

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099359.D
 Acq On : 11 Oct 2017 22:05
 Operator : SJ/JU
 Sample : I5710-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:07:19 PM

Quant Time: Oct 12 01:25:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106047	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433364	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	193992	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	326921	20.00	ng	0.00
75) Chrysene-d12	14.02	240	166044	20.00	ng	0.00
86) Perylene-d12	15.48	264	163119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	899401	135.01	ng	0.02
7) Phenol-d6	6.49	99	1085696	132.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	661473	97.89	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	216612	136.46	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1093342	94.09	ng	0.00
78) Terphenyl-d14	12.96	244	796341	109.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	127994	40.222	ng	96
3) Pyridine	3.50	79	131351	15.258	ng	97
4) n-Nitrosodimethylamine	3.42	42	148504	40.681	ng	# 78
6) Aniline	6.52	93	390492	35.207	ng	97
8) 2-Chlorophenol	6.65	128	352766	46.761	ng	92
9) Benzaldehyde	6.40	77	132326	27.759	ng	95
10) Phenol	6.50	94	463373	50.417	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	330368	46.238	ng	98
12) 1,3-Dichlorobenzene	6.79	146	380989	48.222	ng	97
13) 1,4-Dichlorobenzene	6.87	146	382397	47.571	ng	99
14) 1,2-Dichlorobenzene	7.02	146	349199	47.014	ng	99
15) Benzyl Alcohol	7.00	79	272202	45.151	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	467582	42.004	ng	93
17) 2-Methylphenol	7.11	107	292048	47.313	ng	98
18) Hexachloroethane	7.36	117	130308	45.099	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	217599	41.473	ng	93
20) 3+4-Methylphenols	7.26	107	340574	43.613	ng	# 80
22) Acetophenone	7.27	105	456235	43.452	ng	# 97
24) Nitrobenzene	7.44	77	347178	45.290	ng	96
25) Isophorone	7.68	82	651756	46.650	ng	98
26) 2-Nitrophenol	7.75	139	200653	54.433	ng	92
27) 2,4-Dimethylphenol	7.79	122	316270	45.432	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	419948	48.233	ng	100
29) 2,4-Dichlorophenol	8.00	162	297510	49.776	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	300789	50.317	ng	99
31) Naphthalene	8.16	128	983830	48.337	ng	99
32) Benzoic acid	7.92	122	145742	25.487	ng	93
33) 4-Chloroaniline	8.21	127	294412	34.638	ng	# 94
34) Hexachlorobutadiene	8.27	225	146482	47.574	ng	99
35) Caprolactam	8.59	113	83755m	43.685	ng	
36) 4-Chloro-3-methylphenol	8.69	107	305471	45.470	ng	97
37) 2-Methylnaphthalene	8.85	142	668235	50.504	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	267866	46.300	ng	99
40) Hexachlorocyclopentadiene	9.00	237	179244	67.795	ng	99

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 SB-29BMSD

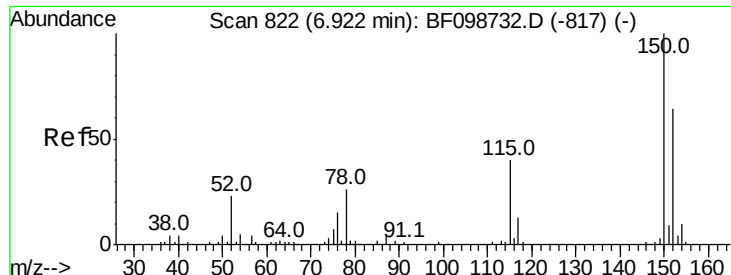
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	189629	46.267	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	200047	48.895	ng	# 92
45) 1,1'-Biphenyl	9.31	154	765982	45.943	ng	99
46) 2-Chloronaphthalene	9.34	162	610012	48.731	ng	97
47) 2-Nitroaniline	9.44	65	175683	45.834	ng	89
48) Acenaphthylene	9.76	152	912012	47.592	ng	100
49) Dimethylphthalate	9.62	163	843421	57.605	ng	100
50) 2,6-Dinitrotoluene	9.68	165	161090	50.537	ng	88
51) Acenaphthene	9.93	154	530707	43.720	ng	99
52) 3-Nitroaniline	9.85	138	143976	38.738	ng	94
53) 2,4-Dinitrophenol	9.96	184	112491	68.675	ng	89
54) Dibenzofuran	10.10	168	789911	48.873	ng	100
55) 4-Nitrophenol	10.02	139	228462	72.696	ng	84
56) 2,4-Dinitrotoluene	10.09	165	203661	49.231	ng	93
57) Fluorene	10.44	166	616095	47.426	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	143945	50.931	ng	96
59) Diethylphthalate	10.31	149	654923	45.777	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	283215	48.534	ng	96
61) 4-Nitroaniline	10.47	138	174096	48.553	ng	87
62) Azobenzene	10.59	77	606203	46.083	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	90546	45.522	ng	79
65) n-Nitrosodiphenylamine	10.55	169	554792	48.986	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	163703	51.157	ng	98
67) Hexachlorobenzene	10.99	284	167784	49.092	ng	97
68) Atrazine	11.07	200	165116	48.457	ng	99
69) Pentachlorophenol	11.19	266	148483	69.806	ng	99
70) Phenanthrene	11.40	178	850018	48.575	ng	99
71) Anthracene	11.46	178	874958	48.867	ng	99
72) Carbazole	11.61	167	795903	45.392	ng	99
73) Di-n-butylphthalate	11.93	149	962836	45.621	ng	99
74) Fluoranthene	12.59	202	784400	44.267	ng	97
76) Benzdine	12.70	184	131790	21.459	ng	98
77) Pyrene	12.82	202	785557	62.043	ng	99
79) Butylbenzylphthalate	13.43	149	325130	54.638	ng	89
80) Benzo(a)anthracene	14.00	228	509024	50.627	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	141277	38.330	ng	98
82) Chrysene	14.04	228	478722	50.012	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	408985	49.915	ng	# 100
84) Di-n-octyl phthalate	14.59	149	571020	43.280	ng	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	561109	73.279	ng	95
87) Benzo(b)fluoranthene	15.05	252	467392	46.603	ng	# 96
88) Benzo(k)fluoranthene	15.08	252	410159	41.406	ng	97
89) Benzo(a)pyrene	15.42	252	448757	48.746	ng	# 97
90) Dibenzo(a,h)anthracene	16.98	278	466930	63.376	ng	97
91) Benzo(g,h,i)perylene	17.42	276	495811	68.080	ng	96

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



#1

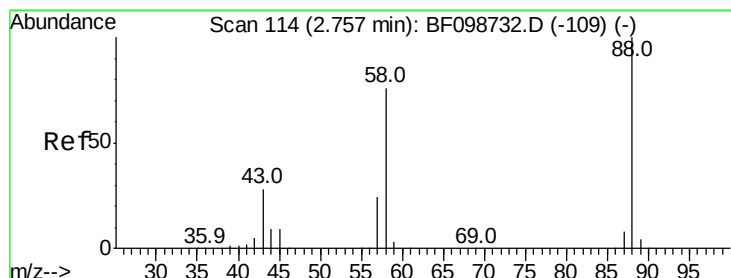
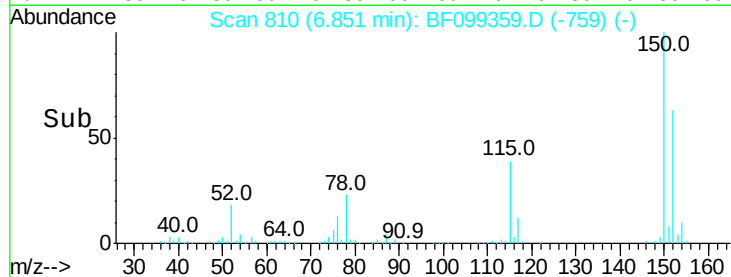
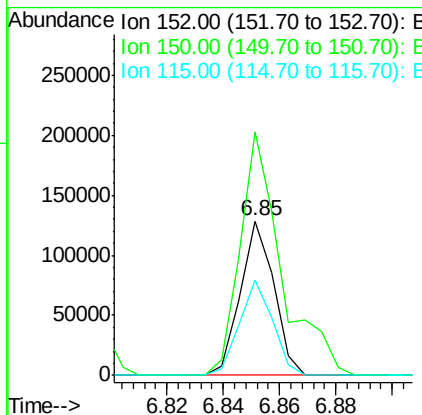
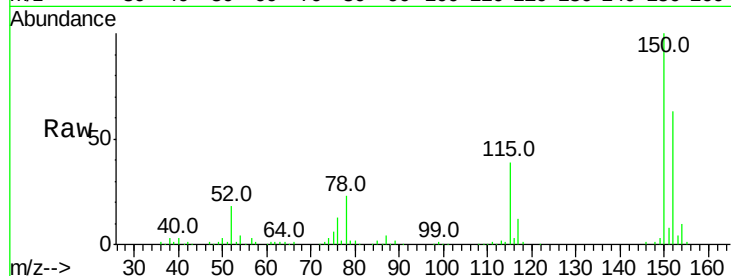
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
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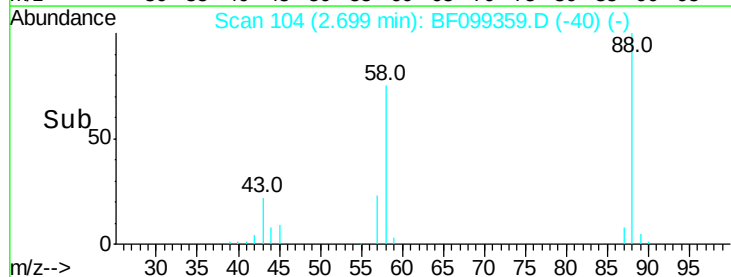
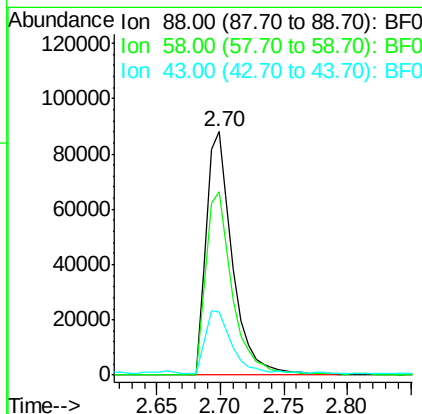
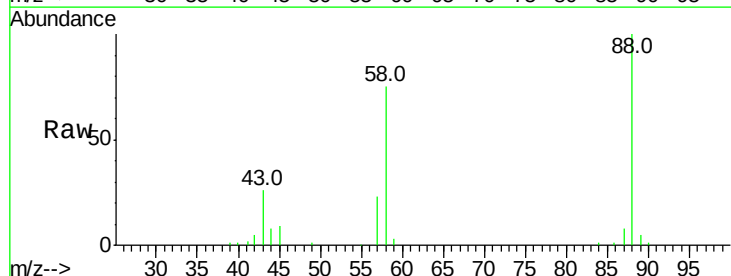
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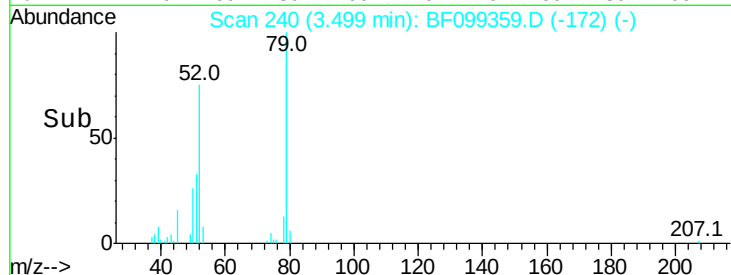
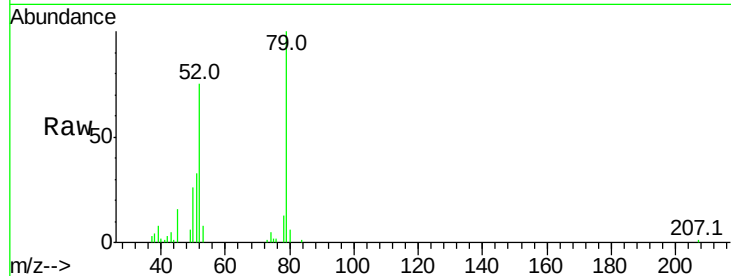
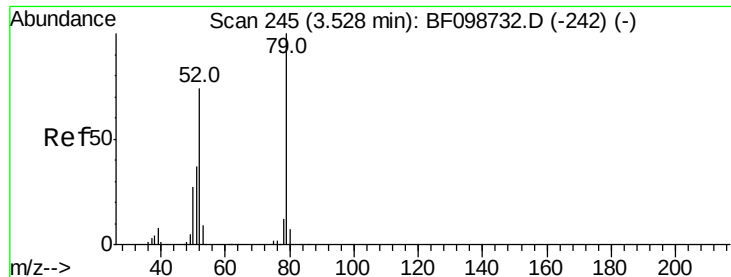


#2

1,4-Dioxane
Concen: 40.222 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.6	93.8
43	25.7	24.6	37.0





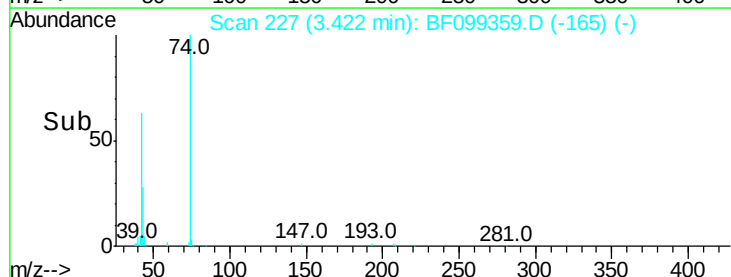
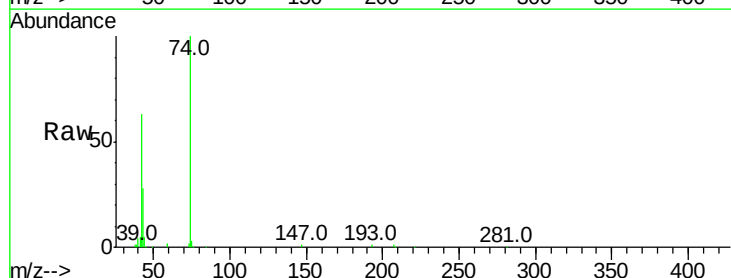
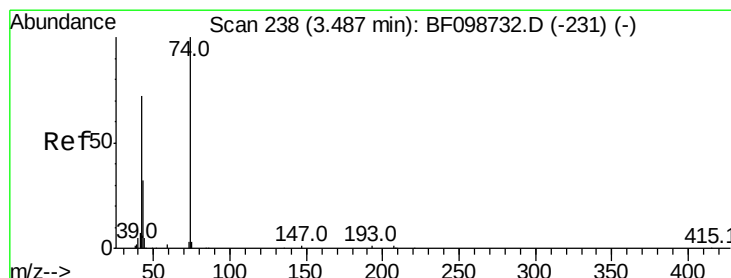
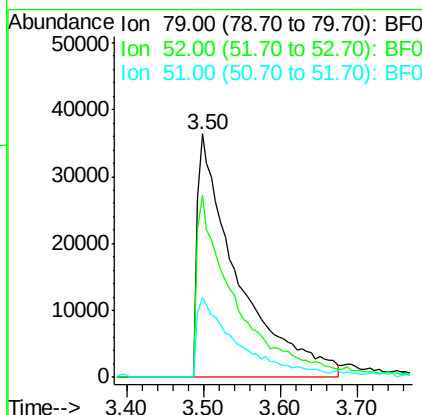
#3
 Pvridine
 Concen: 15.258 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.10 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		131351		
52	74.8	59.8	89.6		
51	32.9	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

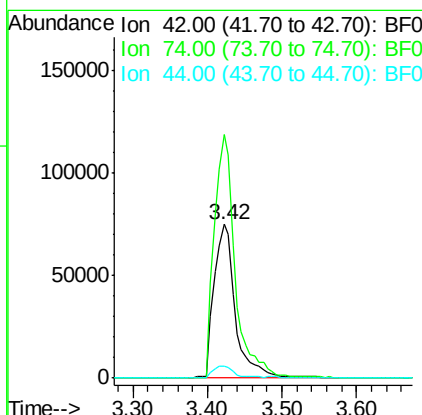
Manual Integrations
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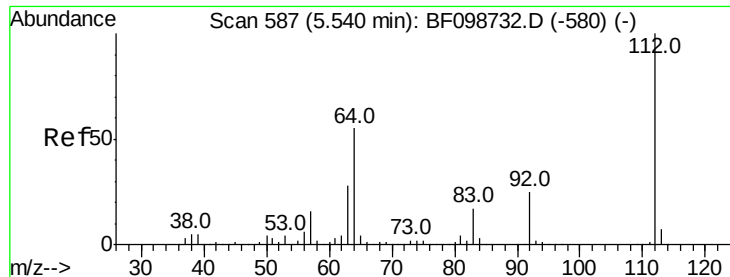
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#4
 n-Nitrosodimethylamine
 Concen: 40.681 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.06 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		148504		
74	158.2	104.9	157.3#		
44	7.9	6.9	10.3		





#5

2-Fluorophenol

Concen: 135.012 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

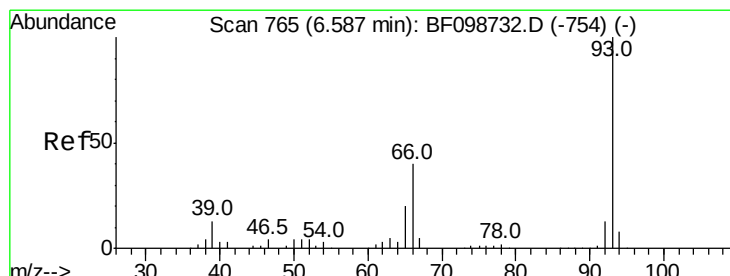
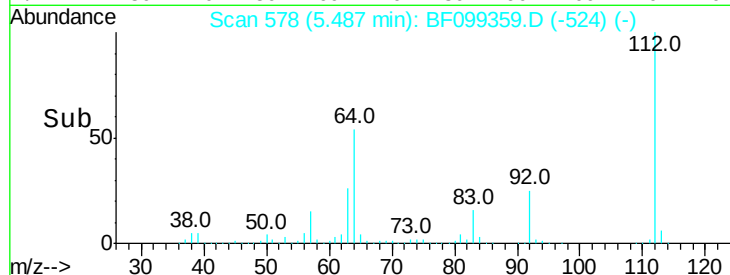
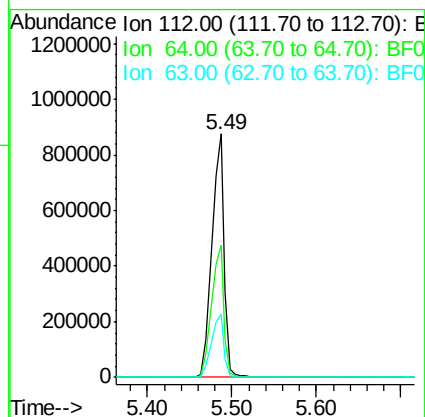
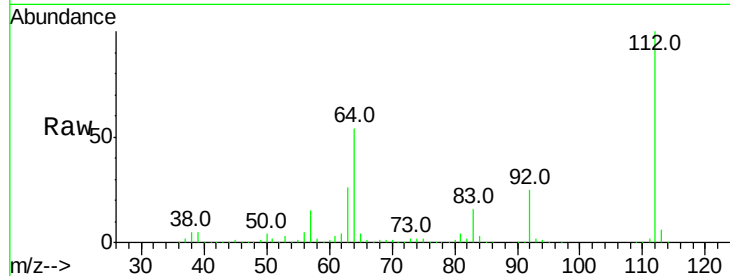
ClientSampleId :

SB-29BMSD

Tot Ion:	112	Resp:	899401
Ion Ratio	Lower	Upper	
112	100		
64	54.3	47.9	71.9
63	26.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 35.207 ng

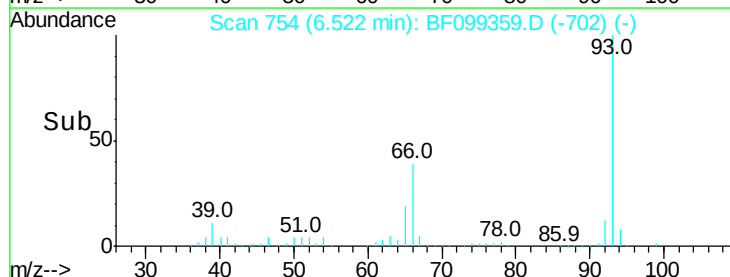
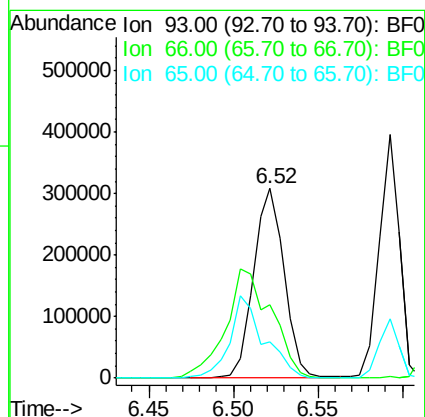
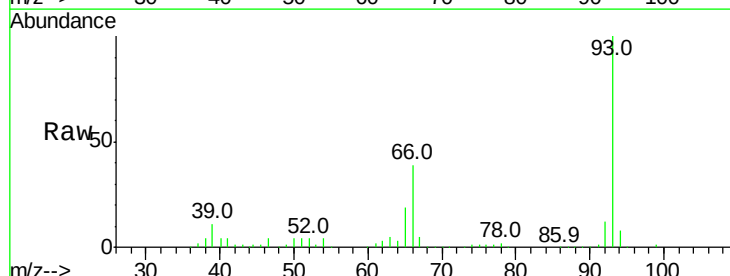
RT: 6.52 min Scan# 754

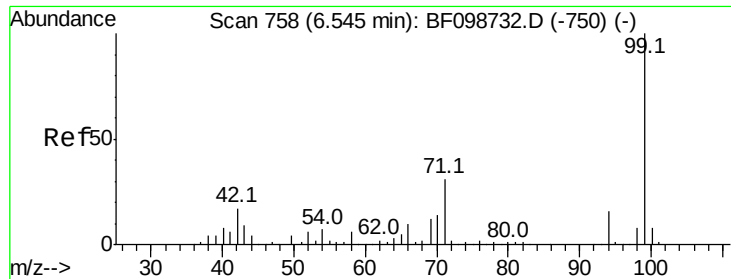
Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	93	Resp:	390492
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.2	48.2
65	19.0	16.4	24.6





