

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099199.D
 Acq On : 7 Oct 2017 17:31
 Operator : SJ/JU
 Sample : I5678-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:34:15 PM

Quant Time: Oct 08 04:43:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115894	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	450642	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	179168	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	270120	20.00	ng	0.00
75) Chrysene-d12	14.03	240	216980	20.00	ng	0.00
86) Perylene-d12	15.51	264	171596	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	203534	27.96	ng	0.00
7) Phenol-d6	6.49	99	241170	26.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	130540	18.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	32495	22.16	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	250641	23.35	ng	0.00
78) Terphenyl-d14	12.97	244	172893	18.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	23632	6.795	ng	93
3) Pyridine	3.46	79	52724	5.604	ng	95
4) n-Nitrosodimethylamine	3.36	42	28191	7.067	ng	80
6) Aniline	6.53	93	60910	5.025	ng	97
8) 2-Chlorophenol	6.65	128	71082	8.622	ng	93
9) Benzaldehyde	6.42	77	29052	5.577	ng	94
10) Phenol	6.50	94	95937	9.552	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	65067	8.333	ng	97
12) 1,3-Dichlorobenzene	6.80	146	73970	8.567	ng	97
13) 1,4-Dichlorobenzene	6.88	146	76837	8.746	ng	97
14) 1,2-Dichlorobenzene	7.03	146	72285	8.905	ng	96
15) Benzyl Alcohol	7.00	79	54558	8.281	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	94499	7.768	ng	98
17) 2-Methylphenol	7.12	107	57278	8.491	ng	96
18) Hexachloroethane	7.37	117	17621	5.580	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	45335	7.906	ng	# 94
20) 3+4-Methylphenols	7.27	107	72268	8.468	ng	# 51
22) Acetophenone	7.27	105	97361	8.917	ng	# 97
24) Nitrobenzene	7.45	77	66643	8.360	ng	96
25) Isophorone	7.68	82	121334	8.352	ng	100
26) 2-Nitrophenol	7.76	139	21183	5.526	ng	88
27) 2,4-Dimethylphenol	7.80	122	59121	8.167	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	79236	8.752	ng	98
29) 2,4-Dichlorophenol	8.00	162	51635	8.308	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	56188	9.039	ng	99
31) Naphthalene	8.17	128	208662	9.859	ng	99
33) 4-Chloroaniline	8.22	127	55504	6.280	ng	97
34) Hexachlorobutadiene	8.28	225	27092	8.462	ng	97
35) Caprolactam	8.55	113	14460	7.253	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	52064	7.453	ng	95
37) 2-Methylnaphthalene	8.86	142	143185	10.407	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	48427	9.063	ng	98
42) 2,4,6-Trichlorophenol	9.14	196	30063	7.942	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	31035	8.213	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.32	154	147396	9.572	ng	98
46) 2-Chloronaphthalene	9.35	162	108292	9.367	ng	97
47) 2-Nitroaniline	9.45	65	31247	8.827	ng	90
48) Acenaphthylene	9.76	152	179575	10.146	ng	100
49) Dimethylphthalate	9.62	163	160590	11.876	ng	98
50) 2,6-Dinitrotoluene	9.68	165	20093	6.825	ng	94
51) Acenaphthene	9.93	154	114102	10.177	ng	98
52) 3-Nitroaniline	9.85	138	29915	8.715	ng	98
54) Dibenzofuran	10.10	168	159515	10.686	ng	100
55) 4-Nitrophenol	10.02	139	30635	10.554	ng	87
56) 2,4-Dinitrotoluene	10.09	165	22814	5.971	ng	# 93
57) Fluorene	10.45	166	139705	11.644	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	19751	7.566	ng	99
59) Diethylphthalate	10.32	149	116206	8.794	ng	97
60) 4-Chlorophenyl-phenylether	10.44	204	46992	8.719	ng	96
61) 4-Nitroaniline	10.46	138	30271	9.141	ng	86
62) Azobenzene	10.60	77	98162	8.080	ng	94
65) n-Nitrosodiphenylamine	10.56	169	93939	10.039	ng	97
66) 4-Bromophenyl-phenylether	10.93	248	24382	9.222	ng	98
67) Hexachlorobenzene	11.00	284	24608	8.714	ng	94
68) Atrazine	11.08	200	26751	9.501	ng	99
69) Pentachlorophenol	11.19	266	16819	9.570	ng	97
70) Phenanthrene	11.42	178	337775	23.361	ng	98
71) Anthracene	11.46	178	193292	13.066	ng	99
72) Carbazole	11.62	167	149258	10.303	ng	99
73) Di-n-butylphthalate	11.94	149	159700	9.158	ng	98
74) Fluoranthene	12.60	202	387554	26.470	ng	98
76) Benzidine	12.72	184	30946	3.856	ng	97
77) Pyrene	12.83	202	368440	22.268	ng	99
79) Butylbenzylphthalate	13.44	149	64859	8.341	ng	99
80) Benzo(a)anthracene	14.02	228	220340	16.770	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	38036	7.897	ng	100
82) Chrysene	14.06	228	200367	16.018	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	103437	9.661	ng	97
84) Di-n-octyl phthalate	14.61	149	157835	9.155	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.99	276	117267	11.720	ng	98
87) Benzo(b)fluoranthene	15.07	252	189018m	17.916	ng	
88) Benzo(k)fluoranthene	15.10	252	141860m	13.613	ng	
89) Benzo(a)pyrene	15.44	252	156887	16.200	ng	# 94
90) Dibenzo(a,h)anthracene	17.00	278	75321	9.718	ng	96
91) Benzo(g,h,i)perylene	17.44	276	97395	12.713	ng	93

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

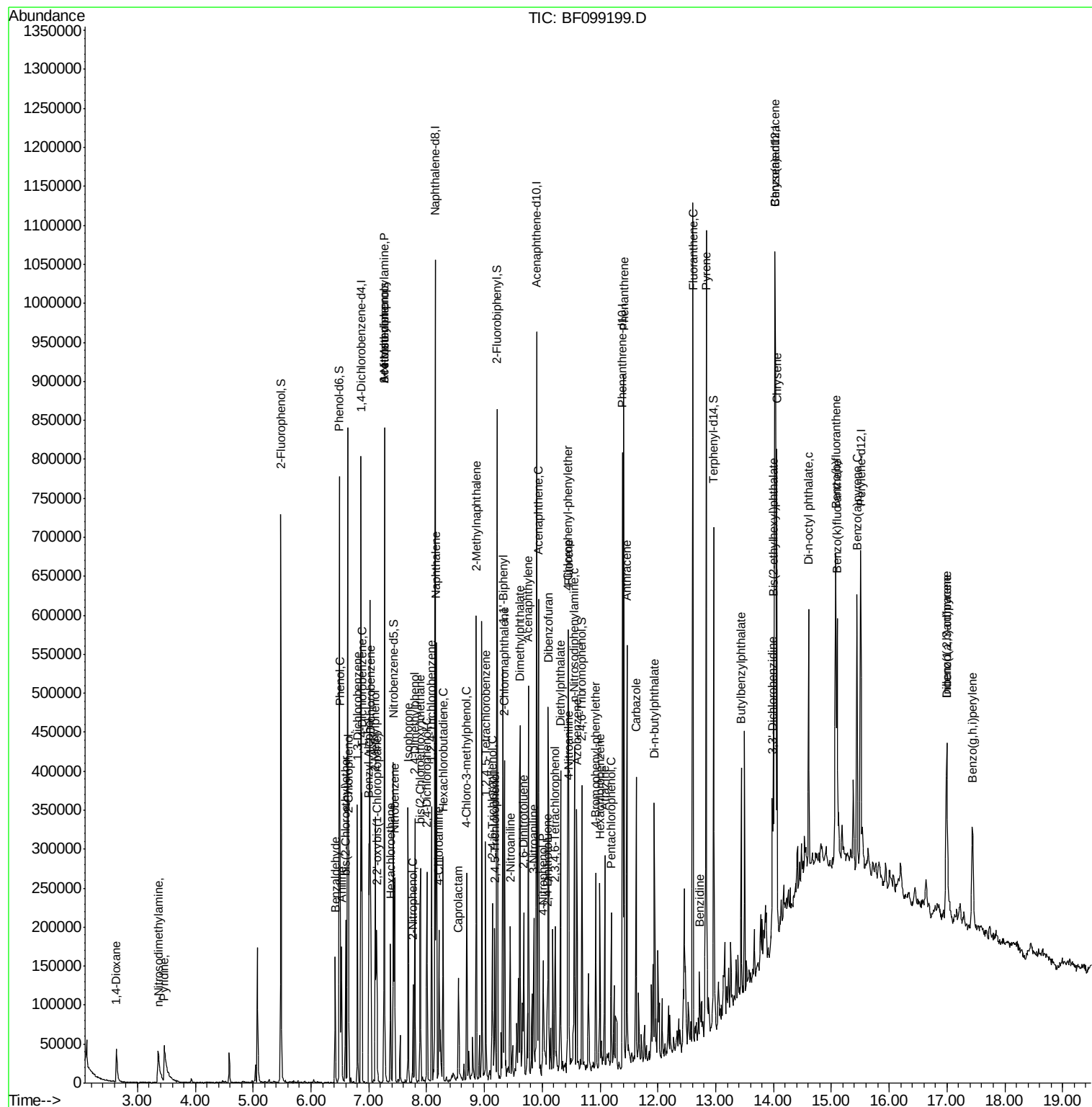
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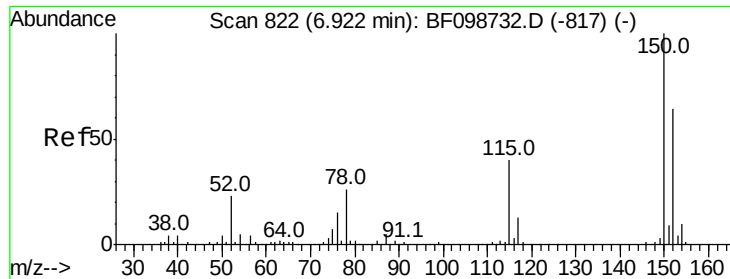
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#1

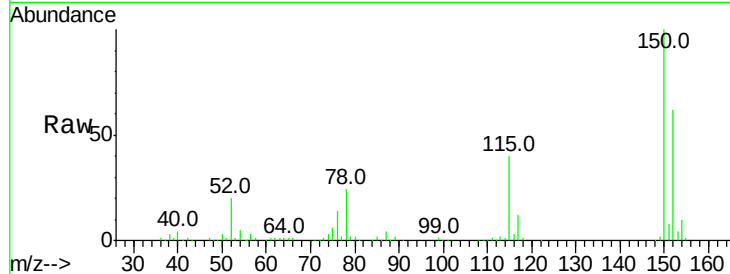
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

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ClientSampleId :
OR-03-100417MS

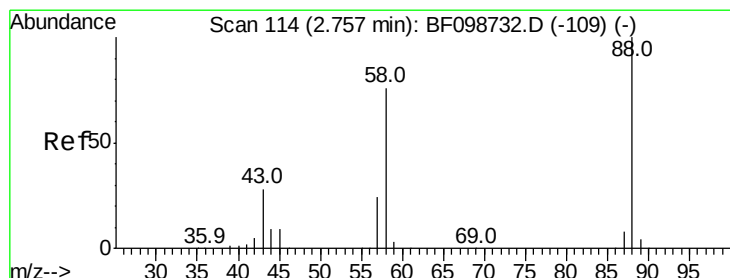
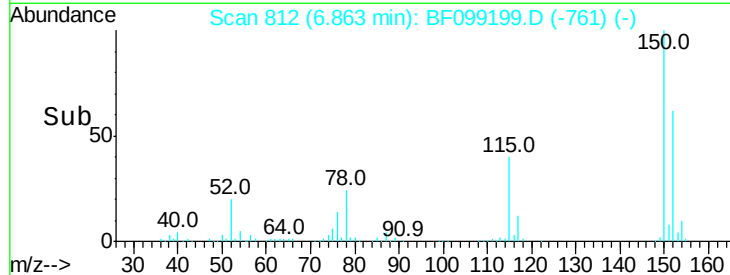
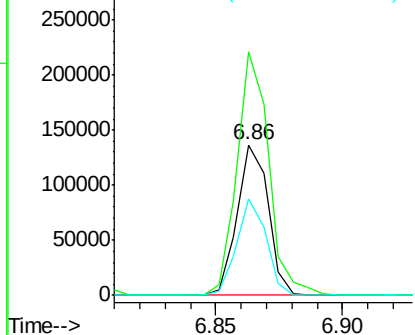
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	64.3	50.1	75.1

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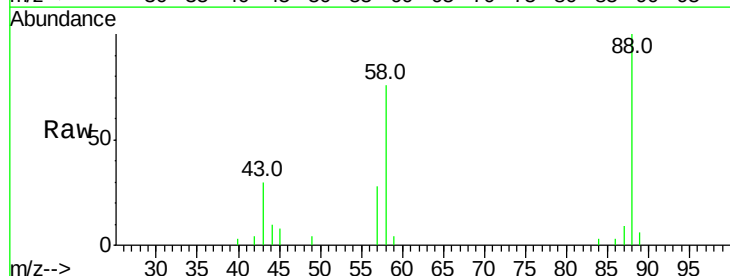
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



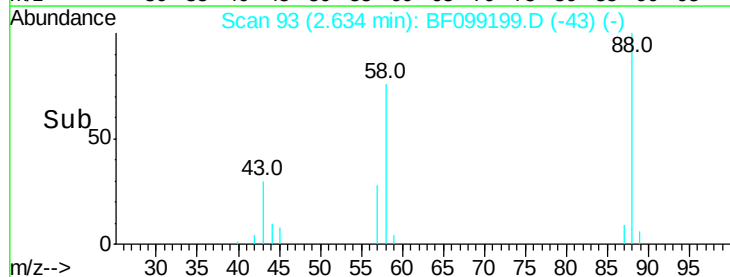
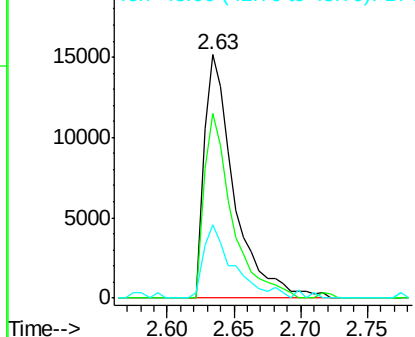
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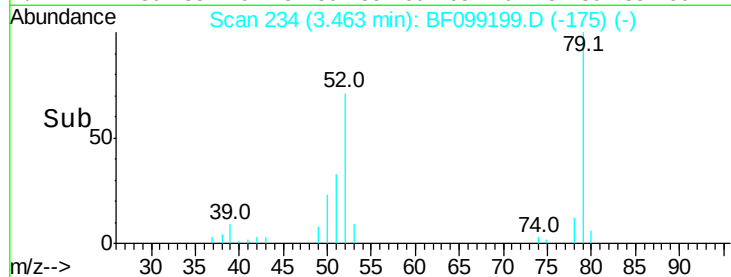
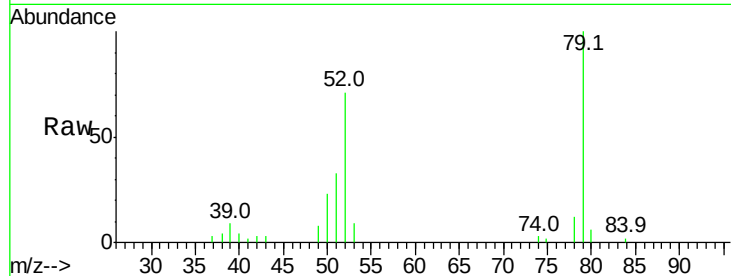
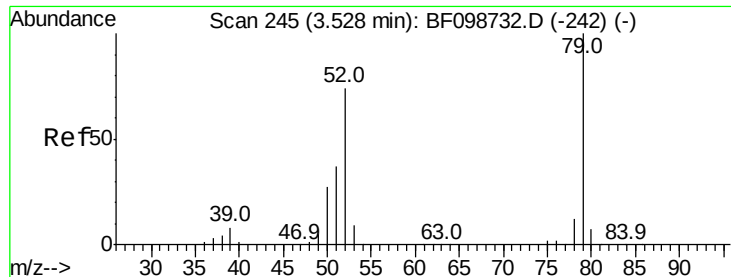
1,4-Dioxane
Concen: 6.795 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF099199.D
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Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	62.6	93.8
43	30.1	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





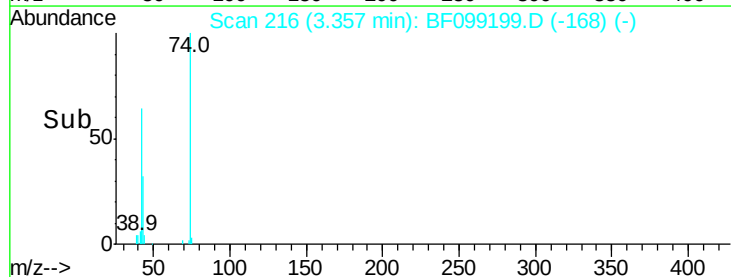
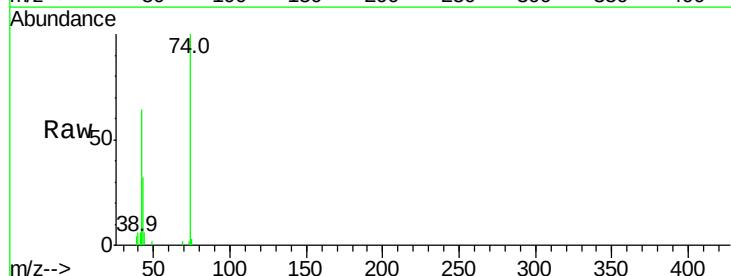
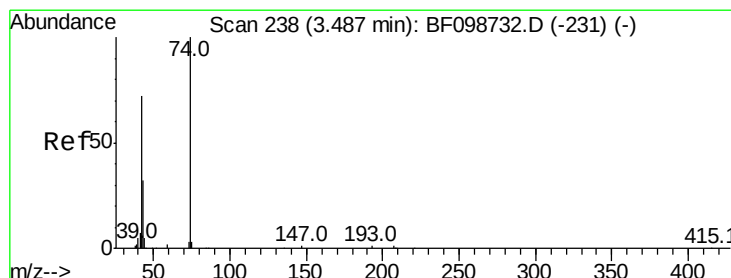
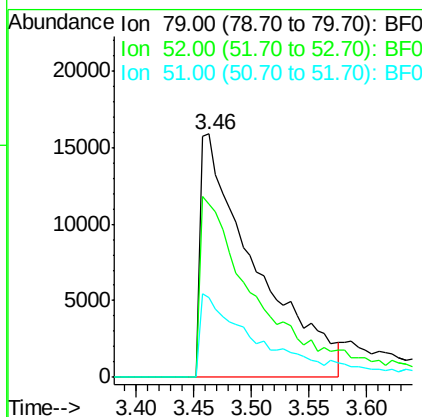
#3
Pvridine
Concen: 5.604 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.05 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tot Ion:	79	Resp:	52724
Ion	Ratio	Lower	Upper
79	100		
52	71.2	59.8	89.6
51	32.7	29.8	44.8

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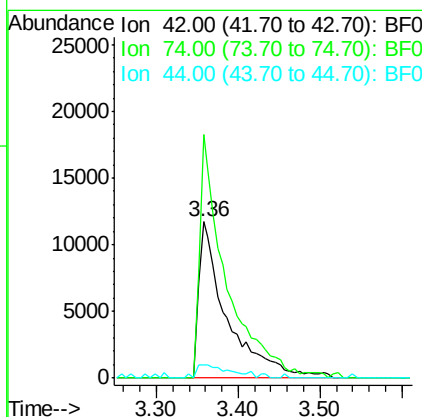
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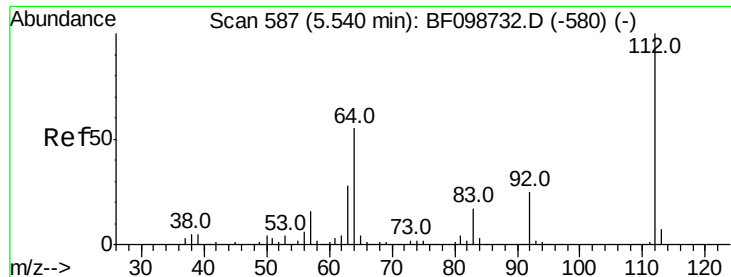
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#4
n-Nitrosodimethylamine
Concen: 7.067 ng
RT: 3.36 min Scan# 216
Delta R.T. -0.02 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion:	42	Resp:	28191
Ion	Ratio	Lower	Upper
42	100		
74	156.0	104.9	157.3
44	8.8	6.9	10.3





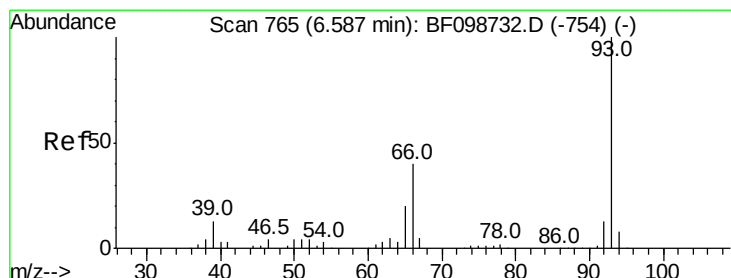
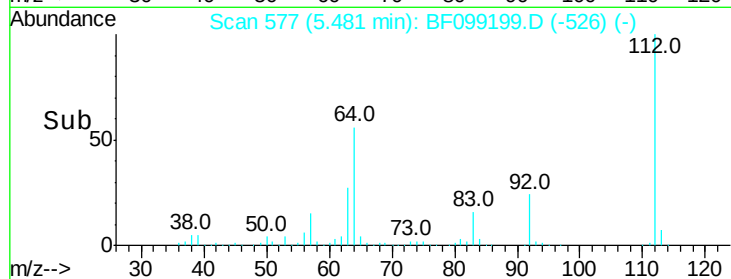
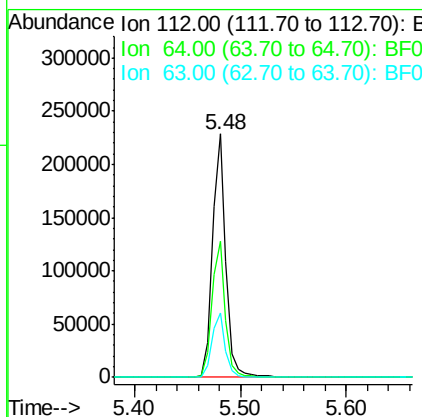
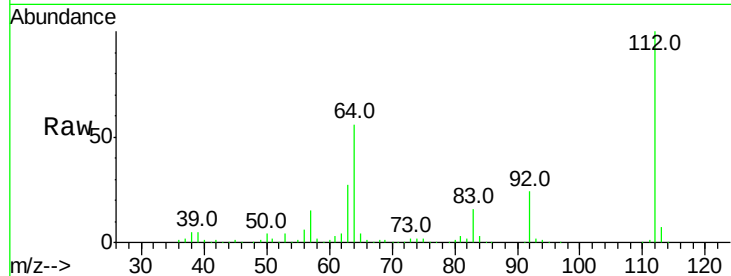
#5
2-Fluorophenol
Concen: 27.957 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
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Tot Ion:	112	Resp:	203534
Ion Ratio	Lower	Upper	
112	100		
64	56.2	47.9	71.9
63	26.7	23.7	35.5

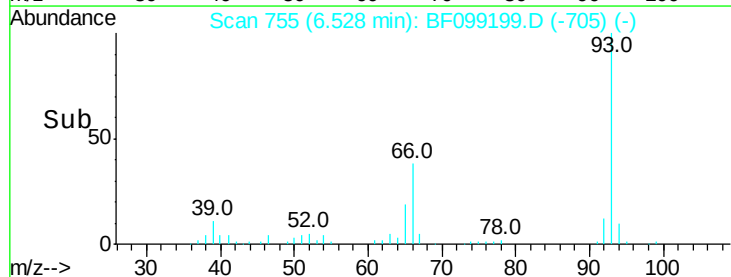
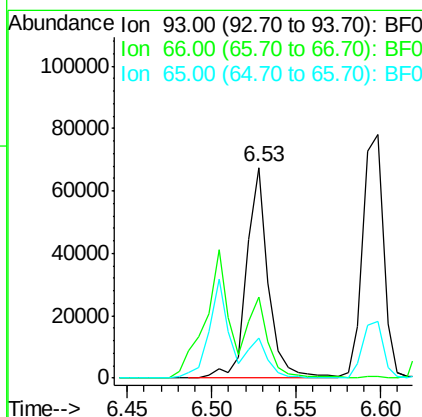
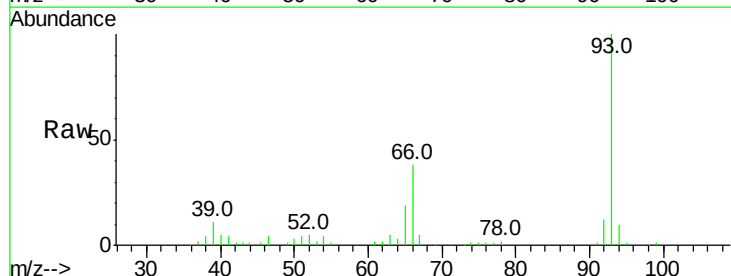
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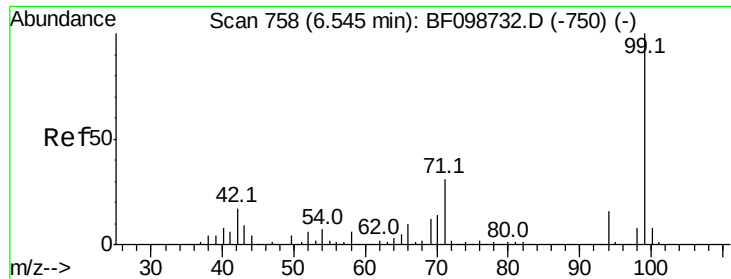
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#6
Aniline
Concen: 5.025 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF099199.D
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Tgt Ion:	93	Resp:	60910
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.2	48.2
65	18.8	16.4	24.6





#7

Phenol-d6

Concen: 26.853 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

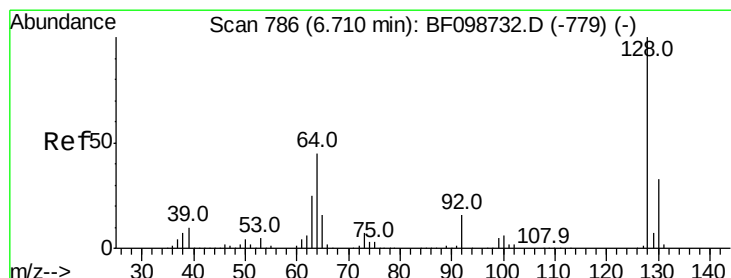
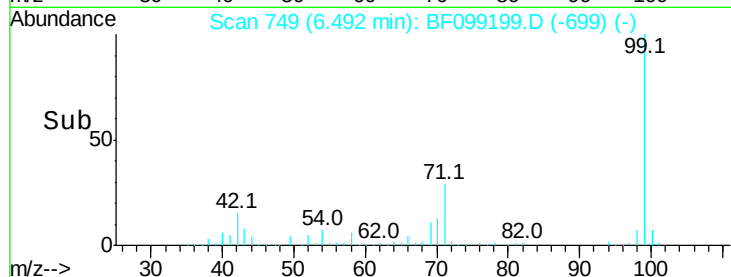
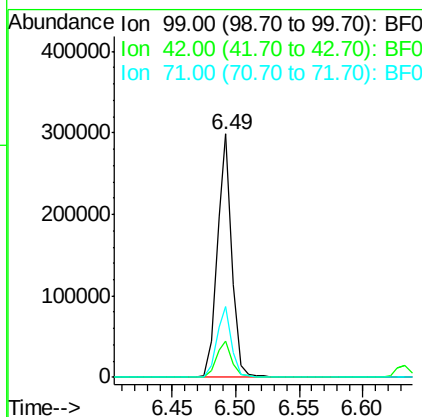
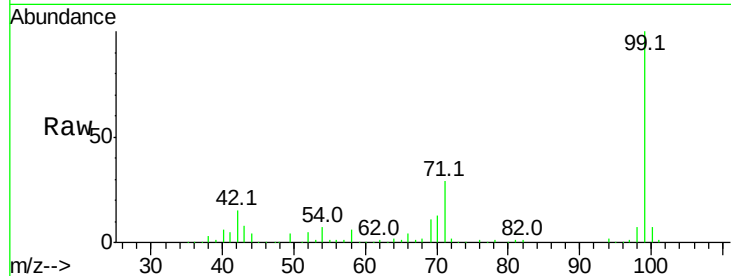
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Tot Ion:	99	Resp:	241170
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	28.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 8.622 ng

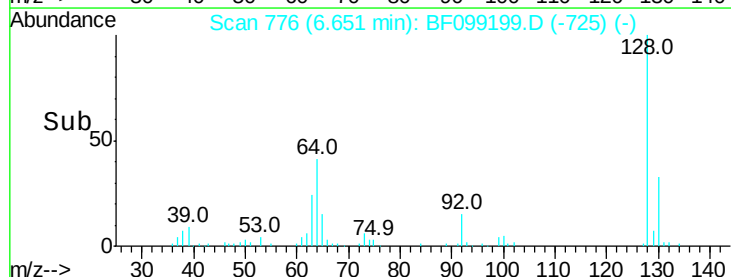
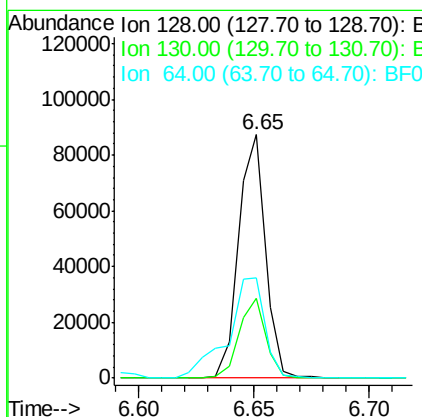
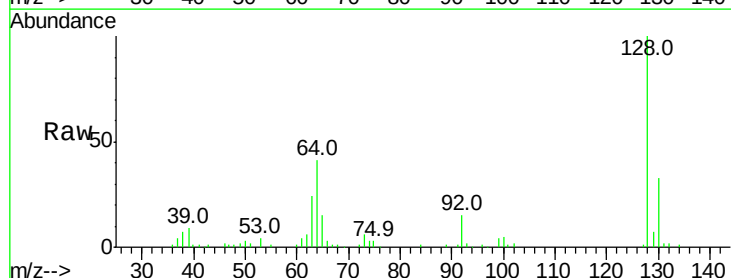
RT: 6.65 min Scan# 776

