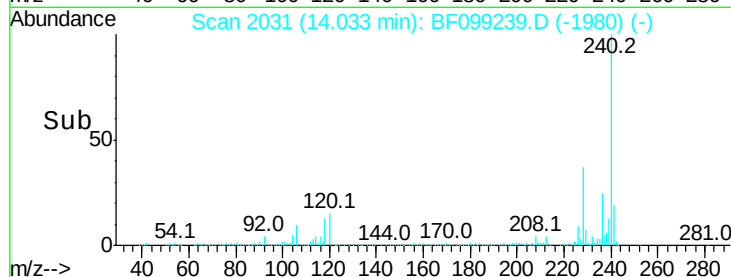
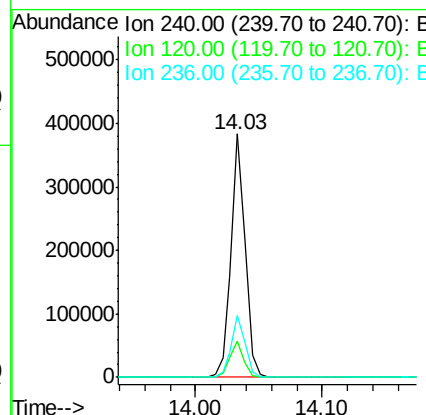
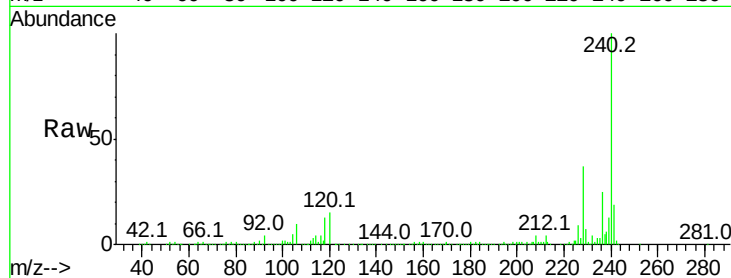
ClientSampled :

MH-21MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.2	20.7	31.1

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#76

Benzidine

Concen: 7.134 ng

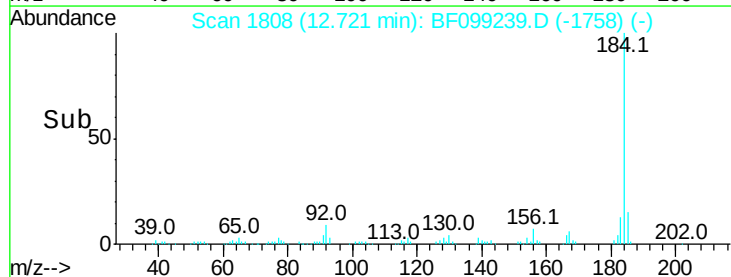
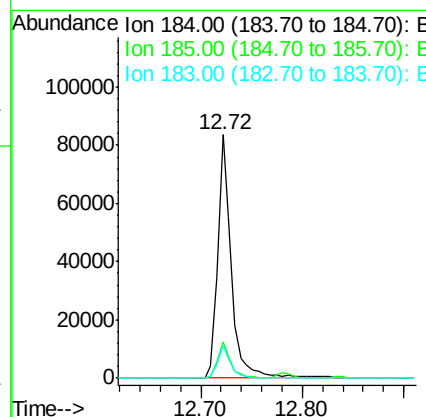
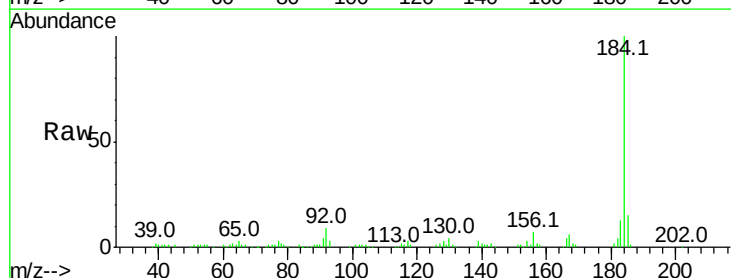
RT: 12.72 min Scan# 1808

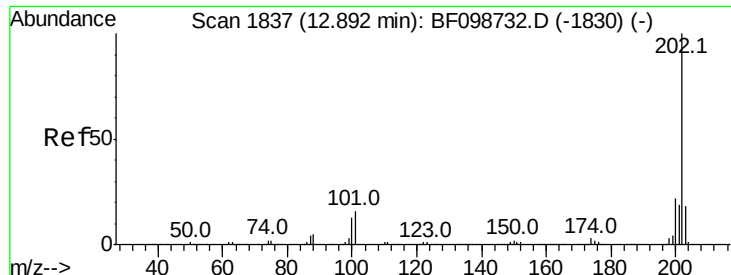
Delta R.T. -0.01 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	13.2	9.3	13.9





#77

Pvrene

Concen: 46.904 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Instrument :

BNA_F

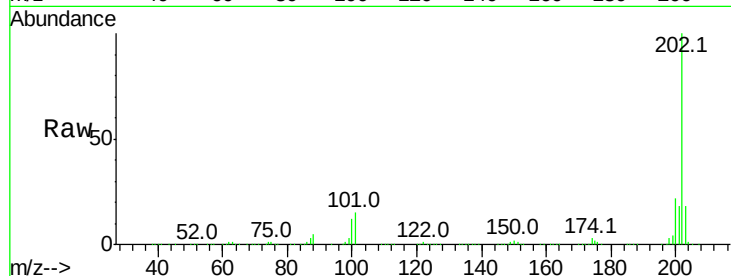
ClientSampled :