#7

Phenol-d6

Concen: 132.113 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

SB-29BMSD

Tot Ion: 99 Resp: 1085696

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

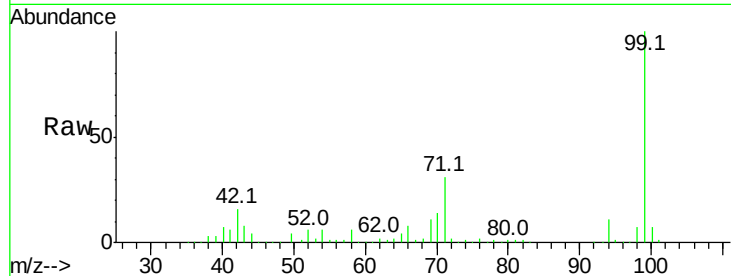
71 31.2 25.4 38.0

Manual Integrations

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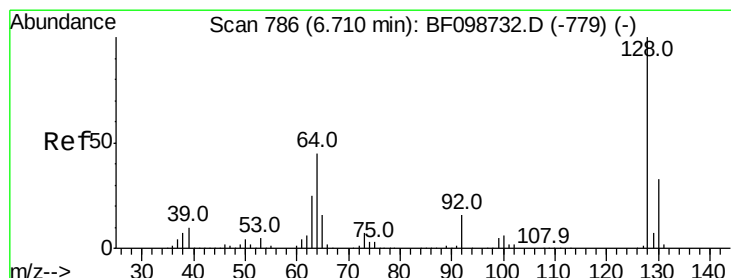
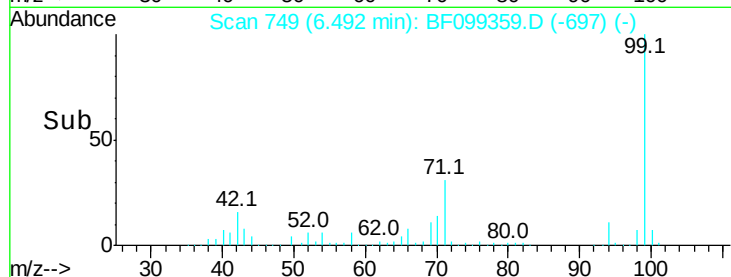
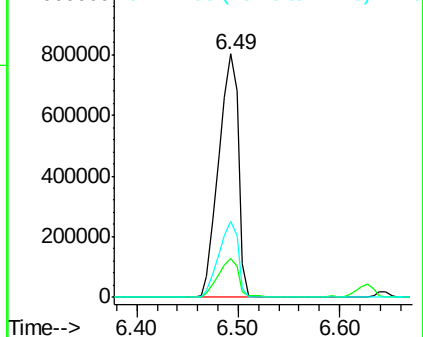
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.761 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

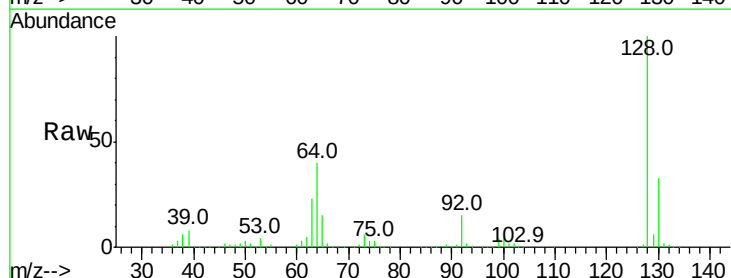
Tgt Ion: 128 Resp: 352766

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

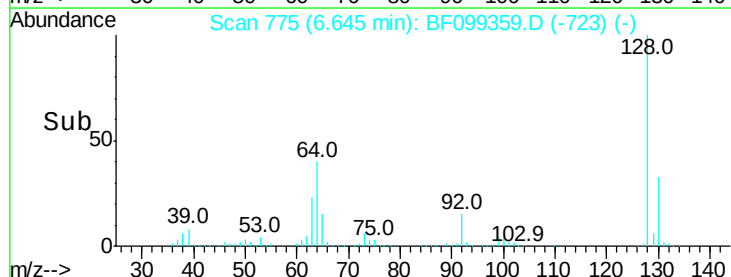
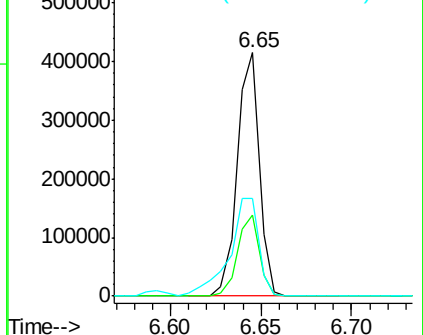
64 40.2 29.4 69.4

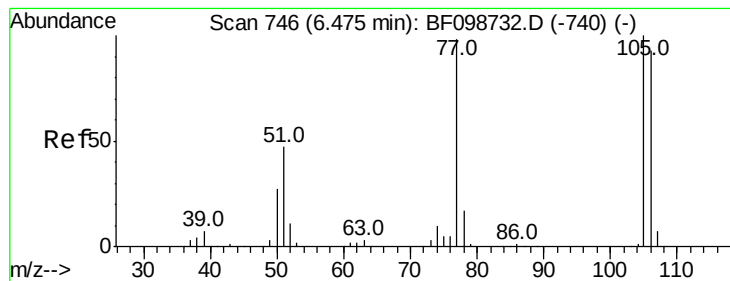


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.759 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

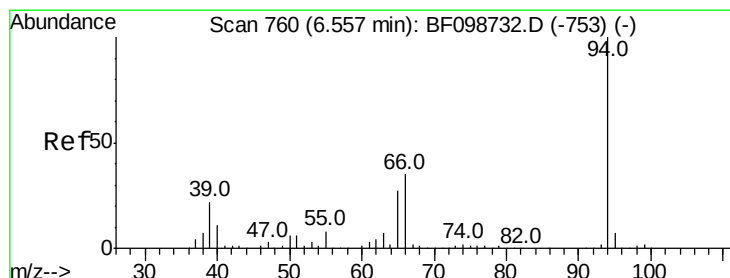
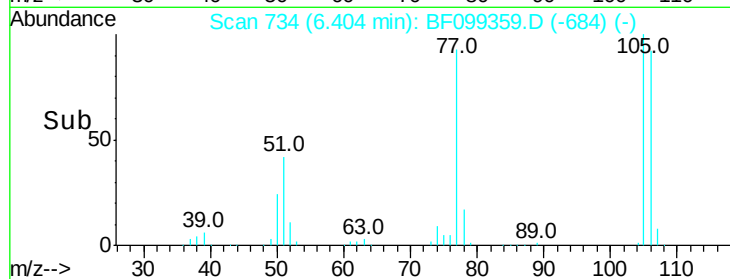
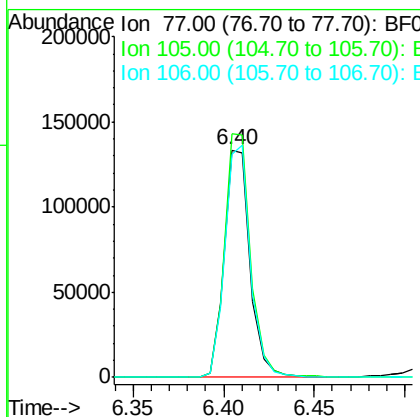
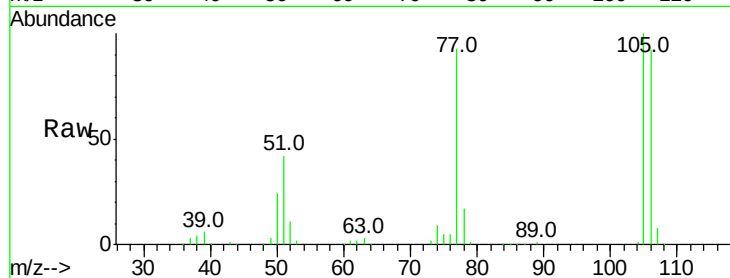
ClientSampled :

SB-29BMSD

Tot Ion:	77	Resp:	132326
Ion	Ratio	Lower	Upper
77	100		
105	107.0	81.1	121.1
106	98.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 50.417 ng

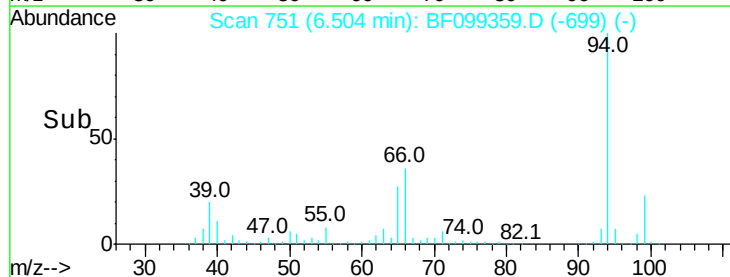
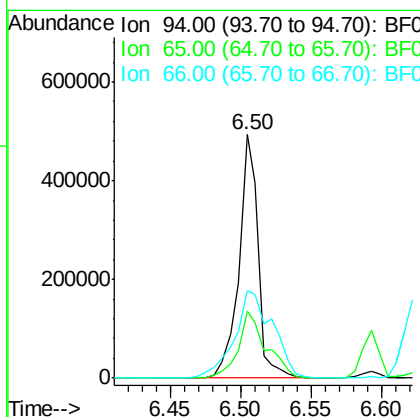
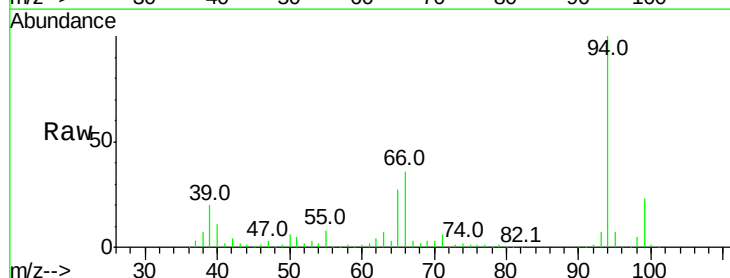
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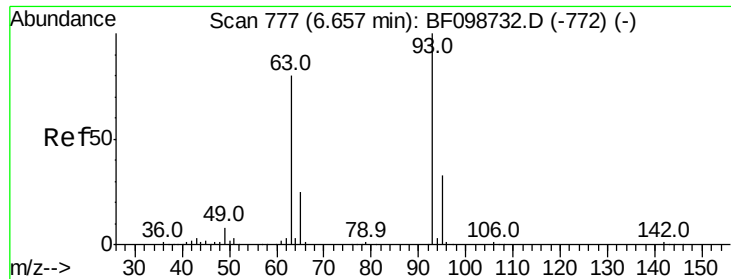
Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	94	Resp:	463373
Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	36.1	16.2	56.2





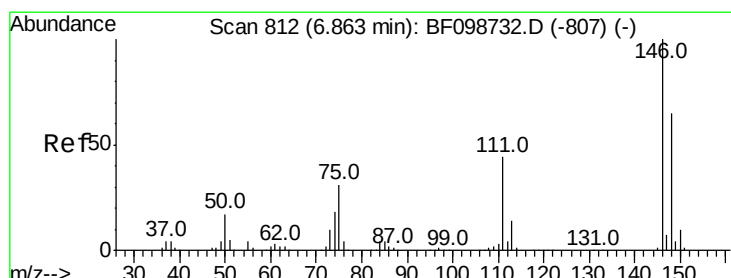
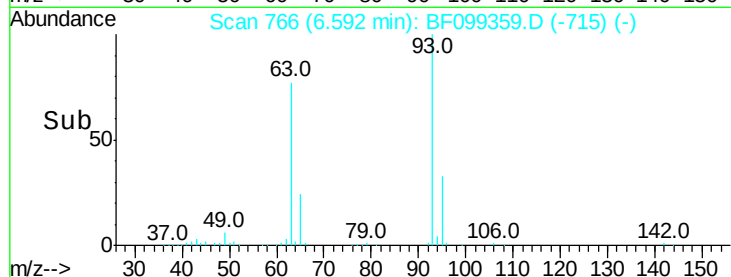
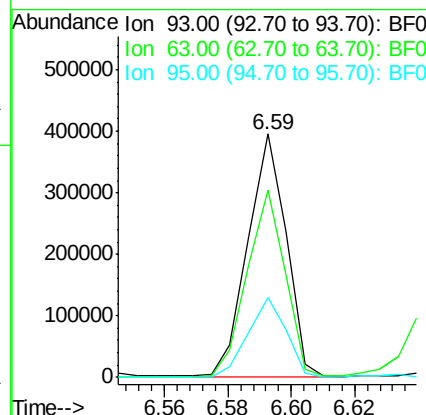
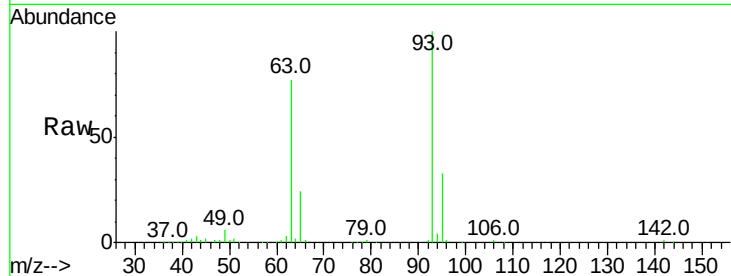
#11
bis(2-Chloroethyl)ether
Concen: 46.238 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	93	Ratio	100	Resp	330368
Ion	93	Ratio	100	Lower	Upper
	63	77.0		58.6	98.6
	95	32.9		11.8	51.8

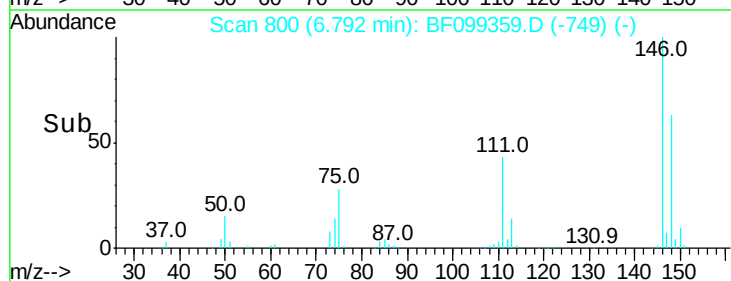
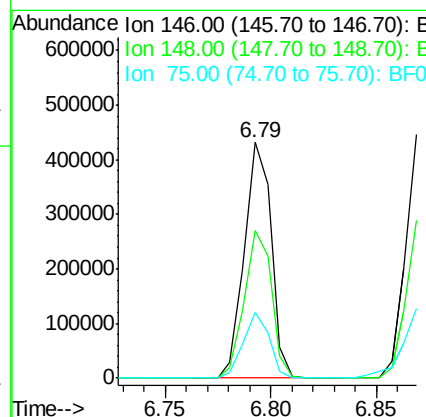
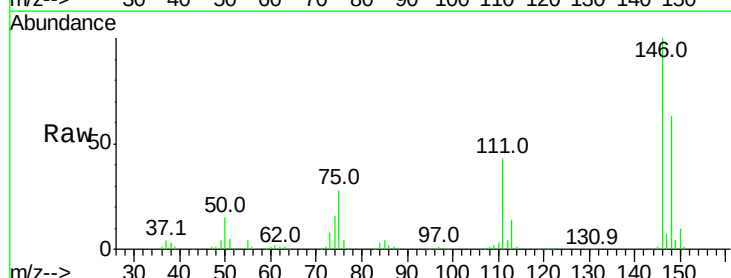
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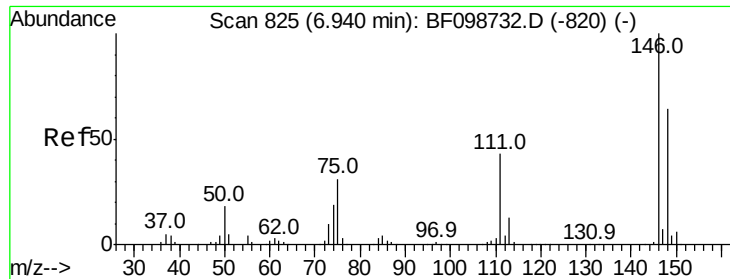
Sohil
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#12
1,3-Dichlorobenzene
Concen: 48.222 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	146	Ratio	100	Resp	380989
Ion	146	Ratio	100	Lower	Upper
	148	62.9		51.8	77.8
	75	28.1		24.2	36.4





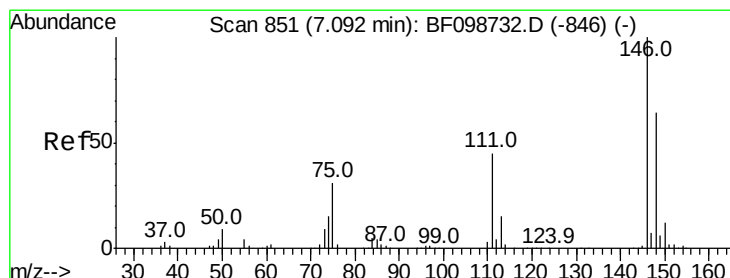
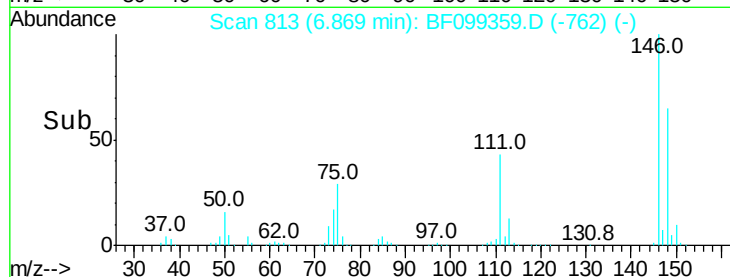
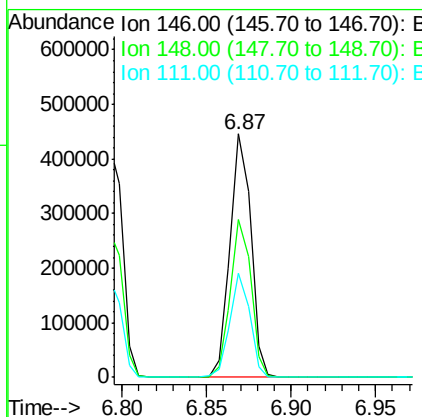
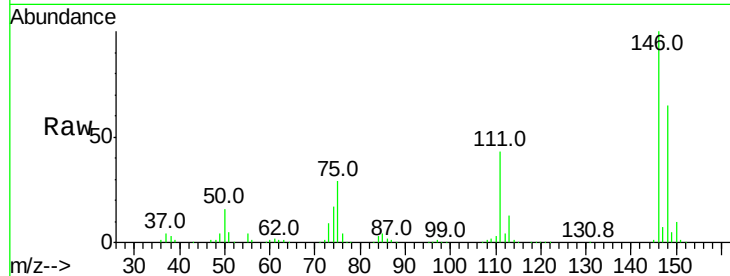
#13
 1,4-Dichlorobenzene
 Concen: 47.571 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :
 SB-29BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.5	34.2	51.2

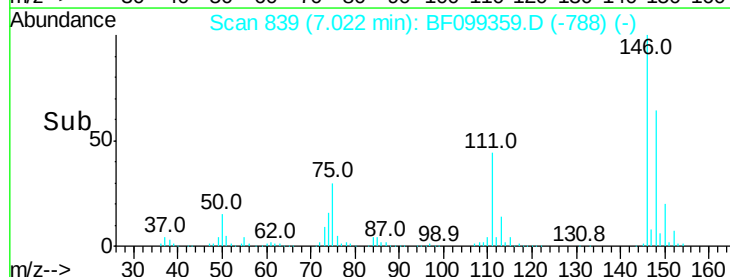
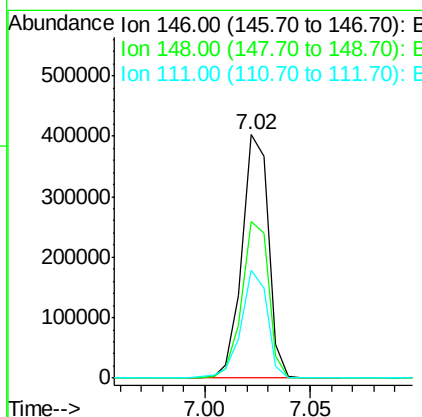
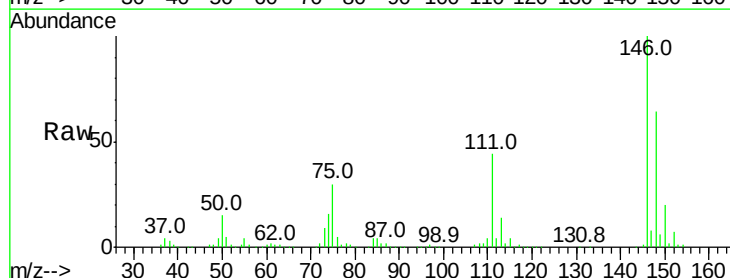
Manual Integrations
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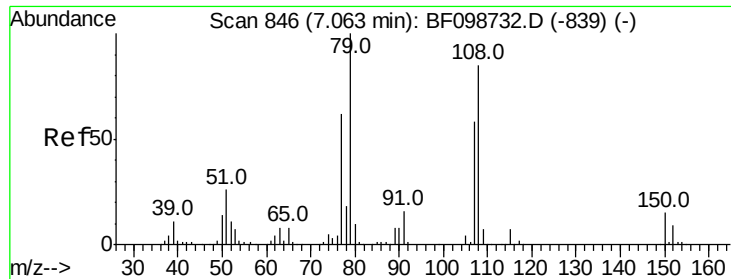
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 47.014 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	44.2	36.0	54.0