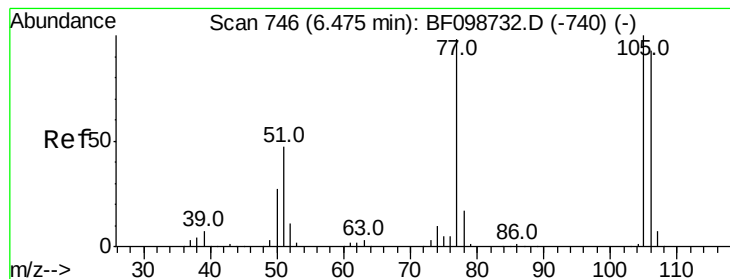
Delta R.T. -0.00 min

Lab File: BF099199.D

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Tgt Ion:	128	Resp:	71082
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	41.4	29.4	69.4





#9

Benzaldehyde

Concen: 5.577 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

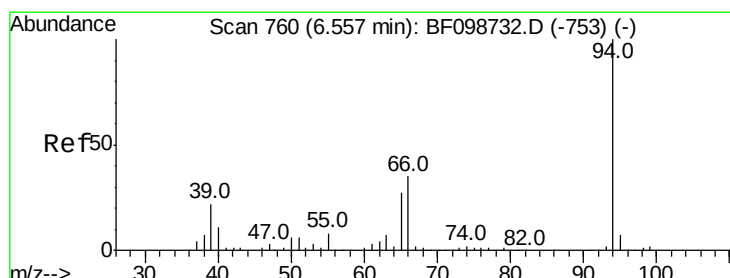
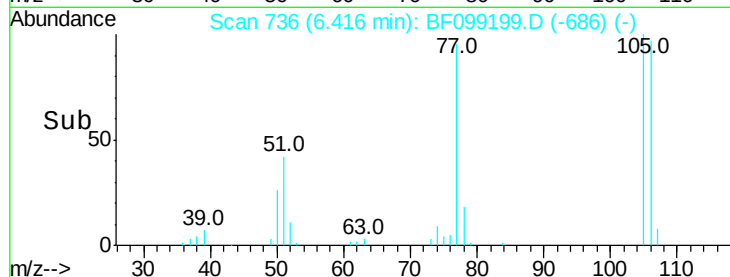
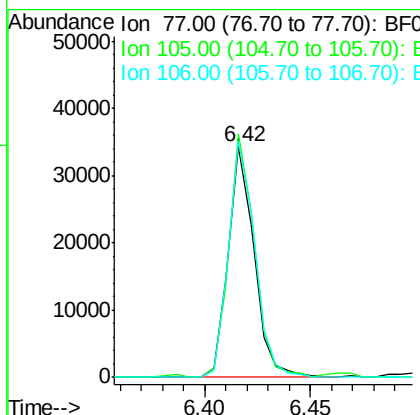
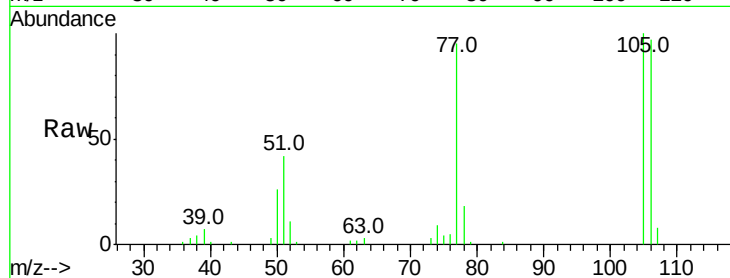
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Tot Ion:	77	Resp:	29052
Ion	Ratio	Lower	Upper
77	100		
105	105.5	81.1	121.1
106	102.1	74.5	114.5

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#10

Phenol

Concen: 9.552 ng

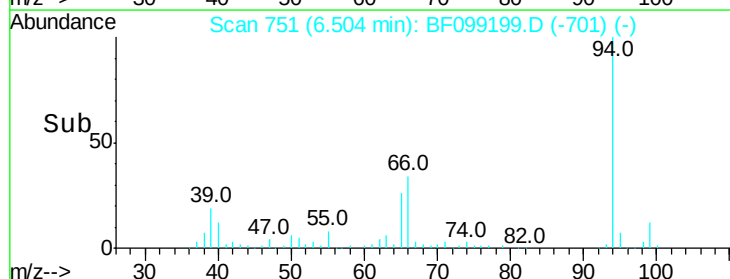
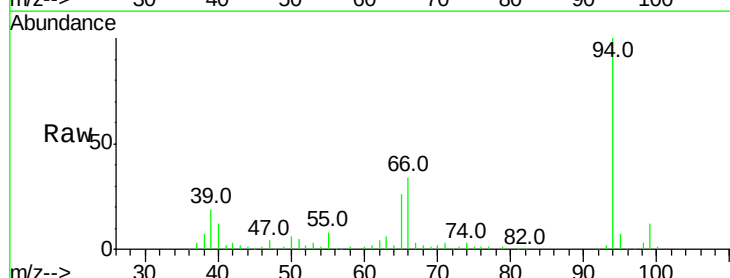
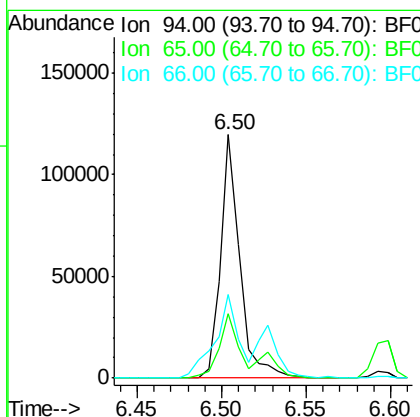
RT: 6.50 min Scan# 751

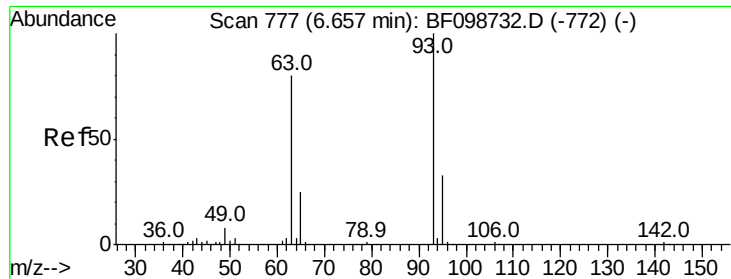
Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	94	Resp:	95937
Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.9	47.9
66	34.2	16.2	56.2





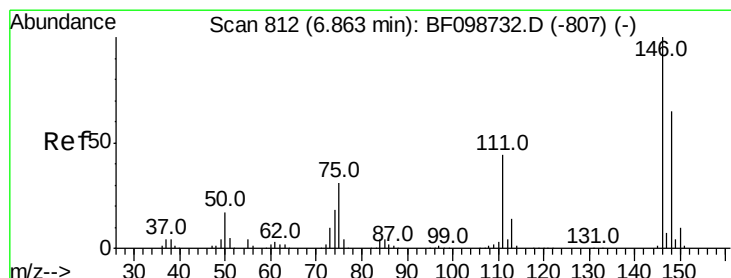
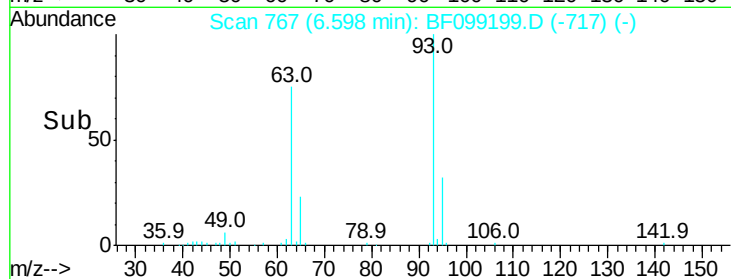
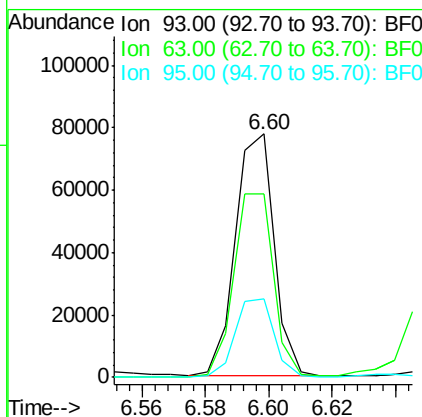
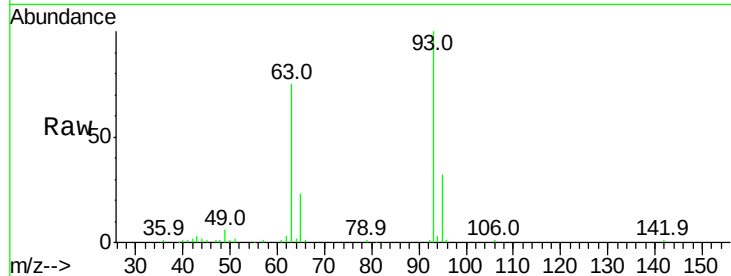
#11
bis(2-Chloroethyl)ether
Concen: 8.333 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	98.6
95	32.1	11.8	51.8

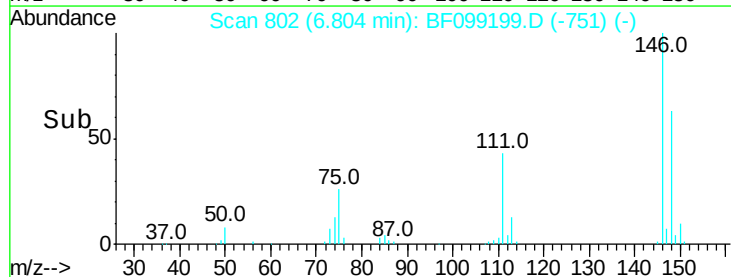
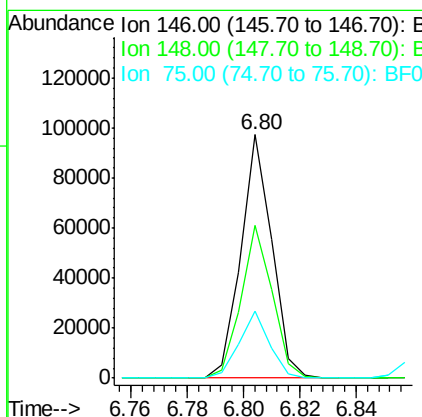
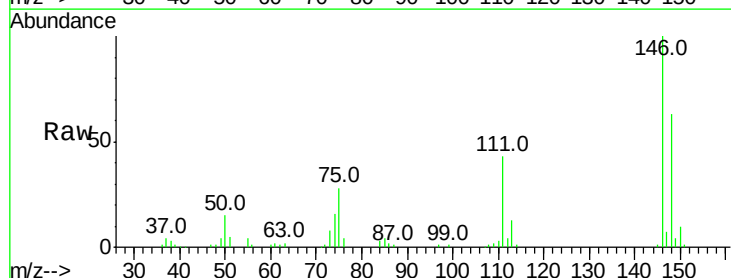
Manual Integrations
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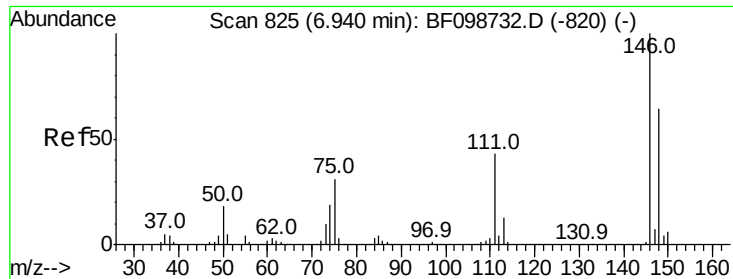
Sohil
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#12
1,3-Dichlorobenzene
Concen: 8.567 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	27.7	24.2	36.4





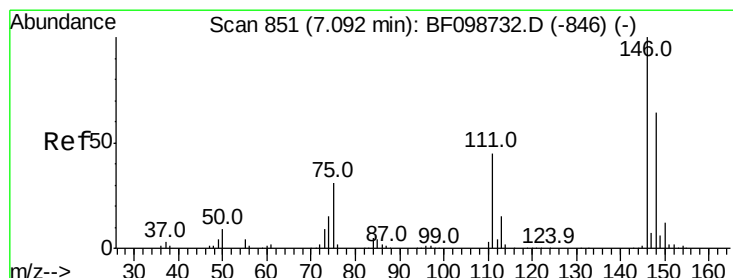
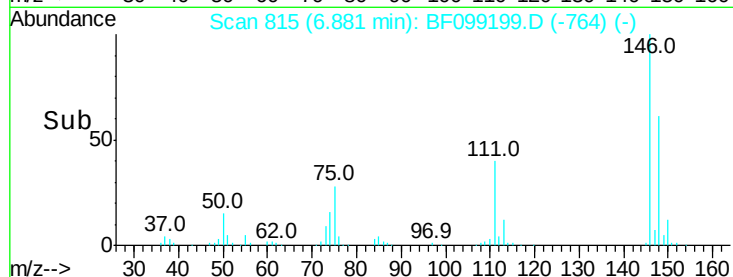
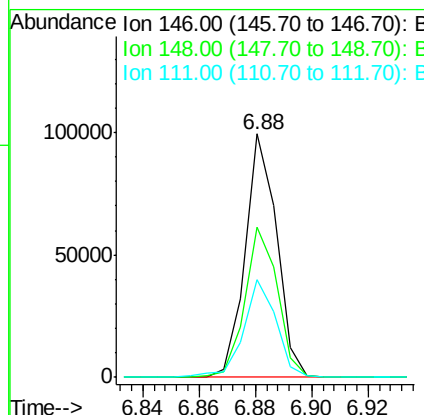
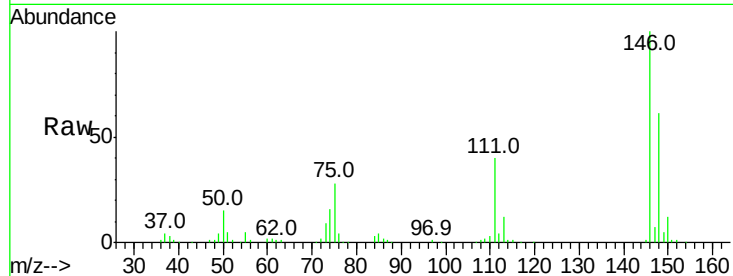
#13
 1,4-Dichlorobenzene
 Concen: 8.746 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.8	76.2
111	40.2	34.2	51.2

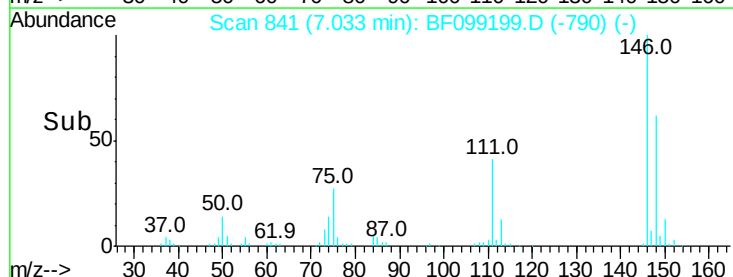
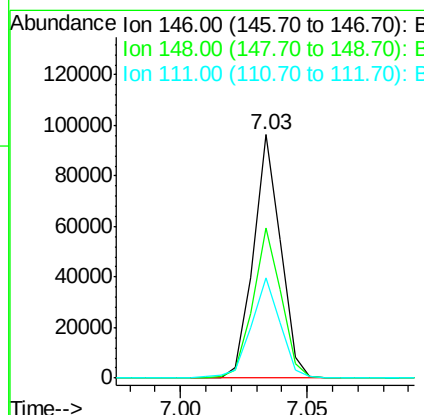
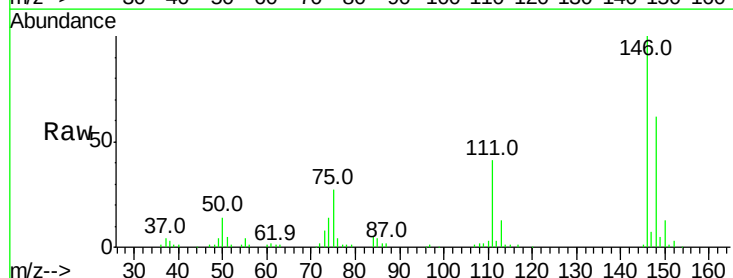
Manual Integrations
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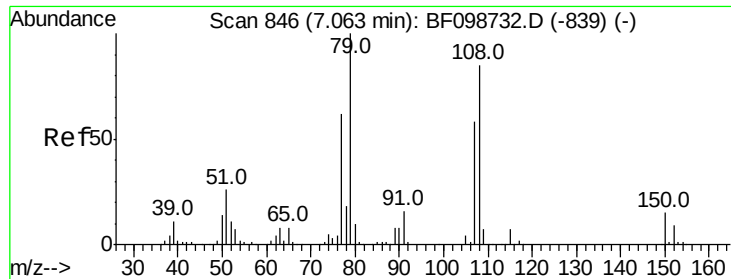
Sohil
 10/9/2017 6:34:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 8.905 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	75.8
111	40.9	36.0	54.0





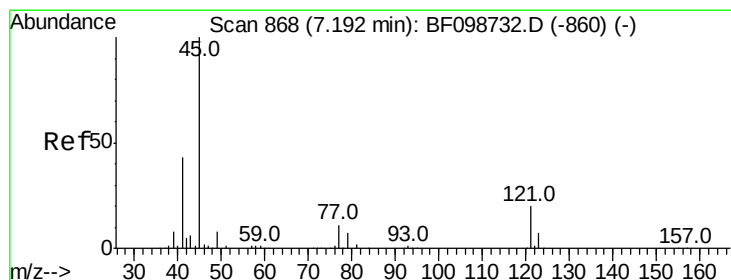
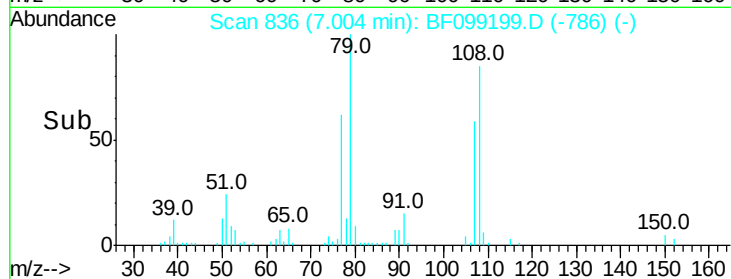
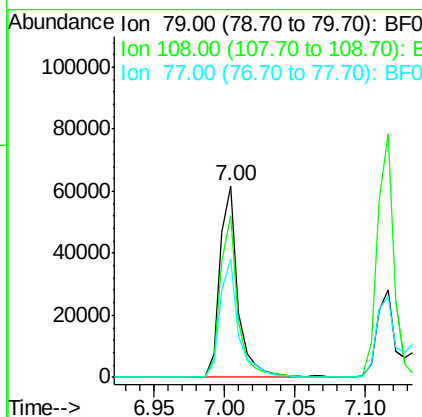
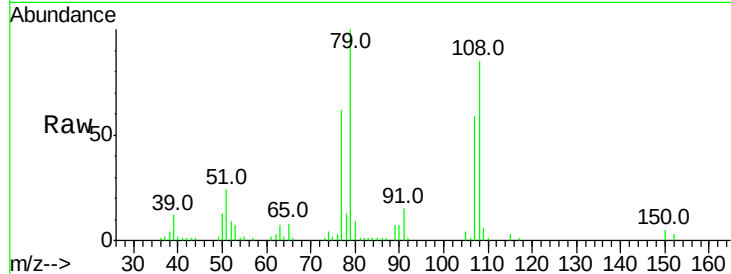
#15
Benzyl Alcohol
Concen: 8.281 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampled :
OR-03-100417MS

Tot Ion: 79 Resp: 54558
Ion Ratio Lower Upper
79 100
108 84.5 65.1 97.7
77 61.8 50.6 75.8

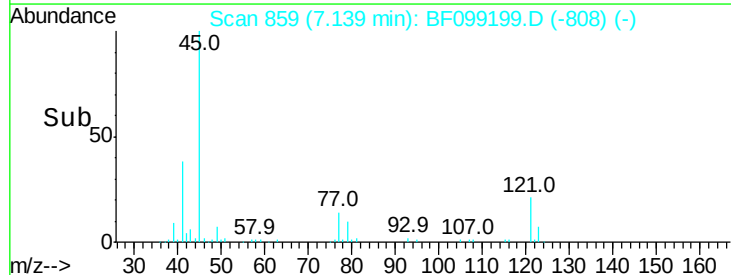
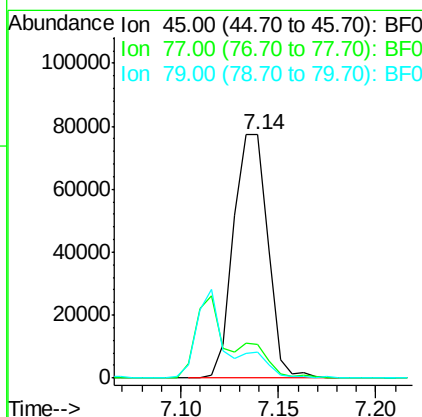
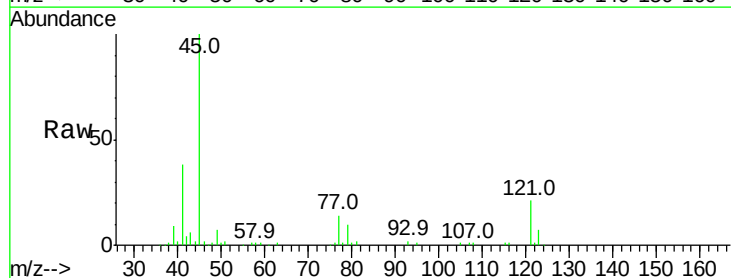
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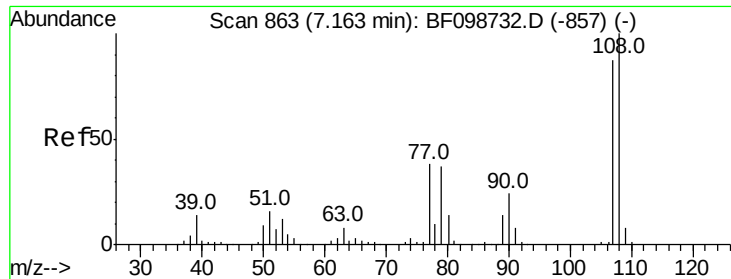
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#16
2,2'-oxybis(1-chloropropane)
Concen: 7.768 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion: 45 Resp: 94499
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 10.5 0.0 29.6





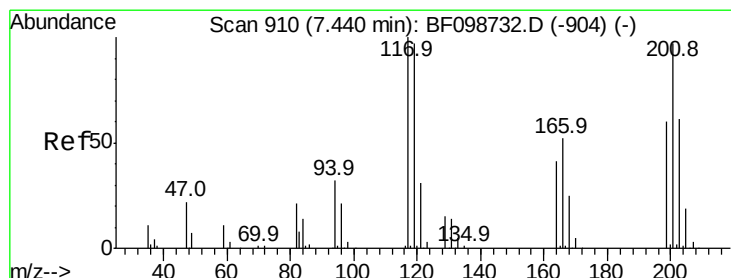
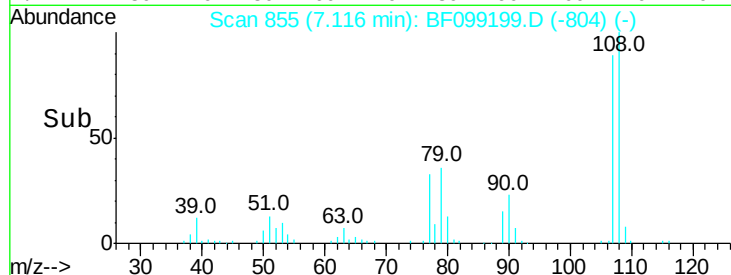
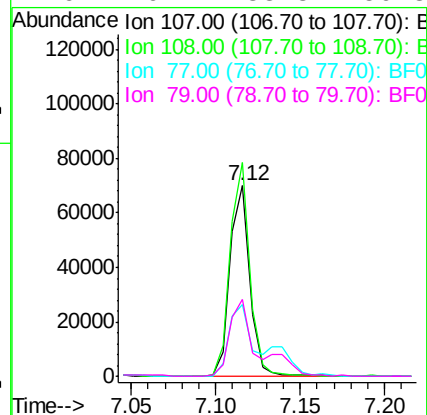
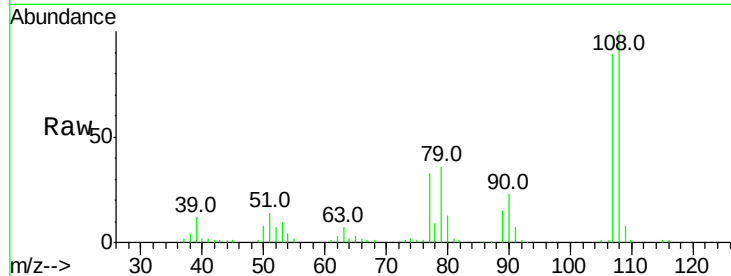
#17
2-Methylphenol
Concen: 8.491 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	37.5	33.8	50.8
79	40.1	33.8	50.8

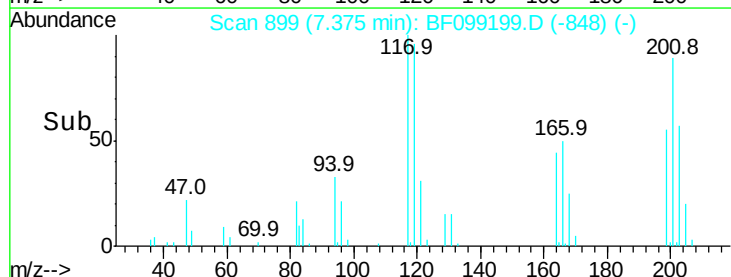
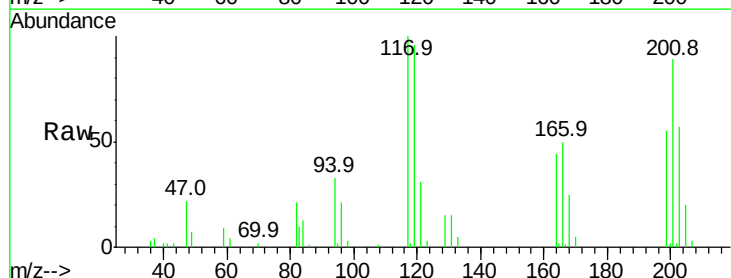
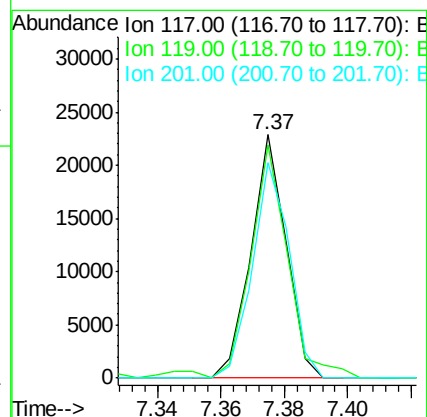
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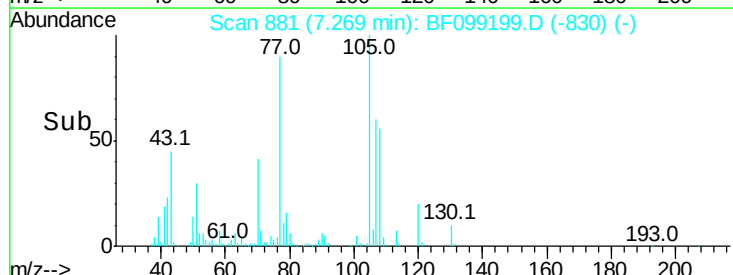
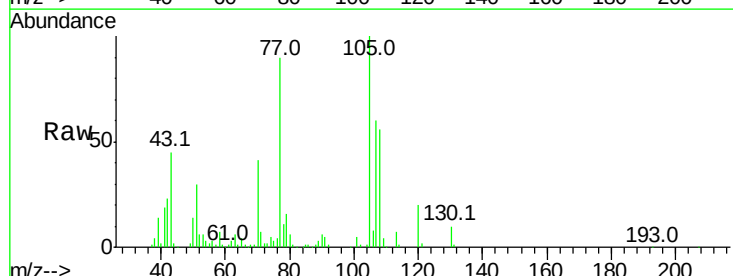
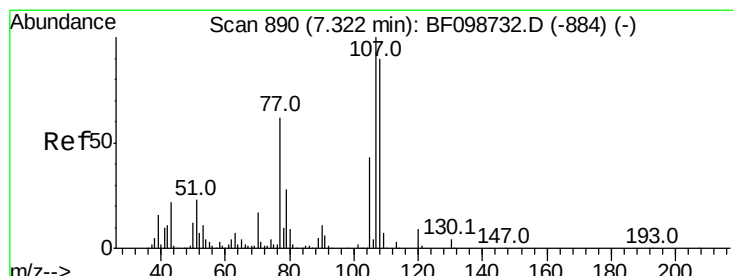
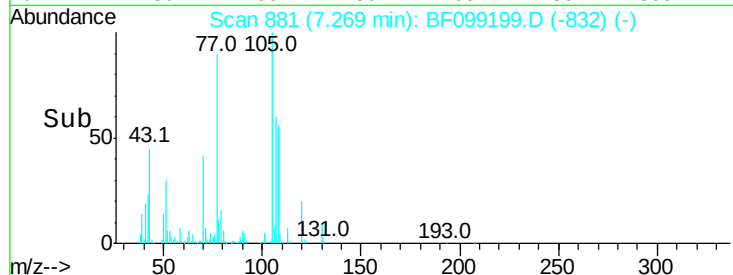
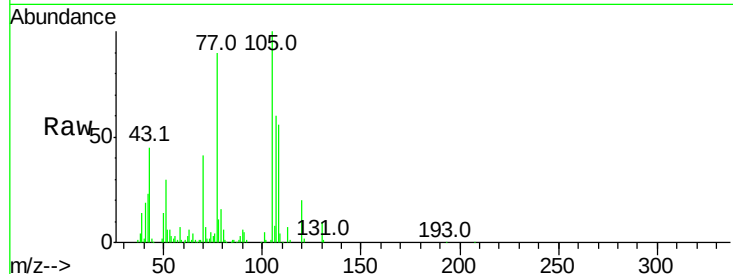
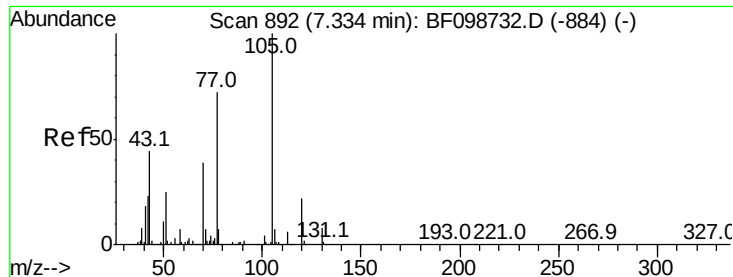
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#18
Hexachloroethane
Concen: 5.580 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	88.7	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 7.906 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF099199.D