MH-21MSD

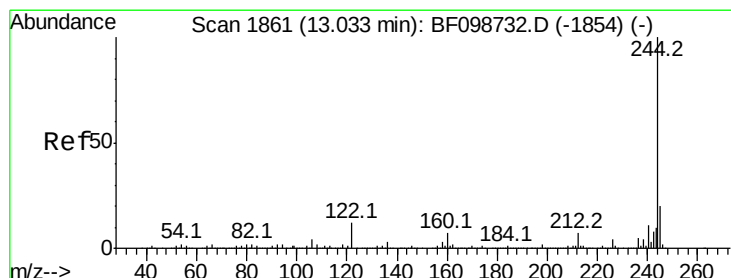
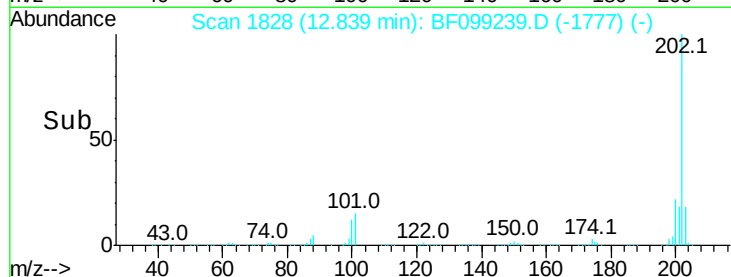
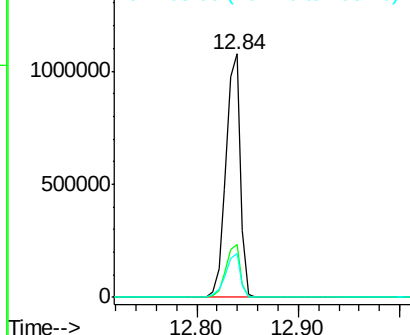
Tot Ion:	202	Resp:	1062300
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5

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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: 88.447 ng

RT: 12.97 min Scan# 1851

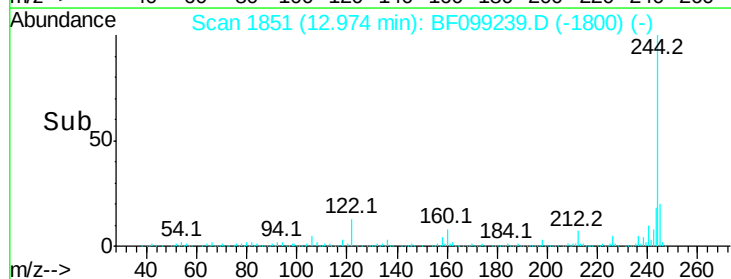
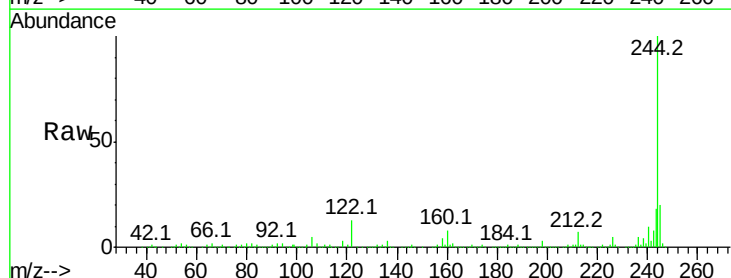
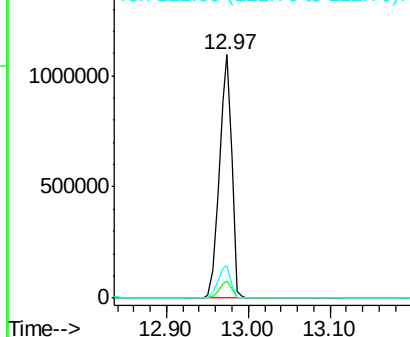
Delta R.T. -0.00 min

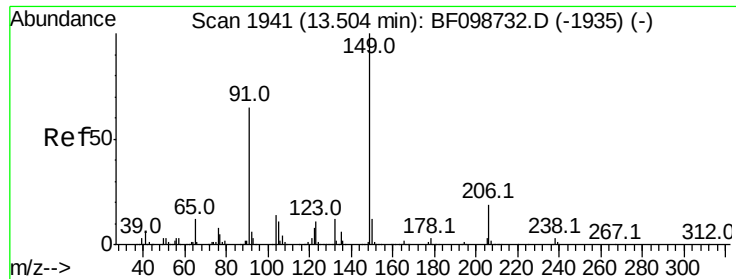
Lab File: BF099239.D

Acq: 8 Oct 2017 18:30

Tgt Ion:	244	Resp:	1155136
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	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