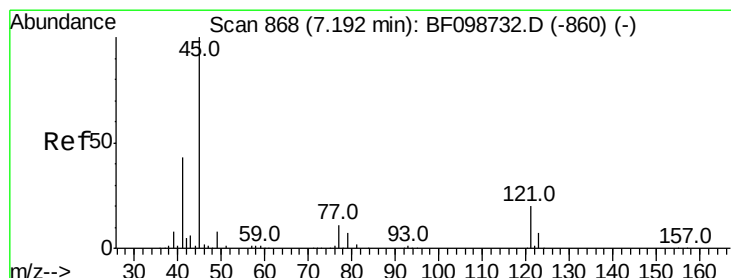
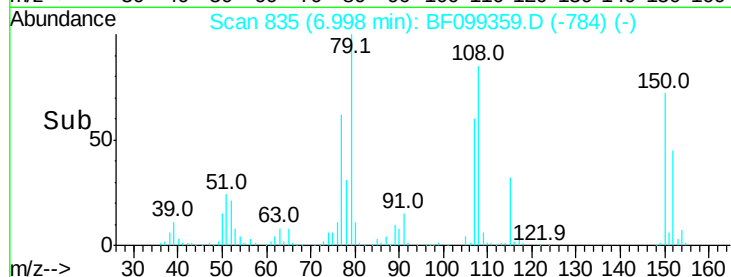
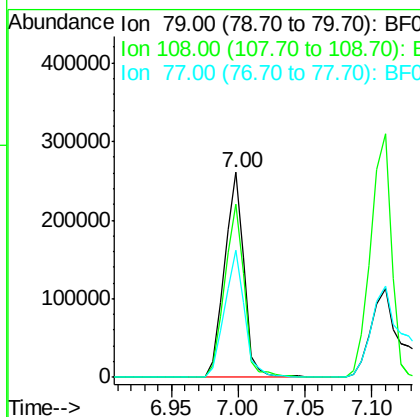
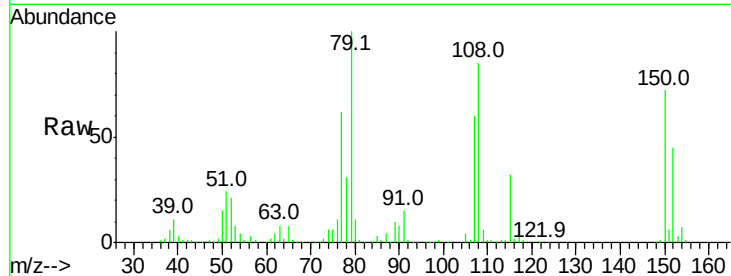
#15
Benzyl Alcohol
Concen: 45.151 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion:	79	Resp:	272202
Ion Ratio	Lower	Upper	
79	100		
108	84.6	65.1	97.7
77	62.3	50.6	75.8

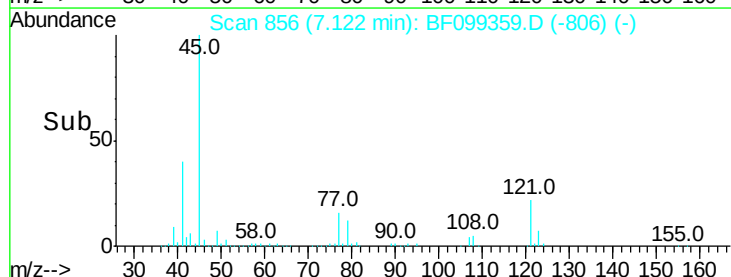
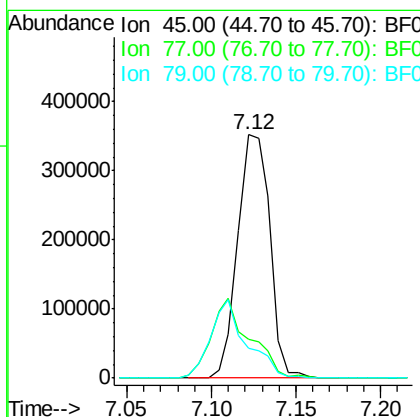
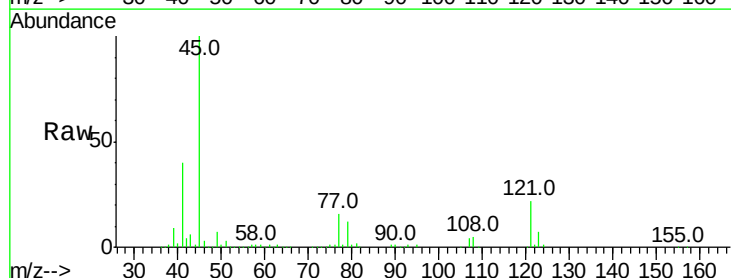
Manual Integrations
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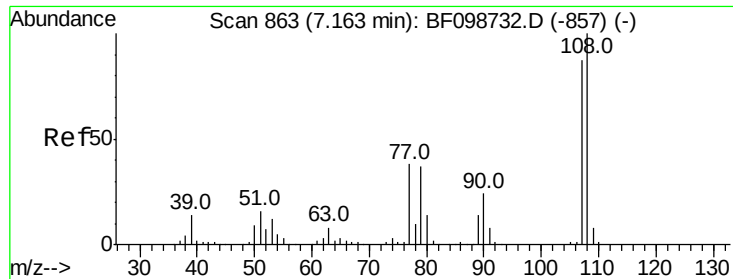
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.004 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:	45	Resp:	467582
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	32.9
79	12.3	0.0	29.6





#17

2-Methylphenol

Concen: 47.313 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

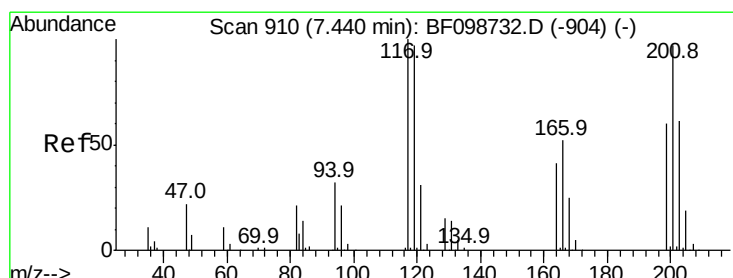
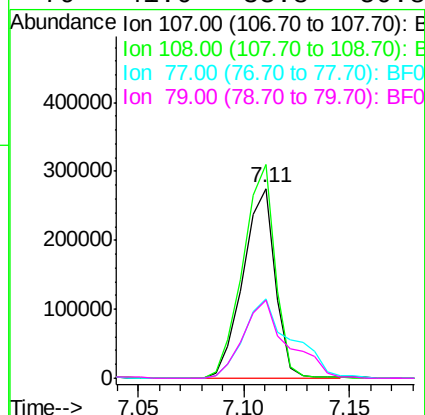
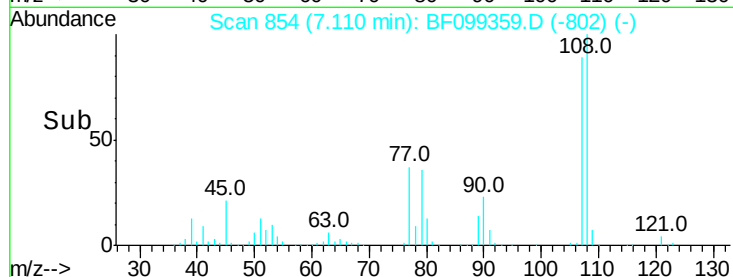
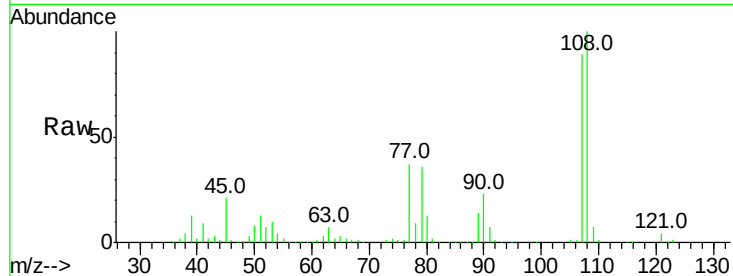
ClientSampleId :

SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	292048		
108	112.6	91.7	137.5	
77	42.2	33.8	50.8	
79	41.0	33.8	50.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 45.099 ng

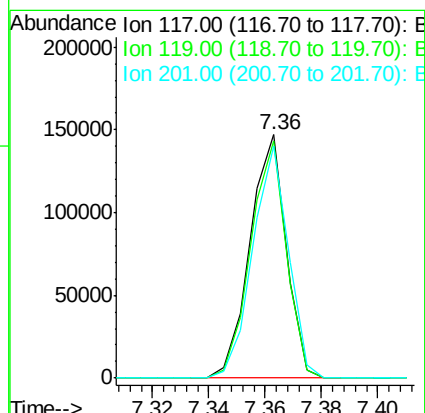
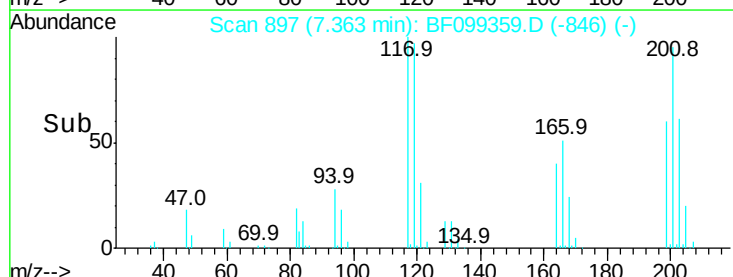
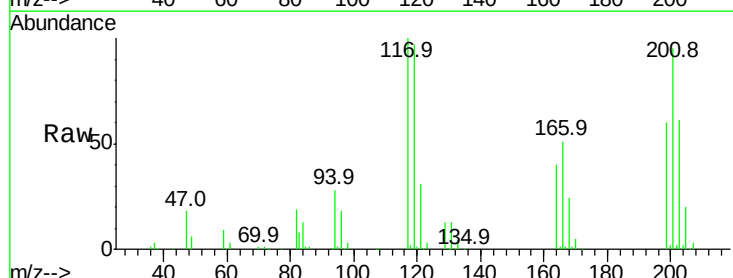
RT: 7.36 min Scan# 897

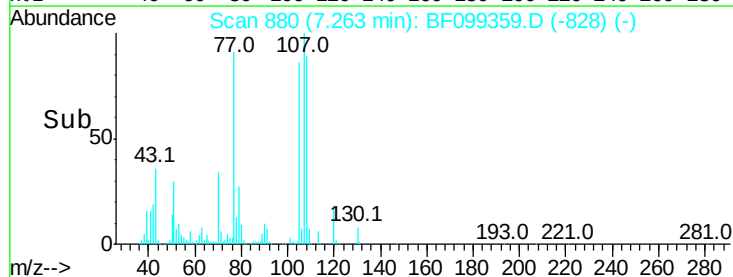
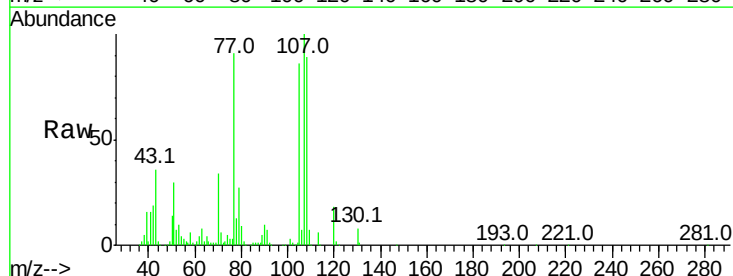
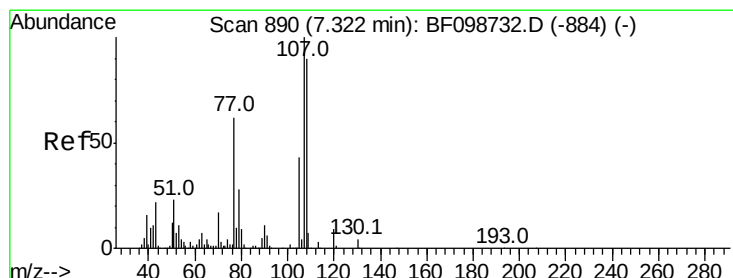
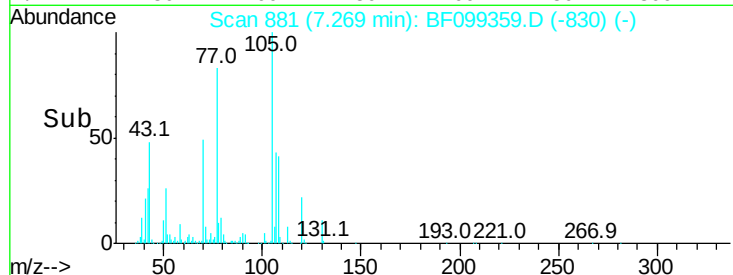
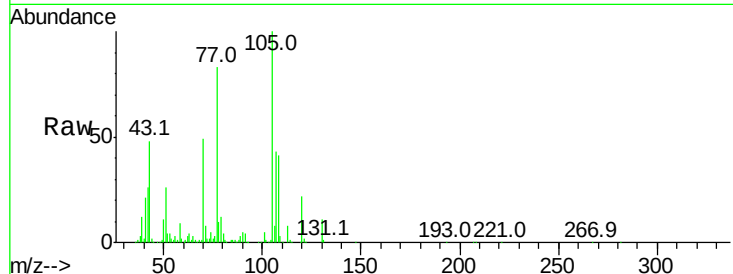
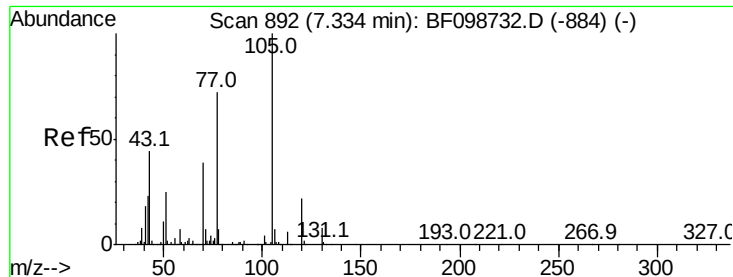
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	130308		
119	97.4	75.8	113.8	
201	95.3	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 41.473 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099359.D

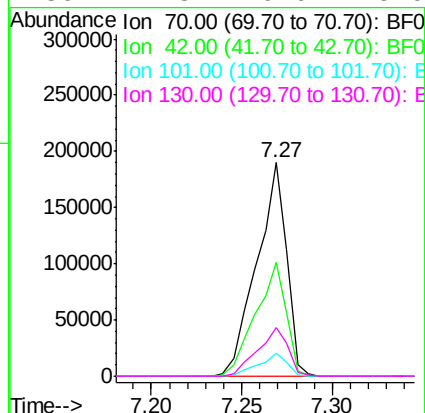
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	10.5	7.4	11.2
130	22.8	16.6	25.0

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#20

3+4-Methylphenols

Concen: 43.613 ng

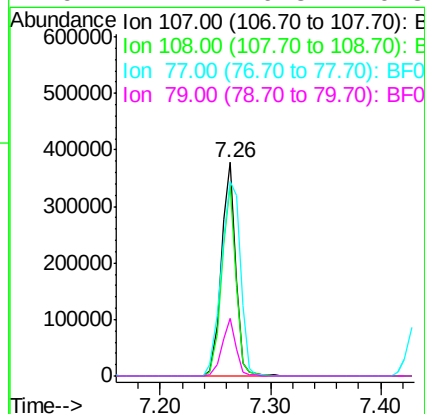
RT: 7.26 min Scan# 880

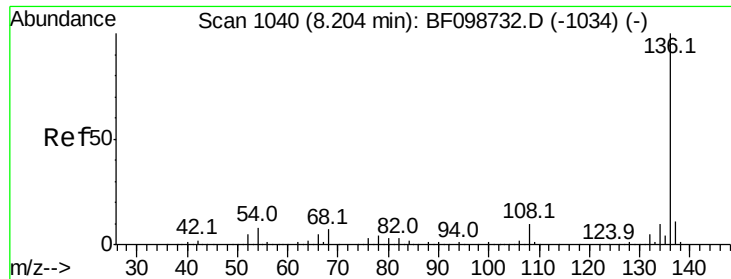
Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	91.2	26.7	66.7#
79	27.2	6.3	46.3





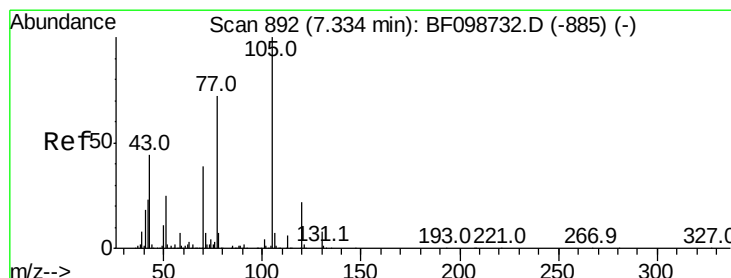
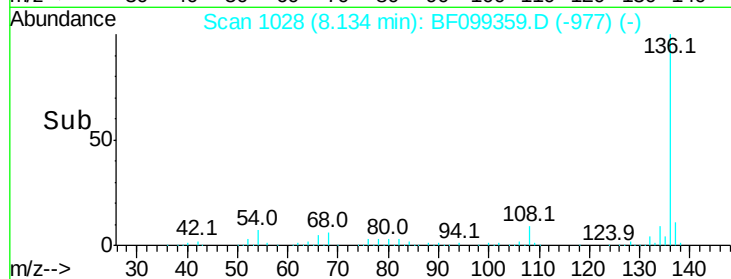
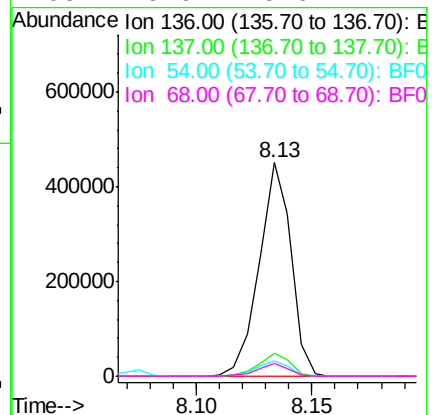
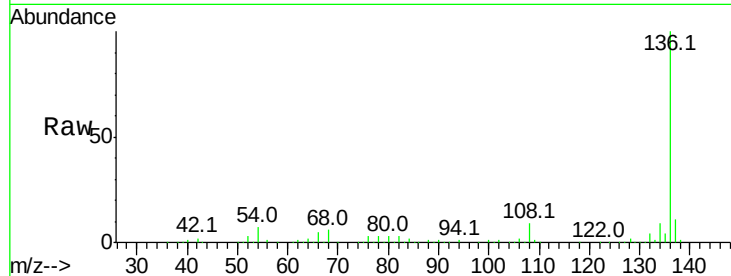
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	433364		
137	10.9		8.9	13.3
54	7.5		6.6	9.8
68	5.9		5.0	7.4

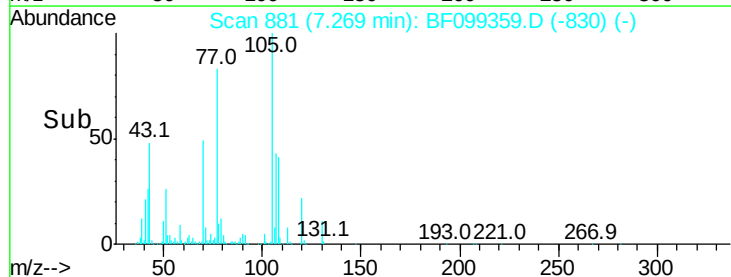
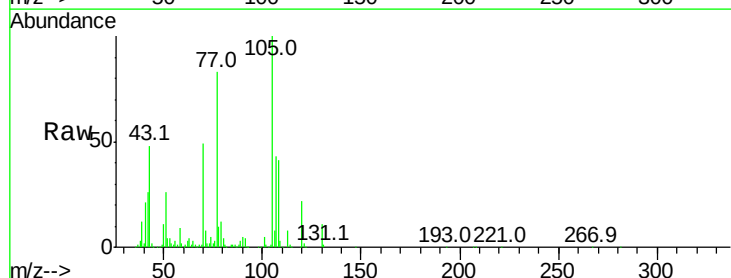
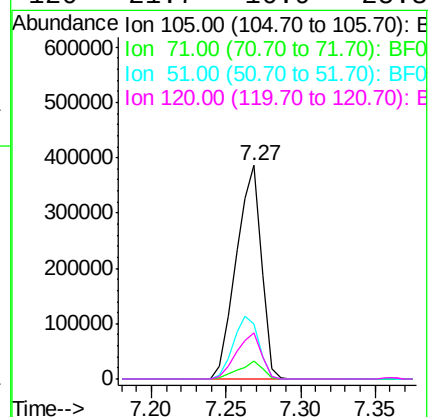
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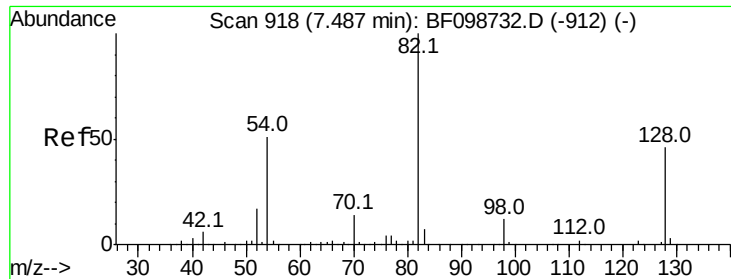
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#22
Acetophenone
Concen: 43.452 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	456235		
71	8.3		4.4	6.6#
51	25.8		22.3	33.5
120	21.7		16.9	25.3





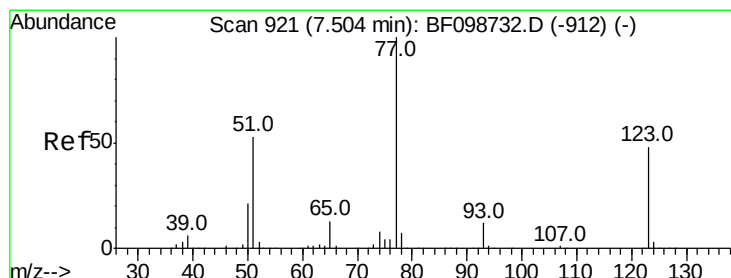
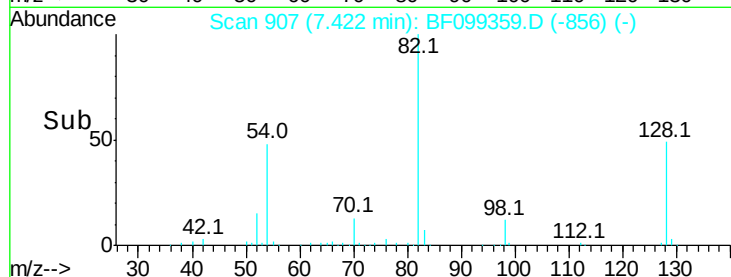
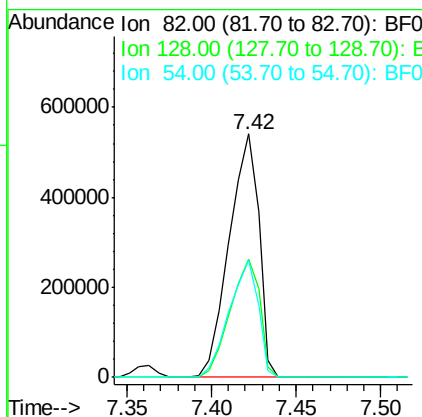
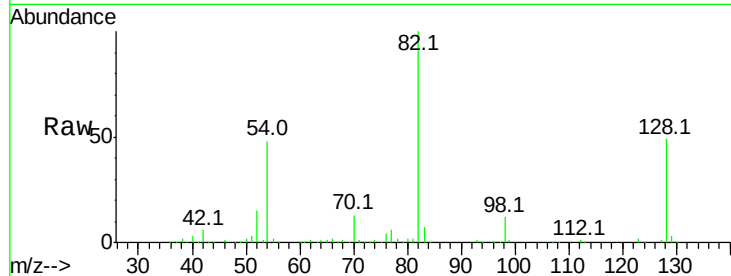
#23
Nitrobenzene-d5
Concen: 97.886 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	48.2	41.4	62.2