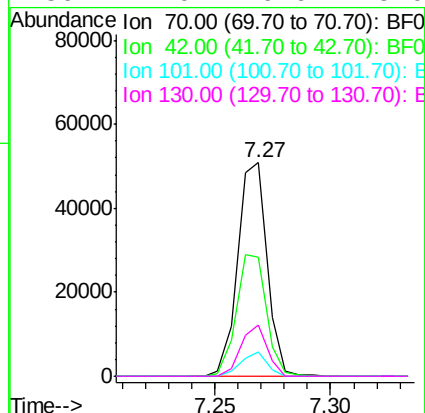
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	11.5	7.4	11.2#
130	24.0	16.6	25.0

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#20

3+4-Methylphenols

Concen: 8.468 ng

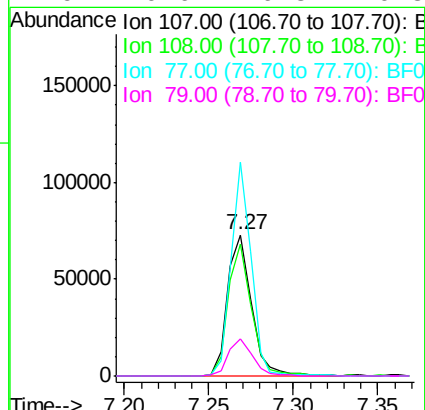
RT: 7.27 min Scan# 881

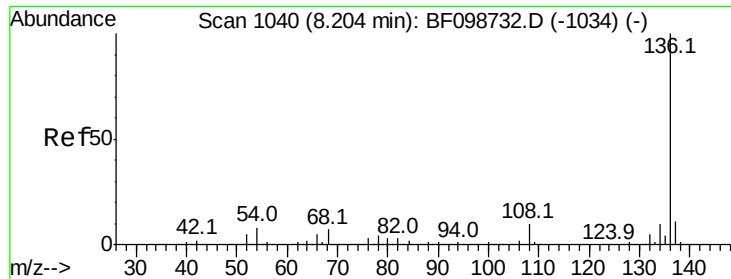
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	151.3	26.7	66.7#
79	26.6	6.3	46.3





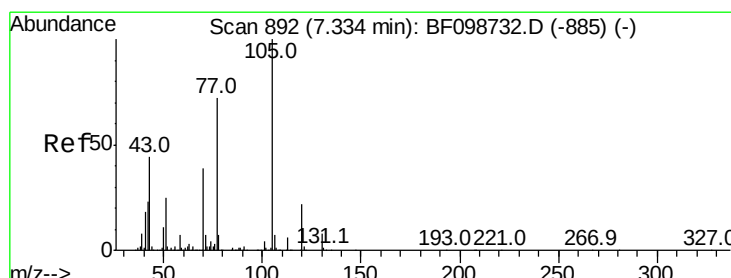
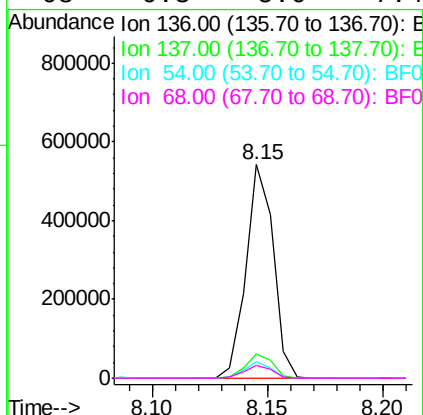
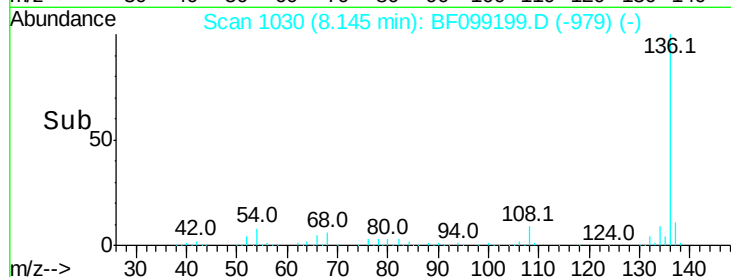
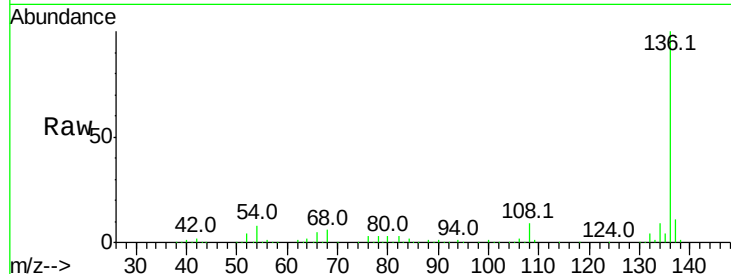
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.6	6.6	9.8	
68	6.3	5.0	7.4	

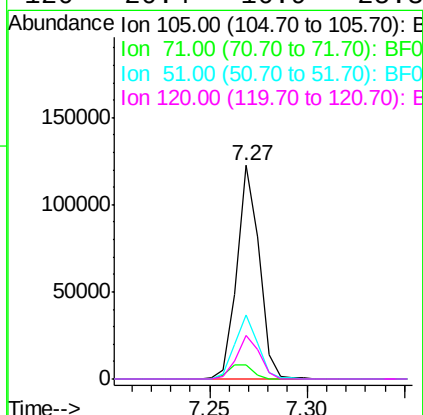
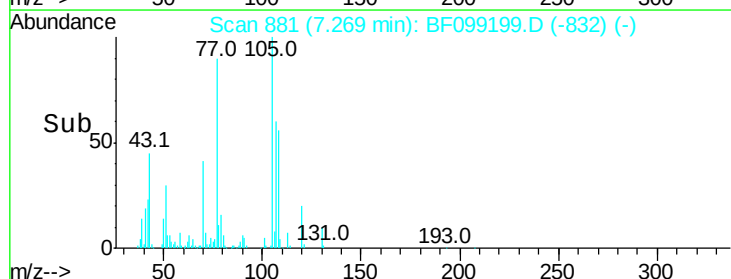
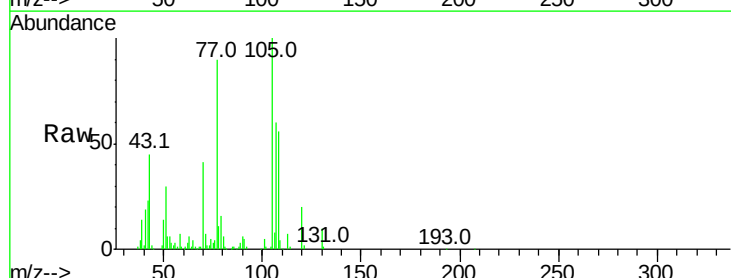
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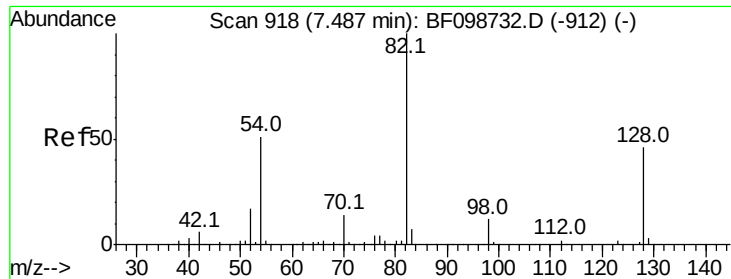
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#22
Acetophenone
Concen: 8.917 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6#	
51	30.1	22.3	33.5	
120	20.4	16.9	25.3	





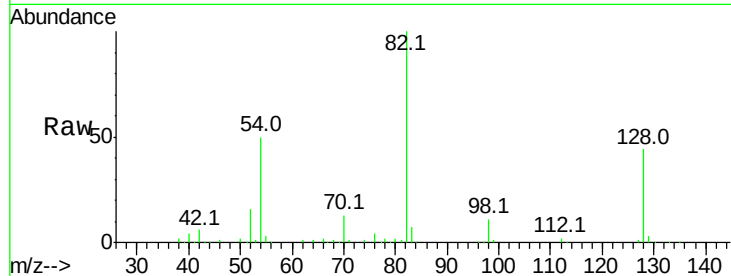
#23
Nitrobenzene-d5
Concen: 18.577 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

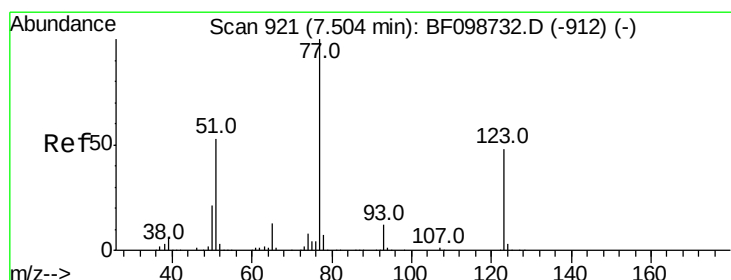
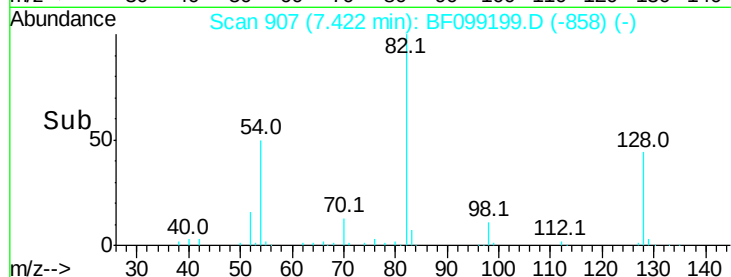
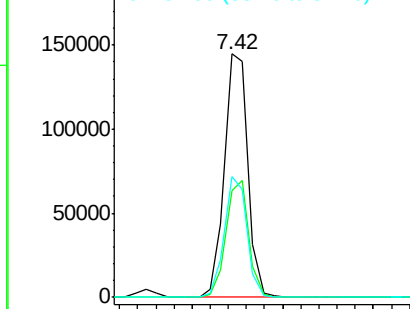
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.8	36.1	54.1	
54	49.6	41.4	62.2	

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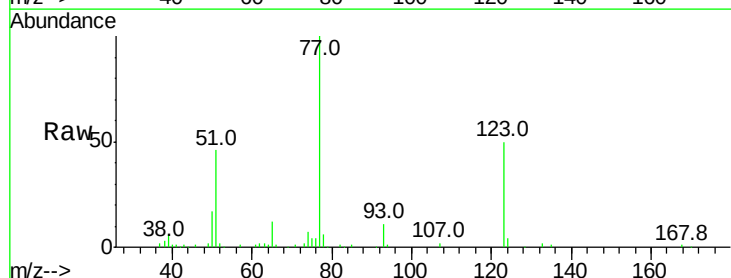


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

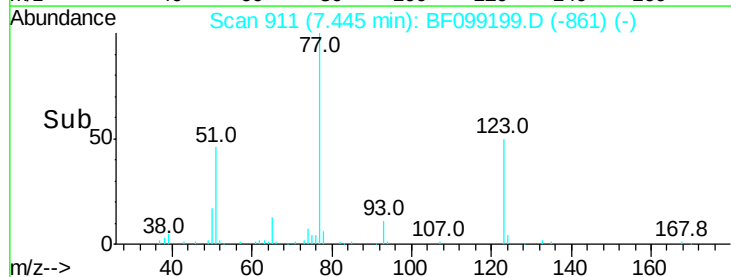
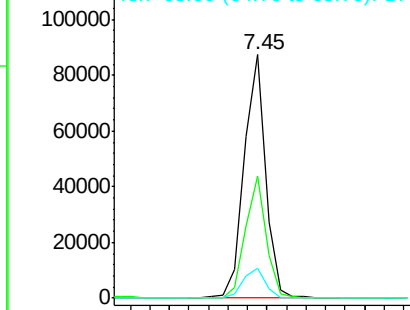


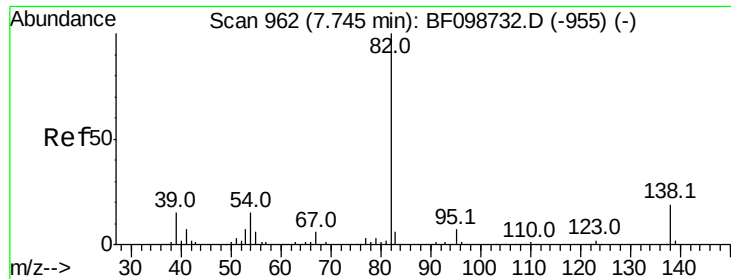
#24
Nitrobenzene
Concen: 8.360 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.0	37.9	56.9	
65	12.4	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 8.352 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

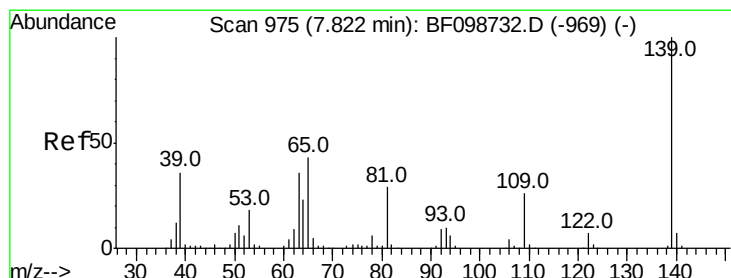
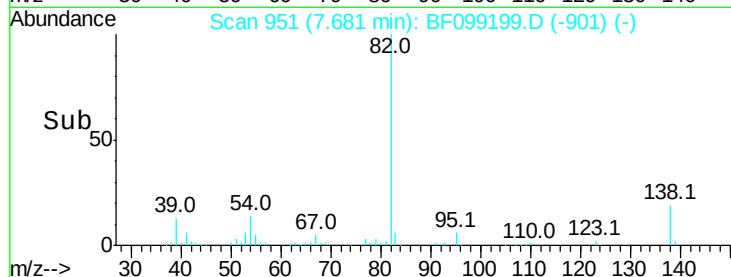
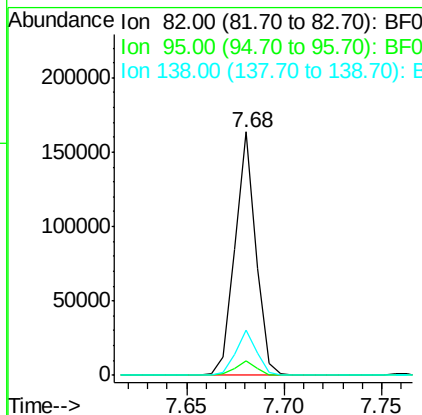
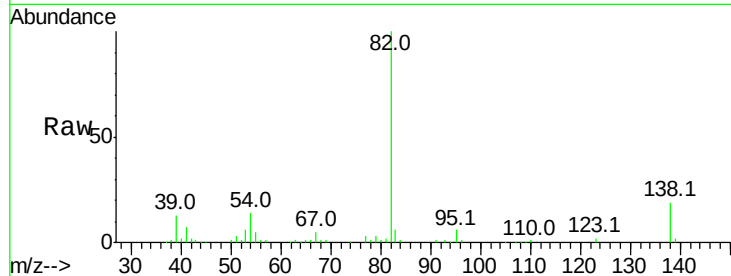
ClientSampleId :

OR-03-100417MS

Tot Ion:	82	Resp:	121334
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.2	7.8
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 5.526 ng

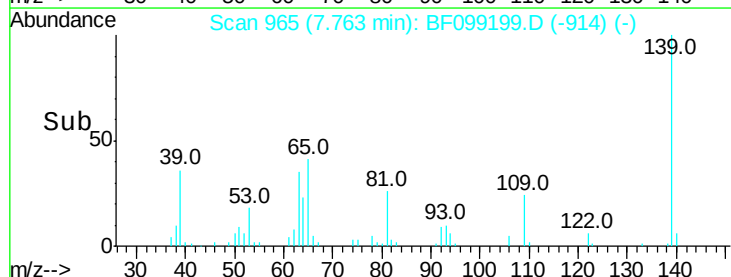
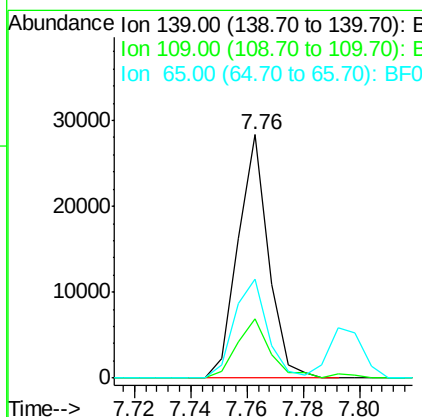
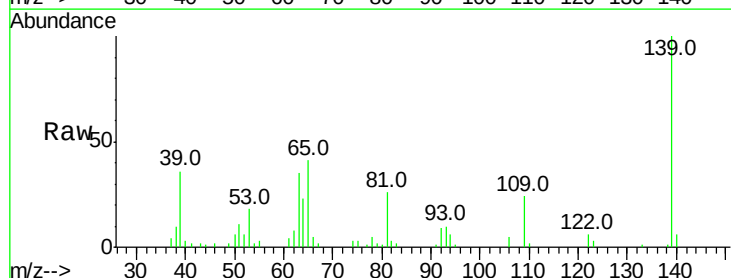
RT: 7.76 min Scan# 965

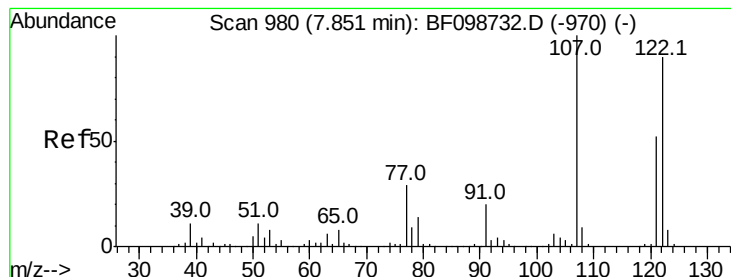
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	139	Resp:	21183
Ion Ratio	Lower	Upper	
139	100		
109	24.4	22.7	34.1
65	40.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 8.167 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

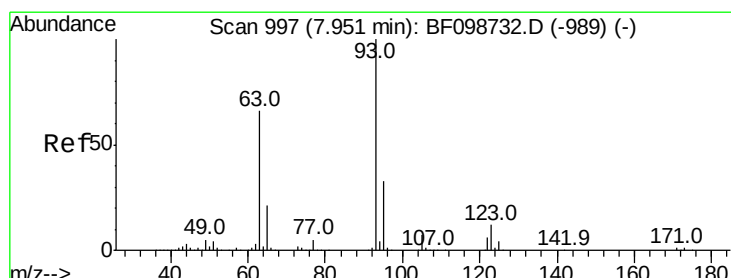
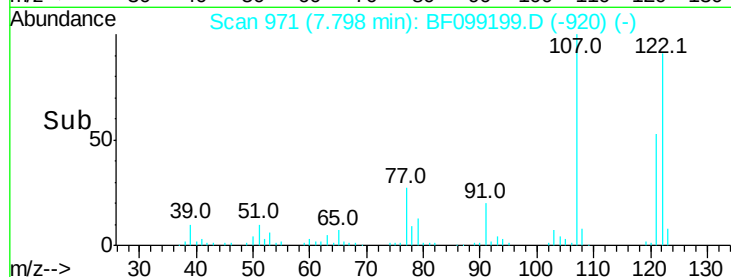
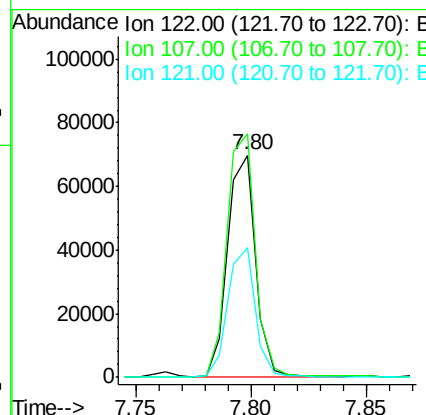
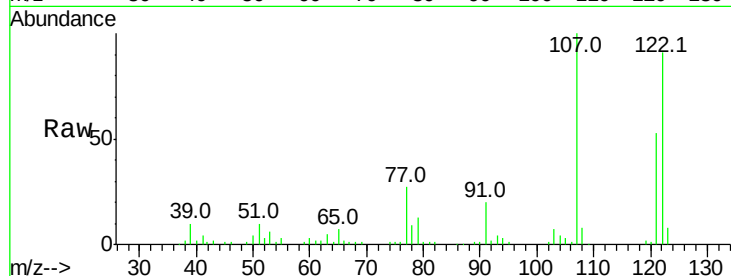
ClientSampleId :

OR-03-100417MS

Tot Ion:	122	Resp:	59121
Ion Ratio	Lower	Upper	
122	100		
107	109.5	91.2	136.8
121	58.1	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 8.752 ng

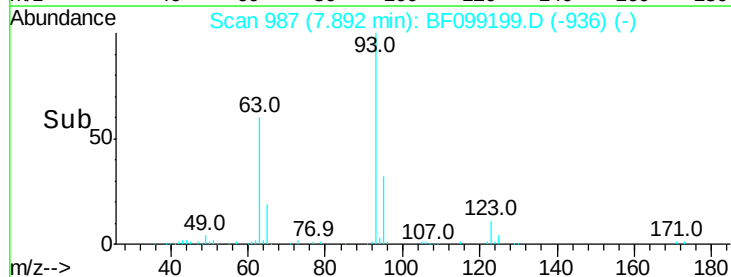
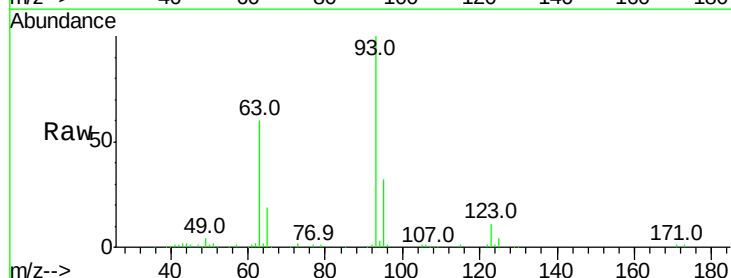
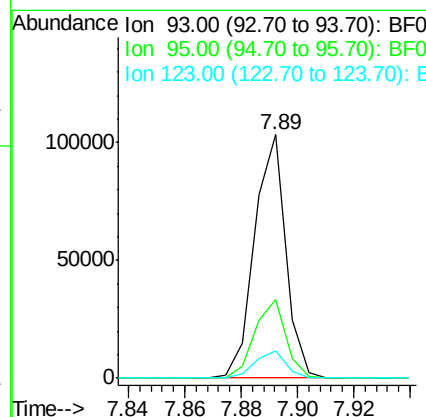
RT: 7.89 min Scan# 987

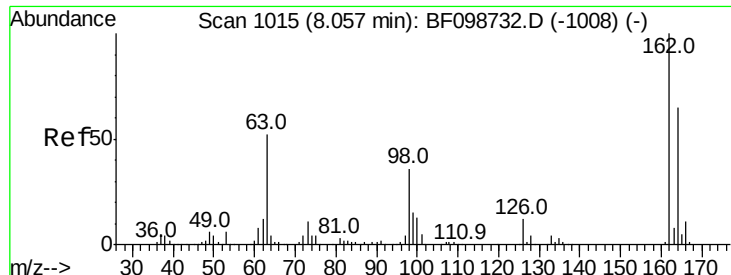
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	93	Resp:	79236
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.3	39.5
123	11.2	9.8	14.6





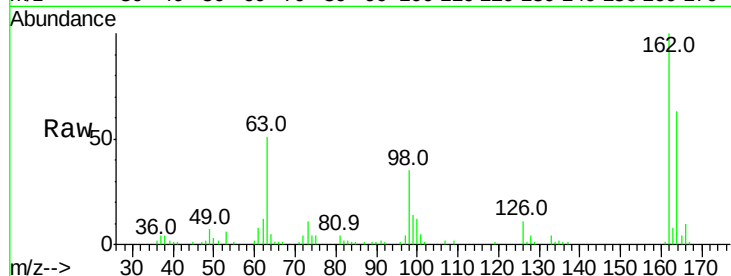
#29
2,4-Dichlorophenol
Concen: 8.308 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	51635		
164	63.0		42.7	82.7
98	35.4		18.1	58.1

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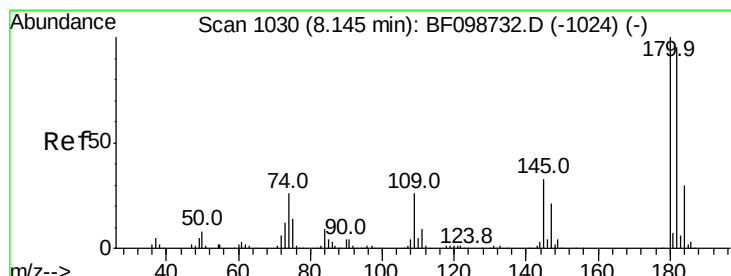
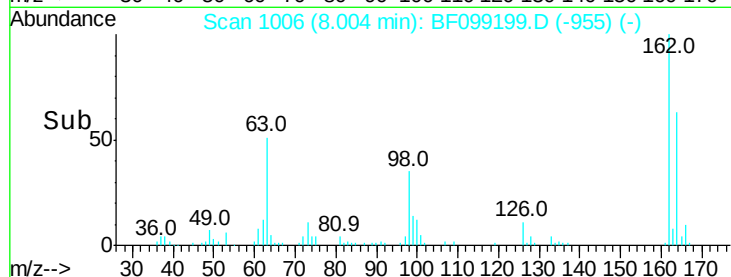
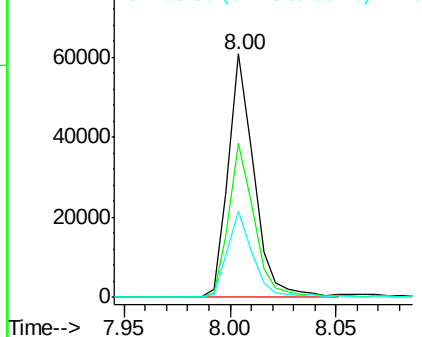


Abundance

Ion 162.00 (161.70 to 162.70): E

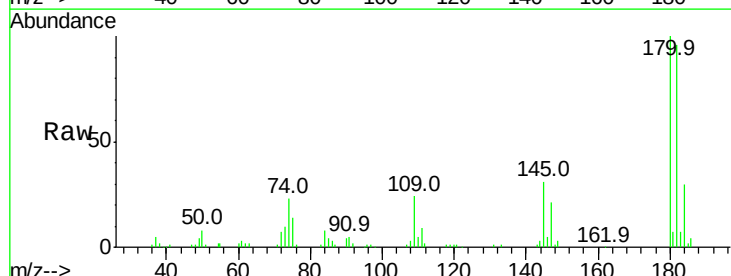
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 9.039 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56188		
182	96.0		76.8	115.2
145	30.9		26.5	39.7

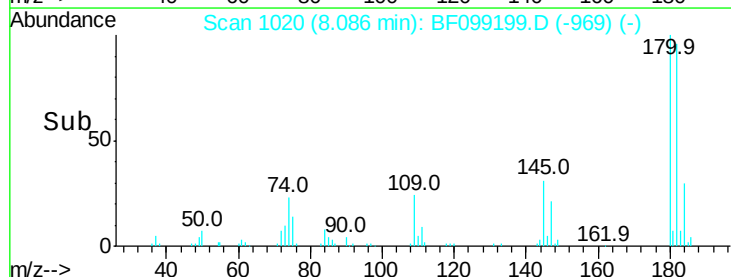
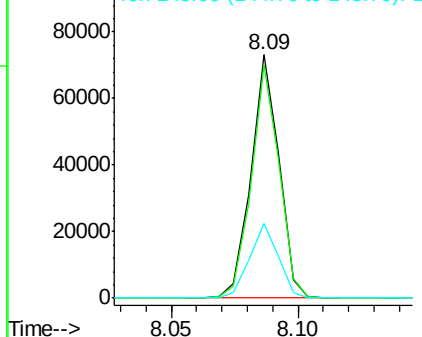


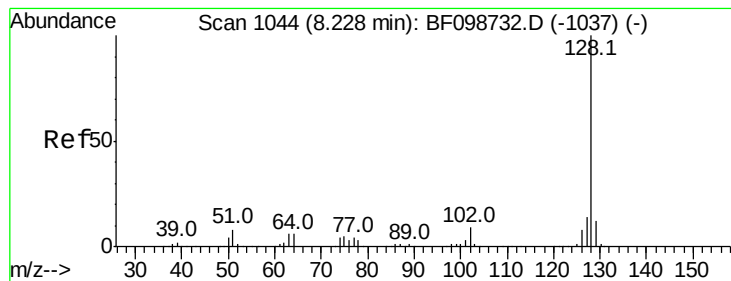
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.859 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