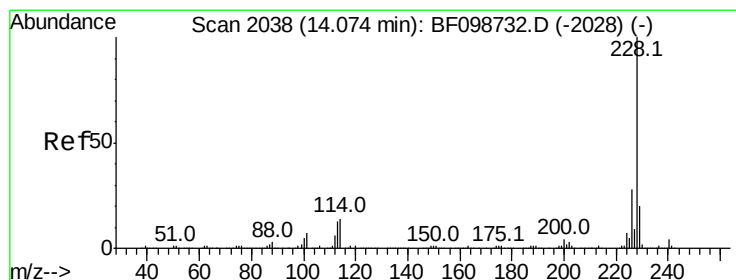
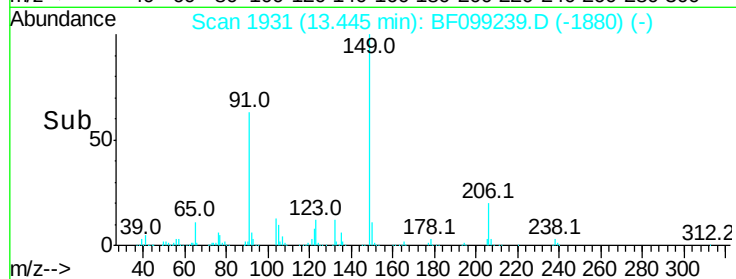
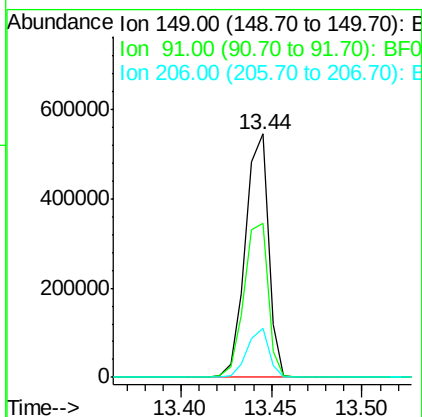
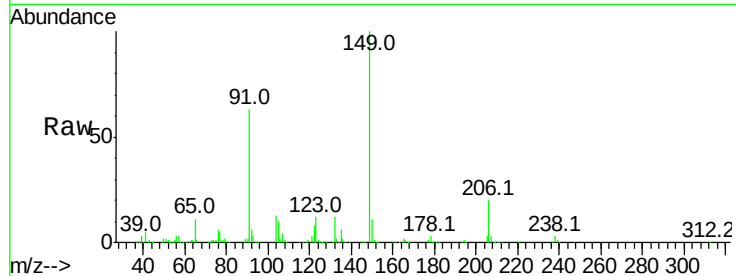
#79
Butylbenzylphthalate
Concen: 45.677 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	486198		
91	63.1	56.8	85.2	
206	20.1	14.1	21.1	

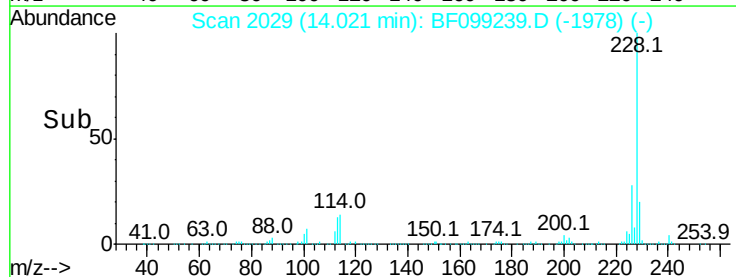
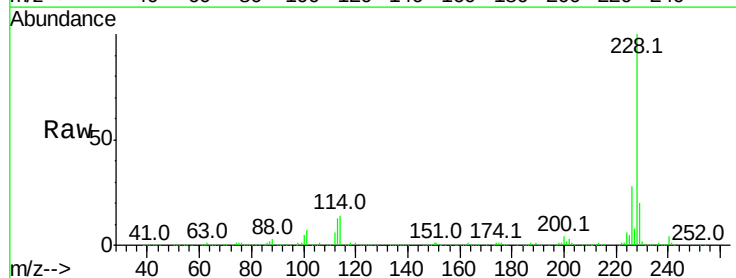
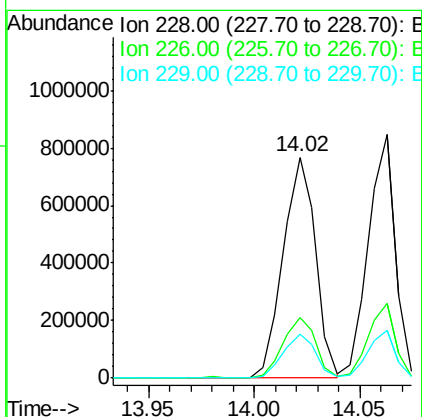
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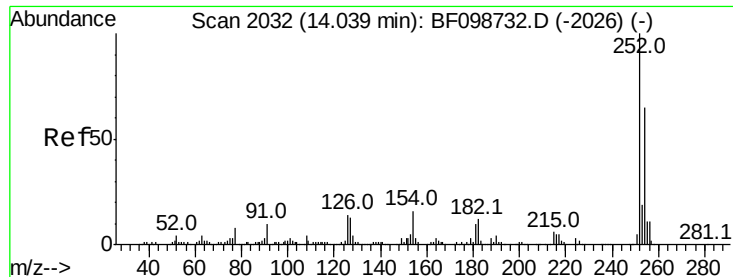
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#80
Benzo(a)anthracene
Concen: 45.664 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	821271		
226	27.6	22.6	33.8	
229	19.7	15.8	23.6	