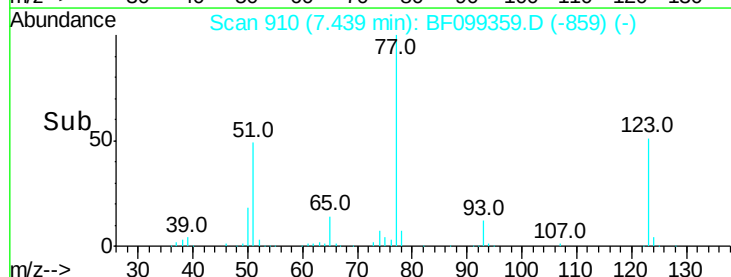
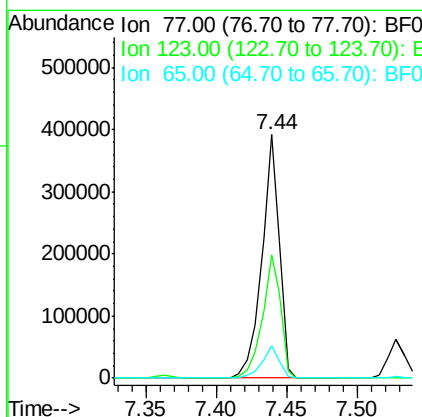
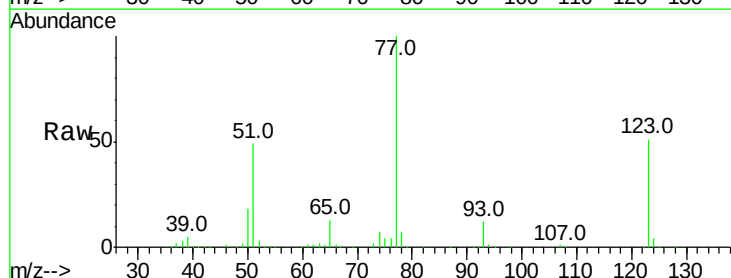
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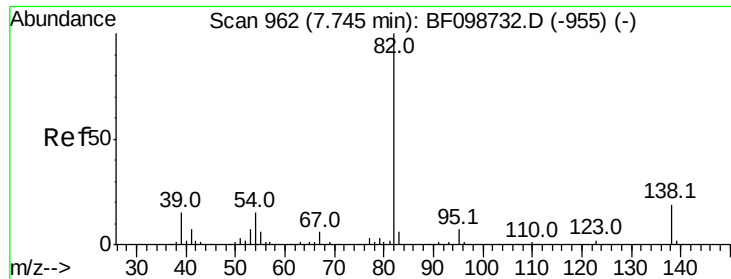
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#24
Nitrobenzene
Concen: 45.290 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 46.650 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

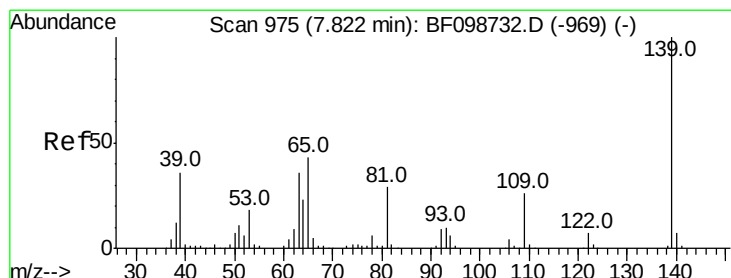
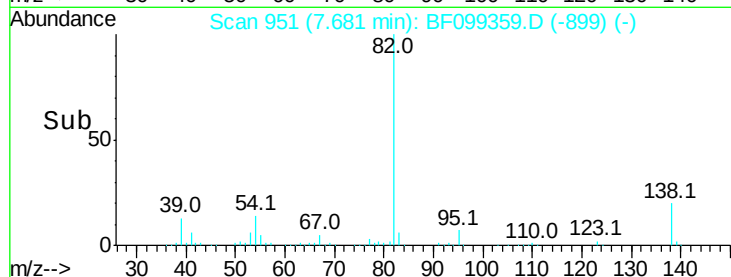
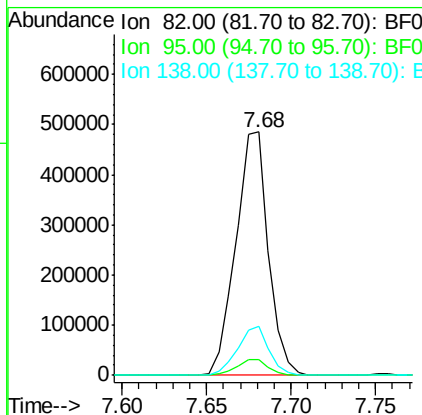
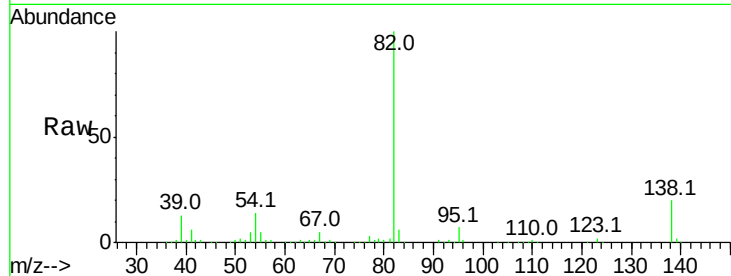
ClientSampleId :

SB-29BMSD

Tot Ion:	82	Resp:	651756
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	20.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.433 ng

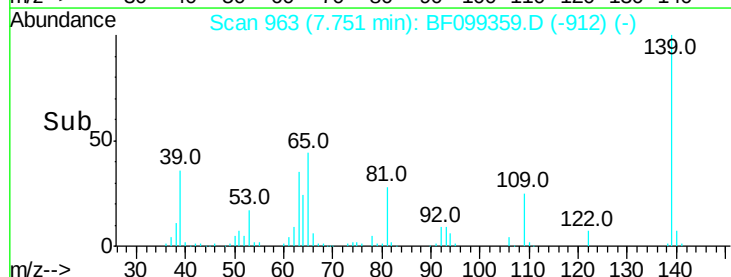
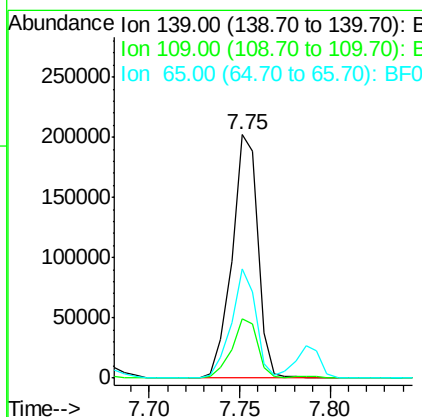
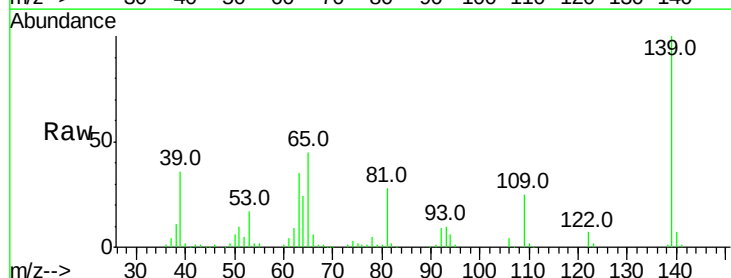
RT: 7.75 min Scan# 963

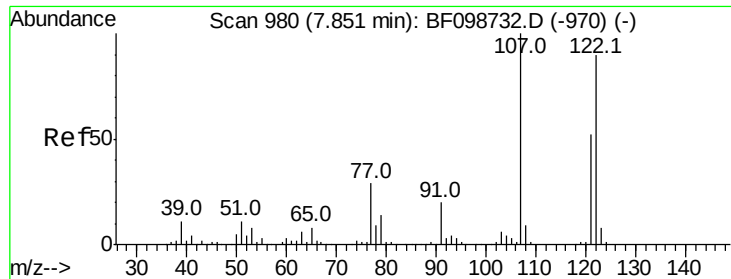
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	139	Resp:	200653
Ion Ratio	Lower	Upper	
139	100		
109	24.6	22.7	34.1
65	45.1	40.5	60.7





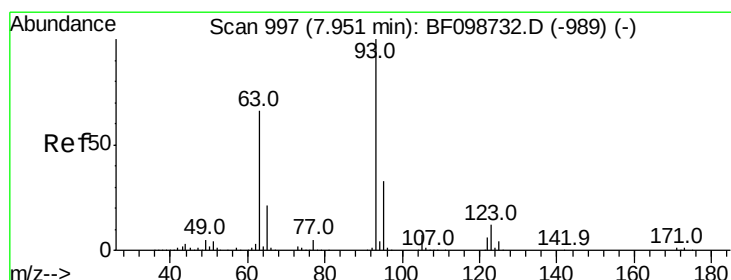
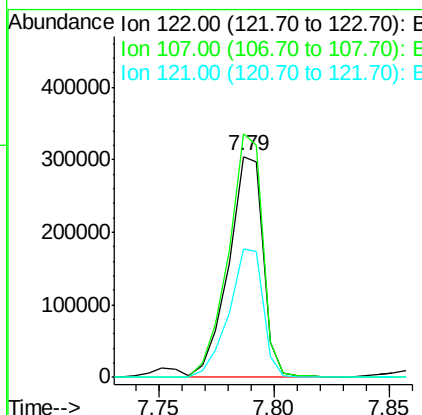
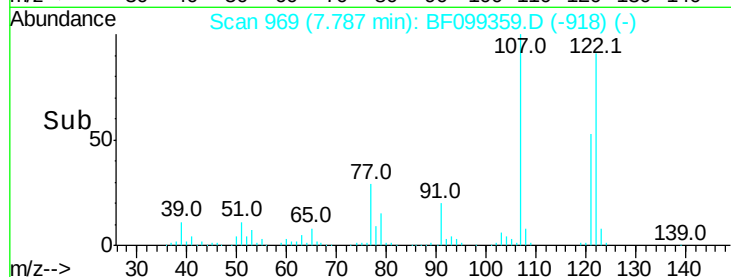
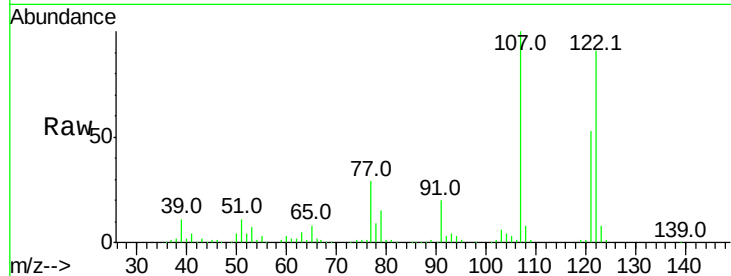
#27
2,4-Dimethylphenol
Concen: 45.432 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	91.2	136.8
121	58.1	47.2	70.8

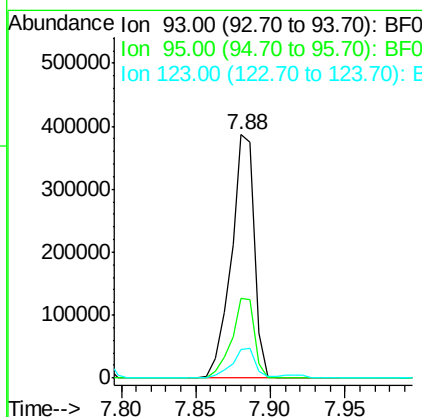
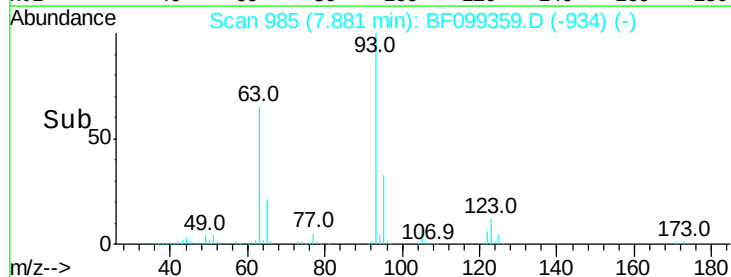
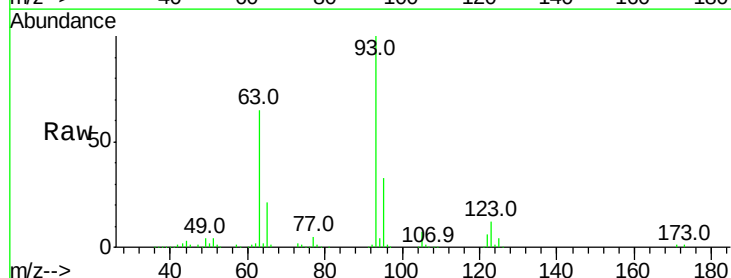
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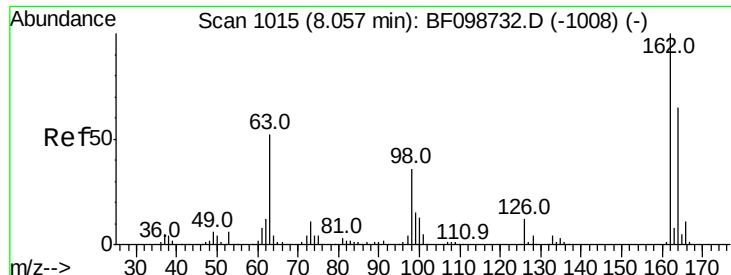
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 48.233 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

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





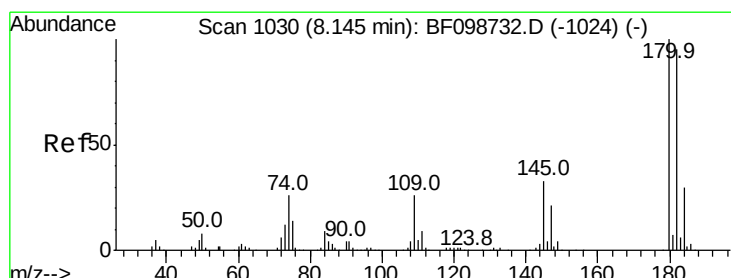
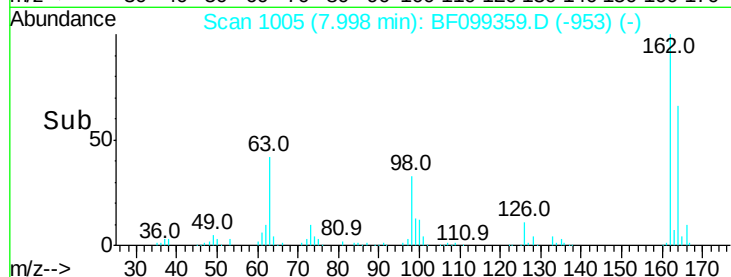
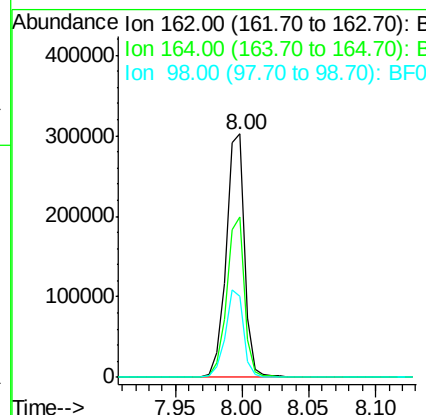
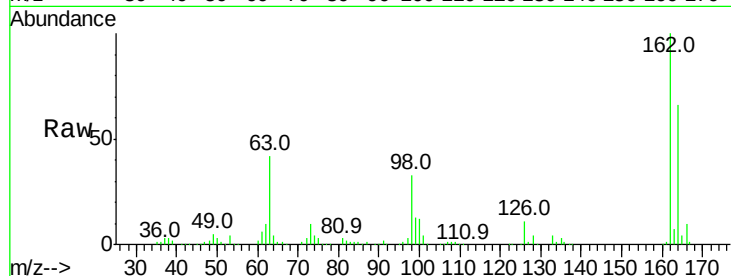
#29
2,4-Dichlorophenol
Concen: 49.776 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	42.7	82.7
98	33.1	18.1	58.1

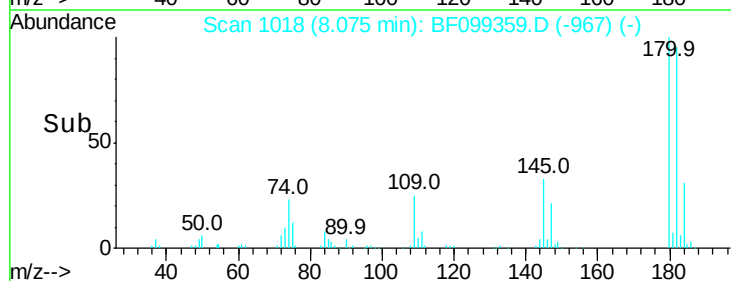
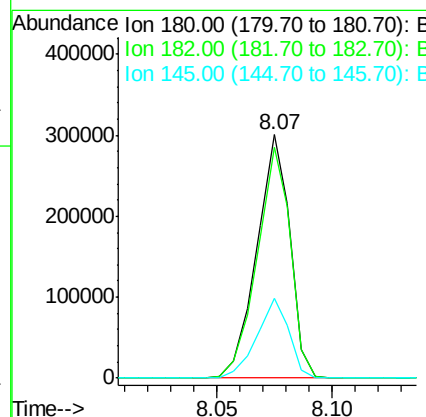
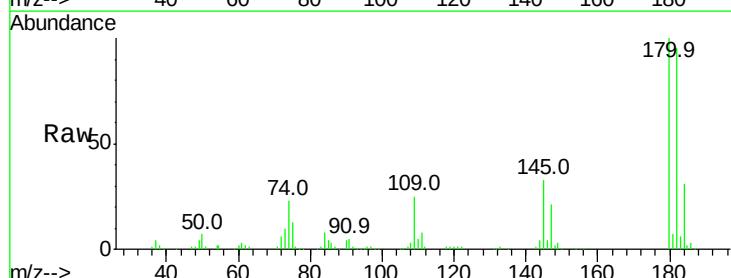
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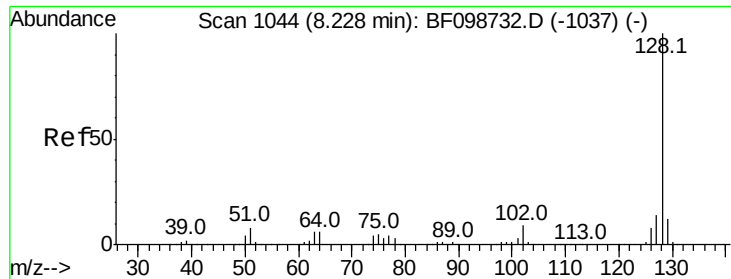
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 50.317 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	76.8	115.2
145	32.5	26.5	39.7





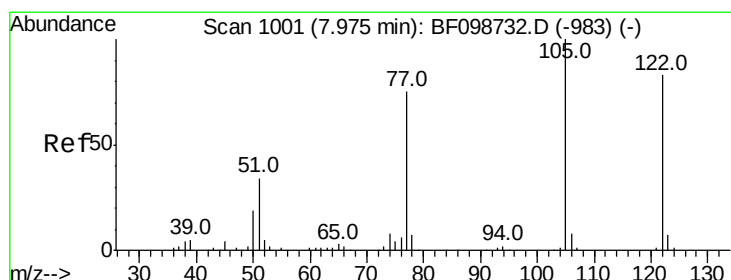
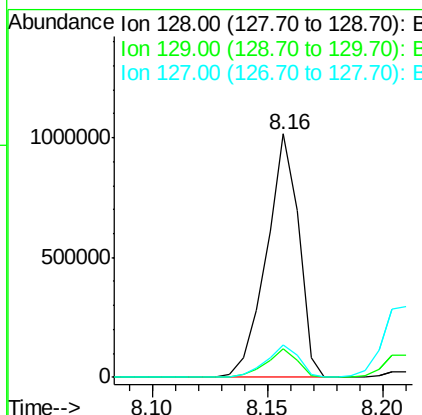
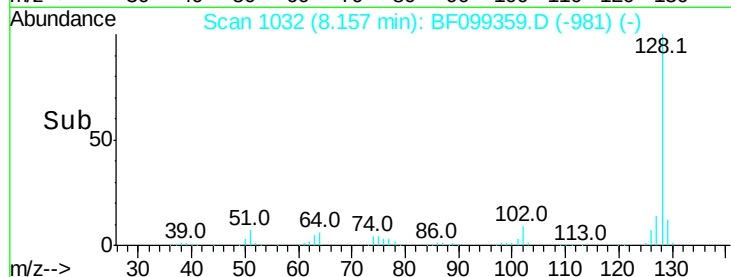
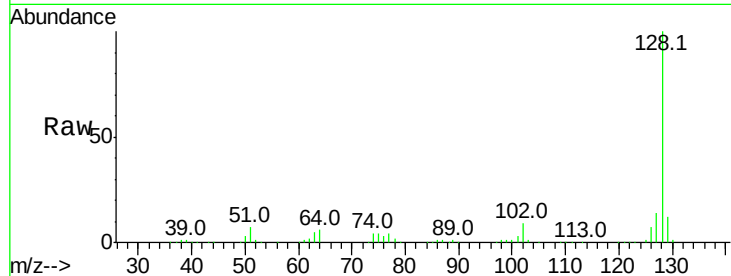
#31
Naphthalene
Concen: 48.337 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	983830		
129	11.6		8.8	13.2
127	13.5		10.9	16.3