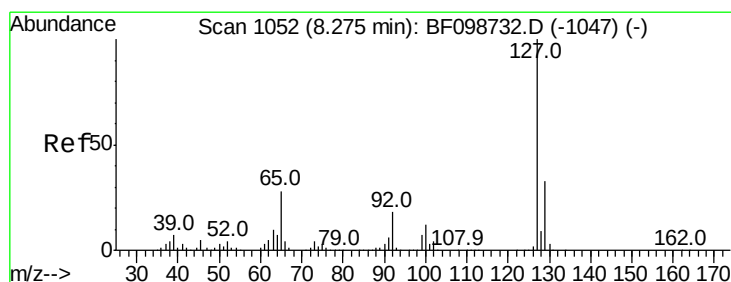
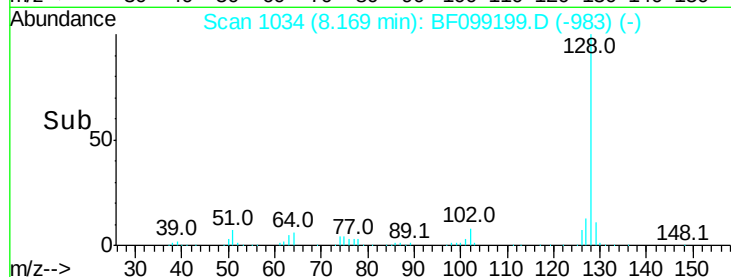
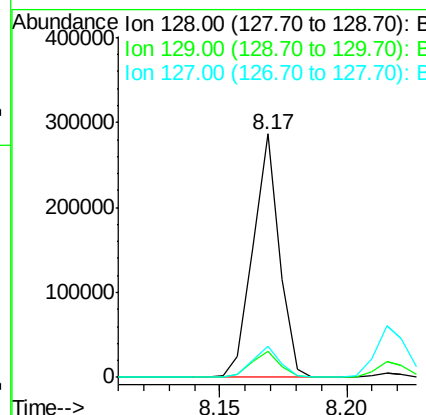
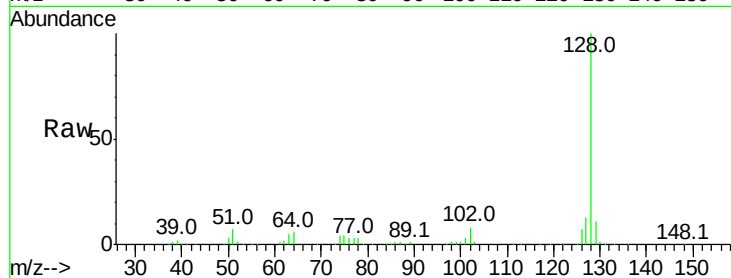
ClientSampleId :

OR-03-100417MS

Tot Ion:128	Resp:	208662
Ion Ratio	Lower	Upper
128 100		
129 10.8	8.8	13.2
127 12.9	10.9	16.3

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#33

4-Chloroaniline

Concen: 6.280 ng

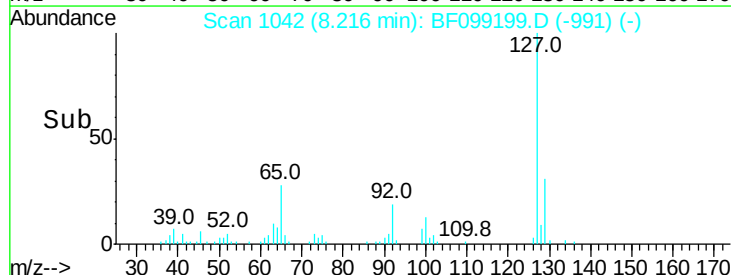
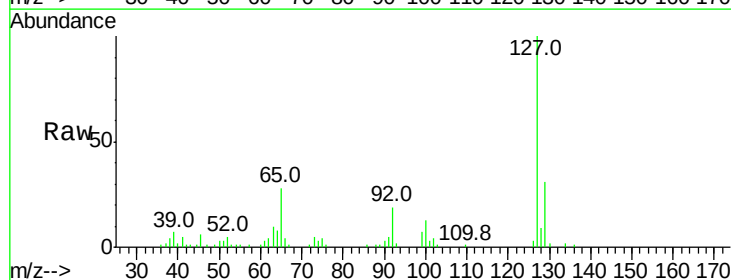
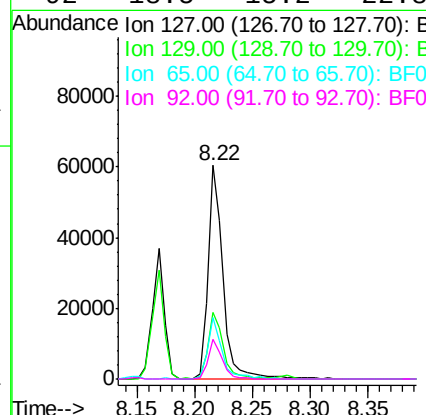
RT: 8.22 min Scan# 1042

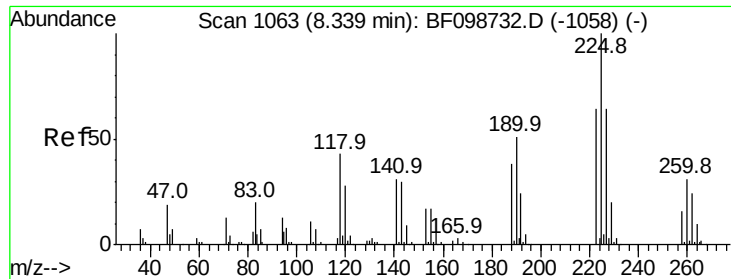
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:127	Resp:	55504
Ion Ratio	Lower	Upper
127 100		
129 31.2	25.9	38.9
65 28.5	25.0	37.4
92 18.5	15.2	22.8





#34

Hexachlorobutadiene

Concen: 8.462 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

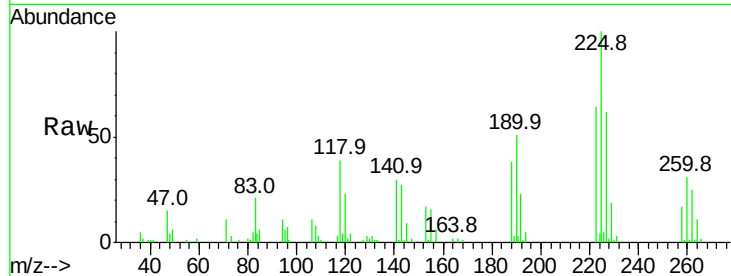
ClientSampleId :

OR-03-100417MS

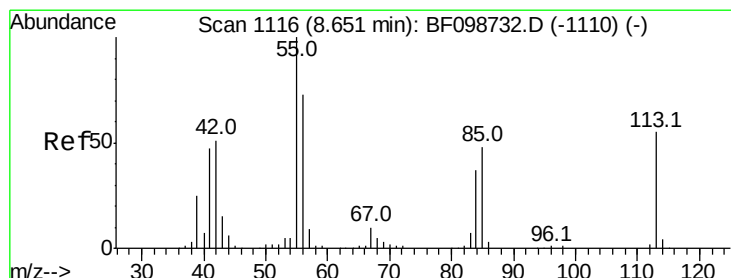
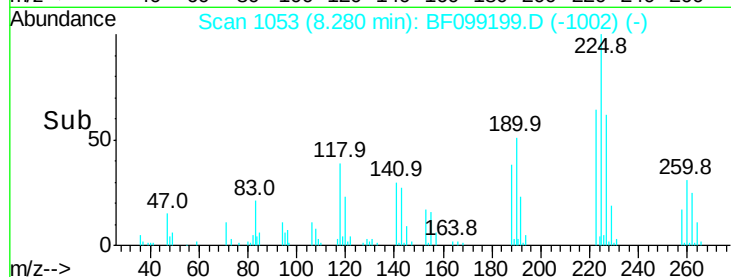
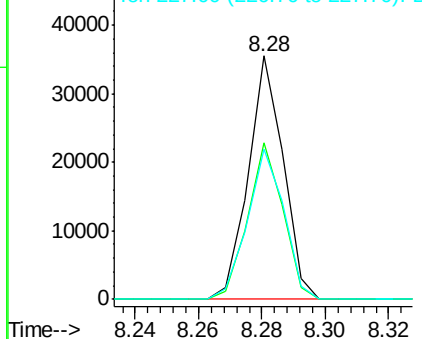
Tot Ion:	225	Resp:	27092
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.6	76.0
227	61.6	51.9	77.9

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



#35

Caprolactam

Concen: 7.253 ng

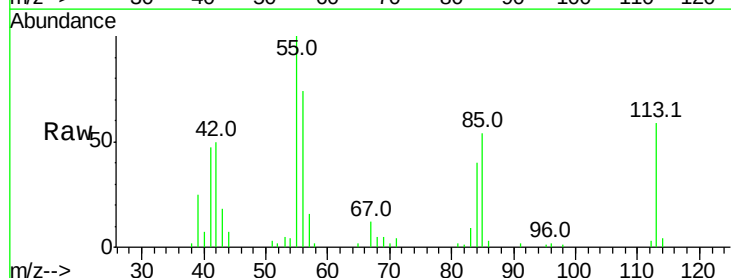
RT: 8.55 min Scan# 1099

Delta R.T. -0.05 min

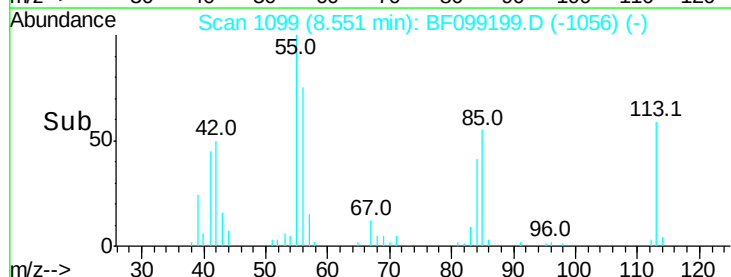
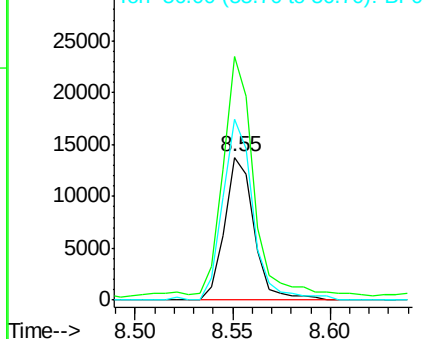
Lab File: BF099199.D

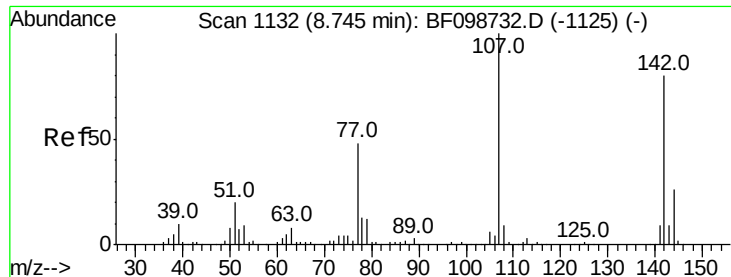
Acq: 7 Oct 2017 17:31

Tgt Ion:	113	Resp:	14460
Ion Ratio	Lower	Upper	
113	100		
55	170.8	163.3	203.3
56	126.8	115.7	155.7



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





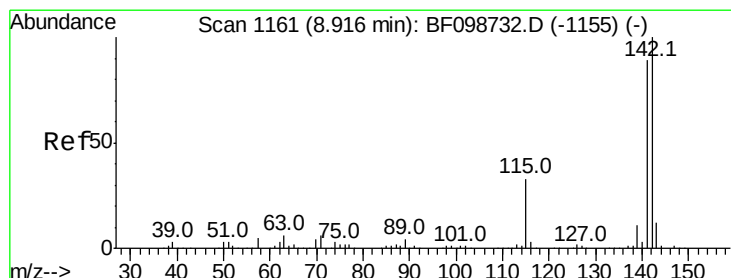
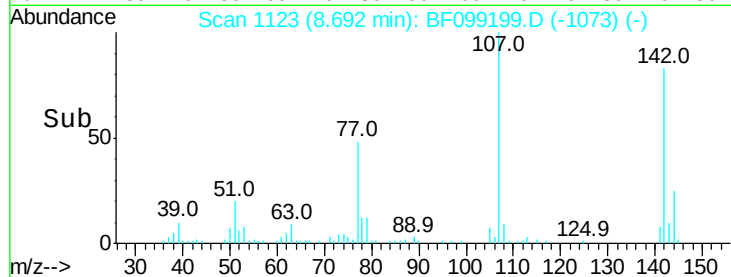
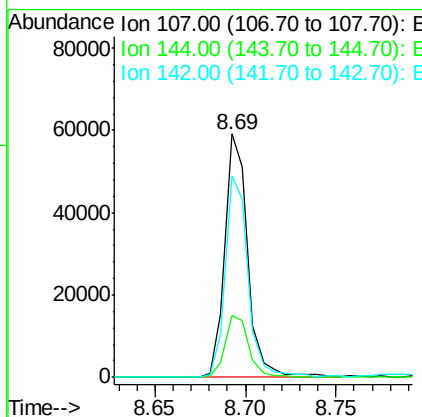
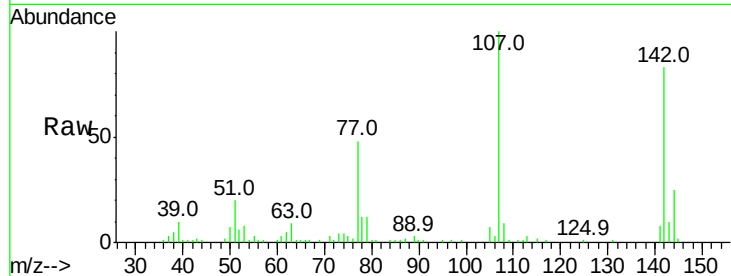
#36
 4-Chloro-3-methylphenol
 Concen: 7.453 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	82.6	62.0	93.0

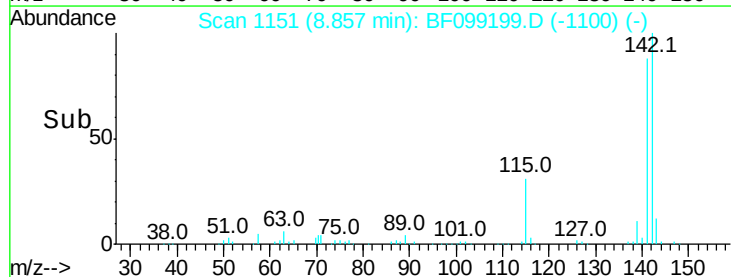
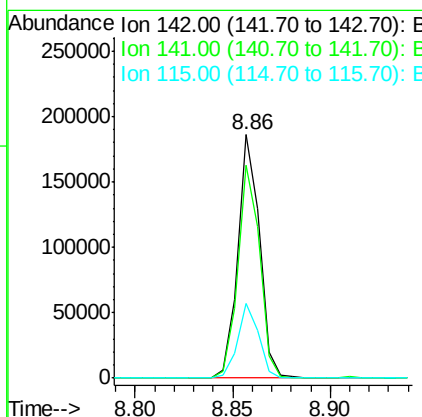
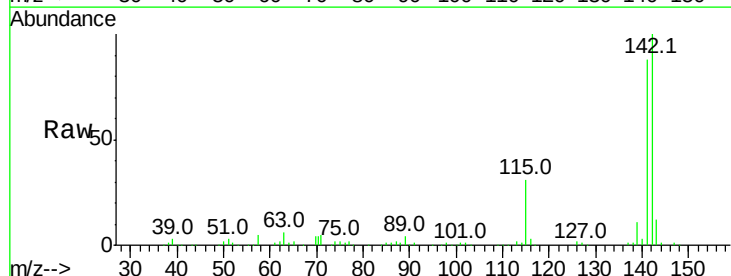
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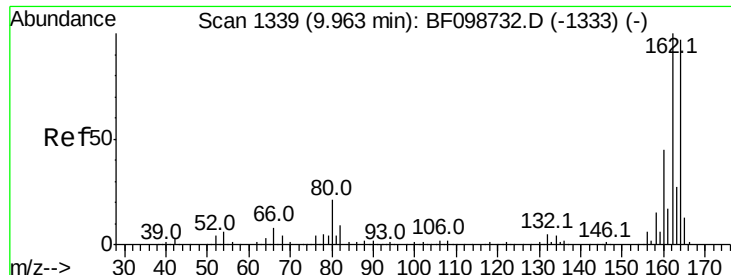
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#37
 2-Methylnaphthalene
 Concen: 10.407 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	30.8	26.1	39.1





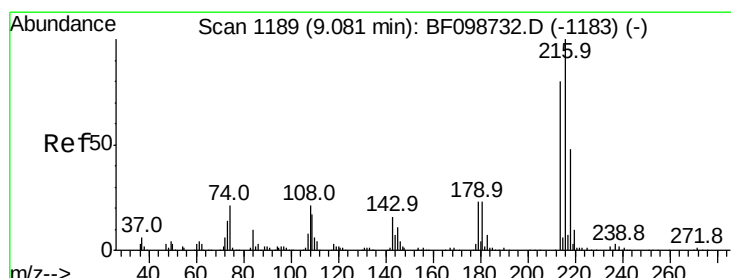
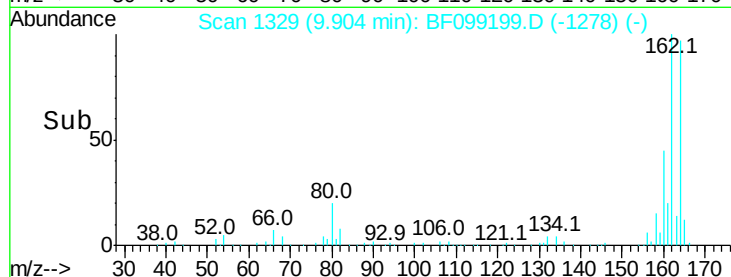
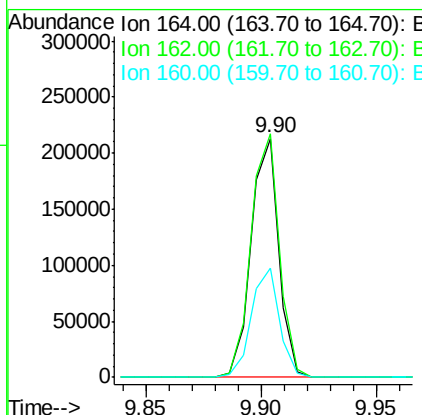
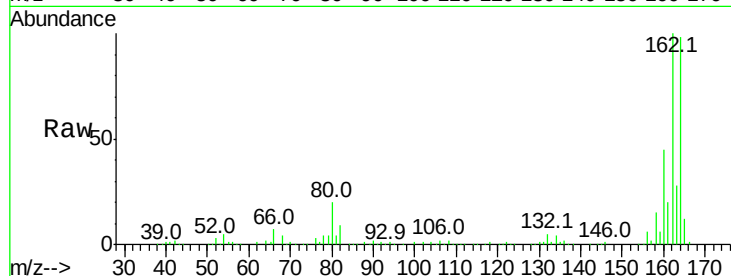
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	179168		
162	101.8	86.1	129.1	
160	45.6	38.3	57.5	

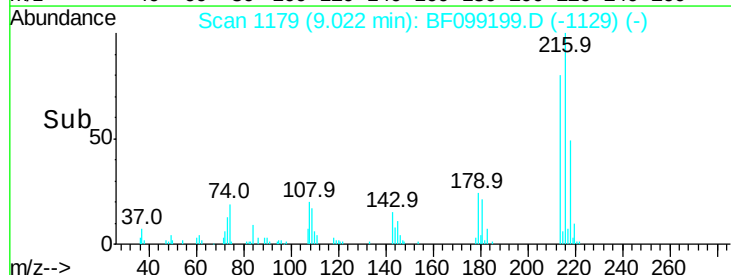
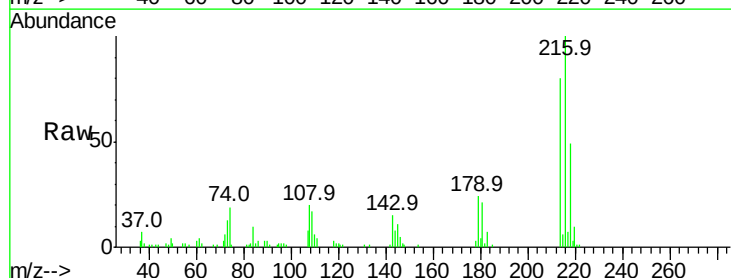
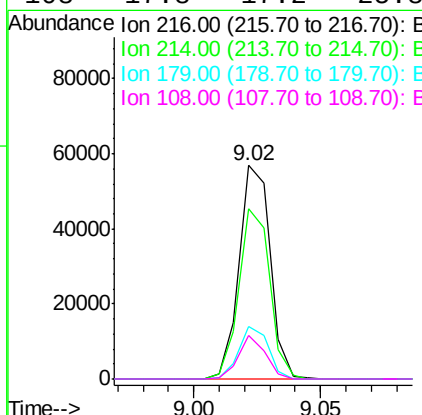
Manual Integrations
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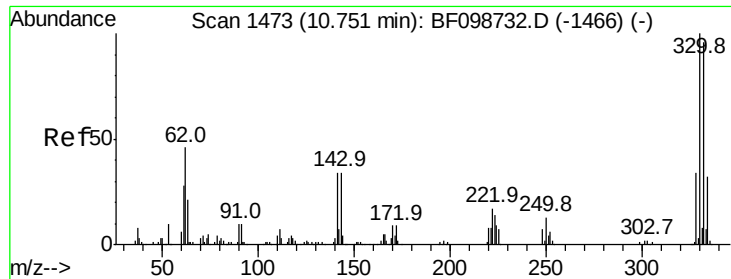
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.063 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	48427		
214	79.3	63.0	94.4	
179	23.0	18.1	27.1	
108	17.8	17.2	25.8	





#41

2,4,6-Tribromophenol

Concen: 22.165 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

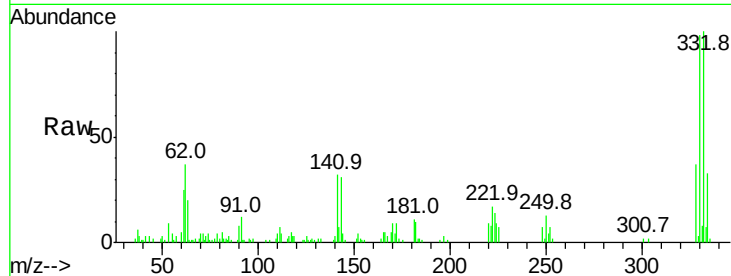
ClientSampleId :

OR-03-100417MS

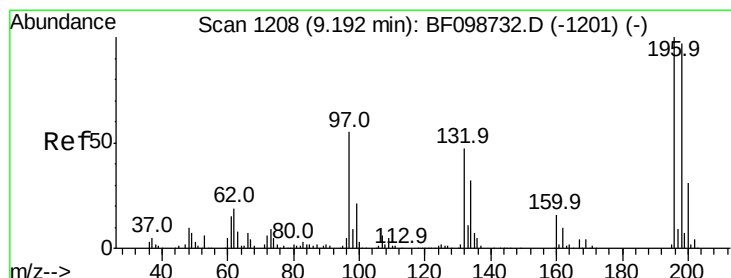
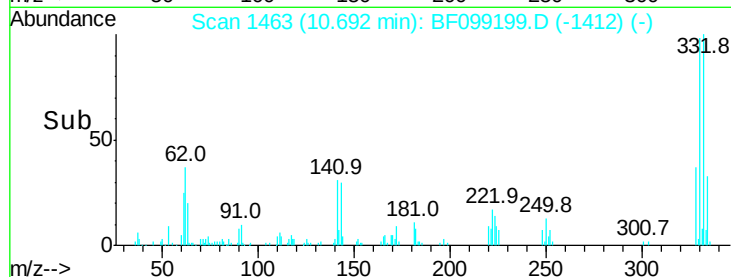
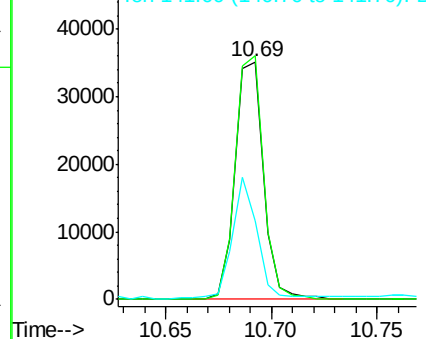
Tot Ion:	330	Resp:	32495
Ion Ratio	Lower	Upper	
330	100		
332	101.1	77.0	115.6
141	47.9	29.9	44.9#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 7.942 ng

RT: 9.14 min Scan# 1199

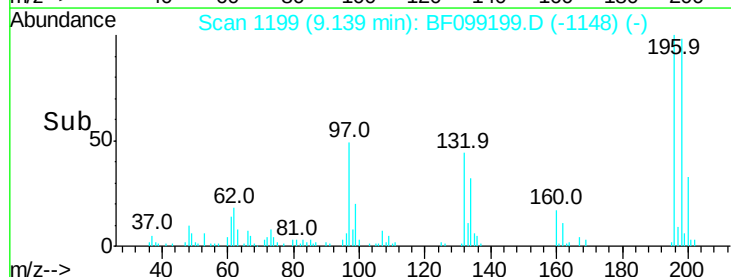
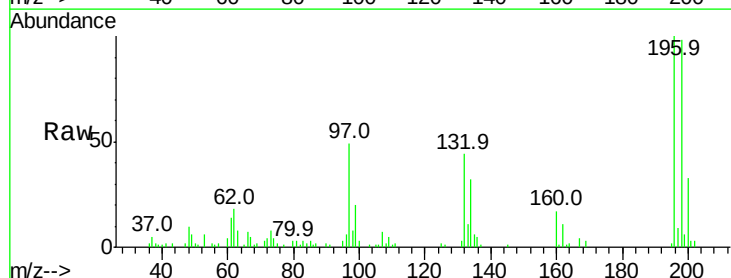
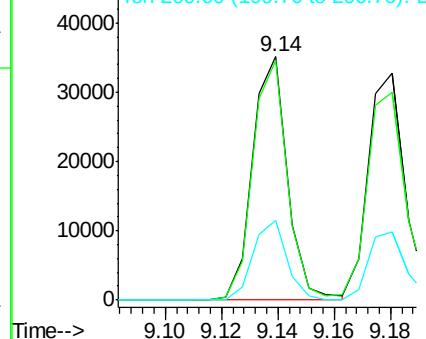
Delta R.T. -0.00 min

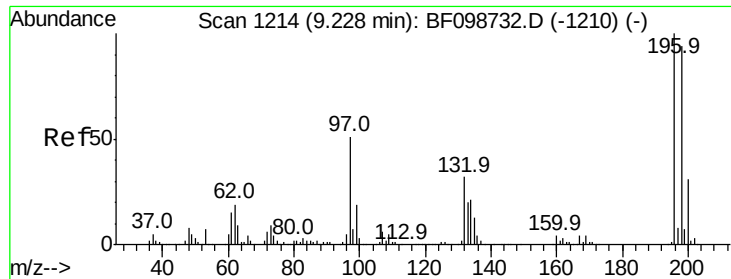
Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	196	Resp:	30063
Ion Ratio	Lower	Upper	
196	100		
198	98.4	75.7	113.5
200	32.5	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





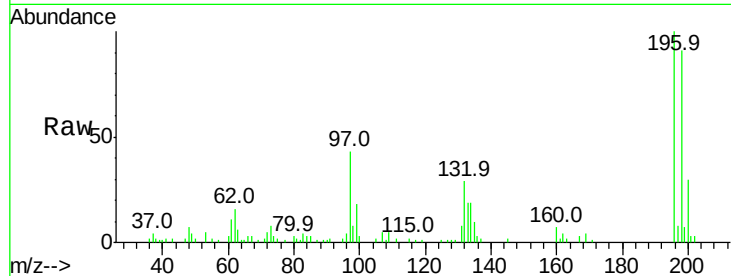
#43
 2,4,5-Trichlorophenol
 Concen: 8.213 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	196	Resp	31035
Ion	Ratio	Lower	Upper
196	100		
198	91.4	74.6	112.0
97	43.3	42.9	64.3
132	29.2	26.3	39.5

Manual Integrations
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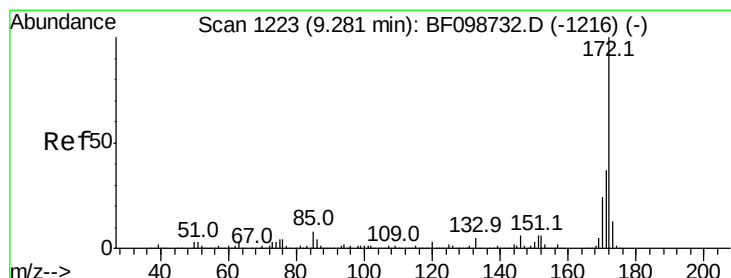
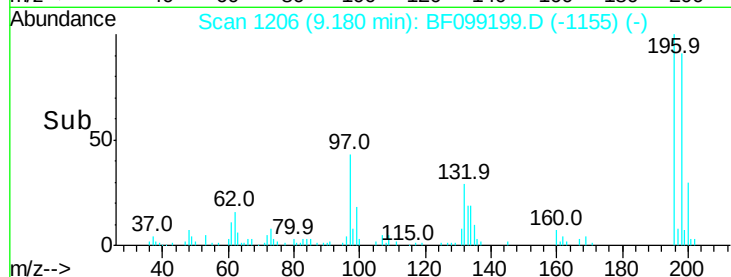
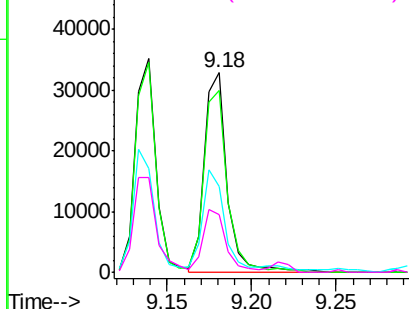
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 23.354 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