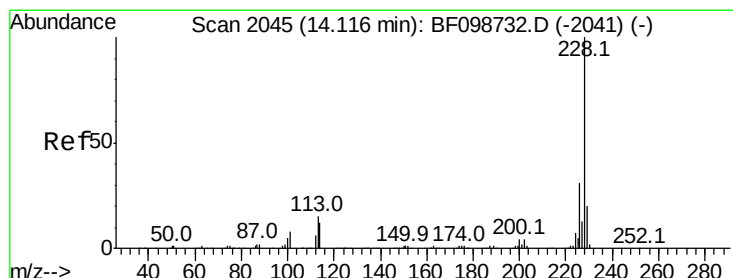
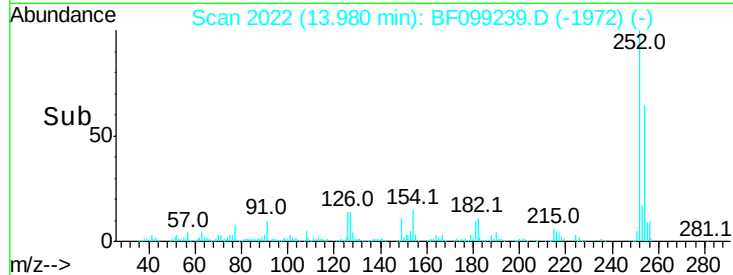
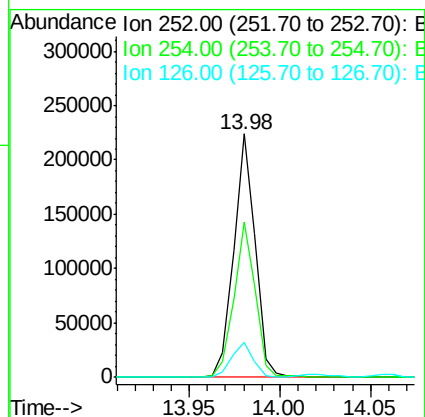
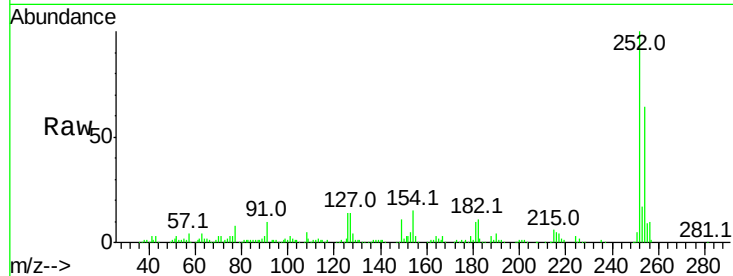
#81
 3,3'-Dichlorobenzidine
 Concen: 27.975 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampled :
 MH-21MSD

Tot Ion:	252	Resp:	184442
Ion Ratio		Lower	Upper
252	100		
254	64.0	50.4	75.6
126	14.3	11.3	16.9

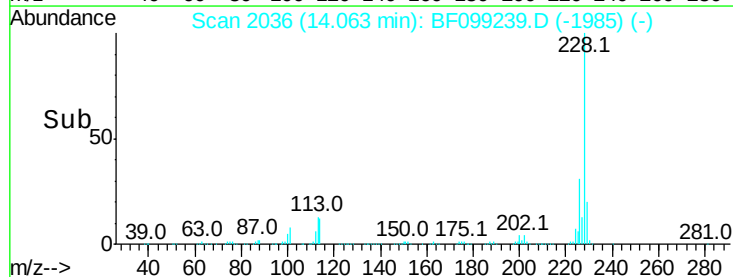
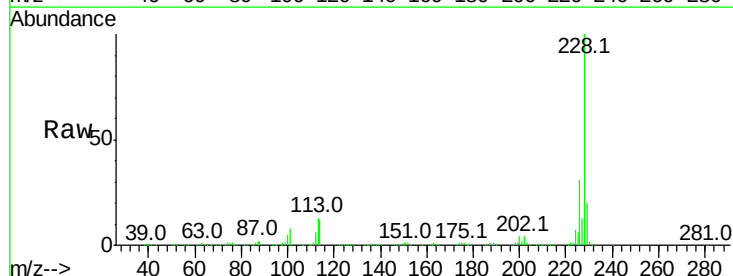
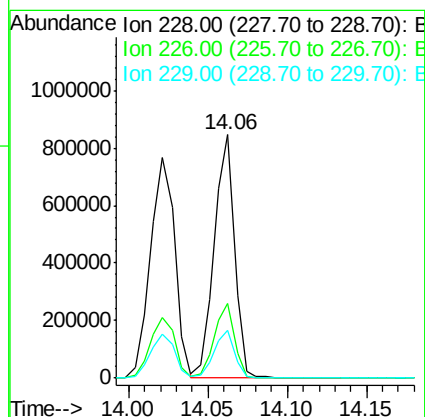
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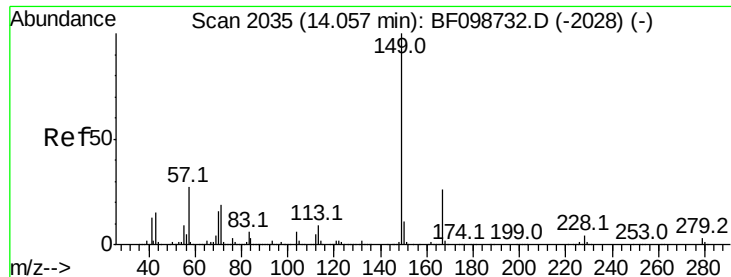
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#82
 Chrysene
 Concen: 44.355 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion:	228	Resp:	759463
Ion Ratio		Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4