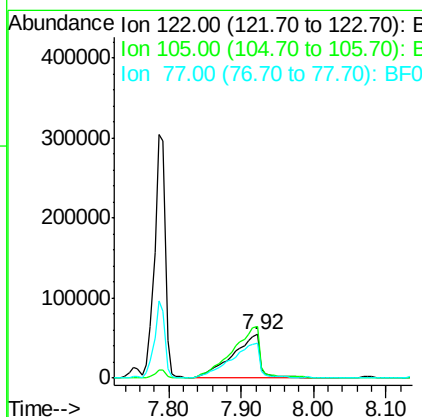
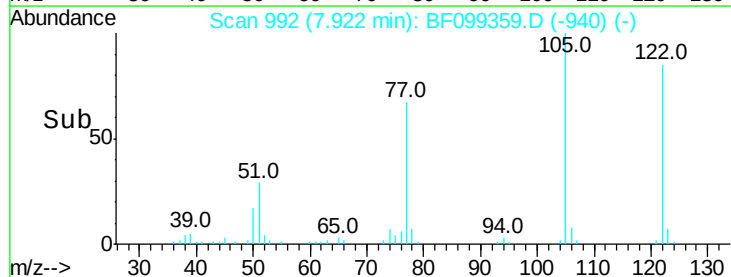
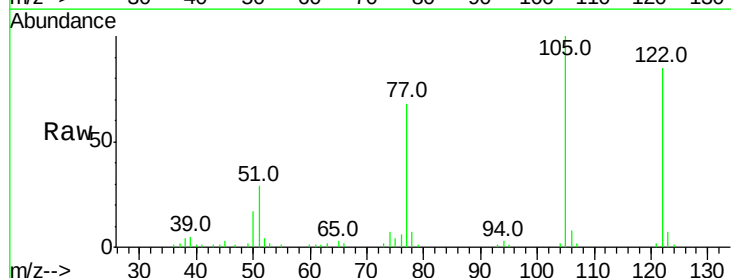
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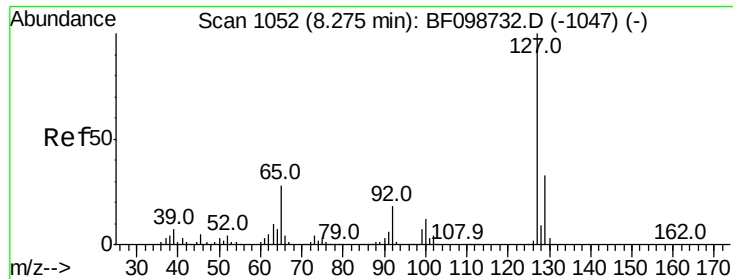
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#32
Benzoic acid
Concen: 25.487 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	145742		
105	117.2		101.1	141.1
77	79.8		70.7	110.7





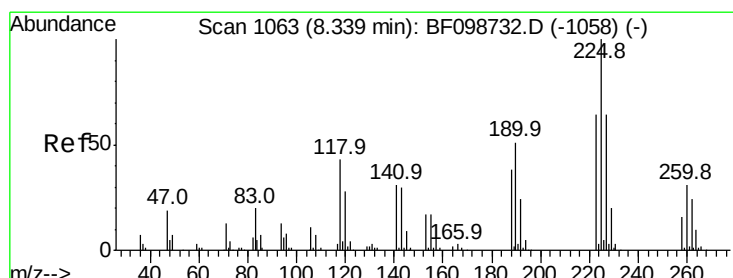
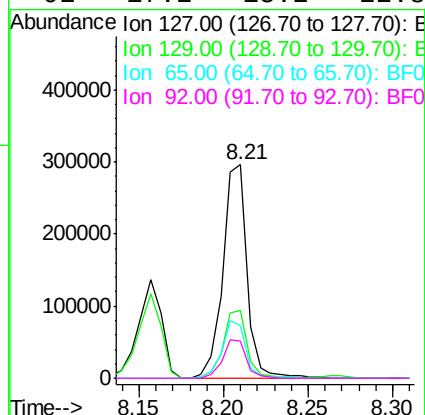
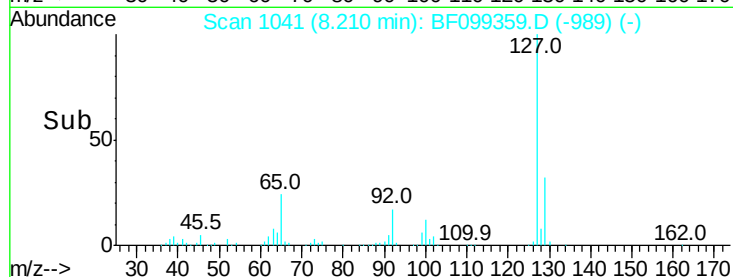
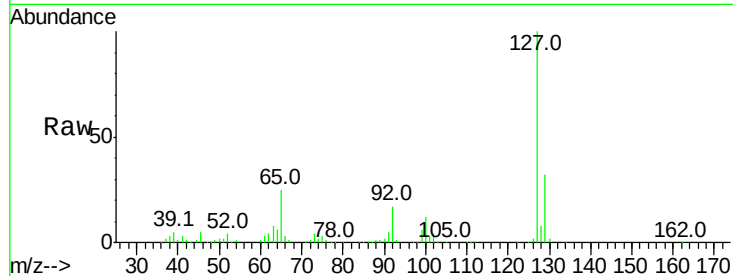
#33
4-Chloroaniline
Concen: 34.638 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	24.7	25.0	37.4	
92	17.2	15.2	22.8	

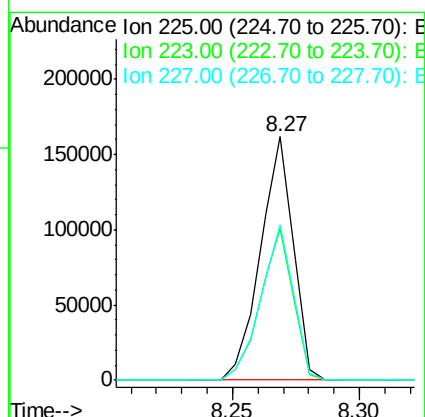
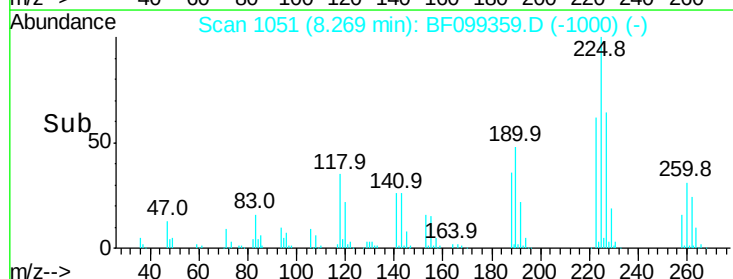
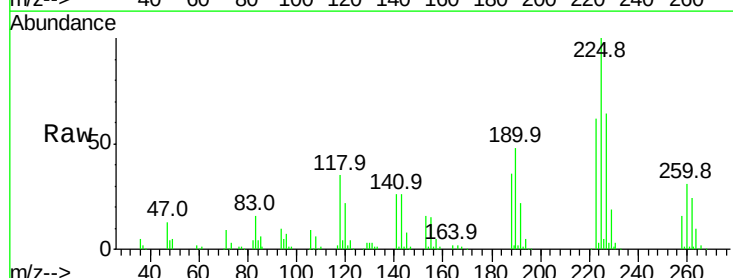
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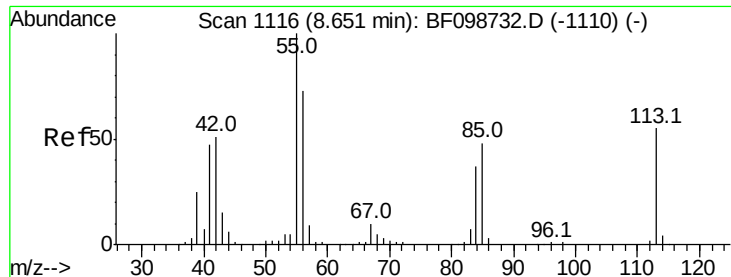
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#34
Hexachlorobutadiene
Concen: 47.574 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.6	76.0	
227	63.9	51.9	77.9	





#35

Caprolactam

Concen: 43.685 ng/ml

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

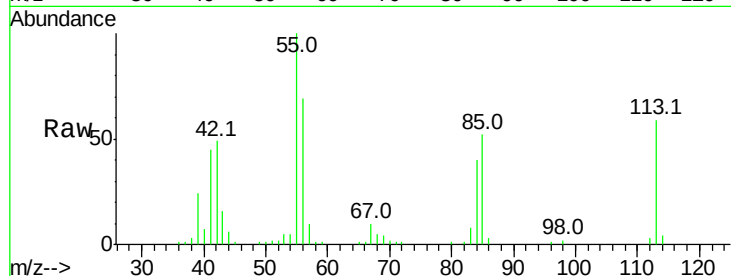
ClientSampleID :

SB-29BMSD

Tot Ion:	113	Resp:	83755
Ion Ratio	Lower	Upper	
113	100		
55	170.4	163.3	203.3
56	117.7	115.7	155.7

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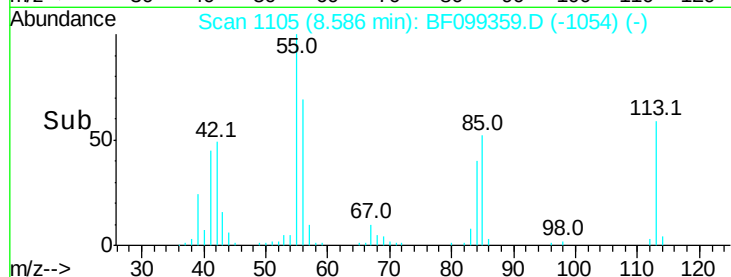


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

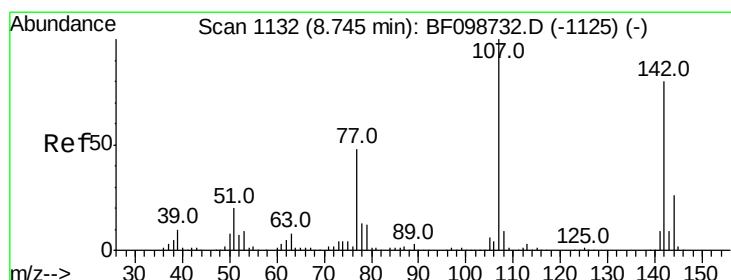
Ion 56.00 (55.70 to 56.70): BF0

Time-->



8.59

Time-->



#36

4-Chloro-3-methylphenol

Concen: 45.470 ng/ml

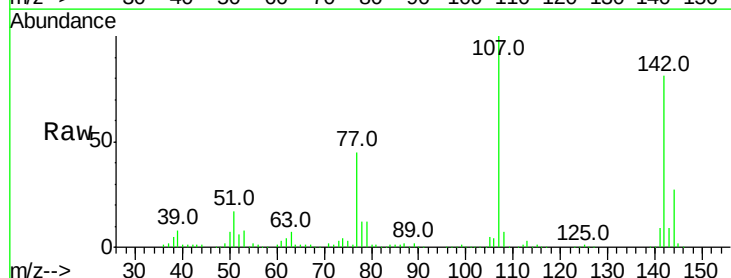
RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	107	Resp:	305471
Ion Ratio	Lower	Upper	
107	100		
144	26.7	20.5	30.7
142	80.8	62.0	93.0

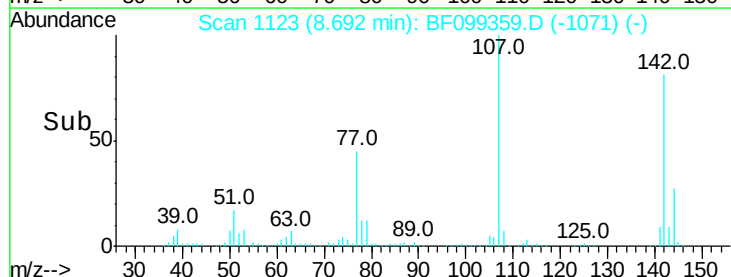


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

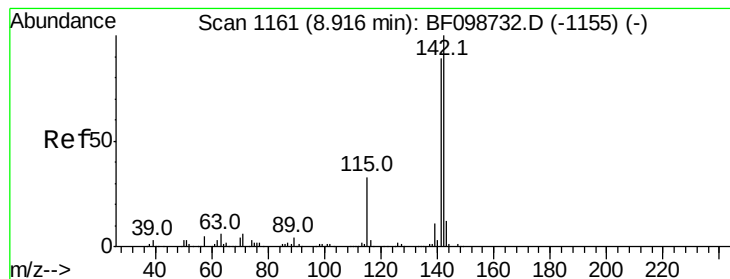
Ion 142.00 (141.70 to 142.70): E

Time-->



8.69

Time-->



#37

2-Methylnaphthalene

Concen: 50.504 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

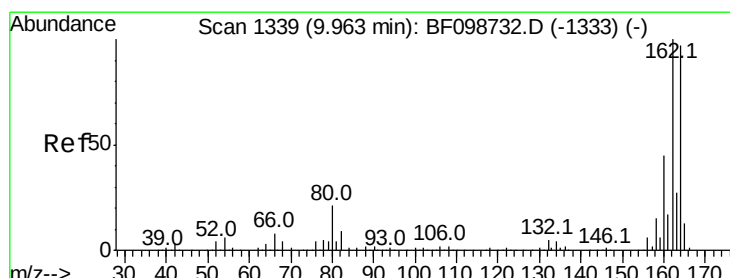
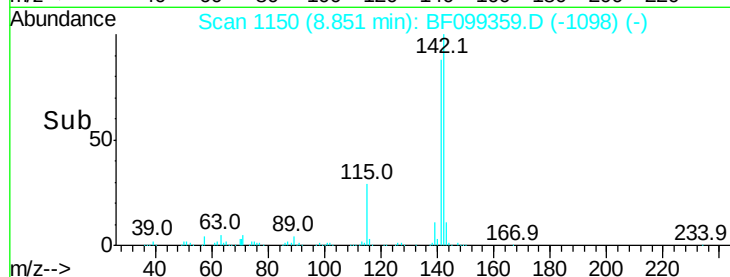
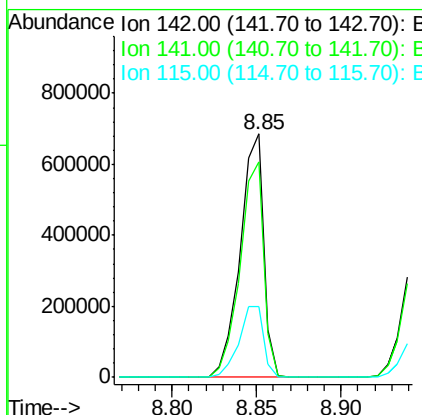
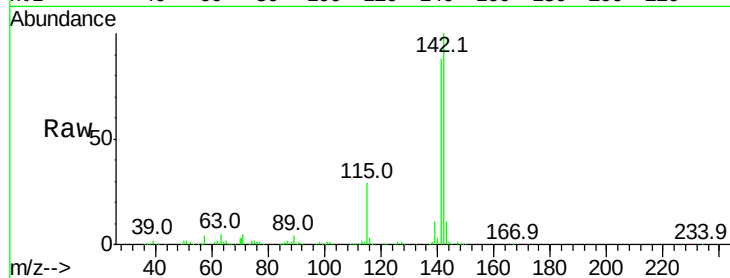
ClientSampled :

SB-29BMSD

Tot Ion:	142	Resp:	668235
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.8	106.2
115	29.3	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

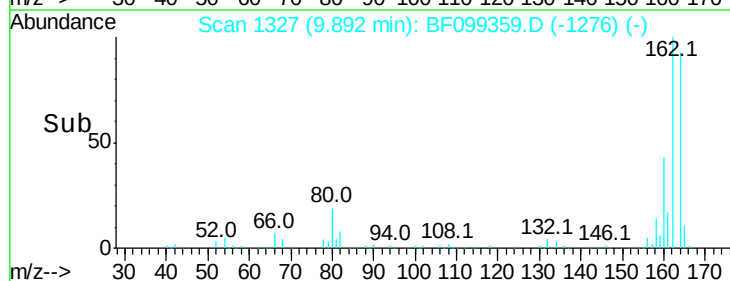
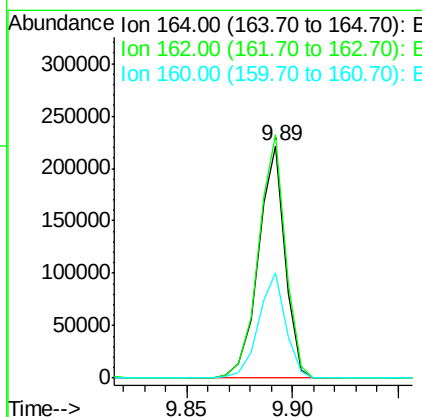
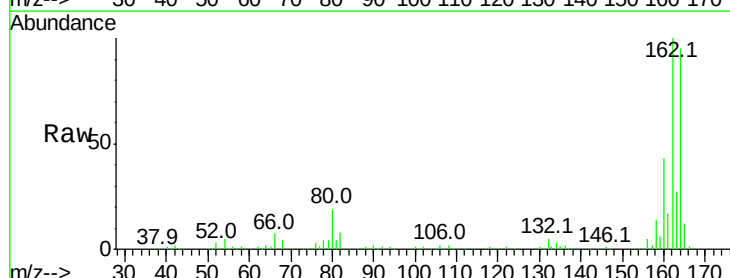
RT: 9.89 min Scan# 1327

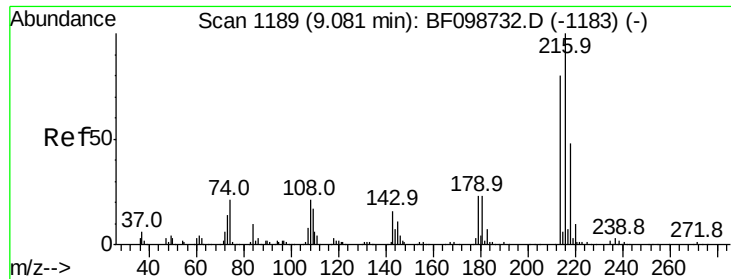
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	164	Resp:	193992
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	45.1	38.3	57.5





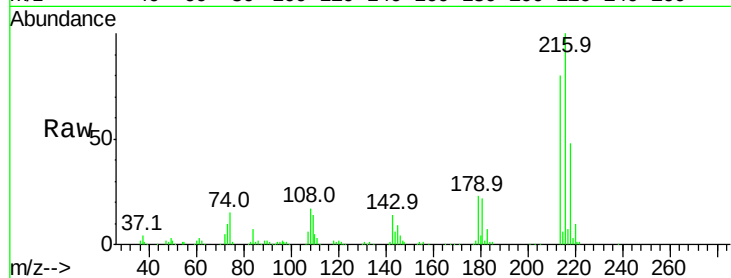
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.300 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

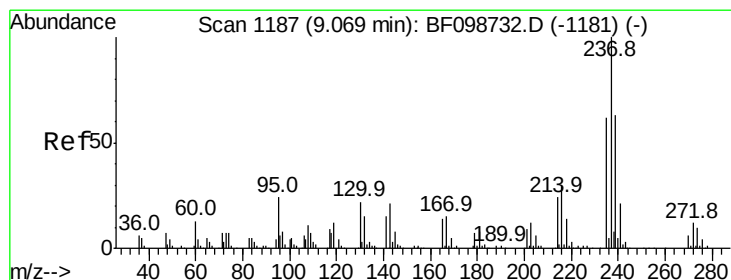
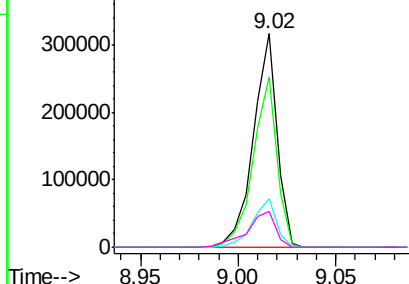
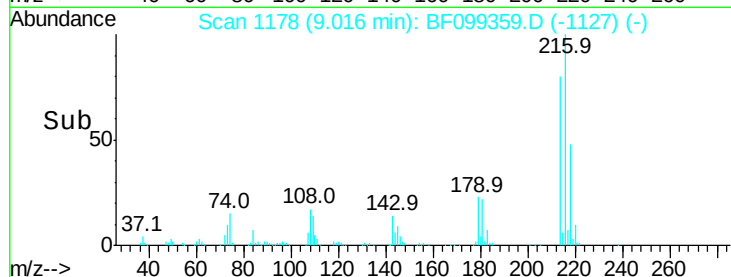
Tot Ion	Ratio	Resp	Lower	Upper
216	100	267866		
214	79.7	63.0	94.4	
179	22.5	18.1	27.1	
108	20.3	17.2	25.8	

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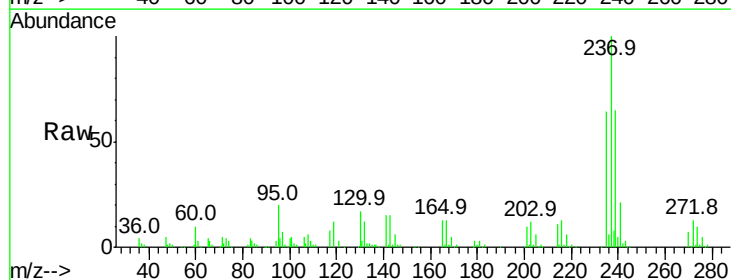


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

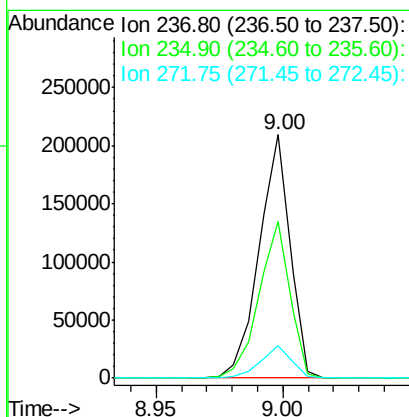
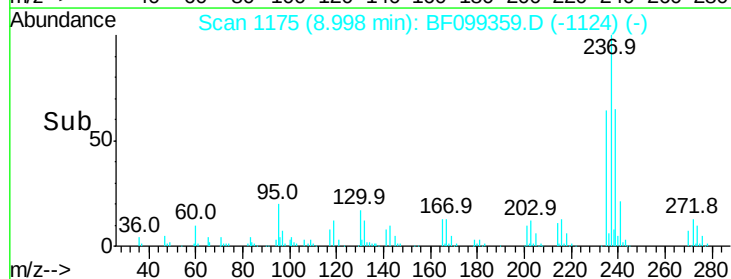