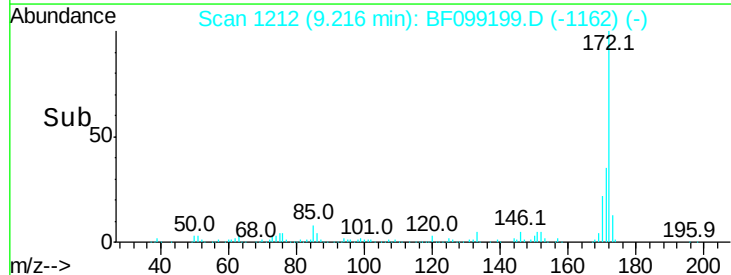
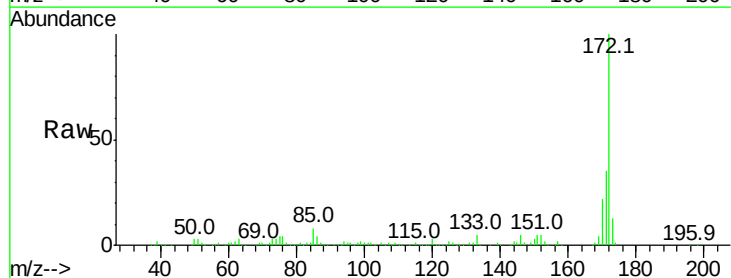
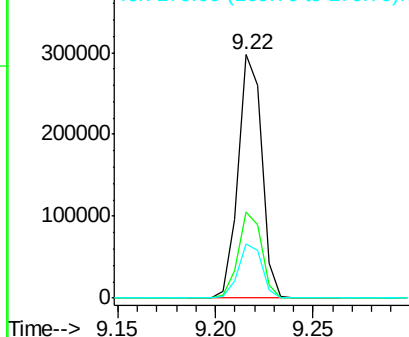
Tgt Ion	172	Resp	250641
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	22.4	19.6	29.4

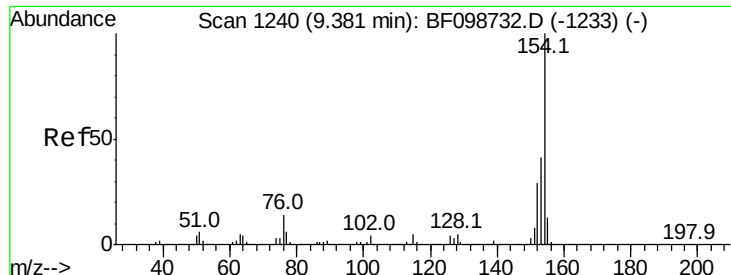
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





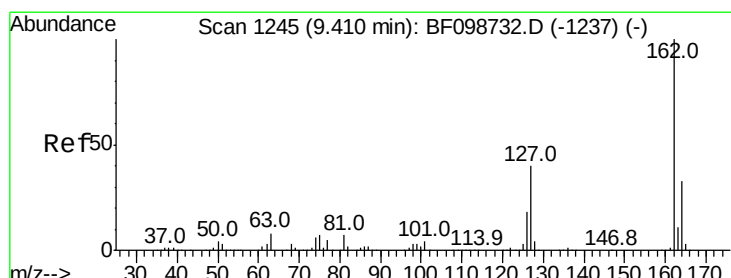
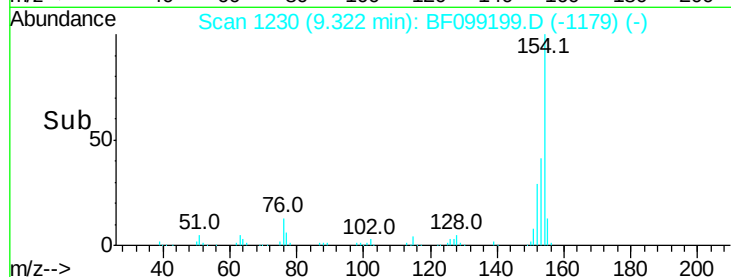
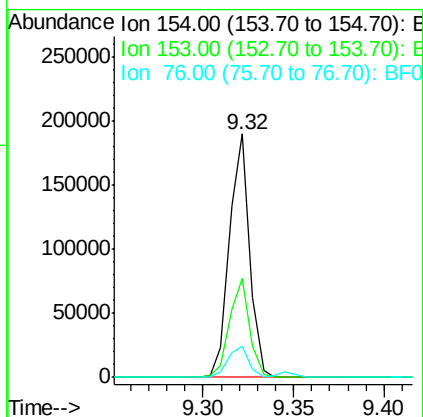
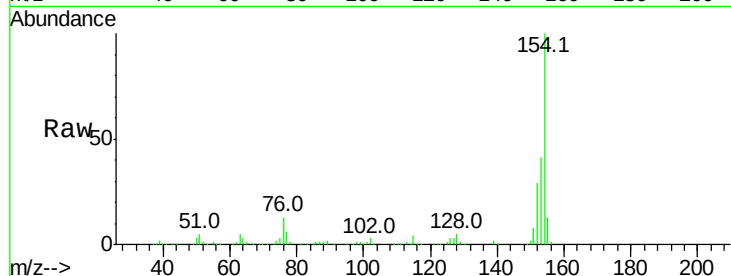
#45
1,1'-Biphenyl
Concen: 9.572 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.5	0.0	34.0

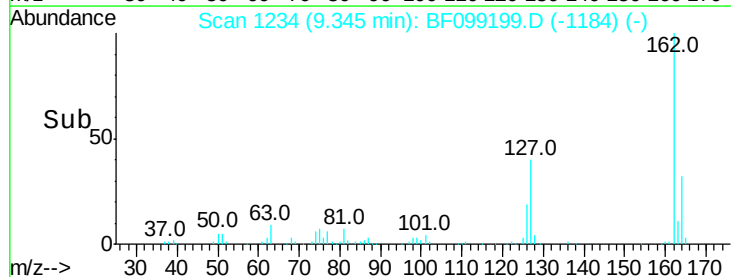
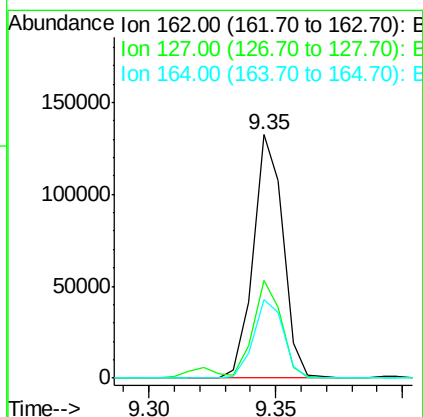
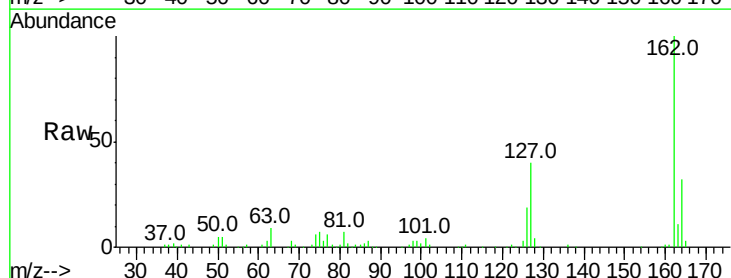
Manual Integrations
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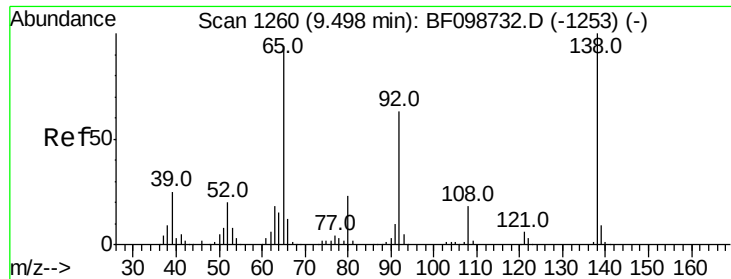
Sohil
10/9/2017 6:34:15 PM



#46
2-Chloronaphthalene
Concen: 9.367 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.2	26.5	39.7





#47

2-Nitroaniline

Concen: 8.827 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

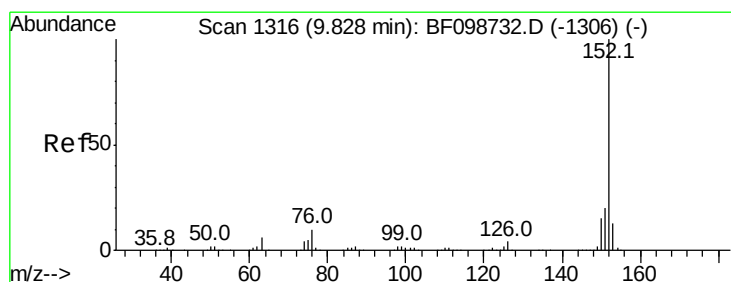
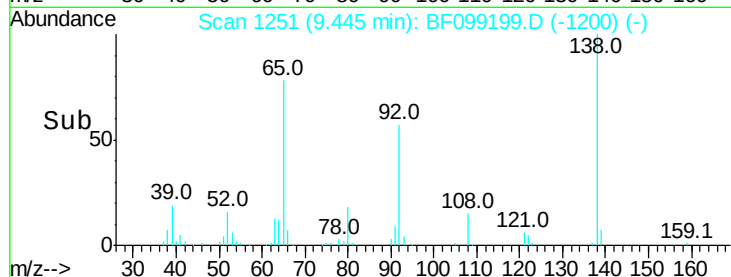
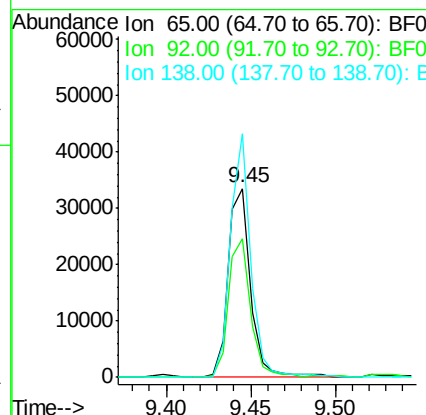
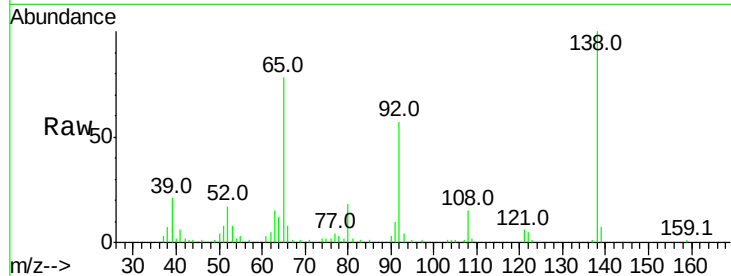
ClientSampleId :

OR-03-100417MS

Tot Ion:	65	Resp:	31247
Ion Ratio	Lower	Upper	
65	100		
92	73.3	55.8	83.6
138	128.8	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 10.146 ng

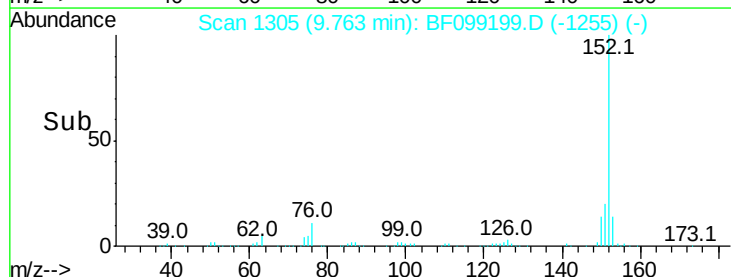
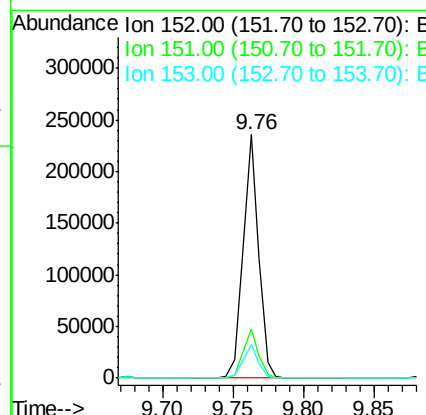
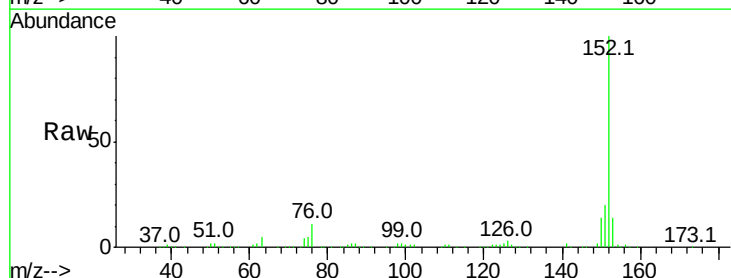
RT: 9.76 min Scan# 1305

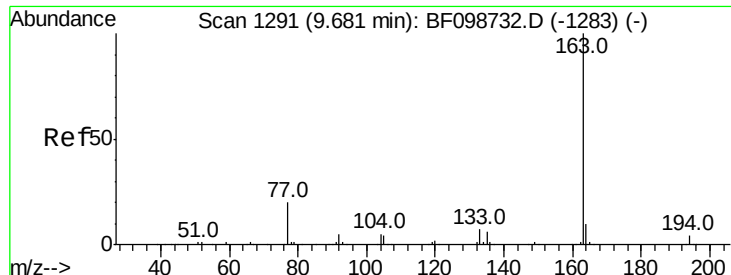
Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	152	Resp:	179575
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.6	10.7	16.1





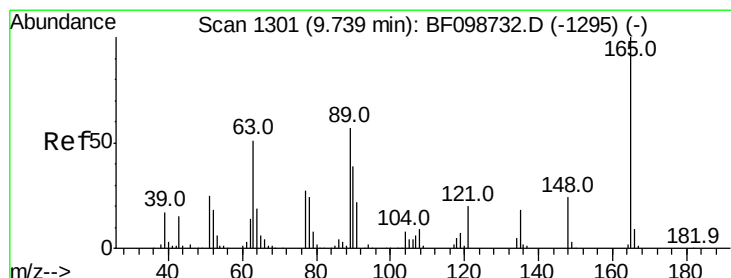
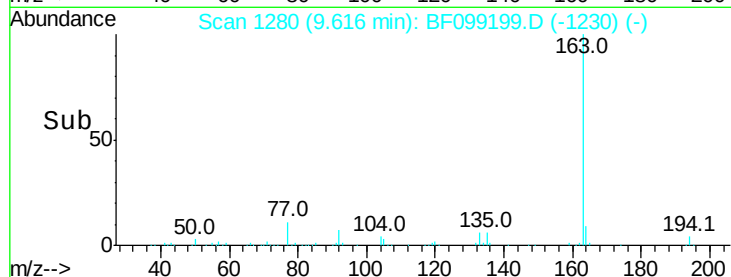
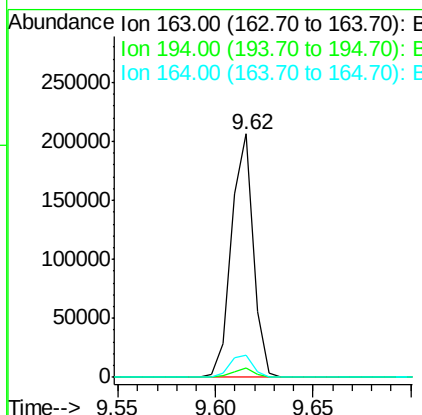
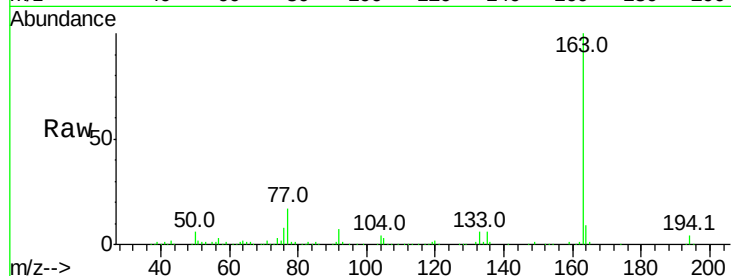
#49
Dimethylphthalate
Concen: 11.876 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	160590		
194	3.9	2.7	4.1	
164	9.2	8.2	12.2	

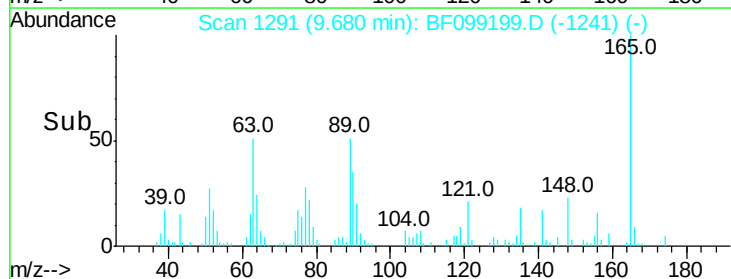
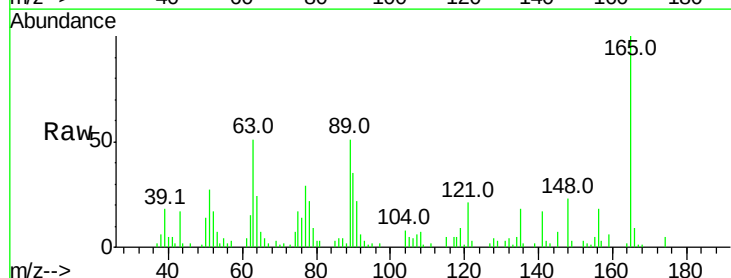
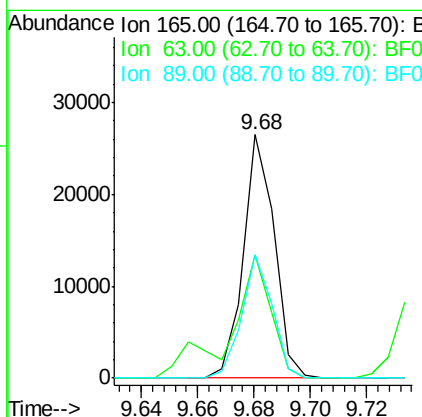
Manual Integrations
APPROVED

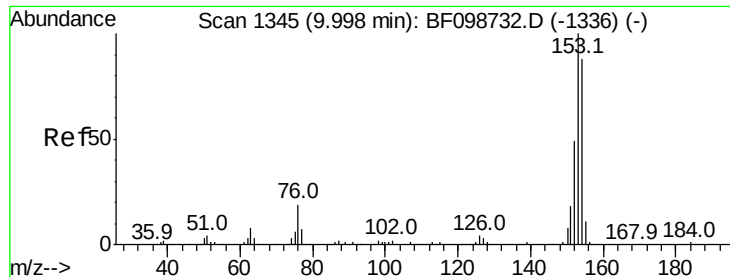
Sohil
10/9/2017 6:34:15 PM



#50
2,6-Dinitrotoluene
Concen: 6.825 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	20093		
63	50.7	44.7	67.1	
89	50.8	44.0	66.0	





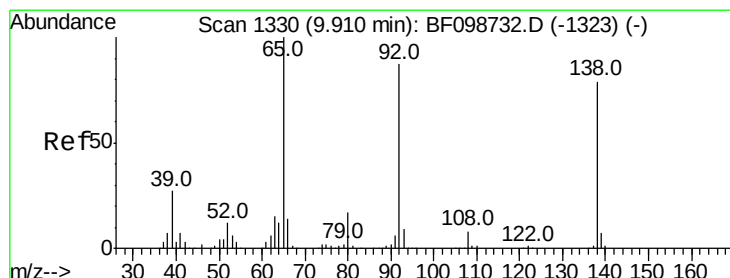
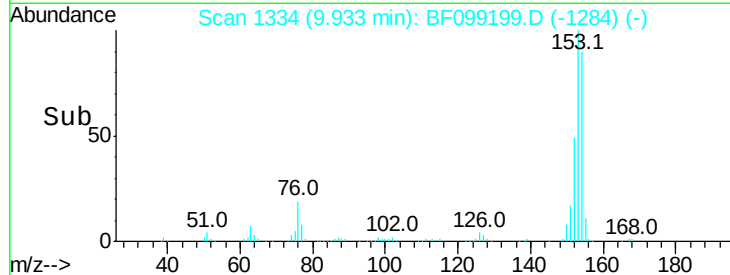
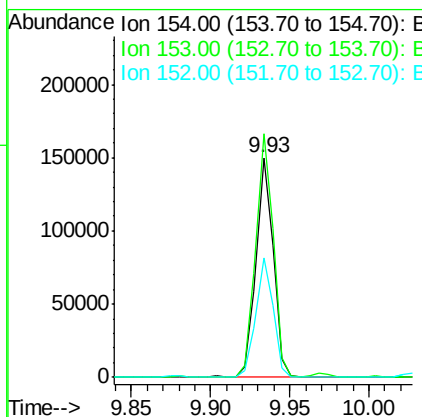
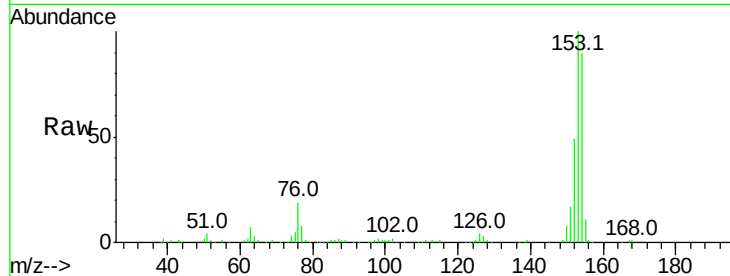
#51
Acenaphthene
Concen: 10.177 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.2	136.8
152	54.5	43.8	65.8

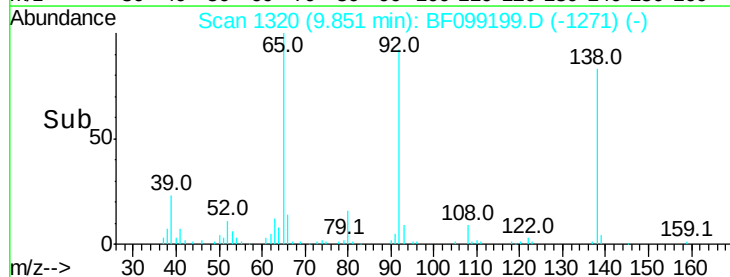
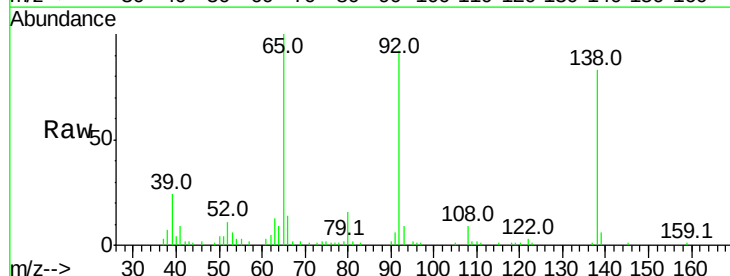
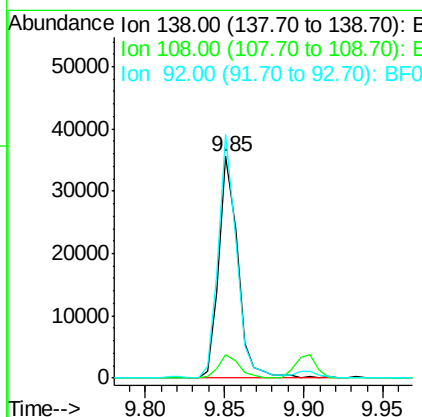
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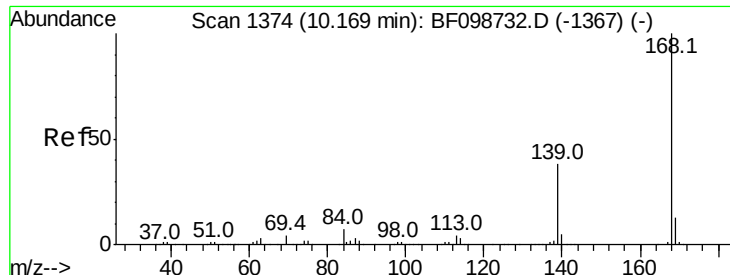
Sohil
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#52
3-Nitroaniline
Concen: 8.715 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	110.0	89.4	134.2





#54

Dibenzofuran

Concen: 10.686 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

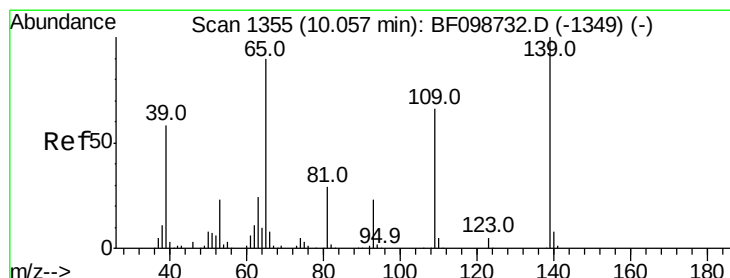
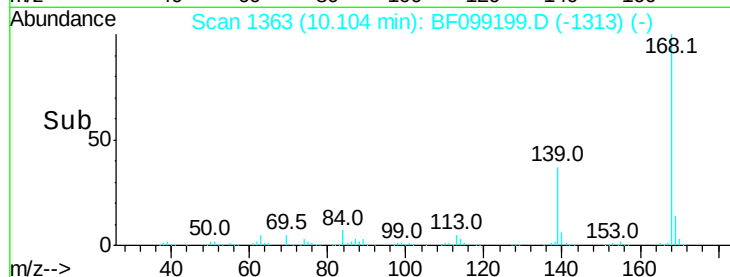
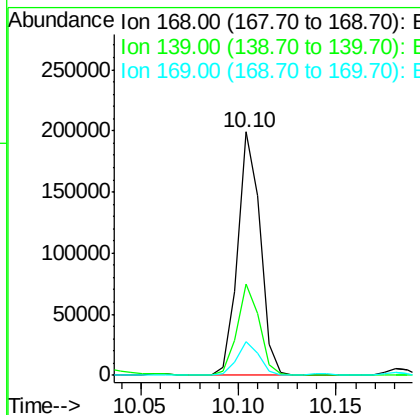
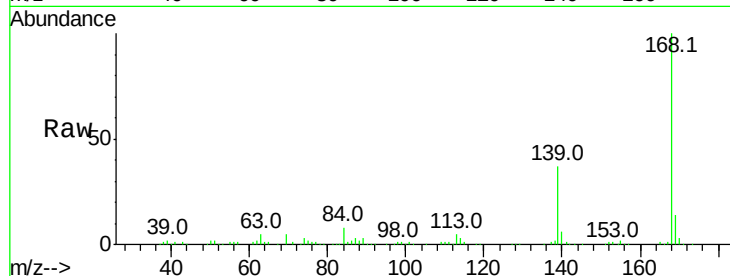
ClientSampleId :

OR-03-100417MS

Tot Ion:	168	Resp:	159515
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.1	45.1
169	13.8	10.9	16.3

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#55

4-Nitrophenol

Concen: 10.554 ng

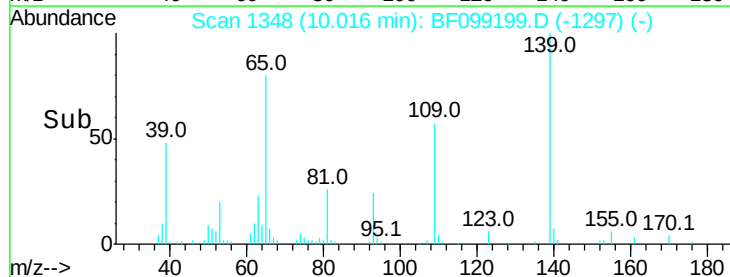
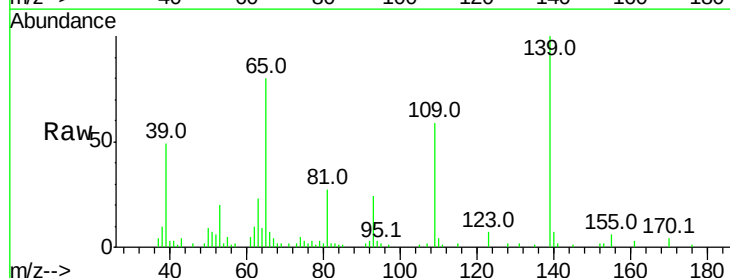
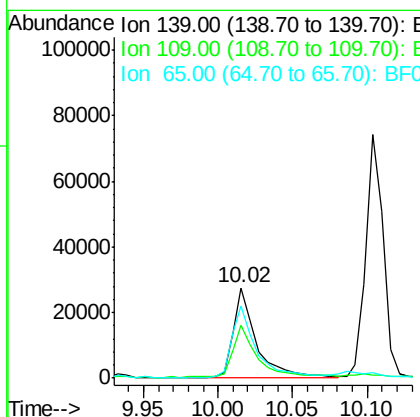
RT: 10.02 min Scan# 1348

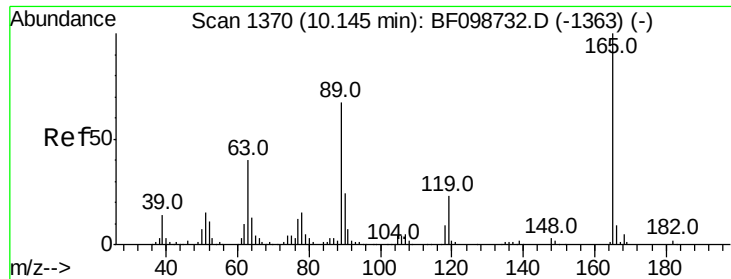
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	139	Resp:	30635
Ion Ratio	Lower	Upper	
139	100		
109	58.6	48.4	88.4
65	79.7	72.6	112.6





#56

2,4-Dinitrotoluene

Concen: 5.971 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

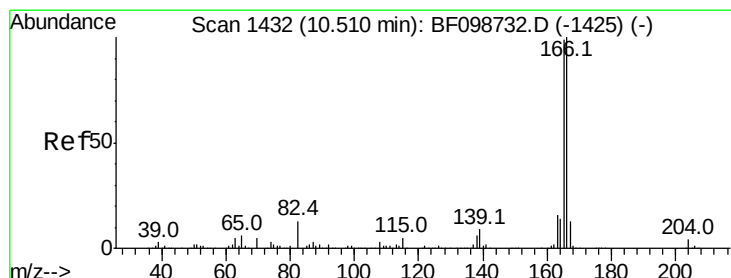
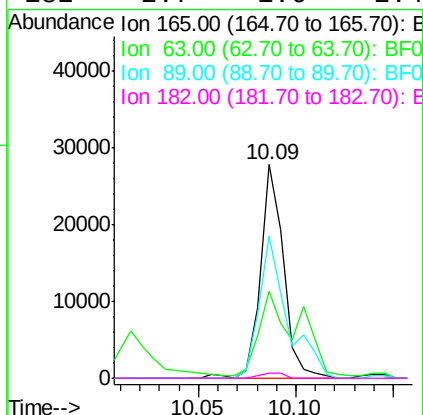
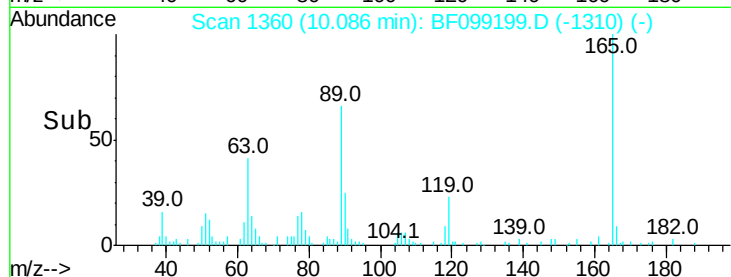
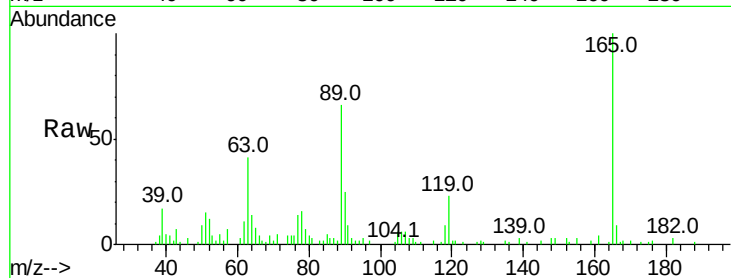
ClientSampleId :