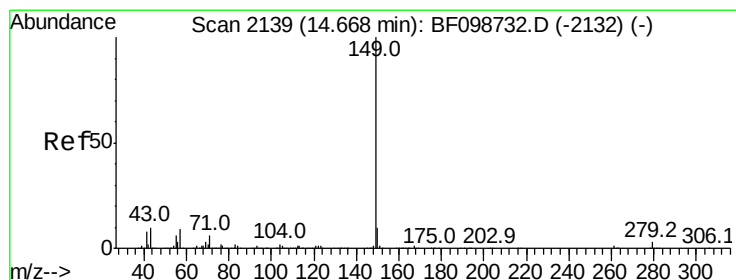
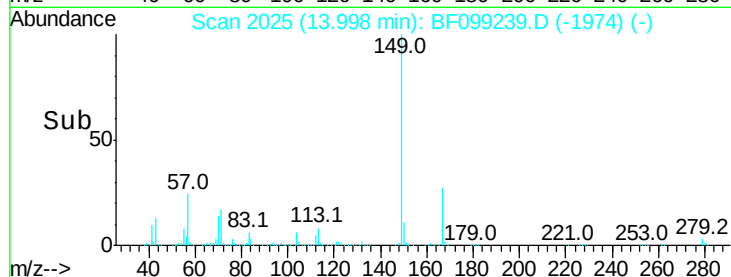
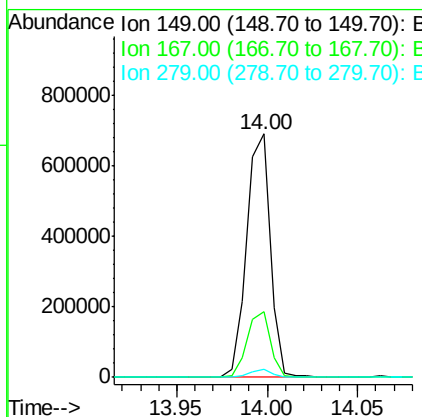
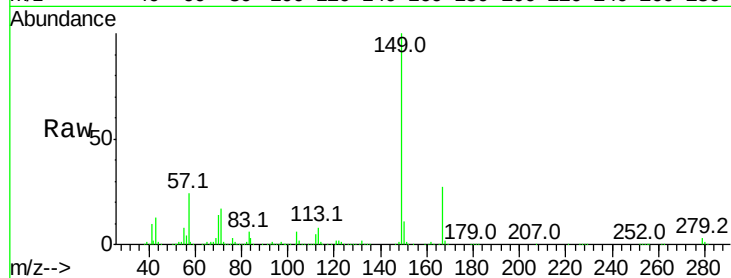
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.955 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

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

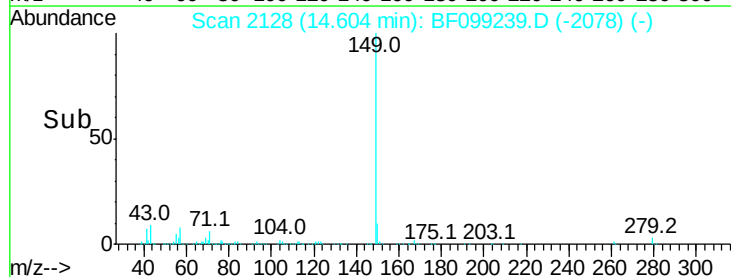
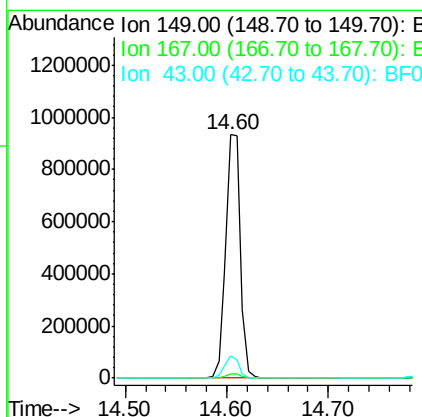
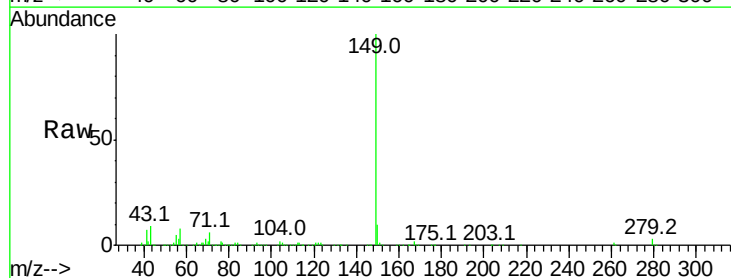
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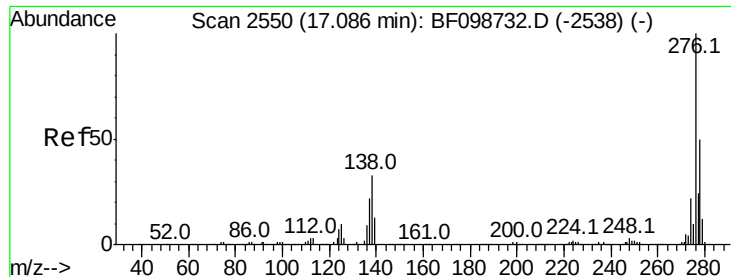
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#84
 Di-n-octyl phthalate
 Concen: 39.475 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.4	12.6