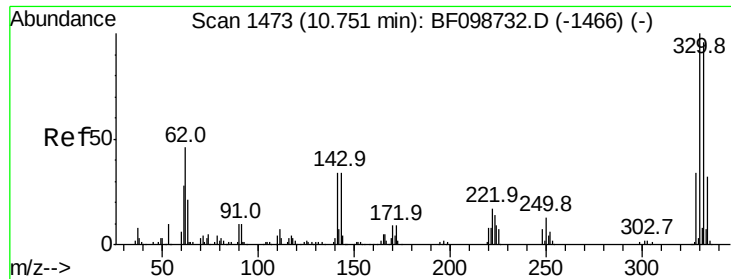
#40
 Hexachlorocyclopentadiene
 Concen: 67.795 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	179244		
235	64.3	44.8	84.8	
272	13.4	0.0	33.3	



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





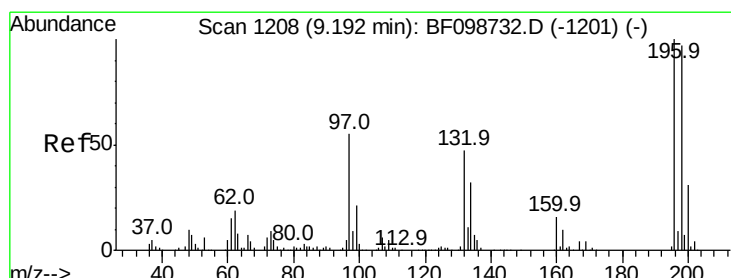
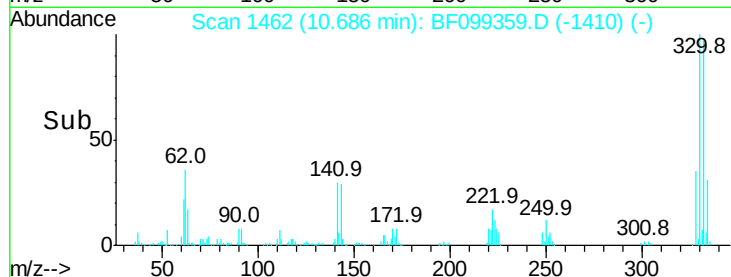
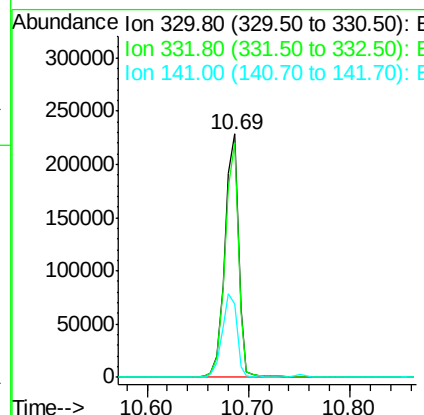
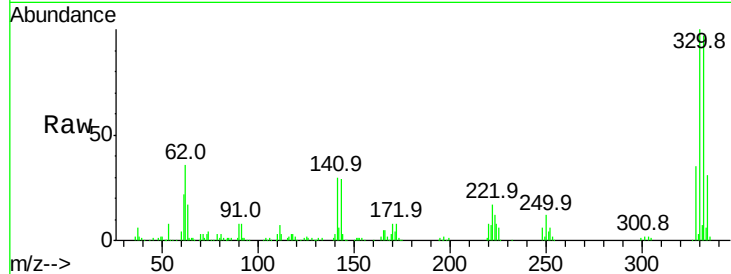
#41
 2,4,6-Tribromophenol
 Concen: 136.459 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216612		
332	95.7	77.0	115.6	
141	37.1	29.9	44.9	

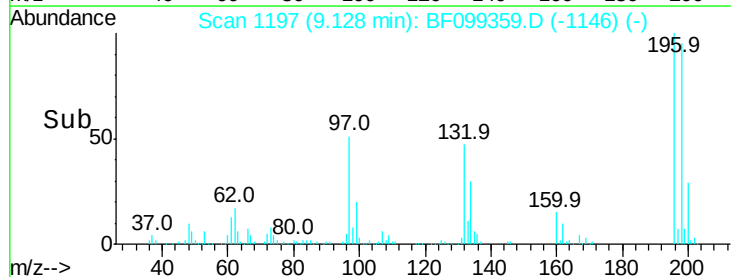
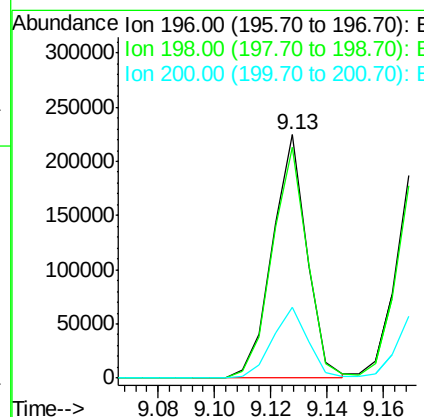
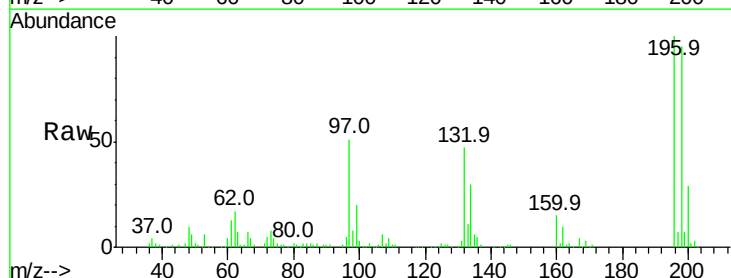
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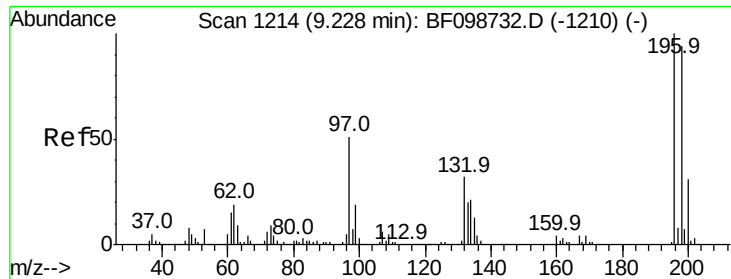
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#42
 2,4,6-Trichlorophenol
 Concen: 46.267 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189629		
198	95.0	75.7	113.5	
200	29.3	24.5	36.7	





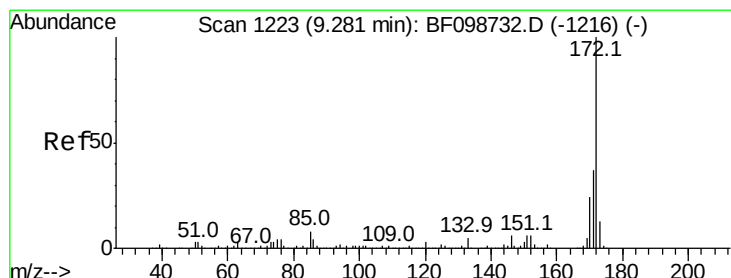
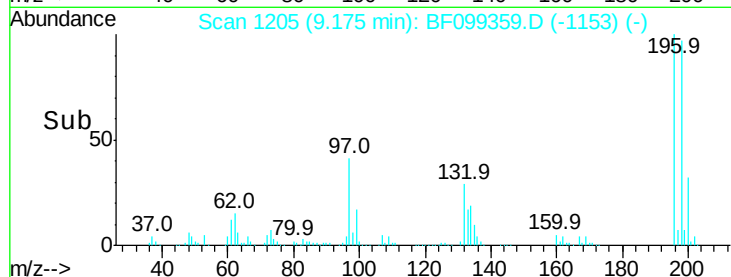
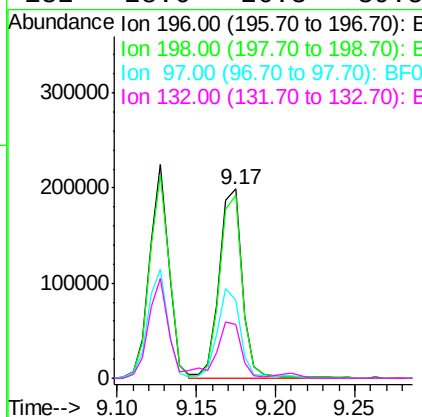
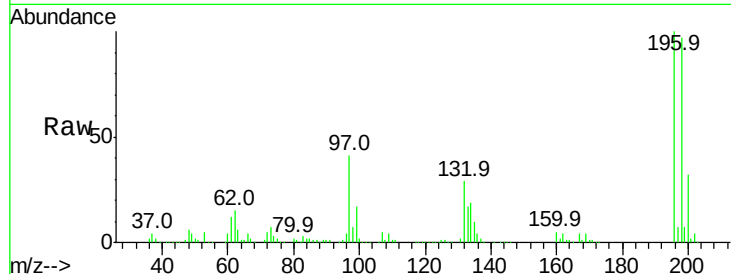
#43
2,4,5-Trichlorophenol
Concen: 48.895 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200047		
198	96.9		74.6	112.0
97	41.5		42.9	64.3#
132	28.6		26.3	39.5

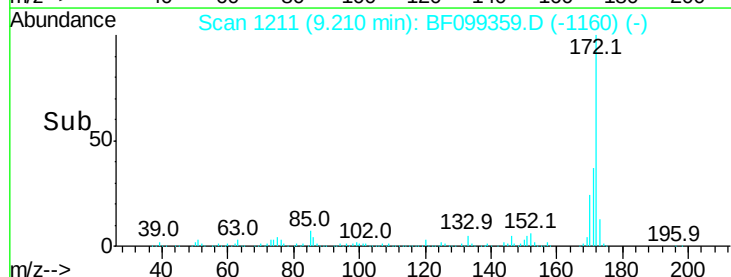
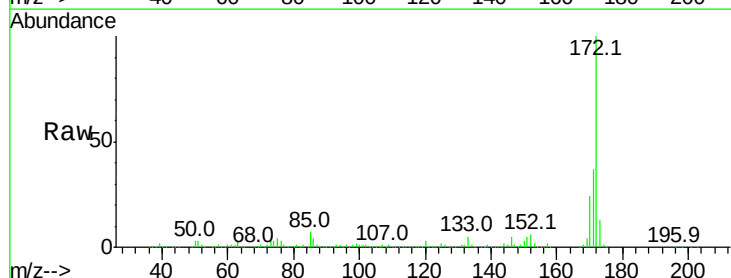
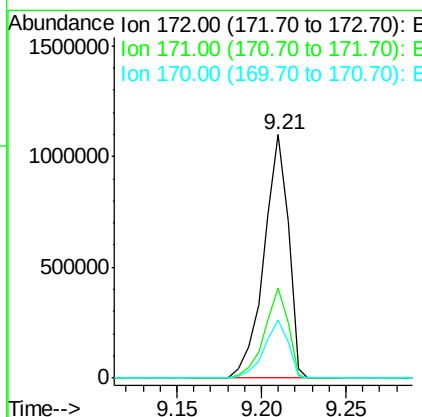
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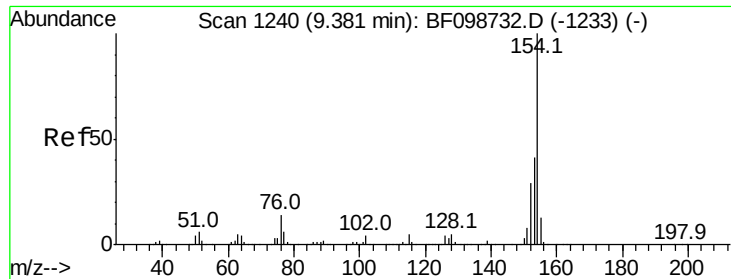
Sohil
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#44
2-Fluorobiphenyl
Concen: 94.089 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1093342		
171	36.7		29.7	44.5
170	23.6		19.6	29.4





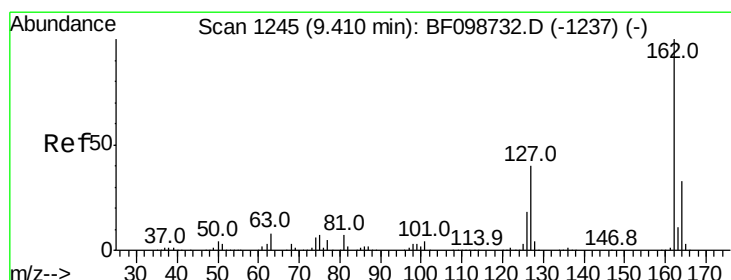
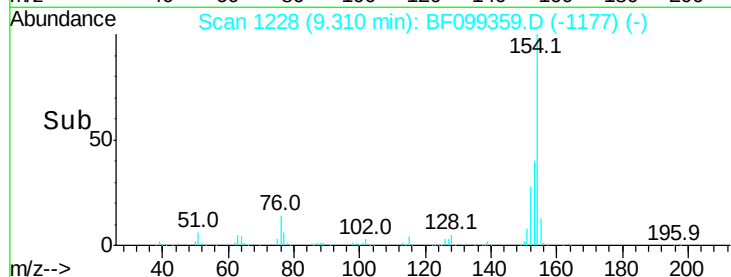
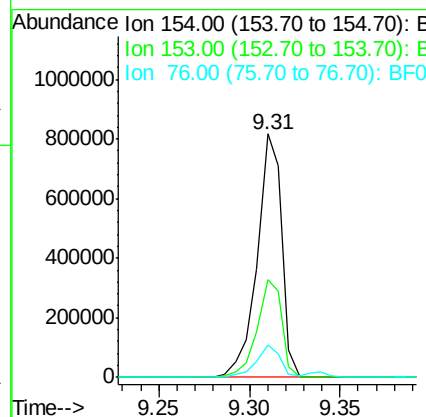
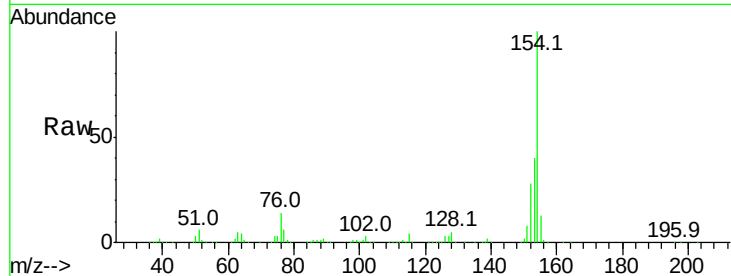
#45
1,1'-Biphenyl
Concen: 45.943 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	13.5	0.0	34.0	

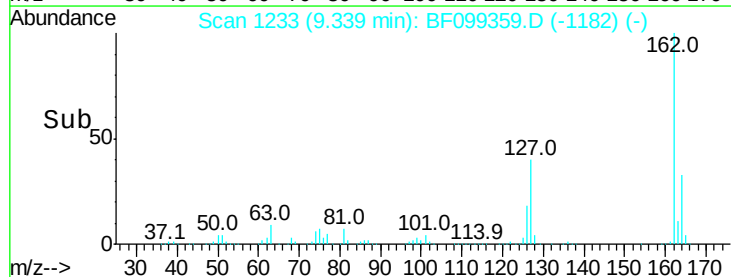
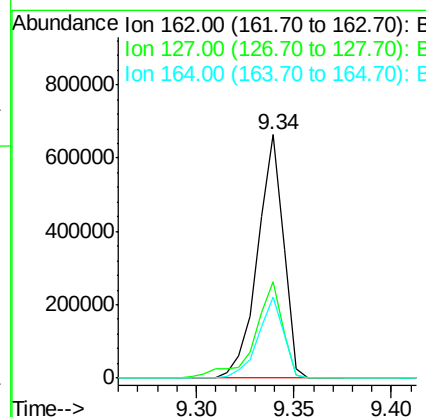
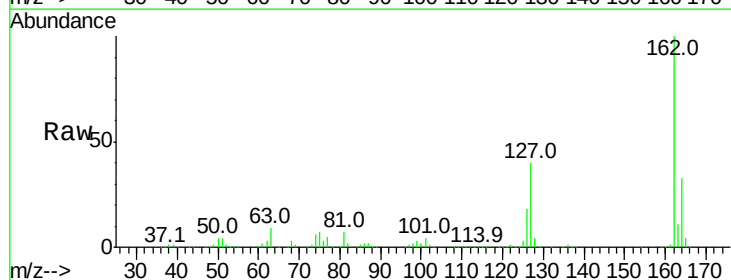
Manual Integrations
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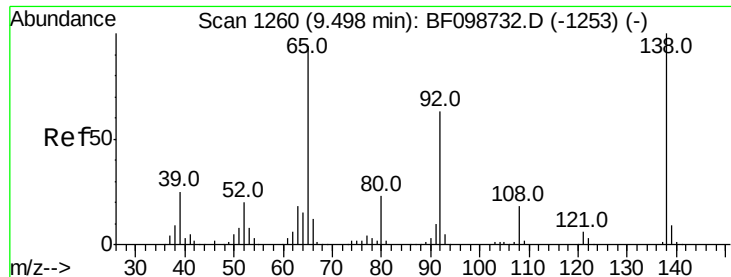
Sohil
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#46
2-Chloronaphthalene
Concen: 48.731 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	33.9	50.9	
164	33.5	26.5	39.7	





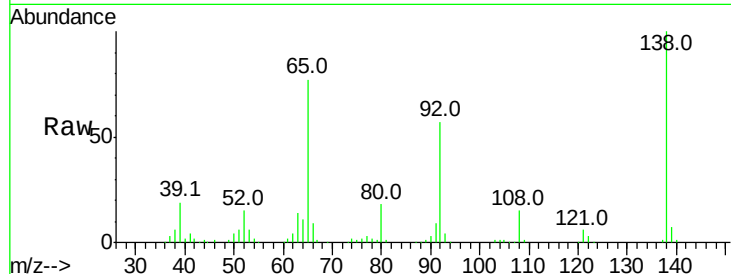
#47
2-Nitroaniline
Concen: 45.834 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

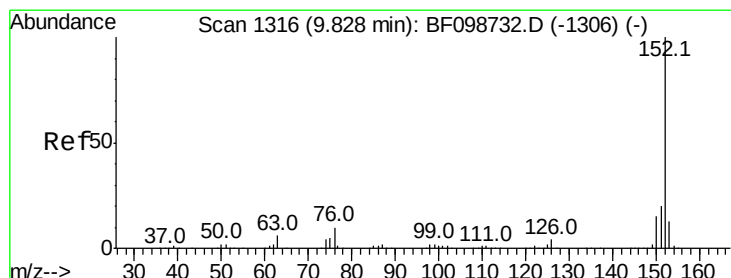
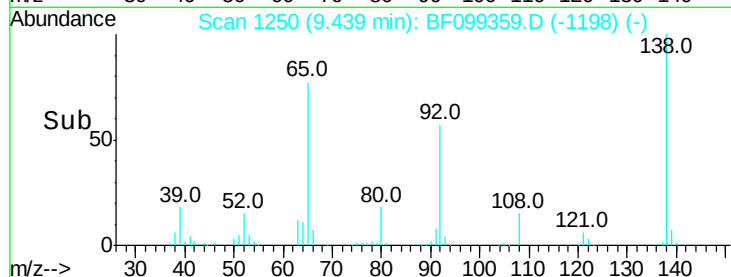
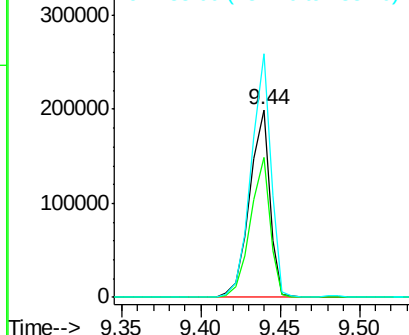
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.5	55.8	83.6
138	129.7	91.2	136.8

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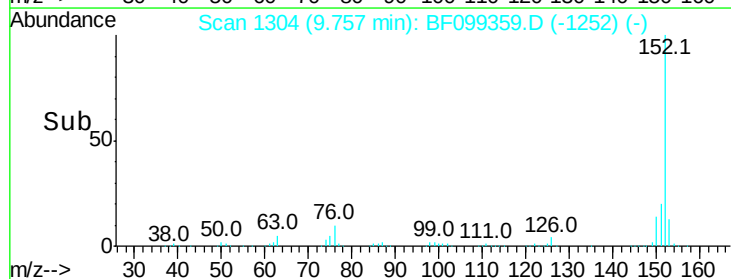
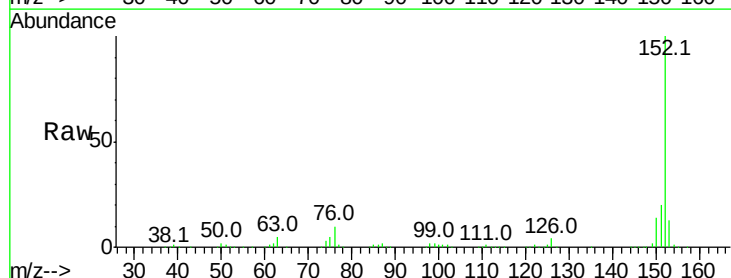
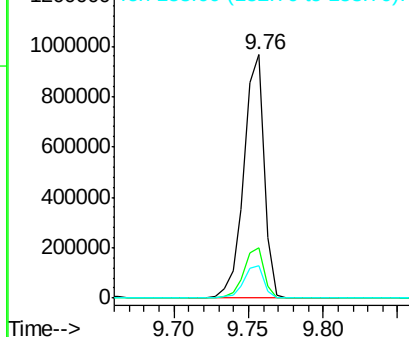
Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

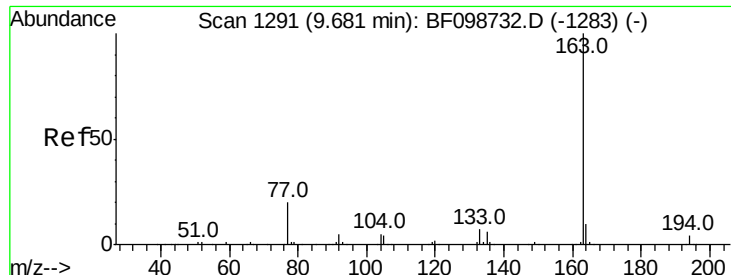


#48
Acenaphthylene
Concen: 47.592 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





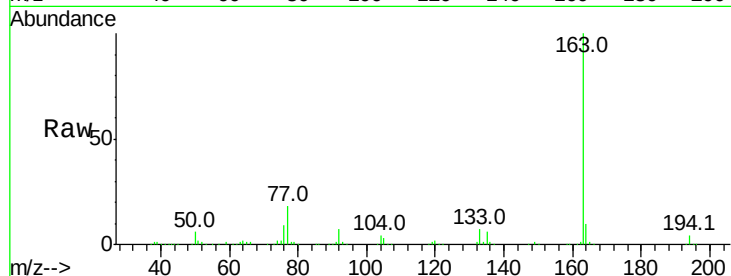
#49
Dimethylphthalate
Concen: 57.605 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