OR-03-100417MS

Tot Ion:	165	Resp:	22814
Ion Ratio	Lower	Upper	
165	100		
63	41.0	36.4	54.6
89	66.3	57.8	86.6
182	2.7	1.6	2.4#

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#57

Fluorene

Concen: 11.644 ng

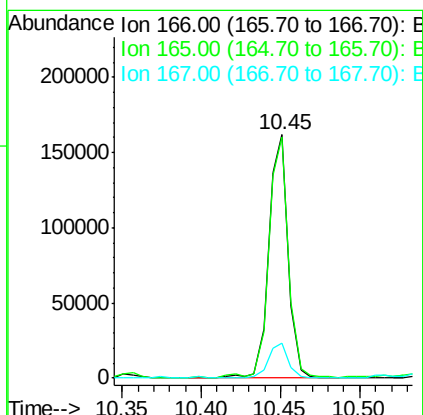
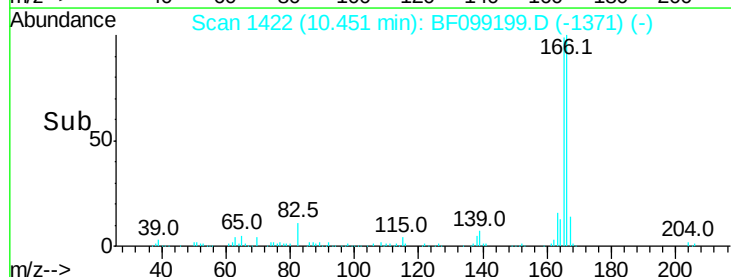
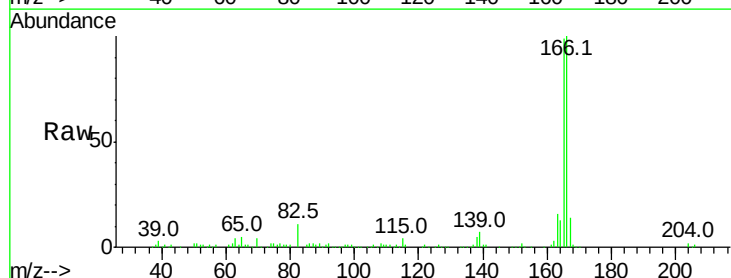
RT: 10.45 min Scan# 1422

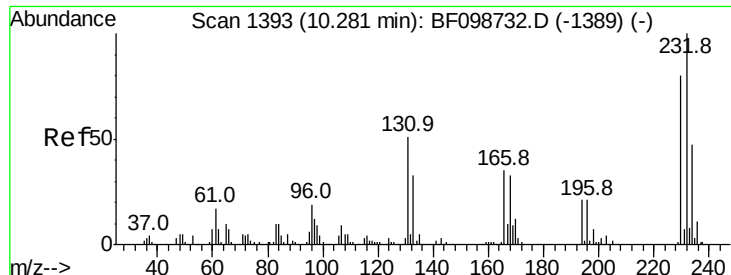
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	166	Resp:	139705
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	14.1	10.6	16.0





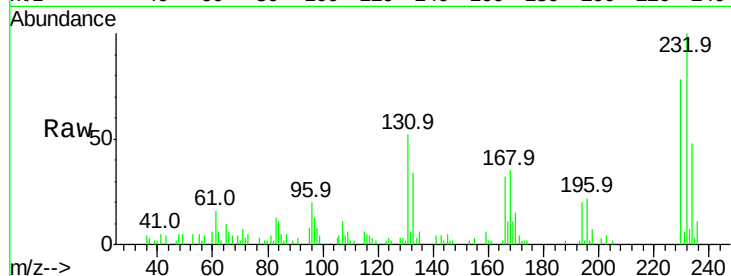
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.566 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.1	43.8	65.8
130	3.1	2.1	3.1
166	35.4	27.8	41.6

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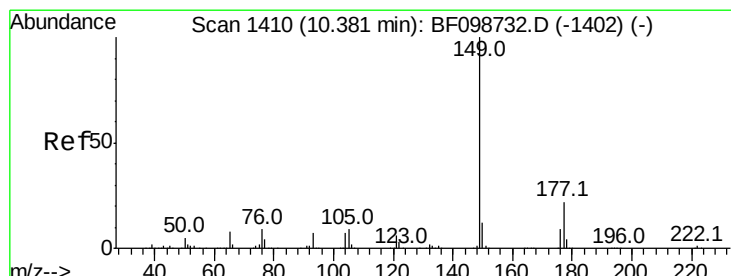
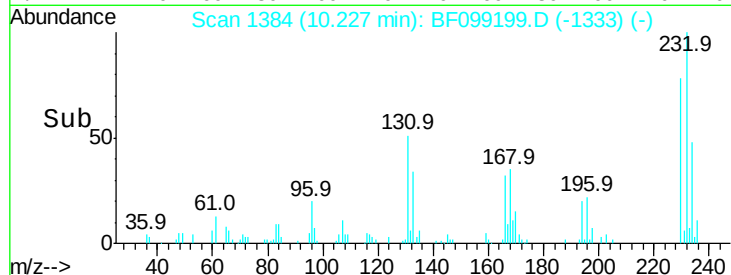
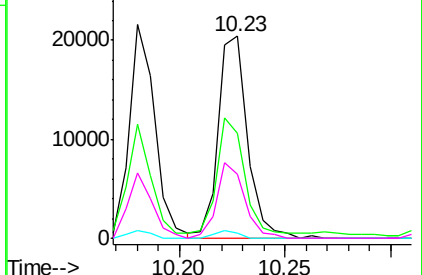
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 8.794 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

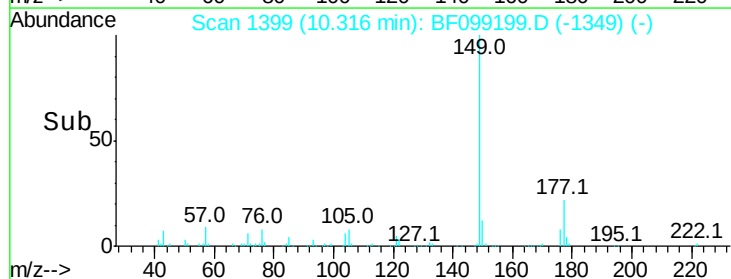
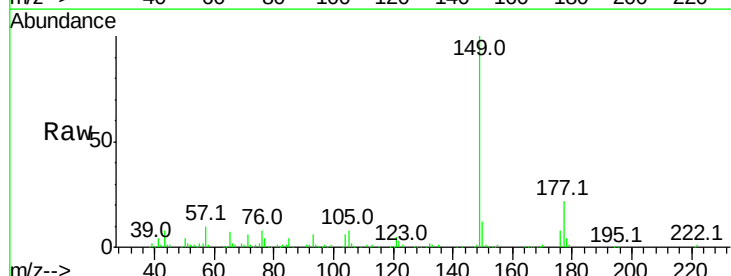
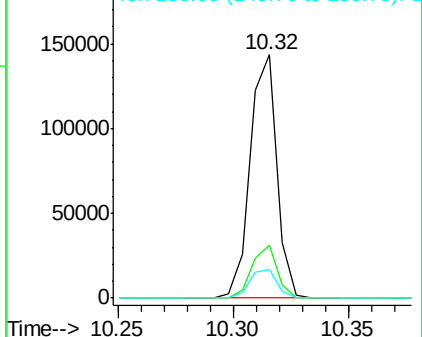
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	11.7	10.1	15.1

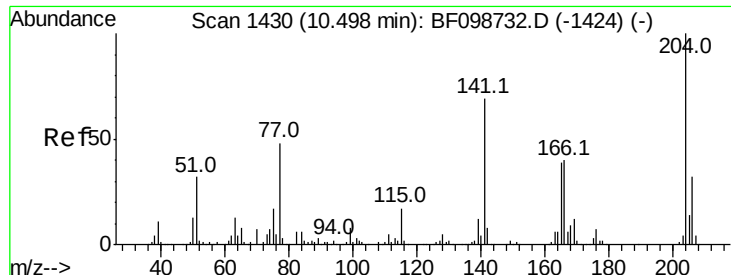
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





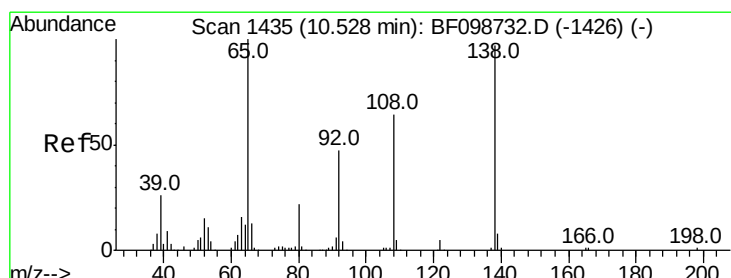
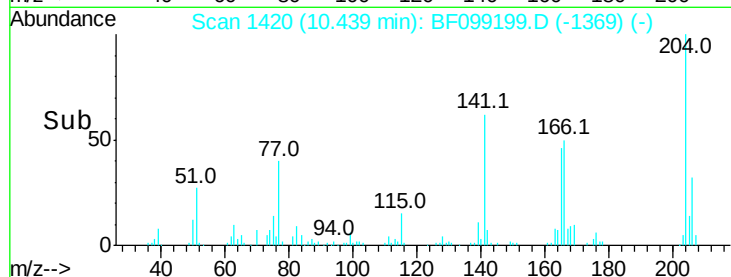
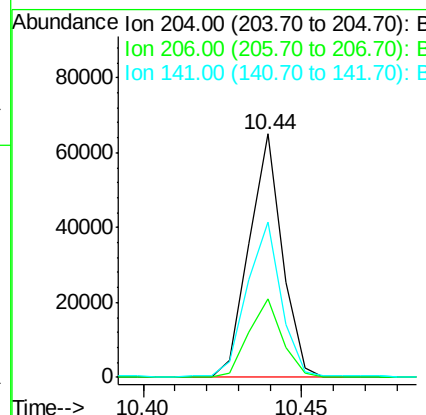
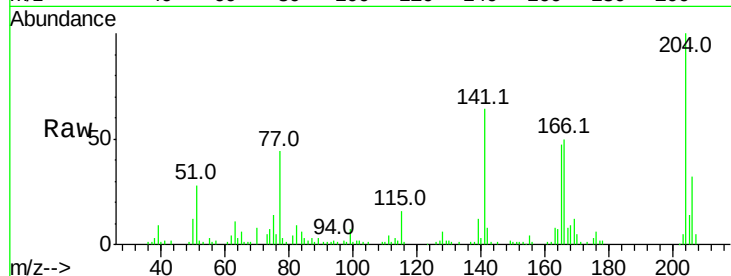
#60
4-Chlorophenyl-phenylether
Concen: 8.719 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	63.7	54.6	81.8

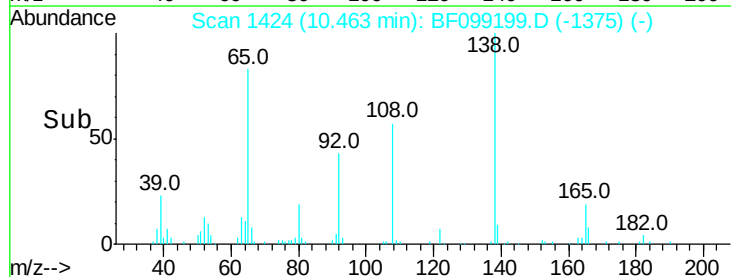
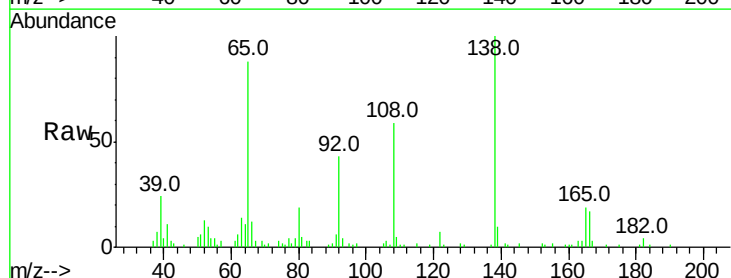
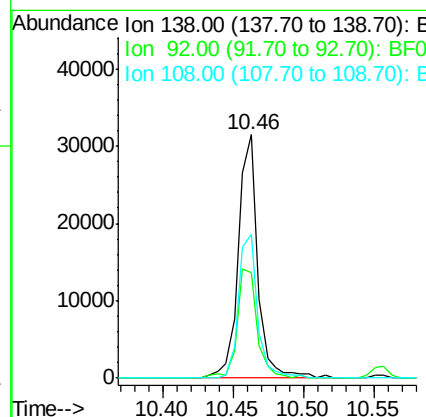
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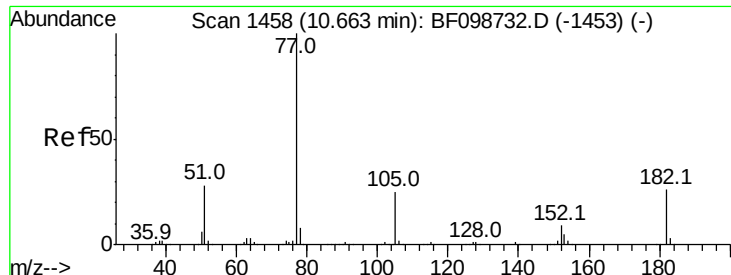
Sohil
10/9/2017 6:34:15 PM



#61
4-Nitroaniline
Concen: 9.141 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.1	30.2	70.2
108	58.9	52.5	92.5





#62

Azobenzene

Concen: 8.080 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

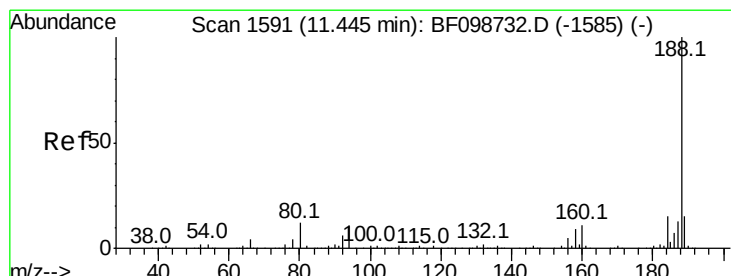
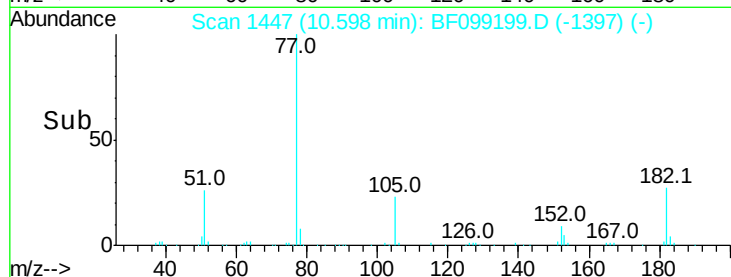
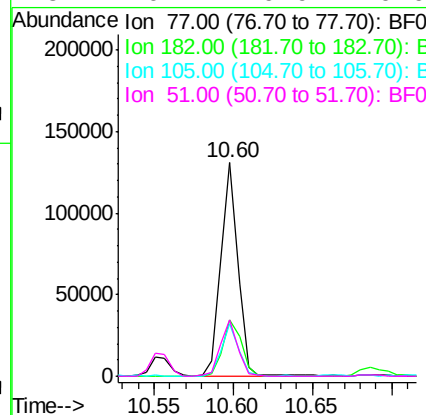
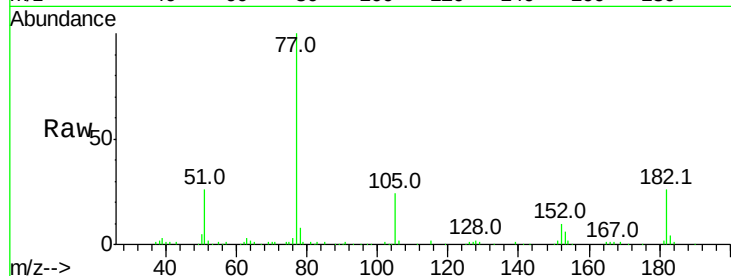
ClientSampleId :

OR-03-100417MS

Tot Ion:	77	Resp:	98162
Ion Ratio	Lower	Upper	
77	100		
182	26.4	1.7	41.7
105	24.4	3.0	43.0
51	26.4	9.9	49.9

Manual Integrations
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Sohil
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#63

Phenanthrene-d10

Concen: 20.000 ng

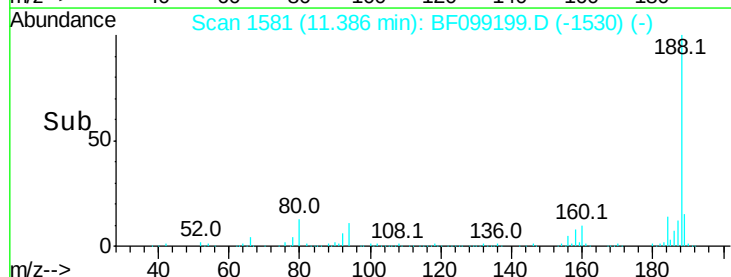
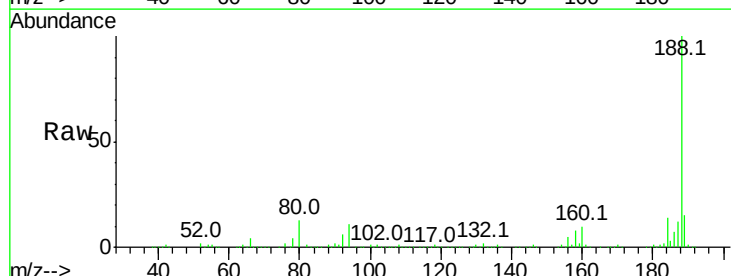
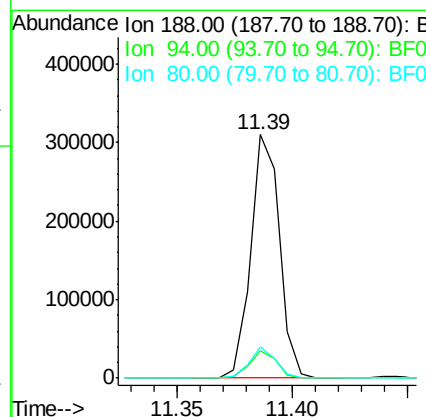
RT: 11.39 min Scan# 1581

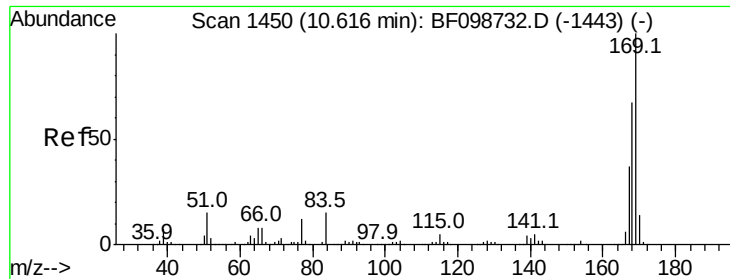
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	188	Resp:	270120
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.5	9.2	13.8





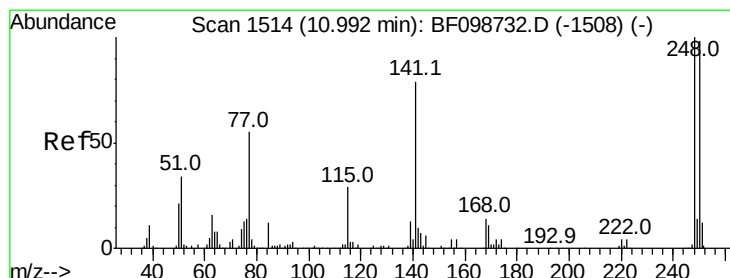
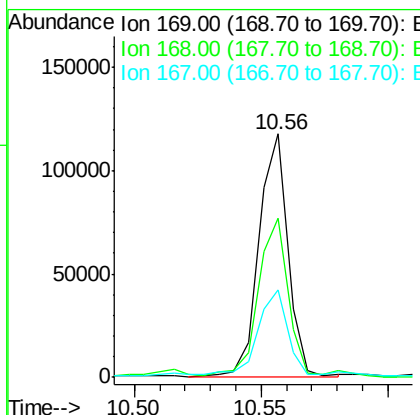
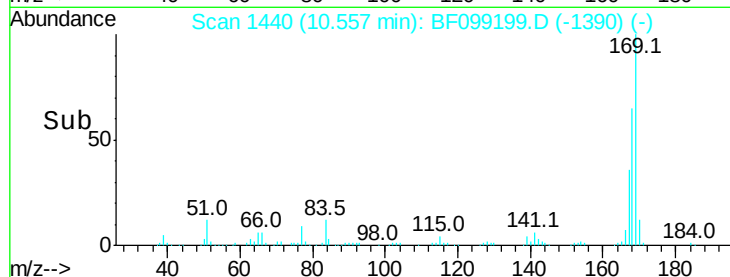
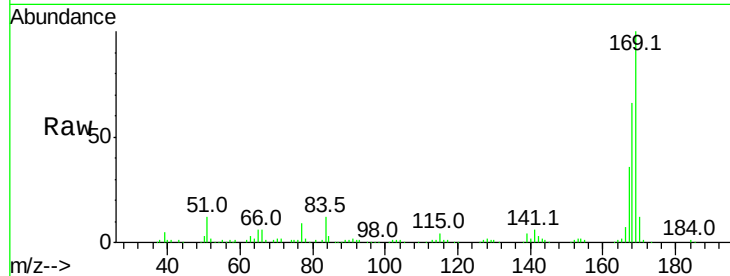
#65
 n-Nitrosodiphenylamine
 Concen: 10.039 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.4	81.6
167	35.9	29.8	44.6

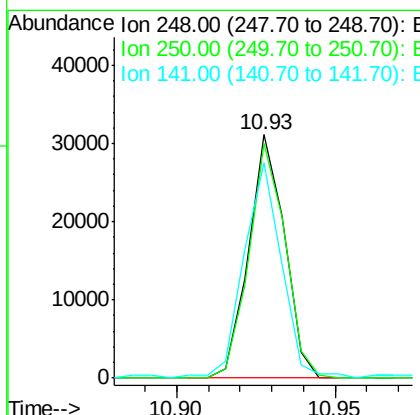
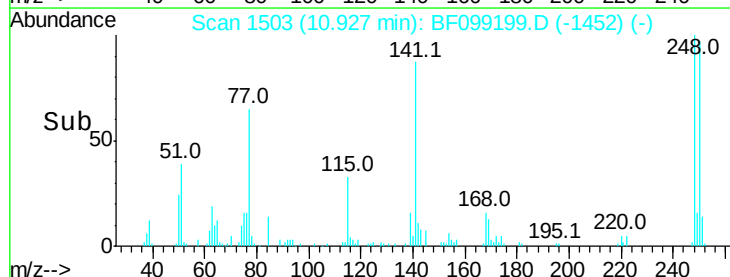
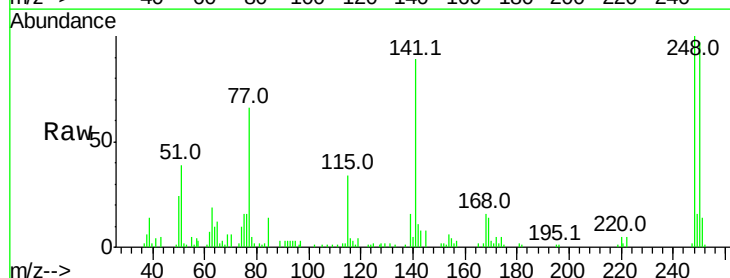
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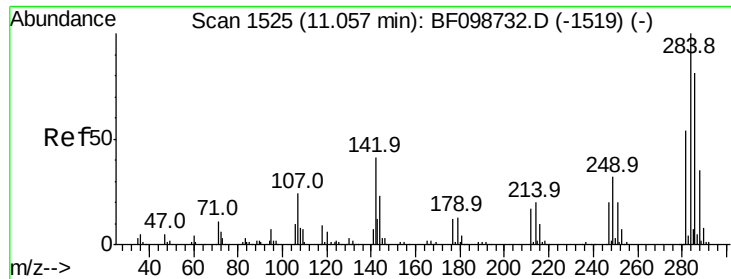
Sohil
 10/9/2017 6:34:15 PM



#66
 4-Bromophenyl-phenylether
 Concen: 9.222 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	88.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 8.714 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

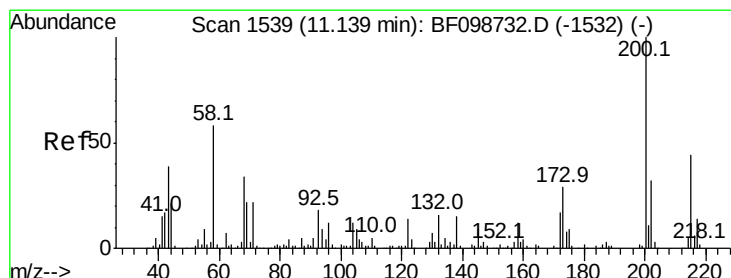
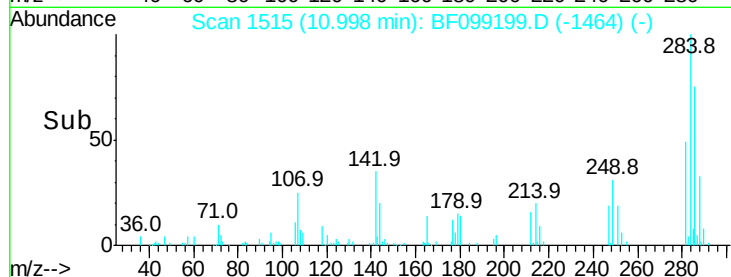
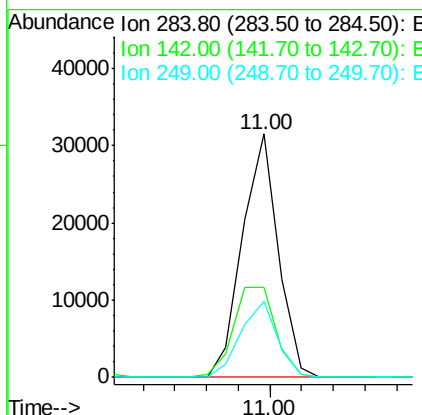
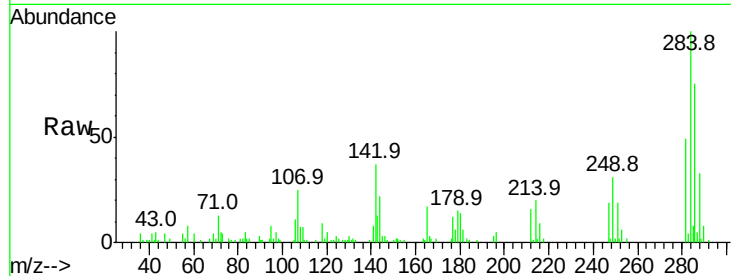
ClientSampleId :

OR-03-100417MS

Tot Ion:	284	Resp:	24608
Ion Ratio	Lower	Upper	
284	100		
142	37.1	34.6	52.0
249	31.0	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 9.501 ng

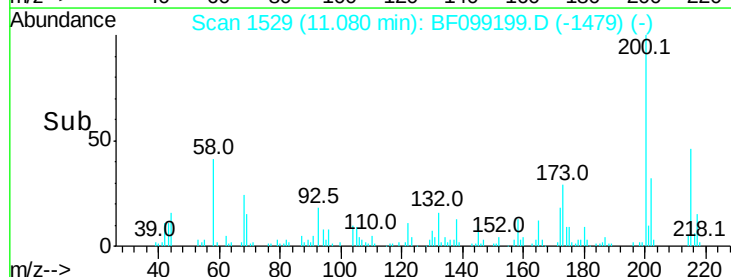
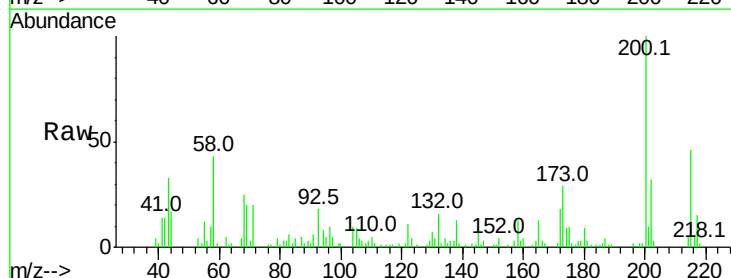
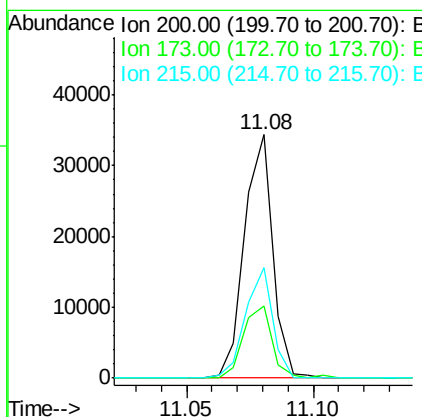
RT: 11.08 min Scan# 1529