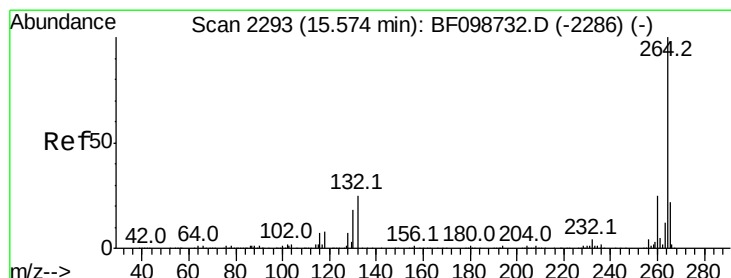
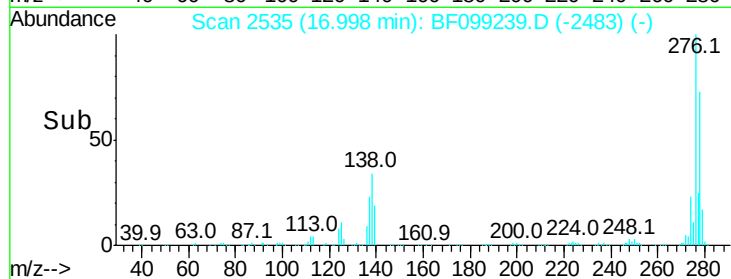
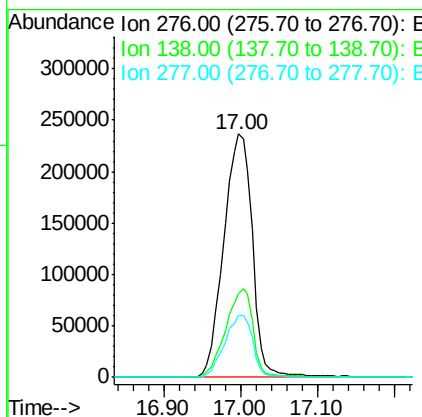
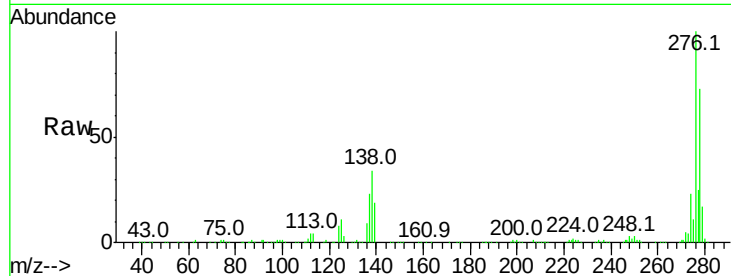
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.695 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.1	20.1	30.1

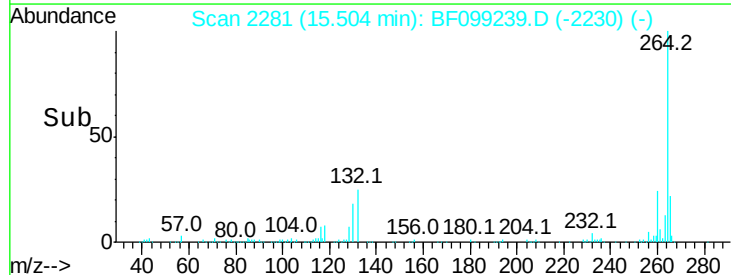
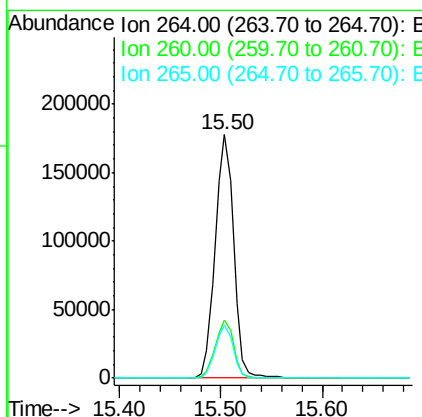
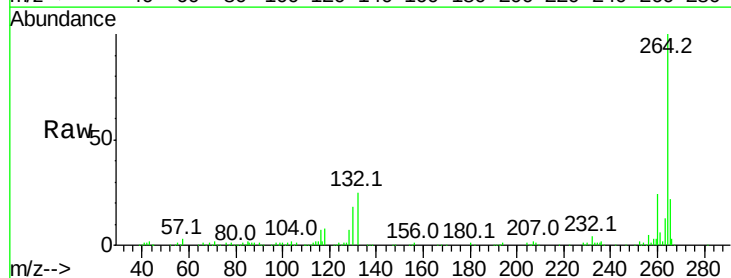
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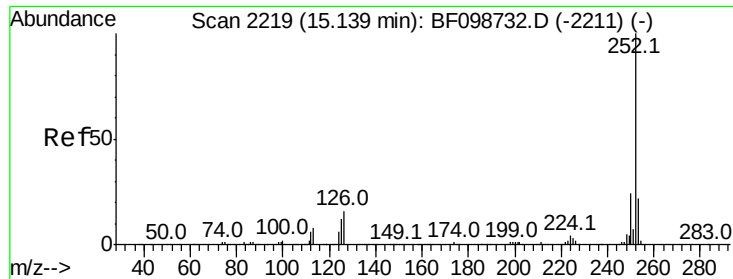
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3