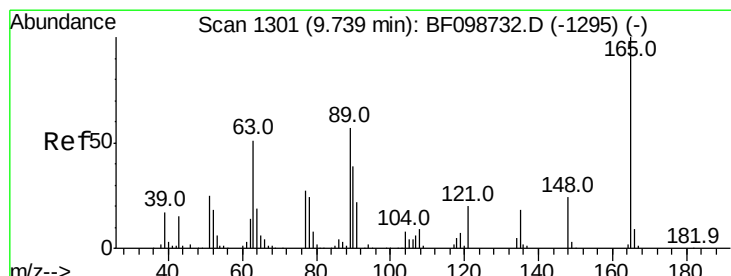
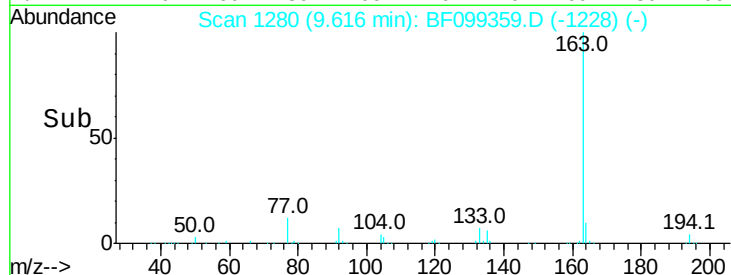
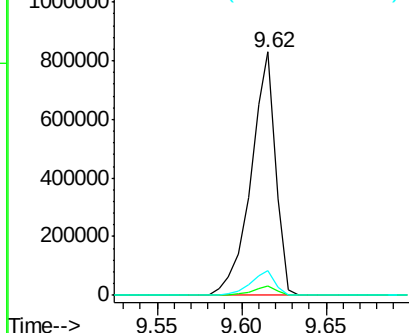
Tot Ion	163	Resp	843421
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

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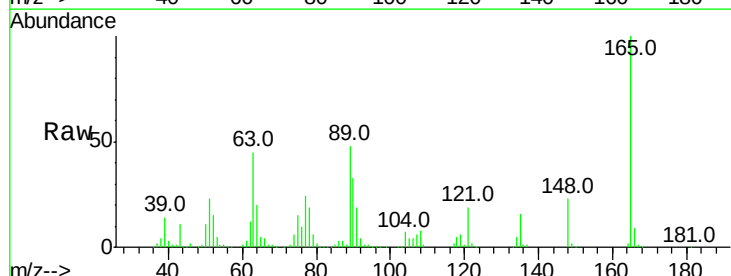


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

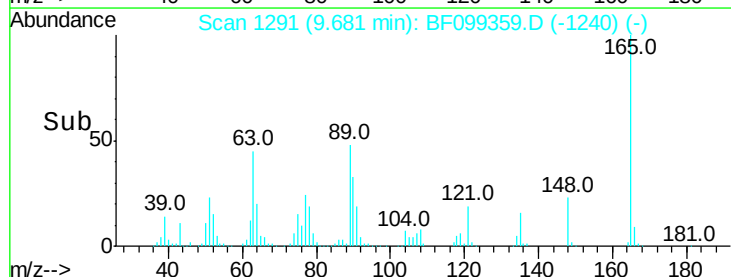
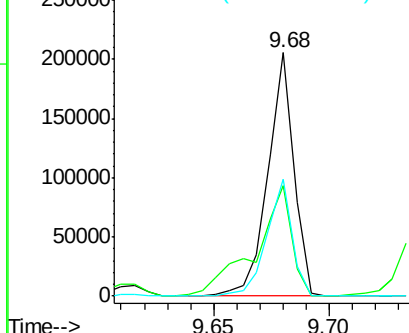


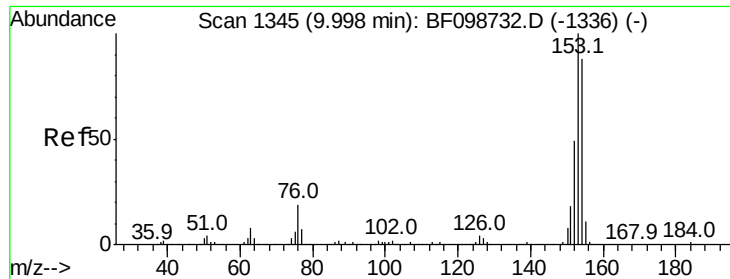
#50
2,6-Dinitrotoluene
Concen: 50.537 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	165	Resp	161090
Ion Ratio	Lower	Upper	
165	100		
63	45.2	44.7	67.1
89	48.1	44.0	66.0



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





#51

Acenaphthene

Concen: 43.720 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

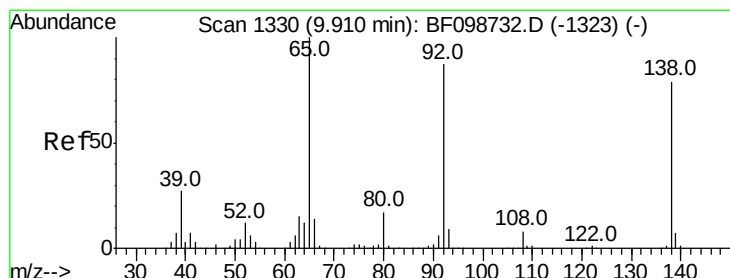
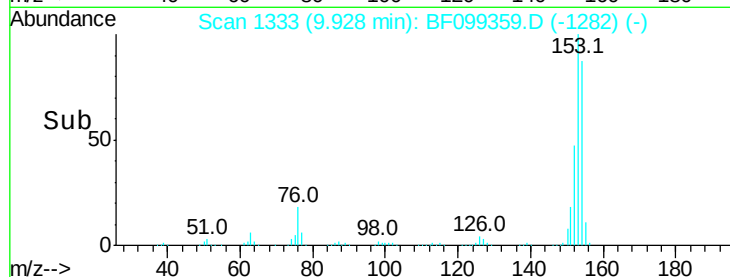
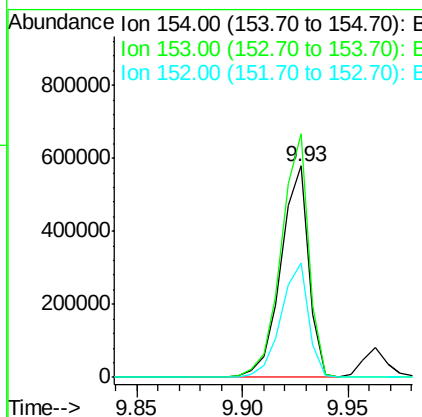
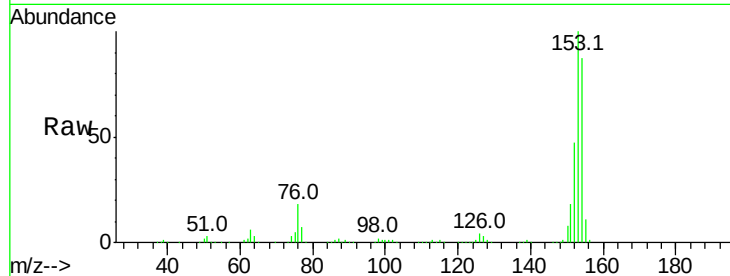
ClientSampleId :

SB-29BMSD

Tot Ion:	154	Resp:	530707
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	54.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 38.738 ng

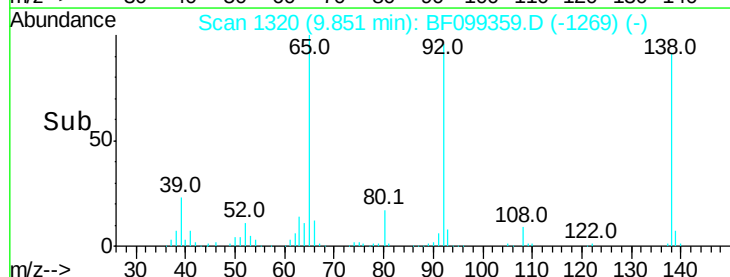
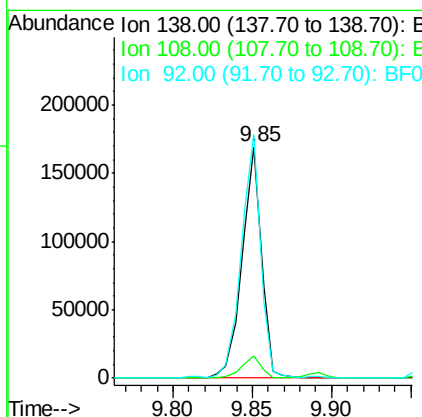
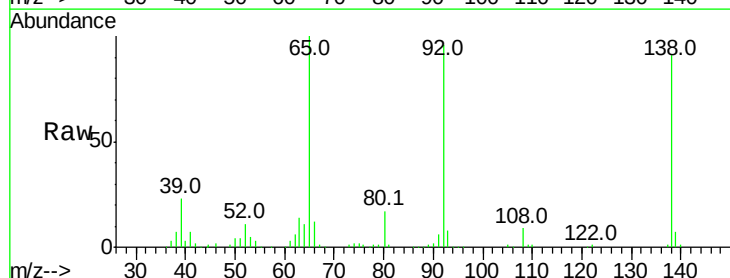
RT: 9.85 min Scan# 1320

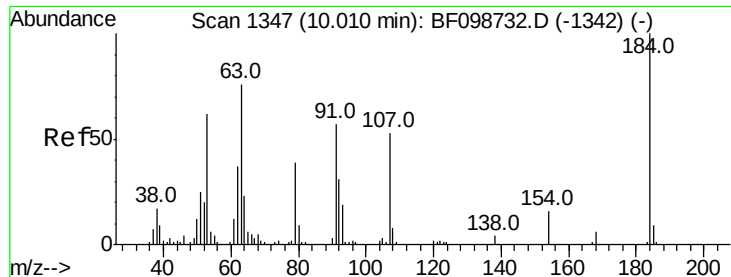
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	138	Resp:	143976
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	105.5	89.4	134.2





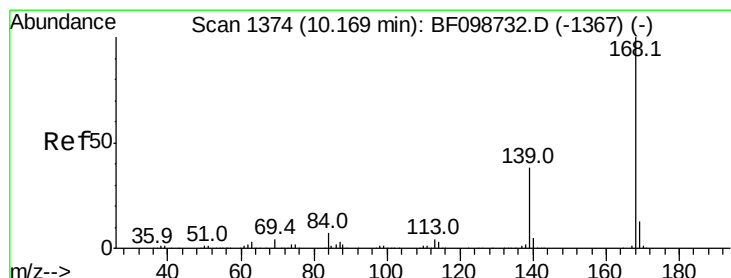
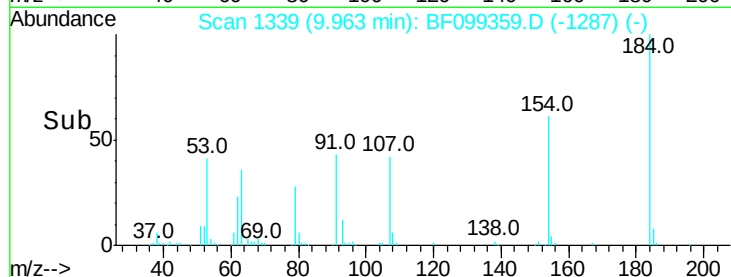
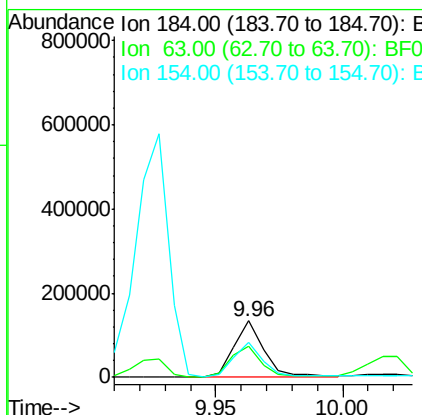
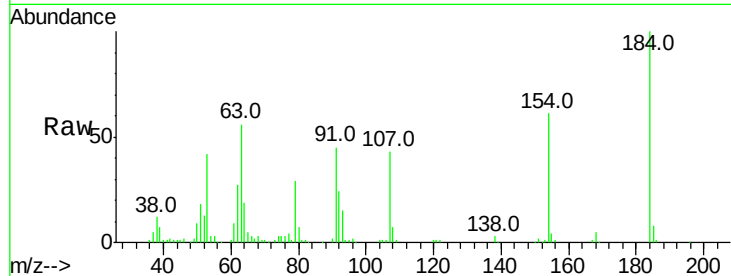
#53
2,4-Dinitrophenol
Concen: 68.675 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112491		
63	56.0	54.2	81.2	
154	61.0	53.5	80.3	

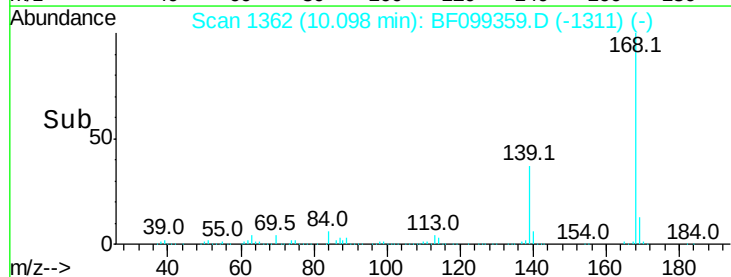
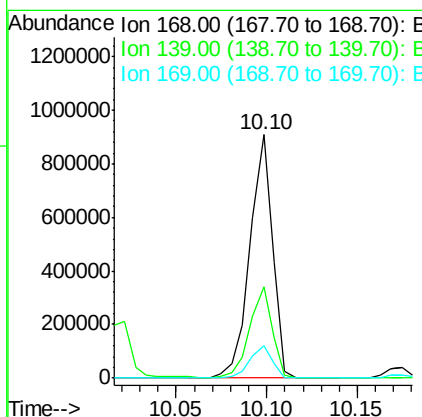
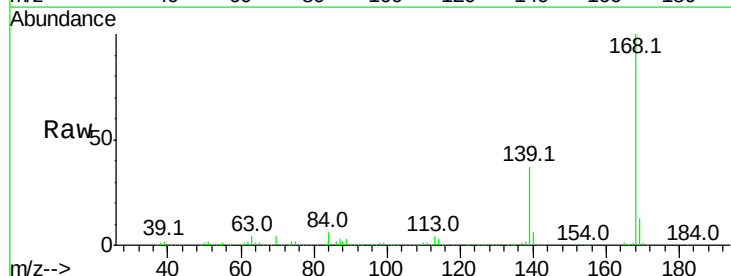
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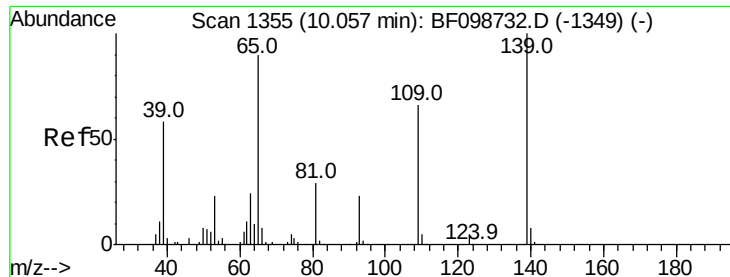
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#54
Dibenzofuran
Concen: 48.873 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	789911		
139	37.4	30.1	45.1	
169	13.4	10.9	16.3	





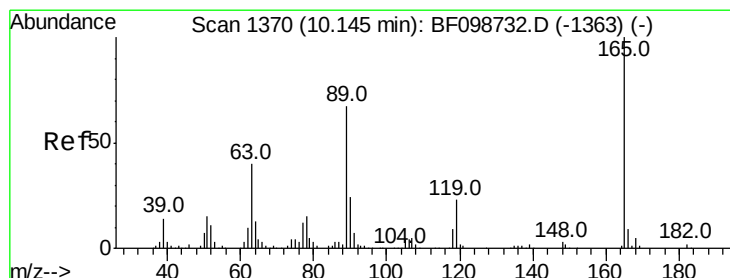
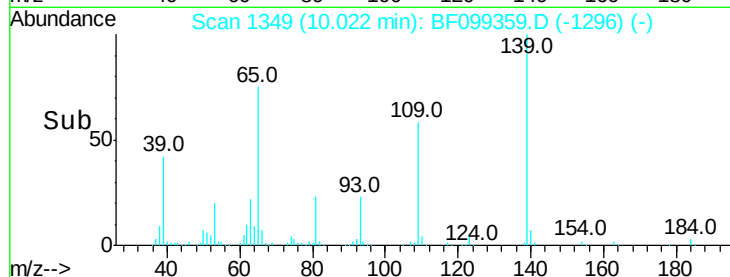
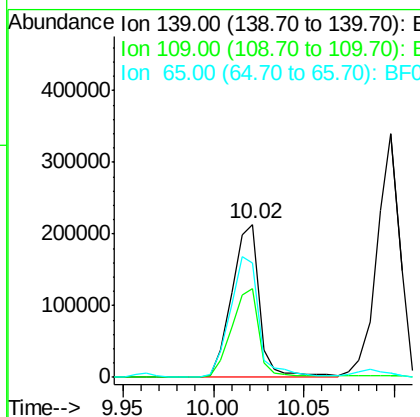
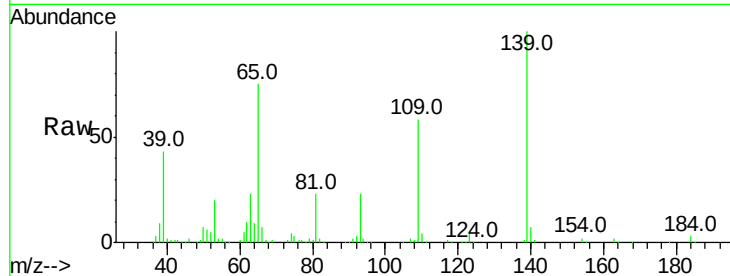
#55
4-Nitrophenol
Concen: 72.696 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	228462		
109	57.7	48.4	88.4	
65	74.7	72.6	112.6	

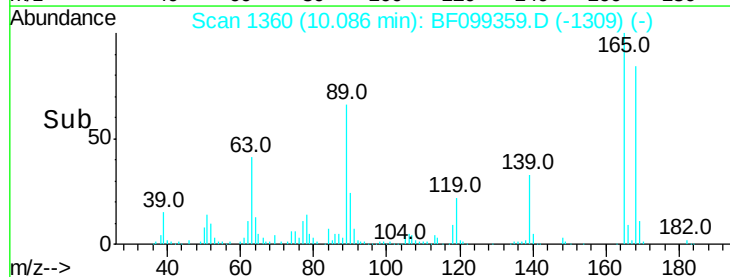
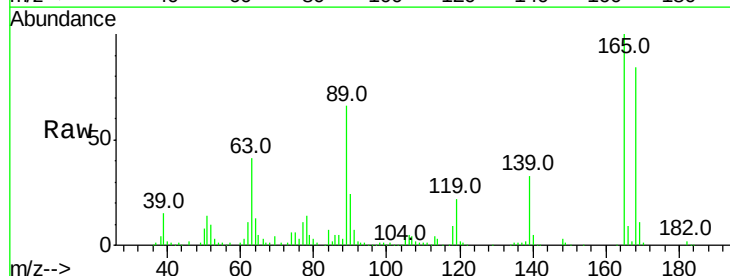
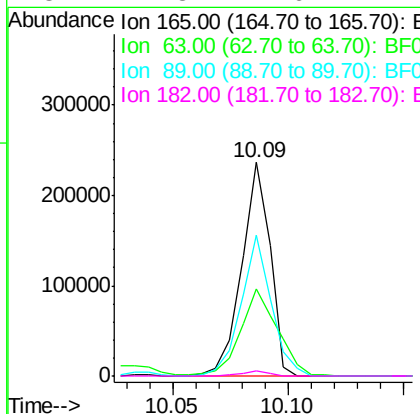
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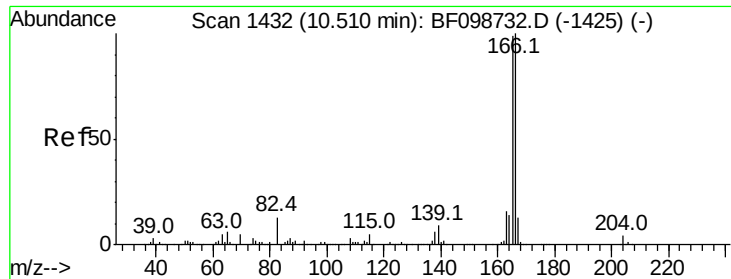
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.231 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203661		
63	40.8	36.4	54.6	
89	66.1	57.8	86.6	
182	2.3	1.6	2.4	





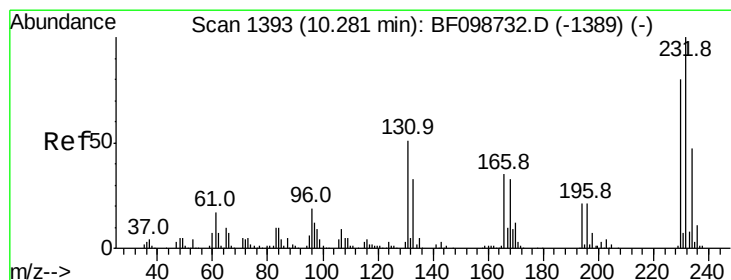
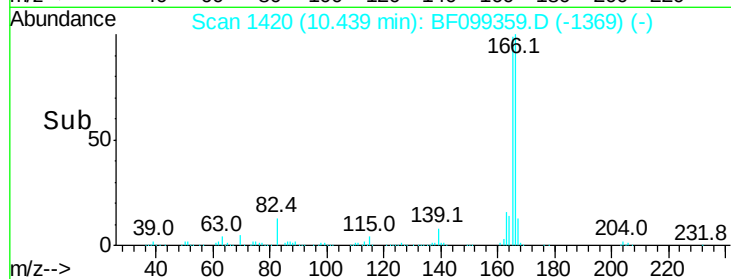
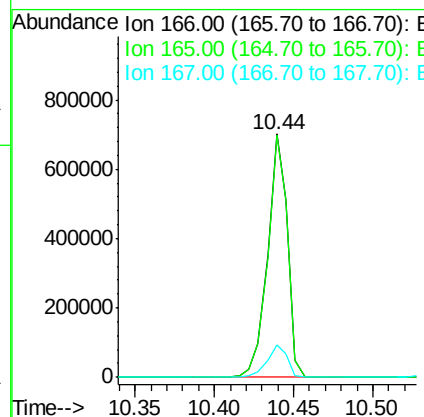
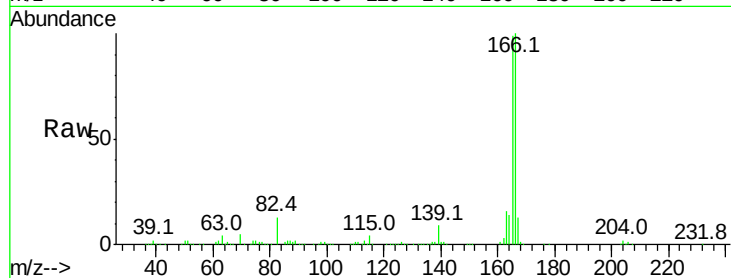
#57
 Fluorene
 Concen: 47.426 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.3	10.6	16.0