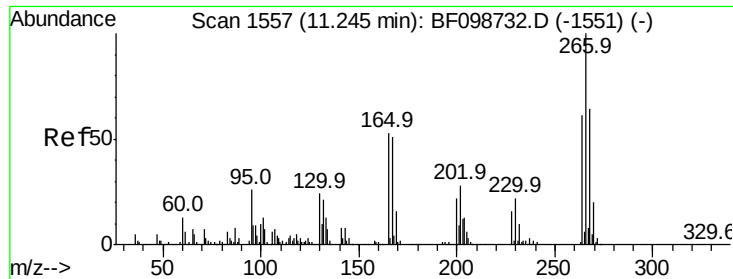
Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	200	Resp:	26751
Ion Ratio	Lower	Upper	
200	100		
173	29.4	8.6	48.6
215	45.6	25.1	65.1





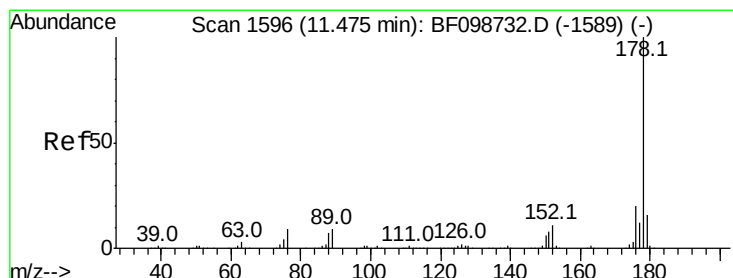
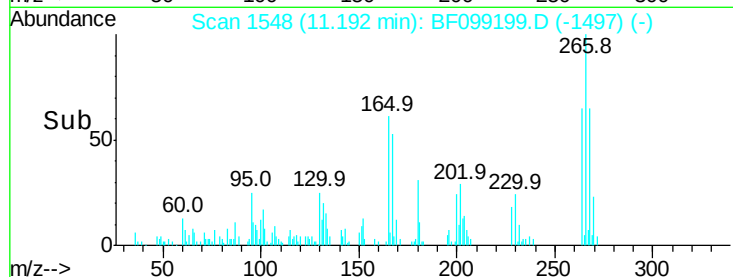
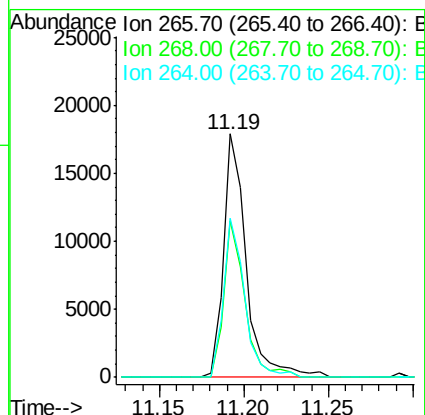
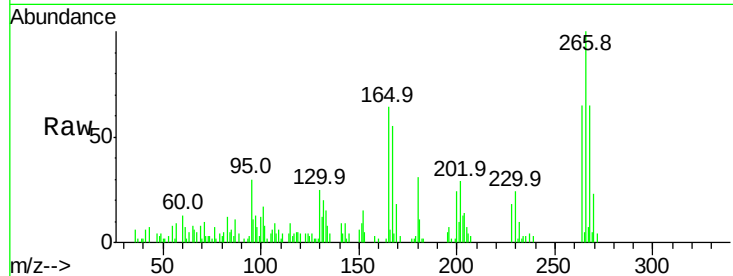
#69
 Pentachlorophenol
 Concen: 9.570 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.4	49.5	74.3

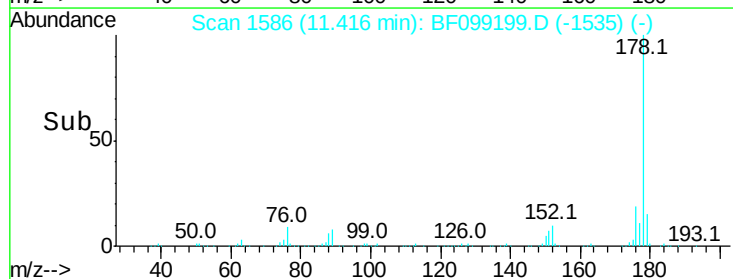
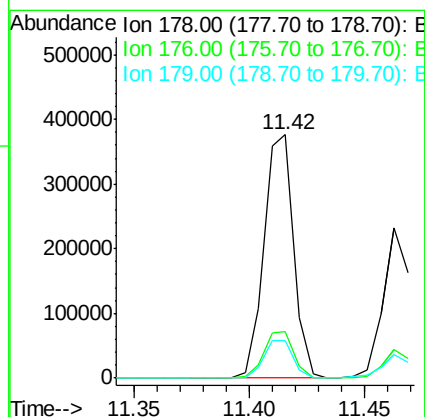
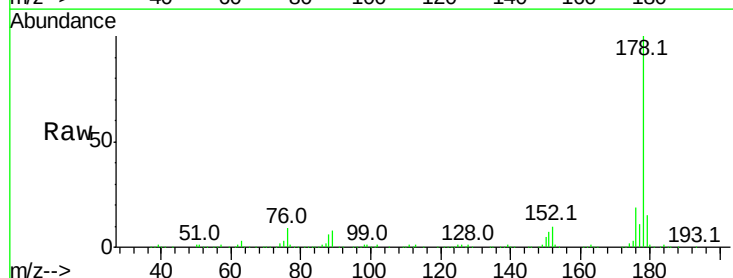
Manual Integrations
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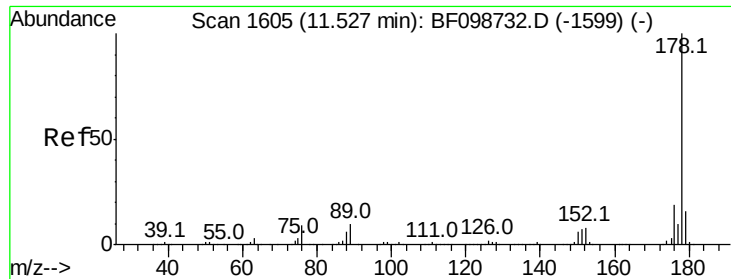
Sohil
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#70
 Phenanthrene
 Concen: 23.361 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6





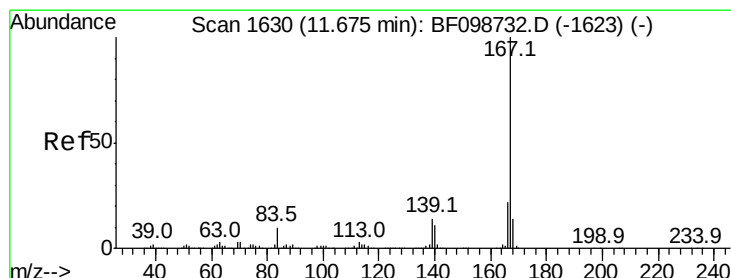
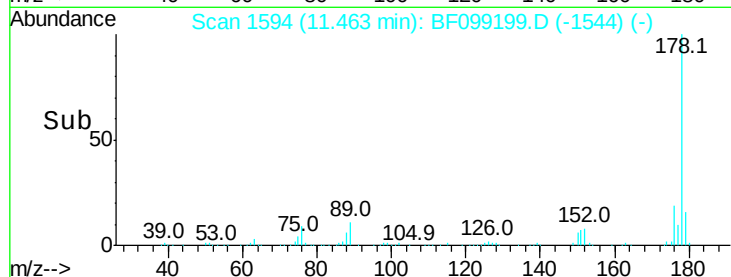
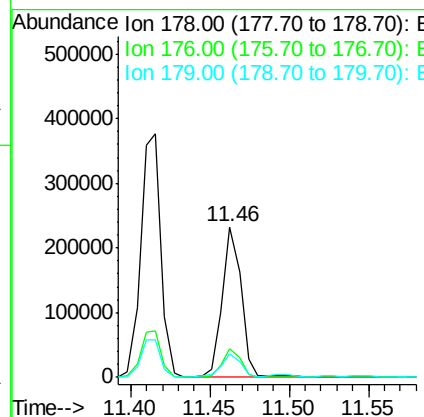
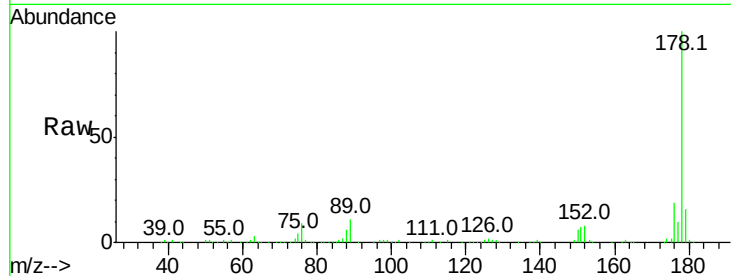
#71
 Anthracene
 Concen: 13.066 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.9	12.6	19.0

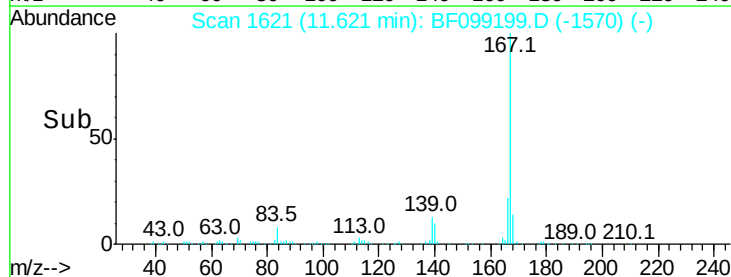
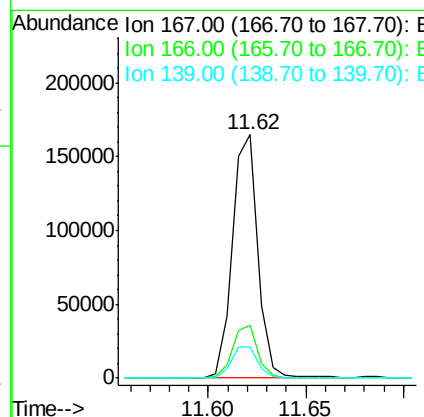
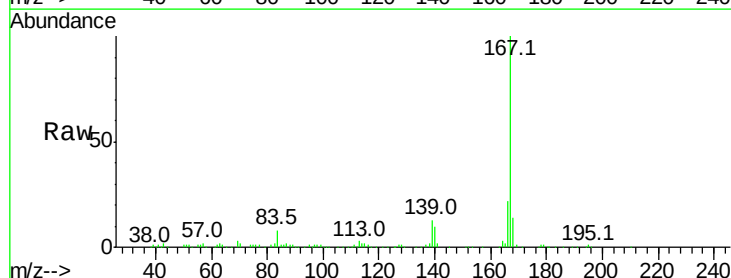
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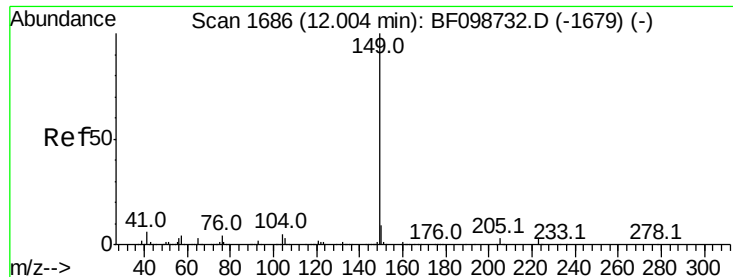
Sohil
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#72
 Carbazole
 Concen: 10.303 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 9.158 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

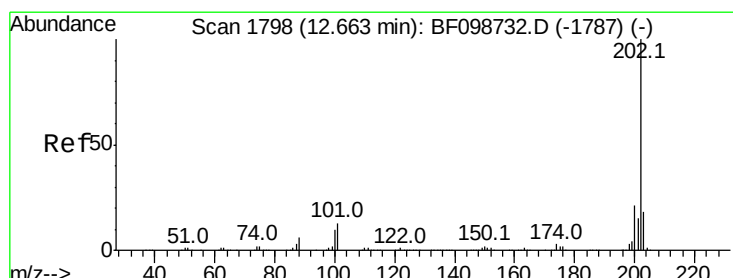
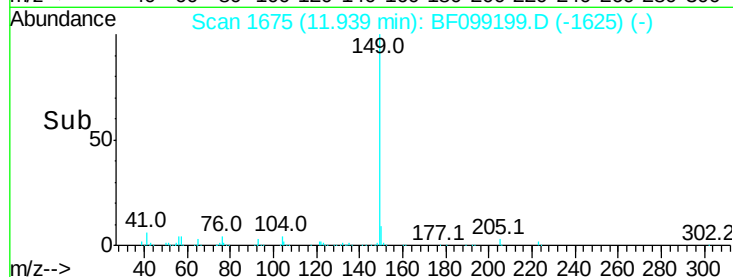
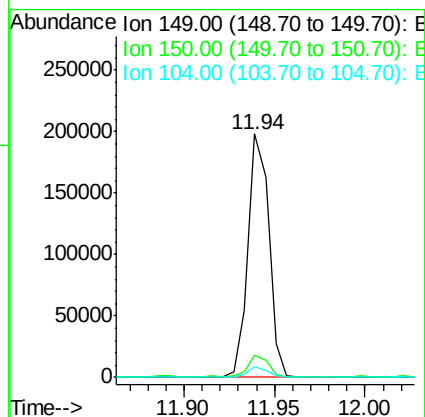
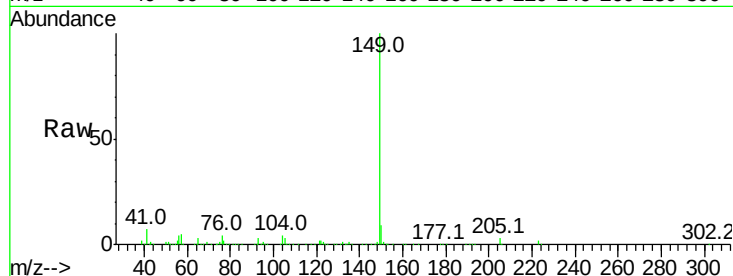
ClientSampleId :

OR-03-100417MS

Tot Ion:	149	Resp:	159700
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.3	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 26.470 ng

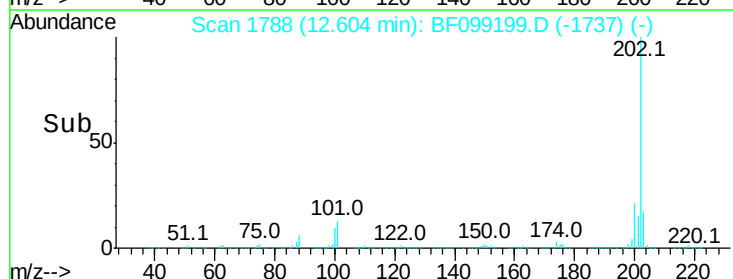
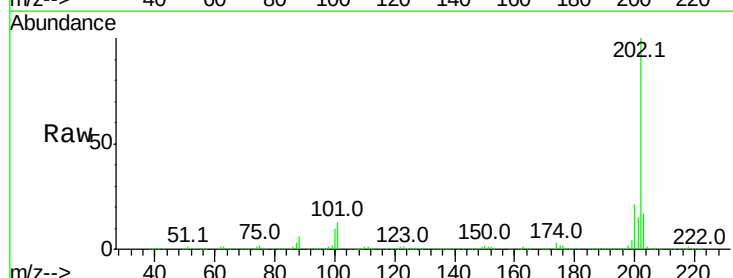
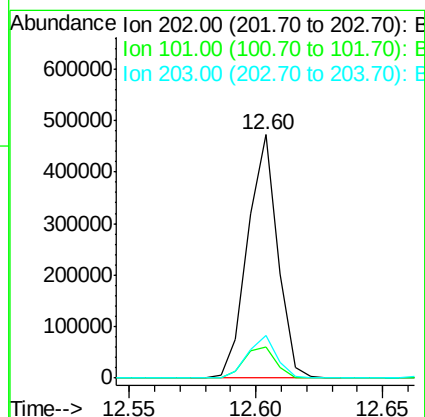
RT: 12.60 min Scan# 1788

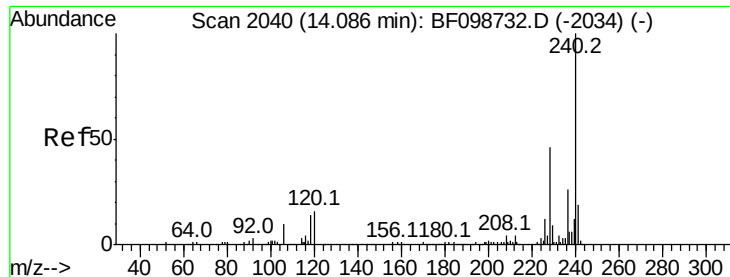
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	202	Resp:	387554
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	17.4	0.0	38.1





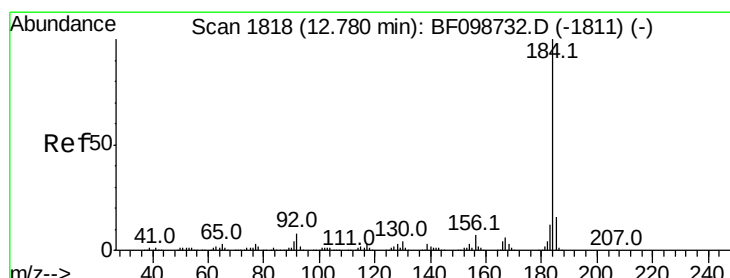
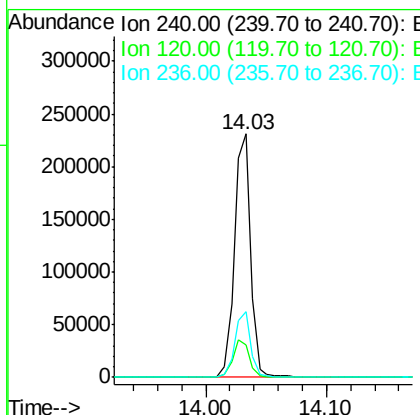
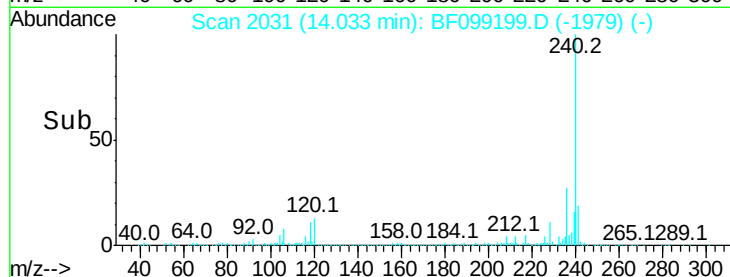
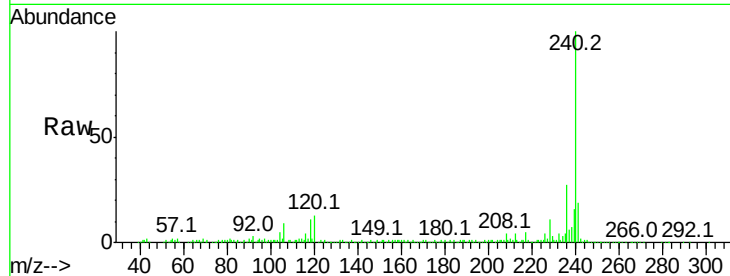
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.7	20.7	31.1

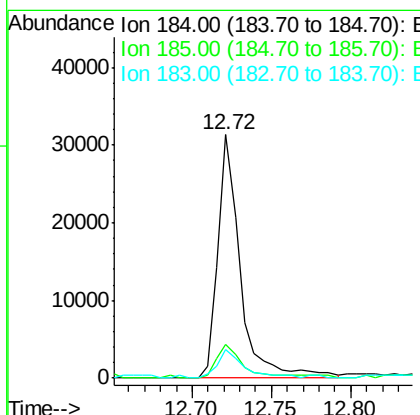
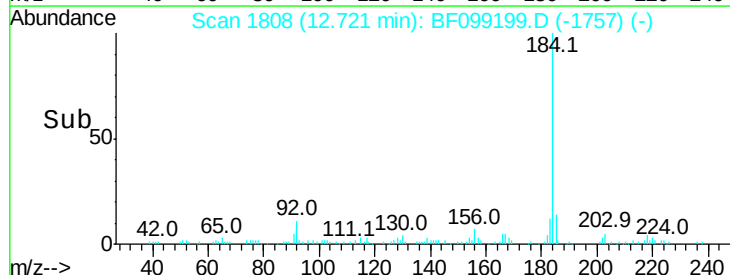
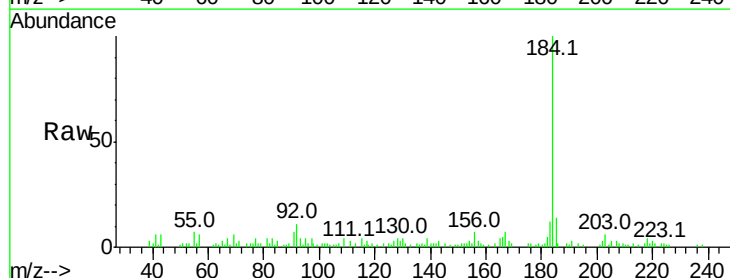
Manual Integrations
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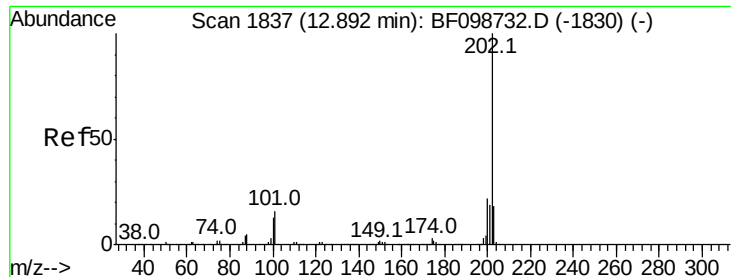
Sohil
10/9/2017 6:34:15 PM



#76
Benzidine
Concen: 3.856 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.9	9.3	13.9





#77

Pvrene

Concen: 22.268 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

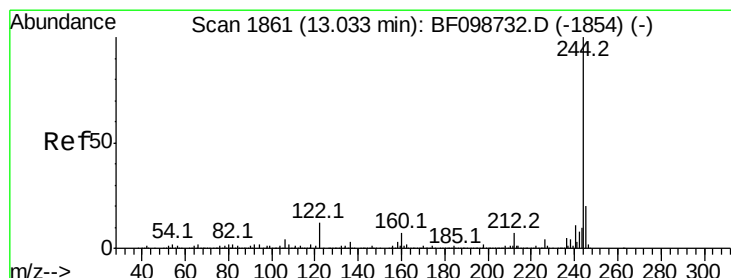
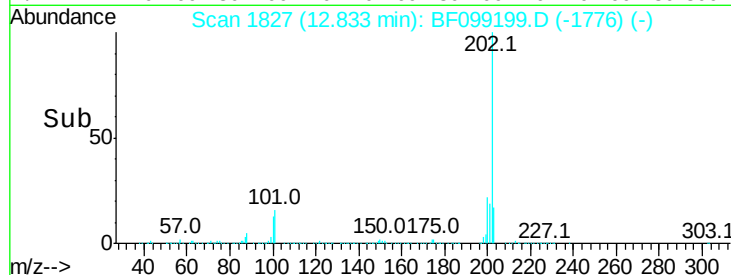
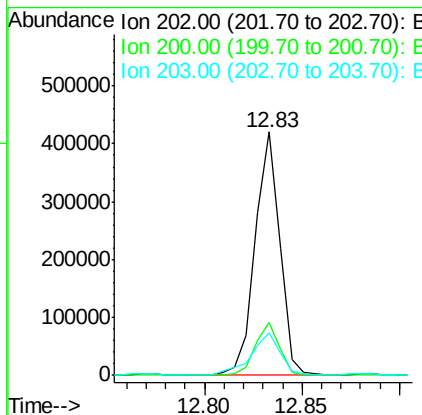
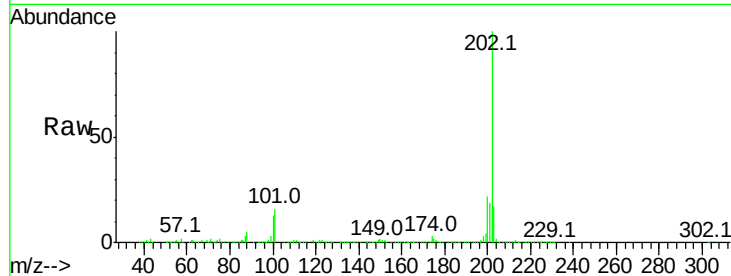
ClientSampleId :

OR-03-100417MS

Tot Ion:	202	Resp:	368440
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 18.121 ng

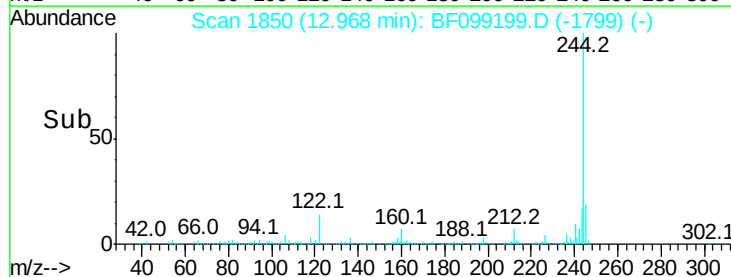
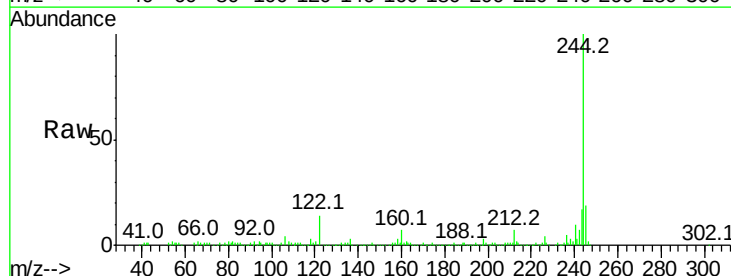
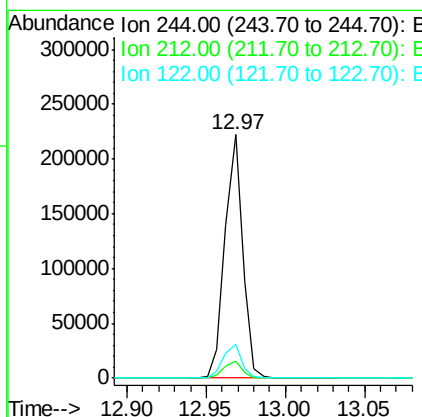
RT: 12.97 min Scan# 1850

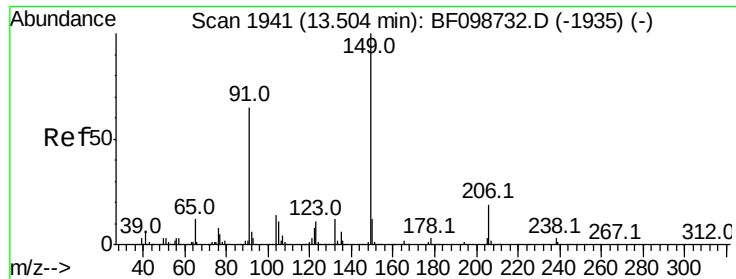
Delta R.T. -0.00 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	244	Resp:	172893
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4





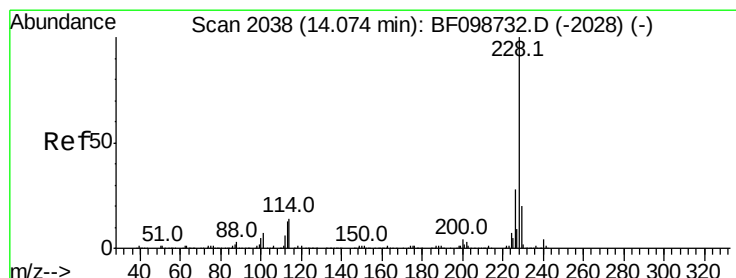
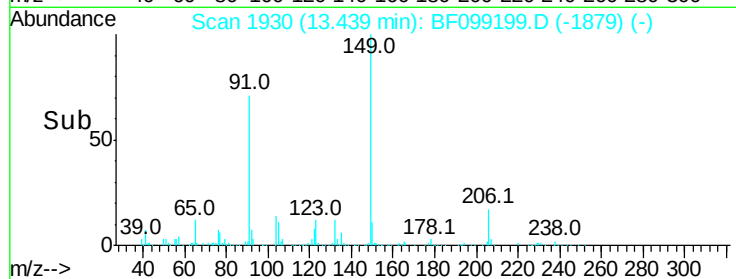
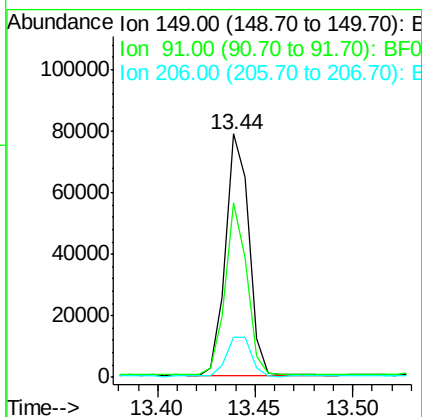
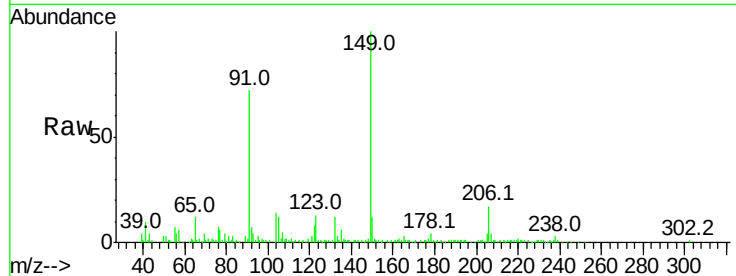
#79
Butylbenzylphthalate
Concen: 8.341 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.8	85.2
206	16.5	14.1	21.1