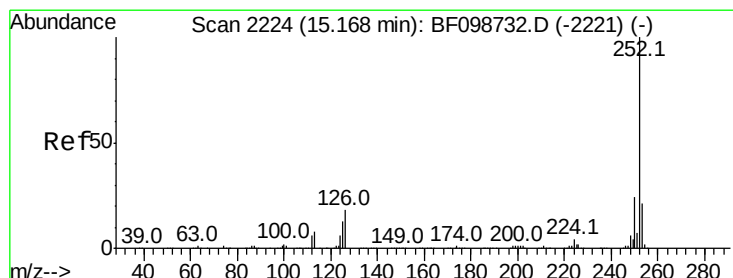
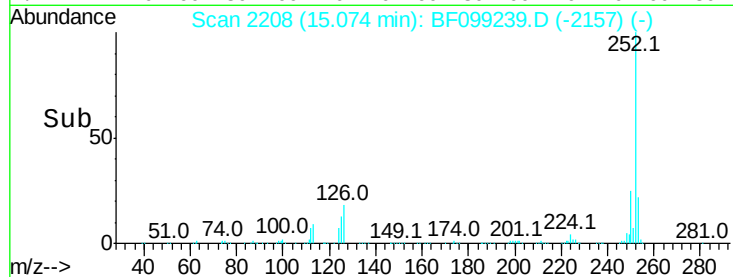
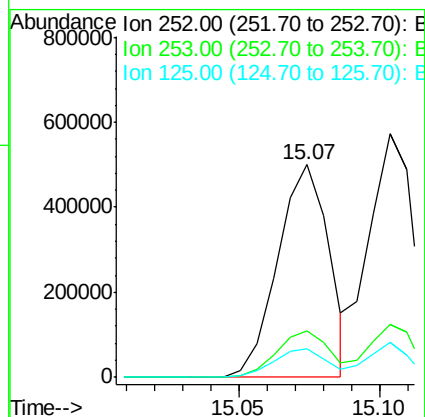
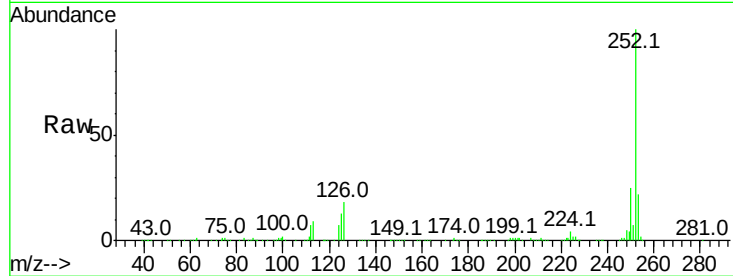
#87
Benzo(b)fluoranthene
Concen: 45.233 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.4	9.0	13.6

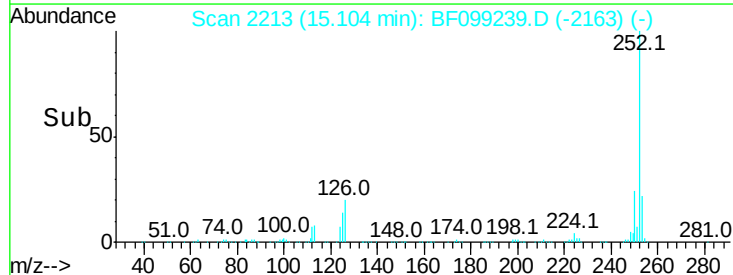
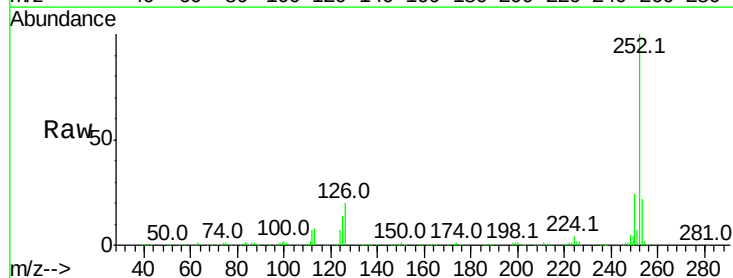
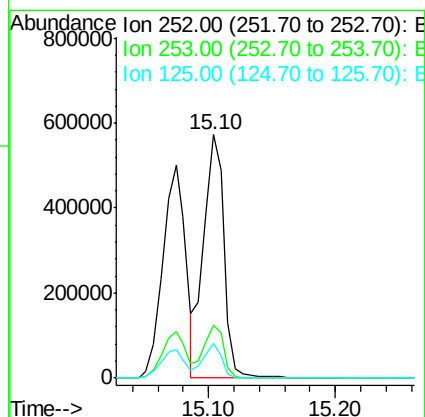
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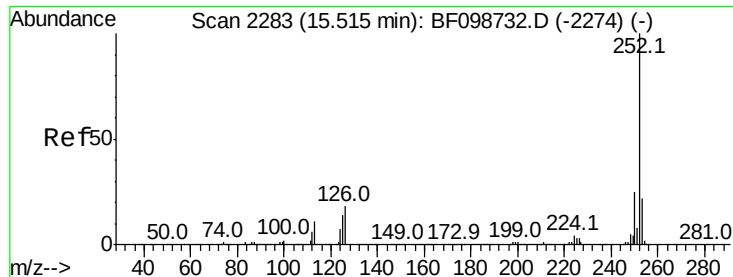
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#88
Benzo(k)fluoranthene
Concen: 46.515 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.2	10.2	15.2





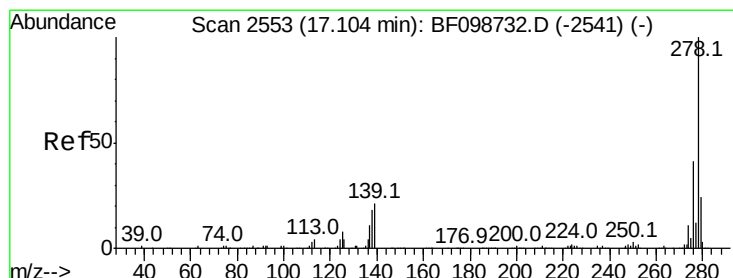
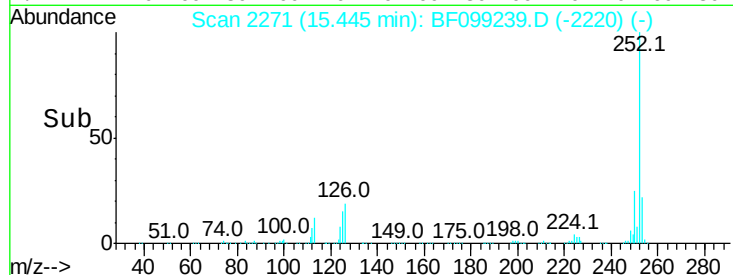
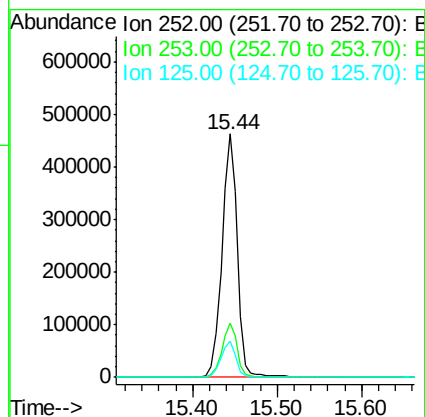
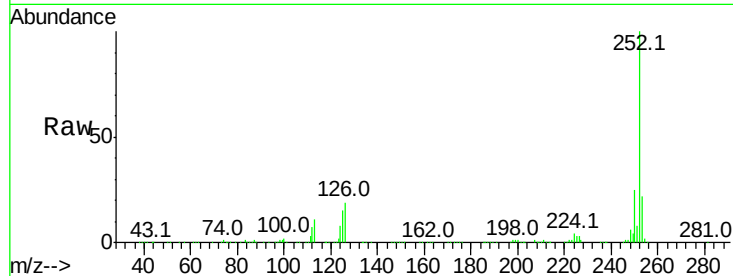
#89
Benzo(a)pyrene
Concen: 46.077 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.1	9.8	14.6

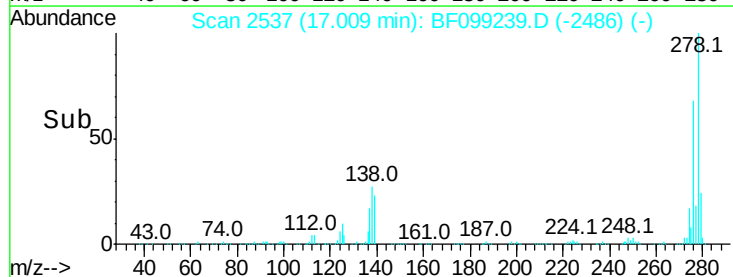
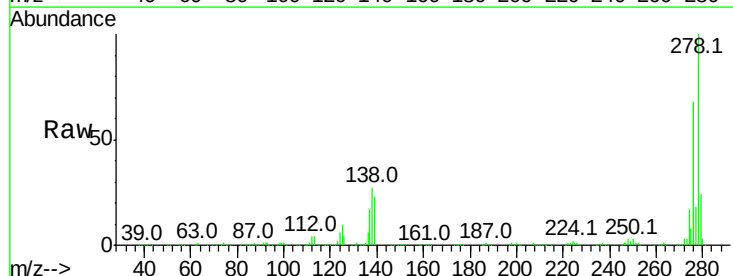
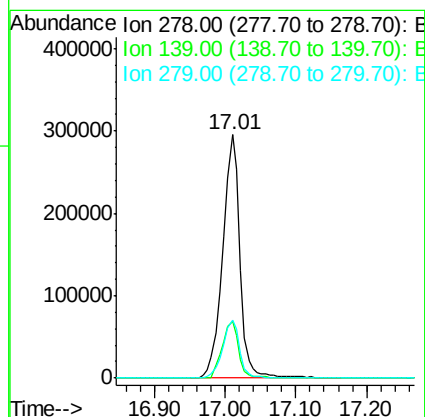
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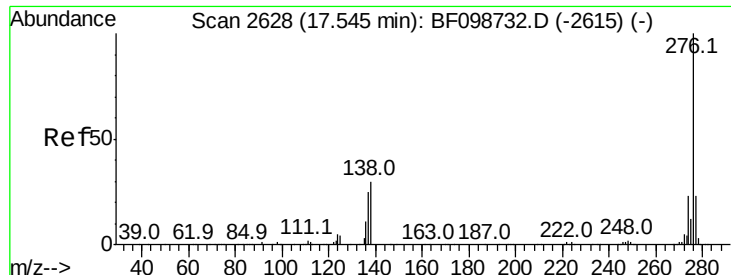
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#90
Dibenzo(a,h)anthracene
Concen: 49.102 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF099239.D
Acq: 8 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.584 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099239.D
 Acq: 8 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	31.0	21.8	32.8

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