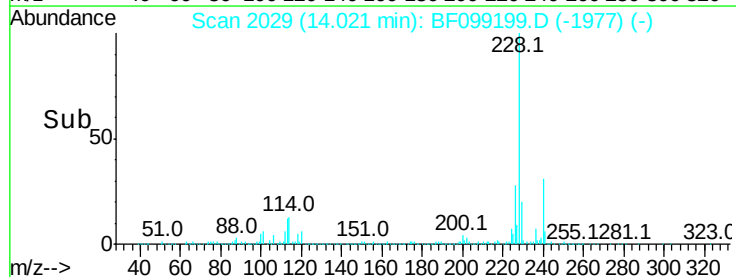
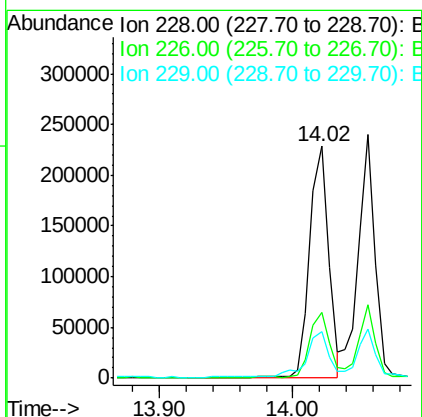
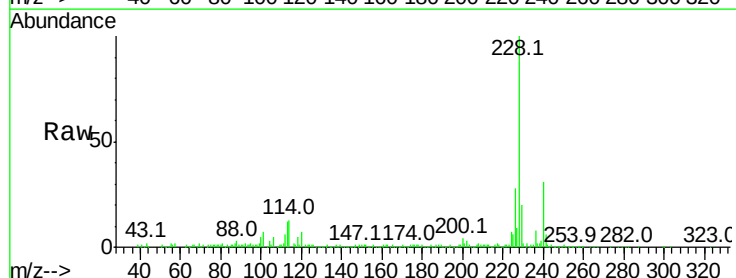
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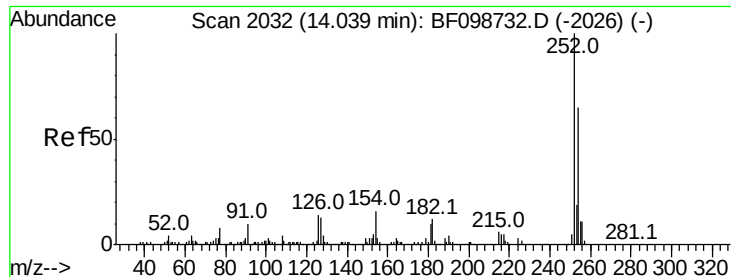
Sohil
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#80
Benzo(a)anthracene
Concen: 16.770 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6





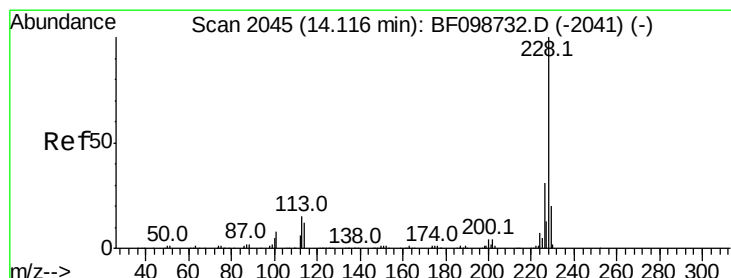
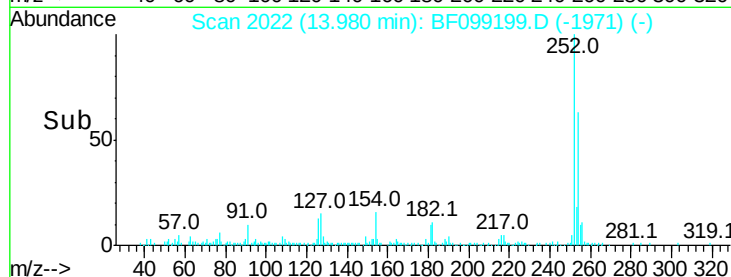
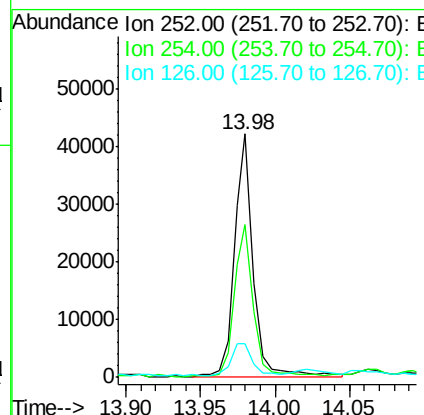
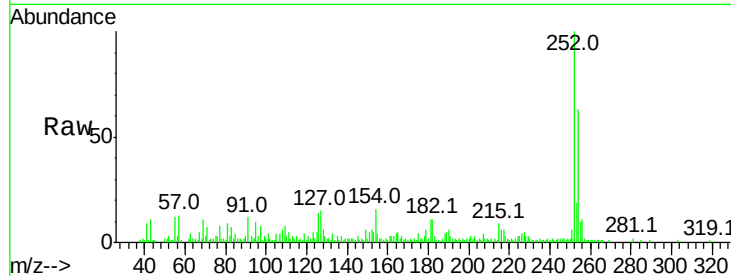
#81
 3,3'-Dichlorobenzidine
 Concen: 7.897 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion:	252	Resp:	38036
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.4	75.6
126	13.8	11.3	16.9

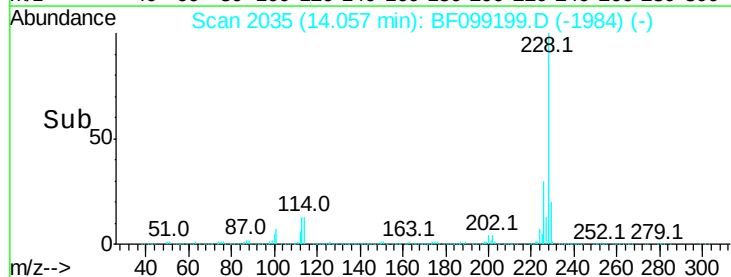
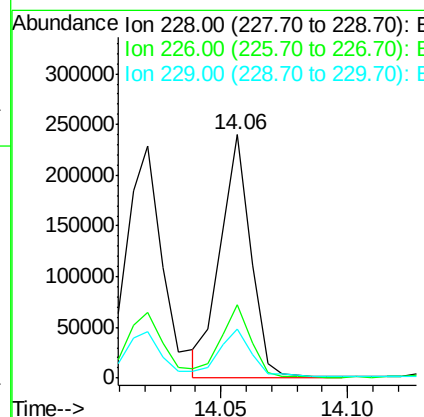
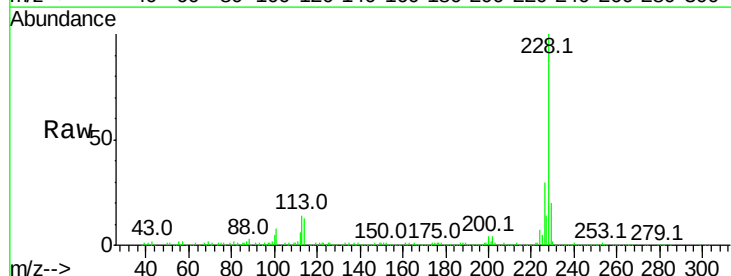
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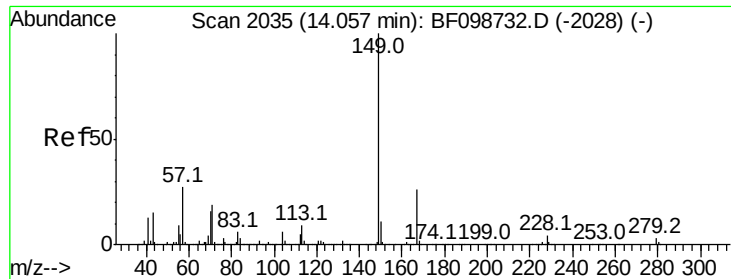
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#82
 Chrysene
 Concen: 16.018 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion:	228	Resp:	200367
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	20.3	16.2	24.4





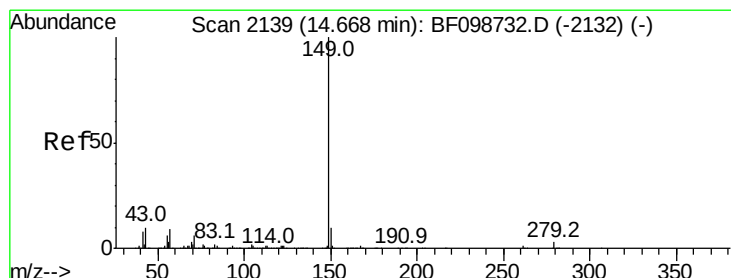
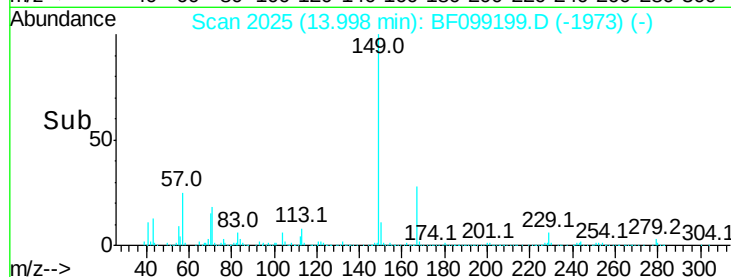
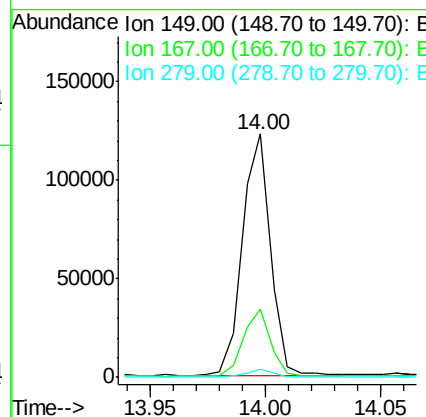
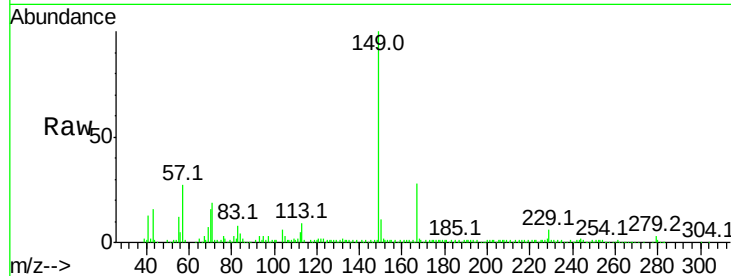
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.661 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.3	31.9
279	3.4	3.0	4.4

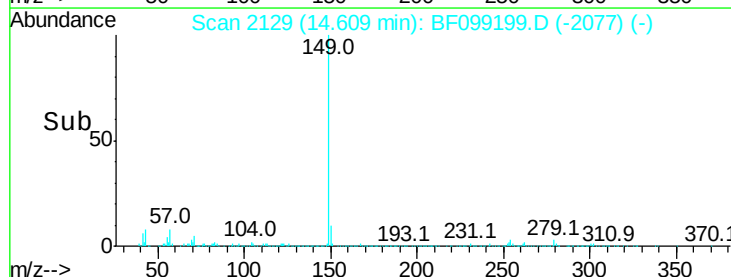
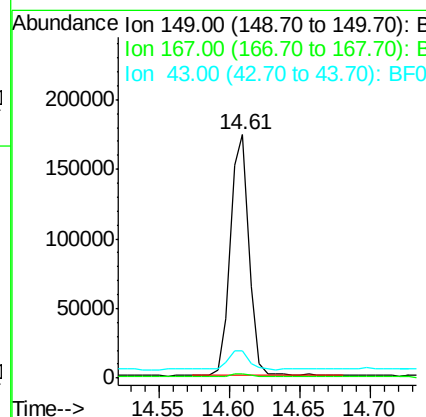
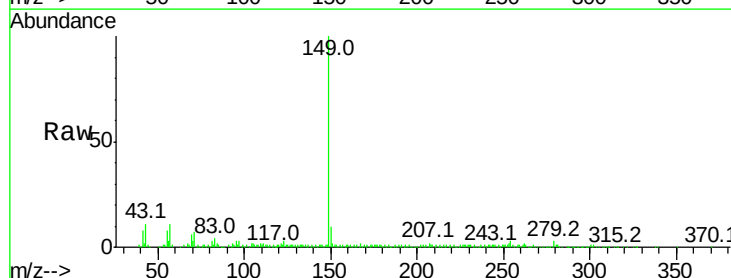
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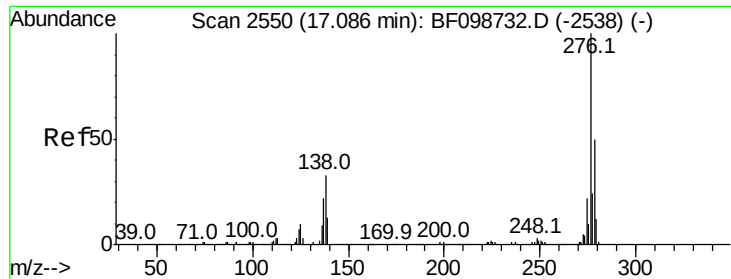
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#84
 Di-n-octyl phthalate
 Concen: 9.155 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	8.9	8.4	12.6





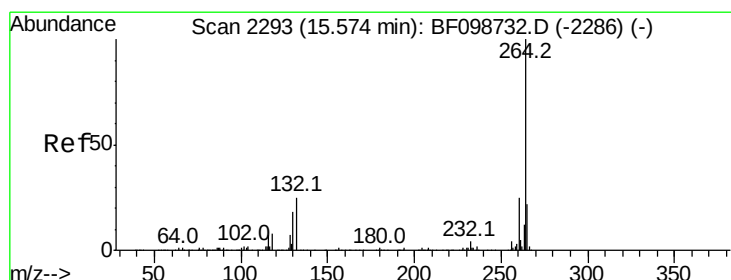
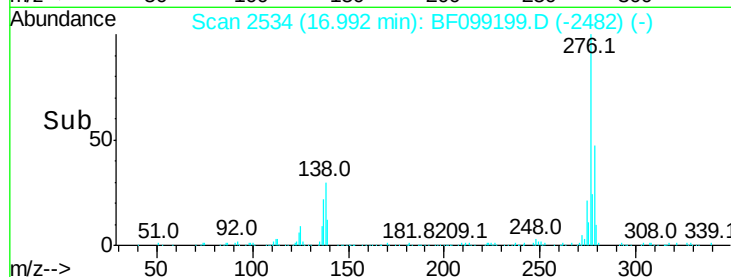
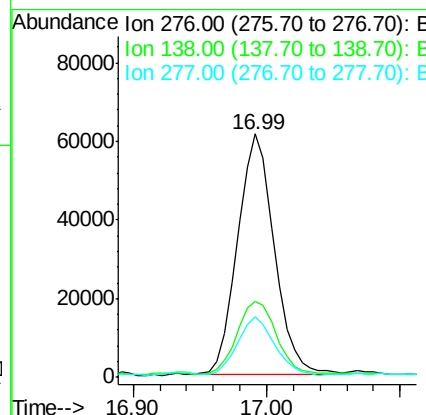
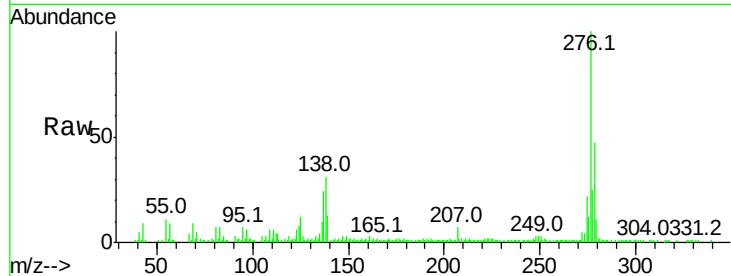
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.720 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	23.9	20.1	30.1

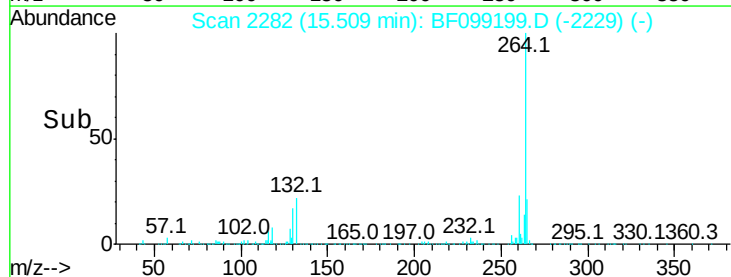
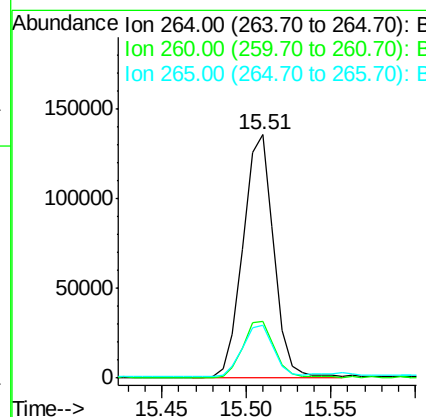
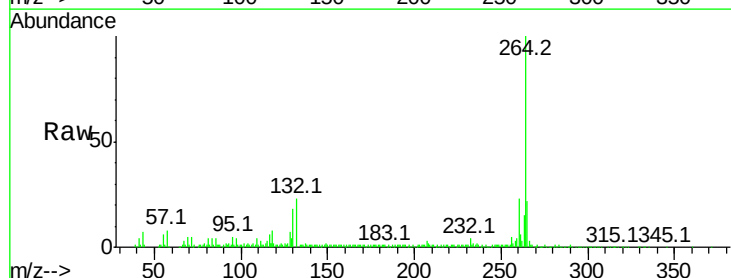
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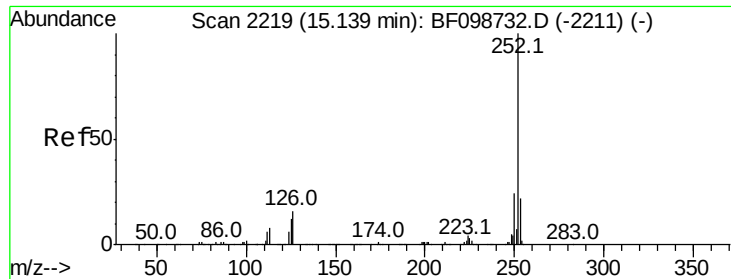
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3





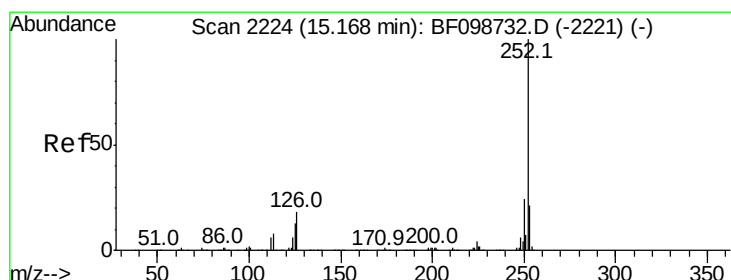
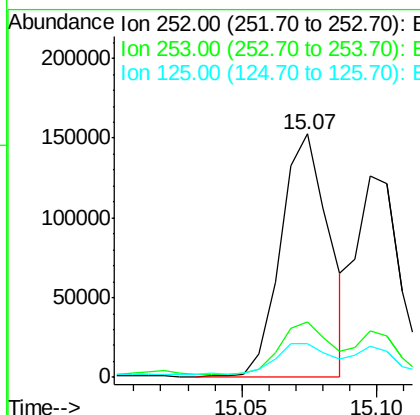
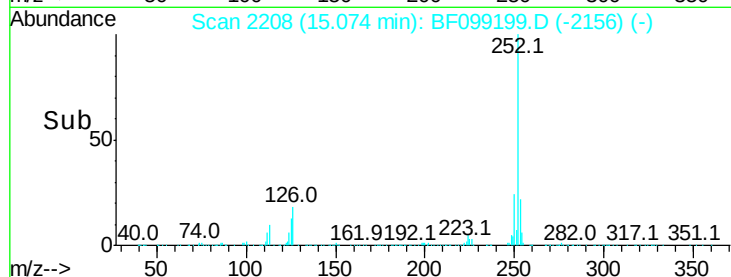
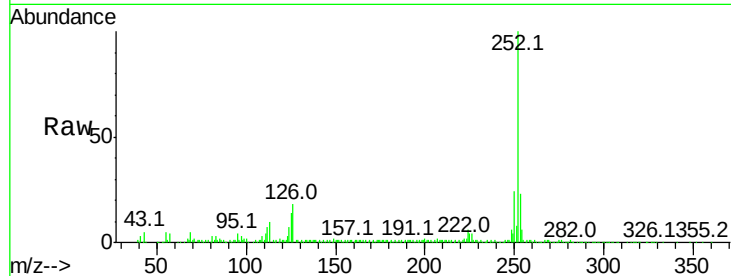
#87
Benzo(b)fluoranthene
Concen: 17.916 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.1	9.0	13.6#

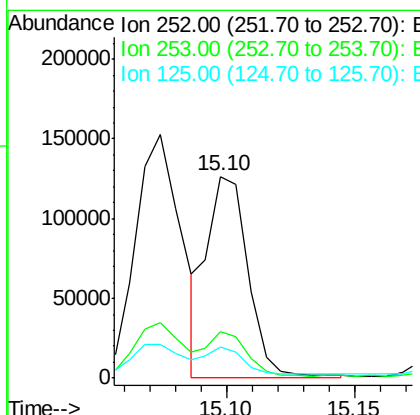
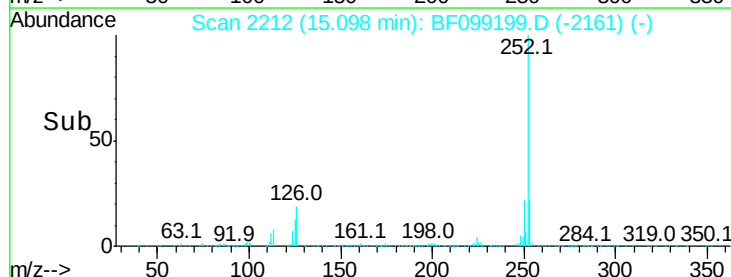
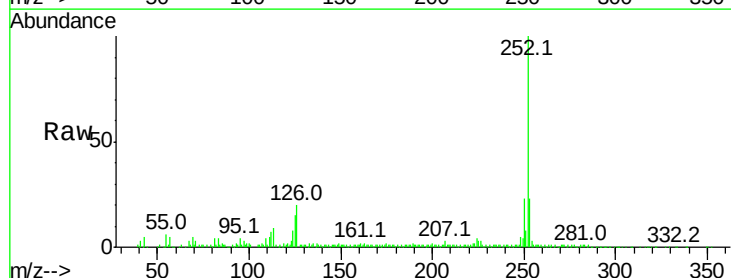
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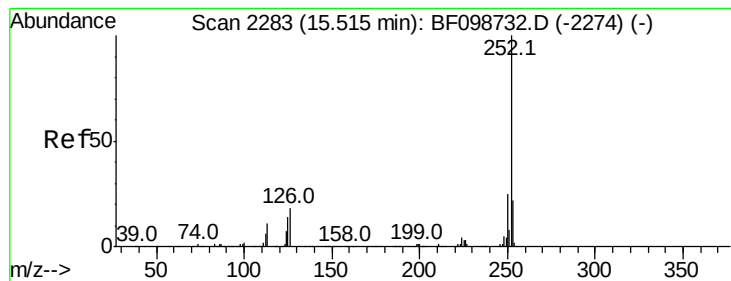
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#88
Benzo(k)fluoranthene
Concen: 13.613 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF099199.D
Acq: 7 Oct 2017 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.3	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 16.200 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Instrument :

BNA_F

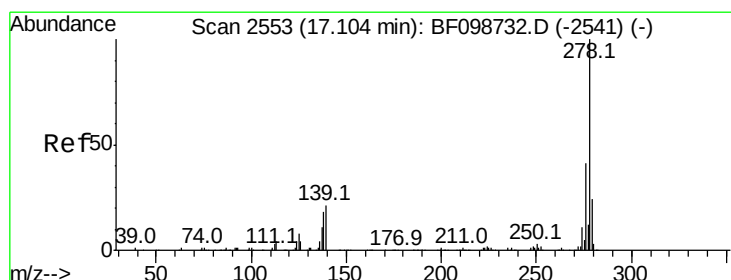
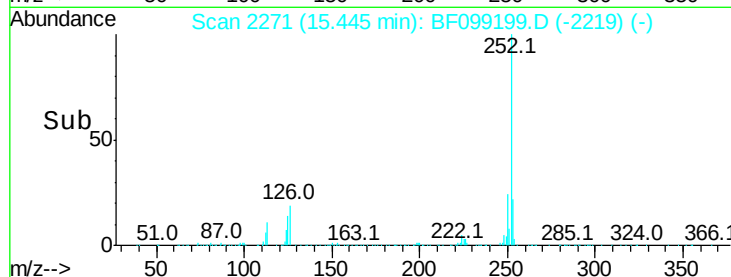
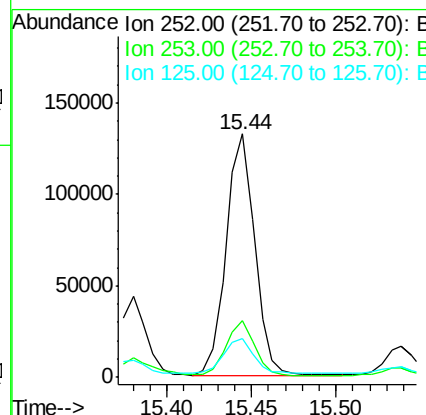
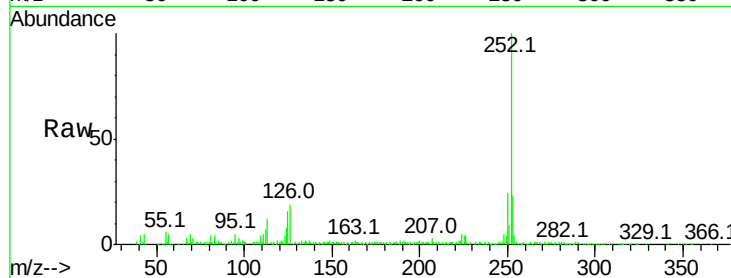
ClientSampleId :

OR-03-100417MS

Tot Ion:	252	Resp:	156887
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	15.9	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 9.718 ng

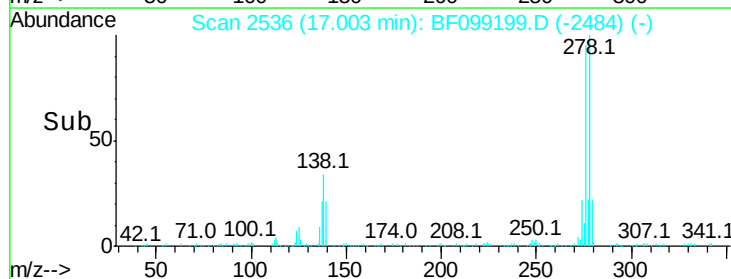
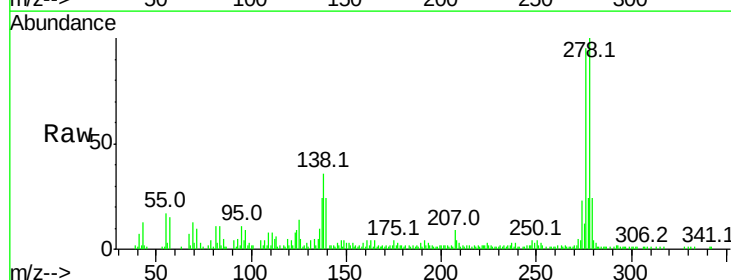
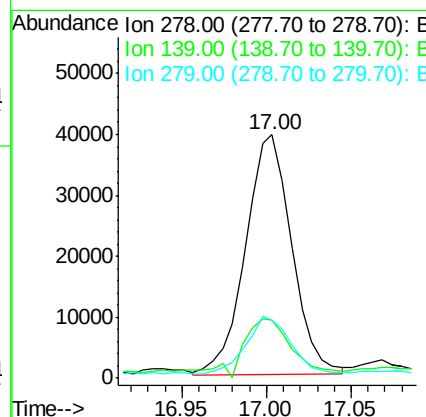
RT: 17.00 min Scan# 2536

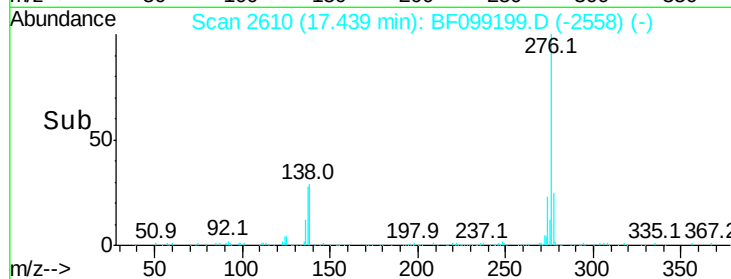
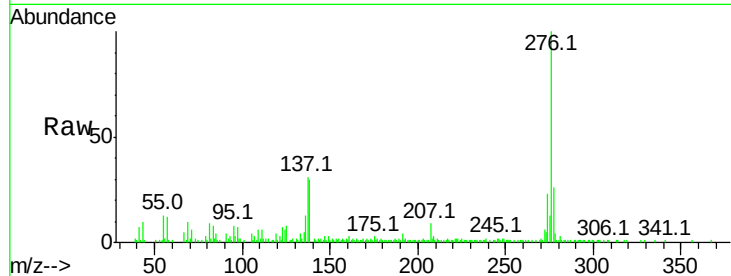
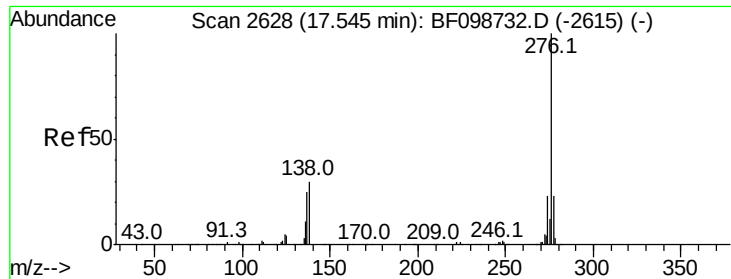
Delta R.T. 0.01 min

Lab File: BF099199.D

Acq: 7 Oct 2017 17:31

Tgt Ion:	278	Resp:	75321
Ion Ratio	Lower	Upper	
278	100		
139	23.8	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 12.713 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF099199.D
 Acq: 7 Oct 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100417MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	30.5	21.8	32.8

Manual Integrations
 APPROVED

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