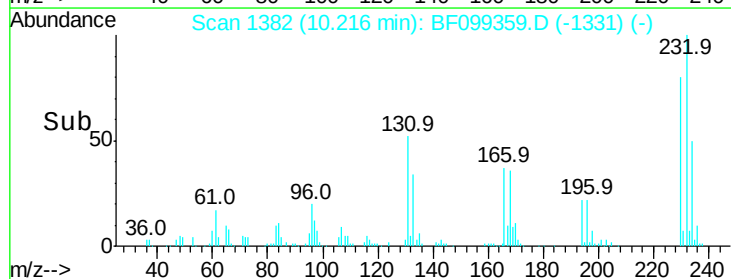
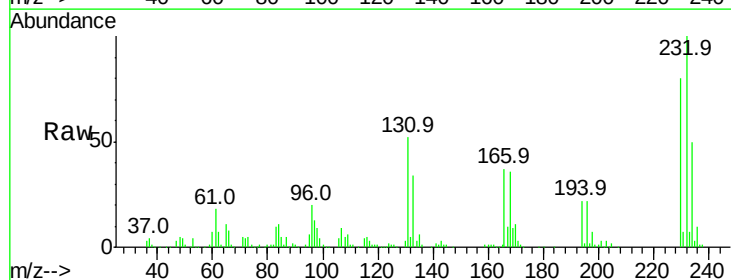
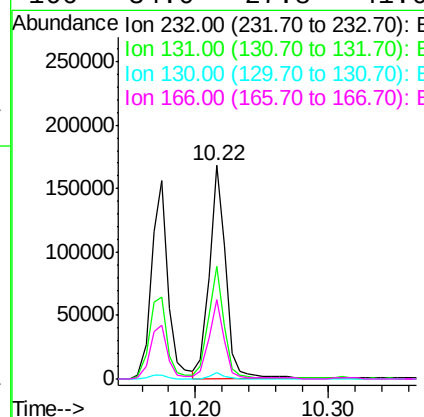
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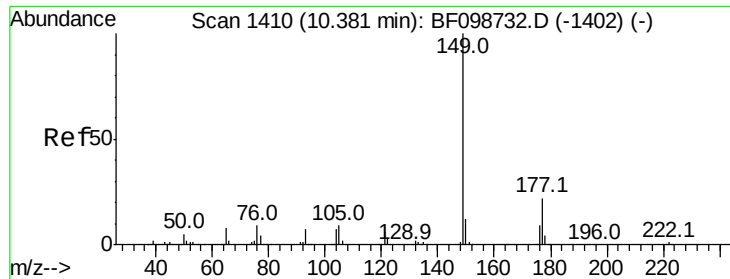
Sohil
 10/13/2017 12:07:19 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.931 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.1	43.8	65.8
130	2.4	2.1	3.1
166	34.0	27.8	41.6





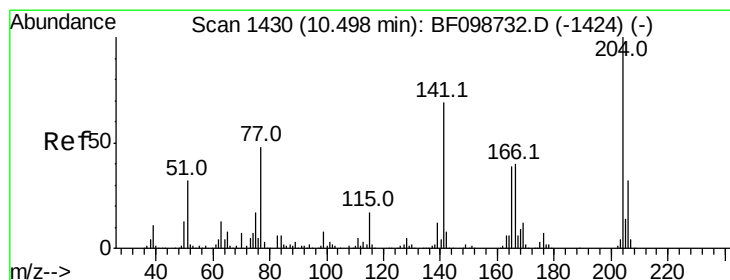
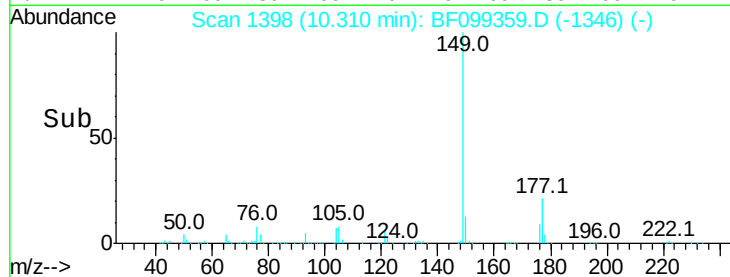
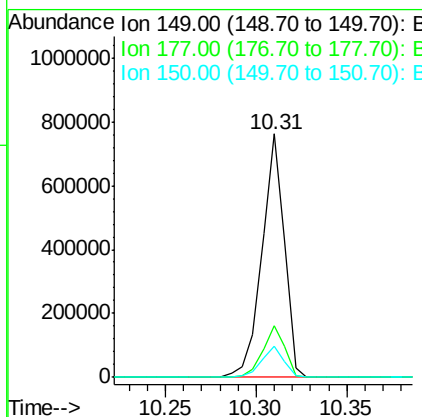
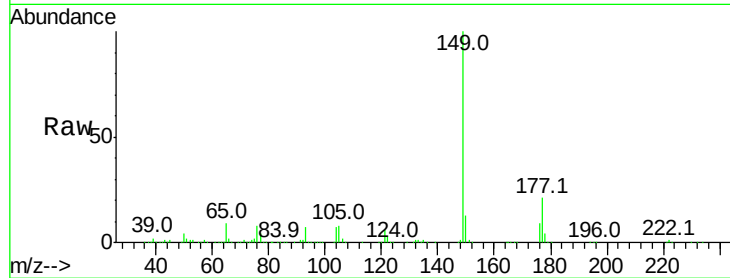
#59
Diethylphthalate
Concen: 45.777 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.7	10.1	15.1

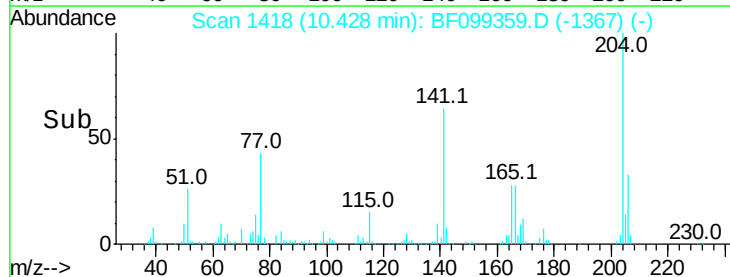
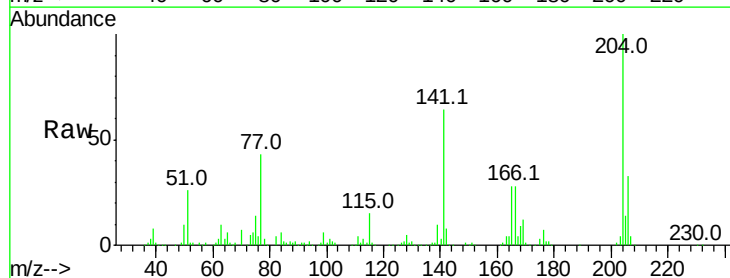
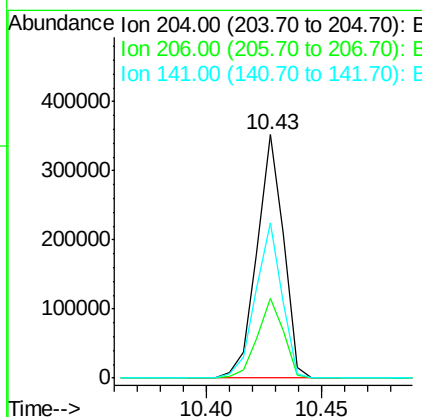
Manual Integrations
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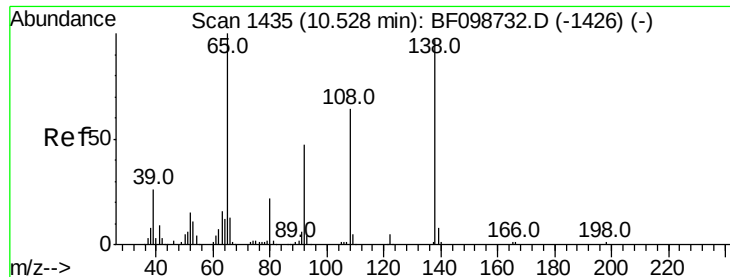
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.534 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	63.7	54.6	81.8





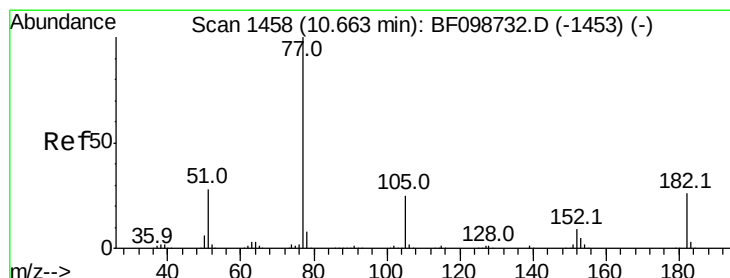
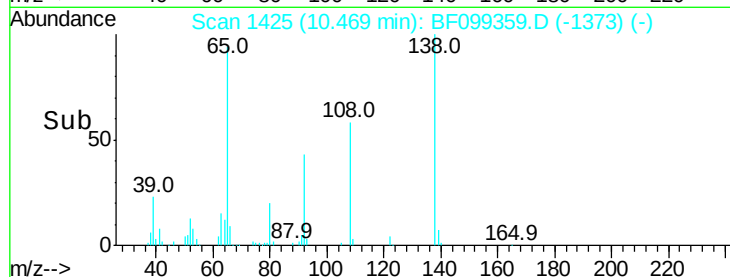
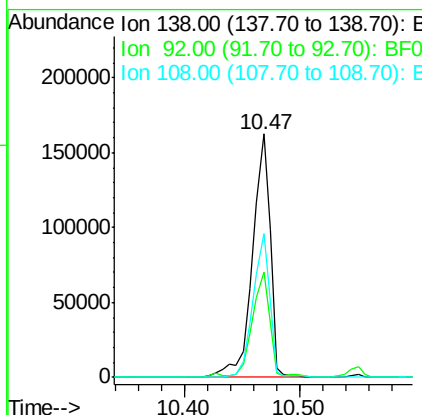
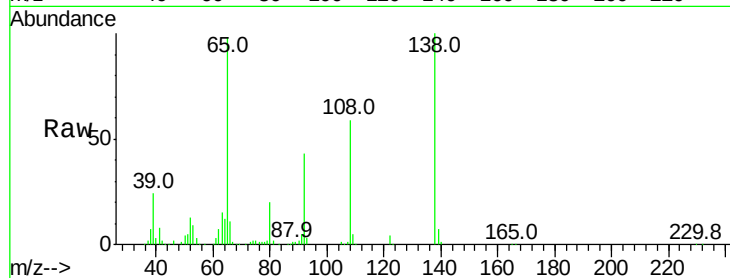
#61
4-Nitroaniline
Concen: 48.553 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	30.2	70.2
108	59.1	52.5	92.5

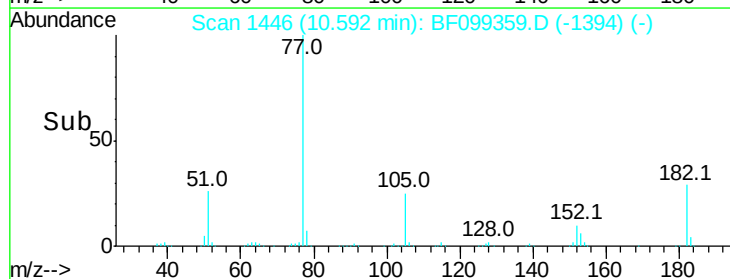
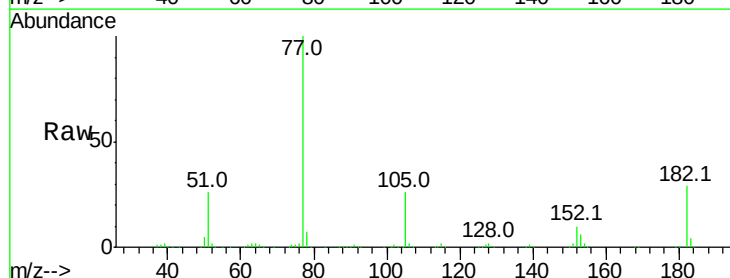
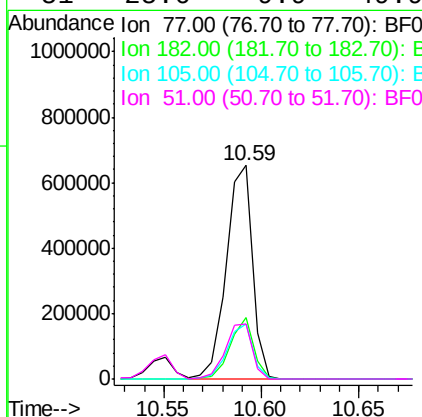
Manual Integrations
APPROVED

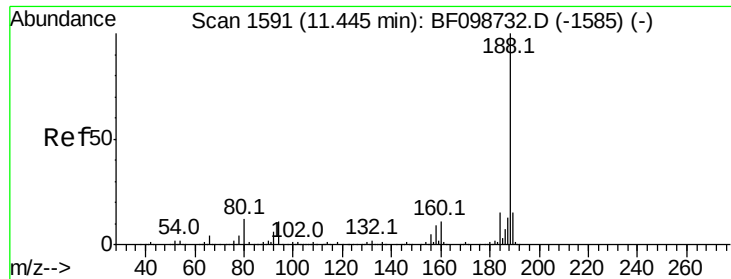
Sohil
10/13/2017 12:07:19 PM



#62
Azobenzene
Concen: 46.083 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	25.7	3.0	43.0
51	25.6	9.9	49.9





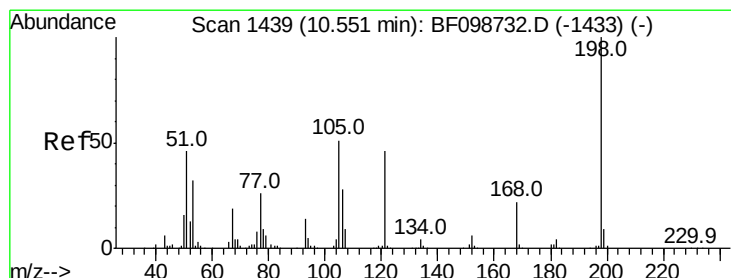
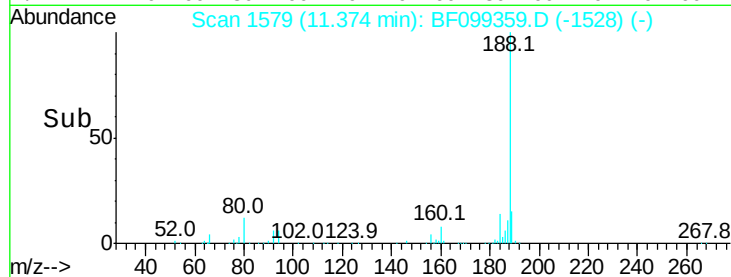
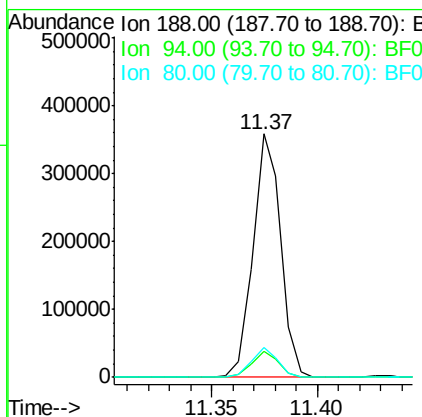
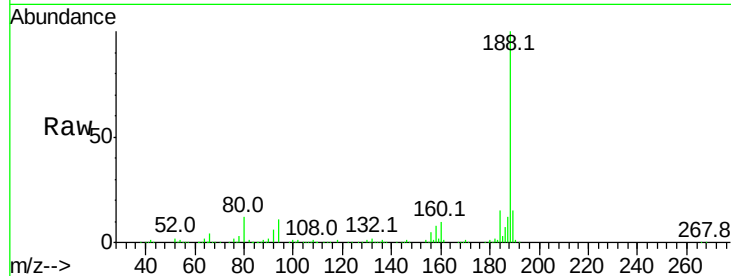
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.8	8.5	12.7
80	12.3	9.2	13.8

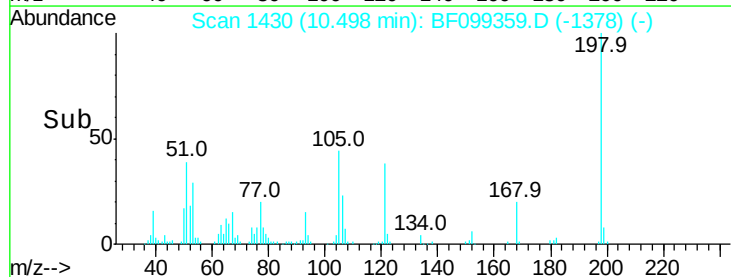
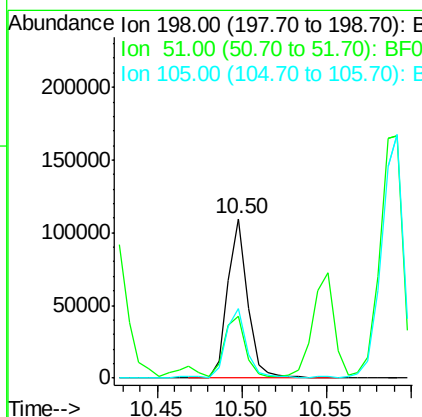
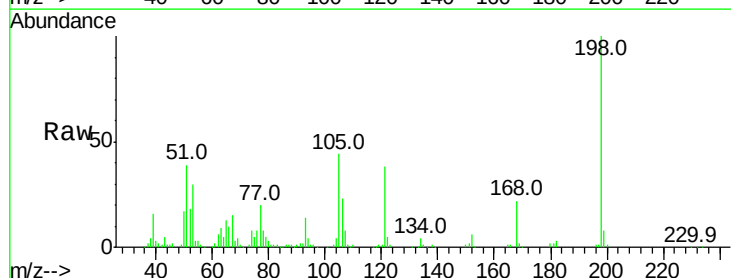
Manual Integrations
APPROVED

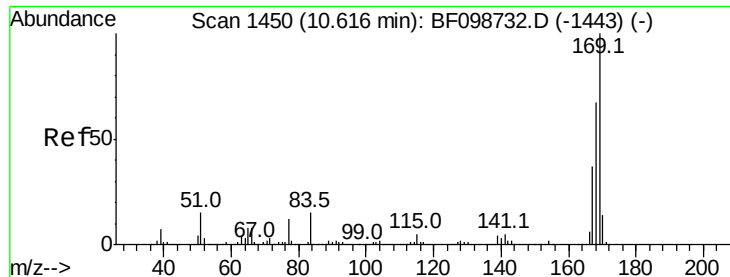
Sohil
10/13/2017 12:07:19 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.522 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.9	37.7	77.7
105	43.8	36.3	76.3





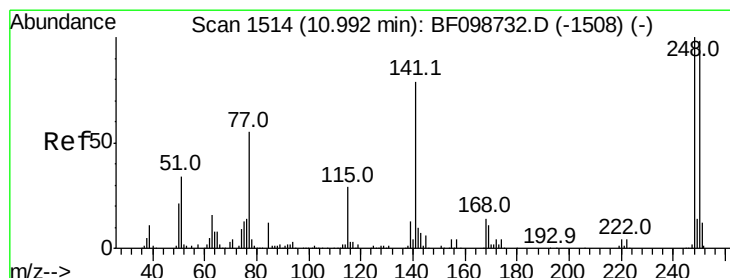
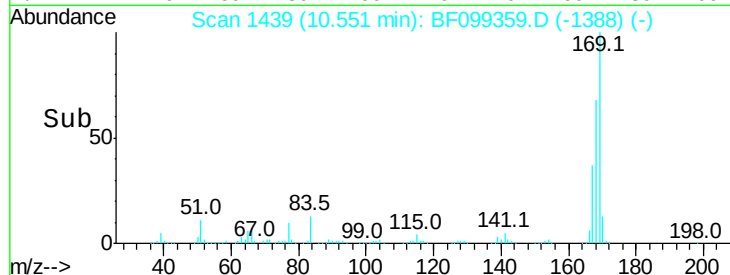
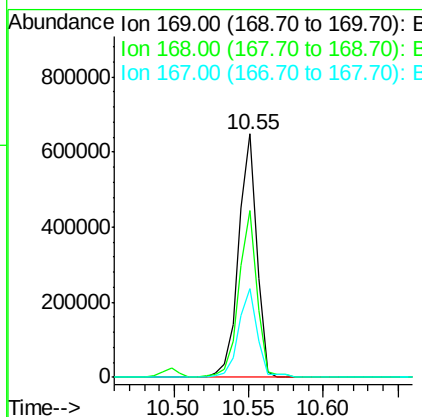
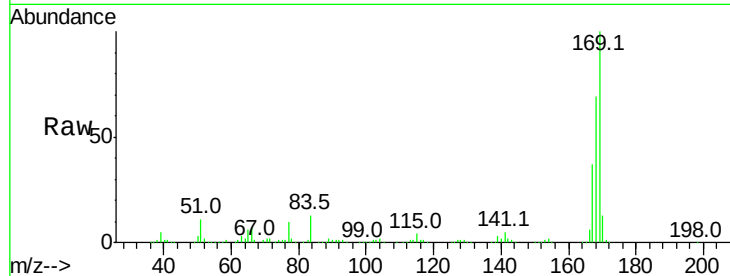
#65
n-Nitrosodiphenylamine
Concen: 48.986 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	554792		
168	68.6		54.4	81.6
167	36.7		29.8	44.6

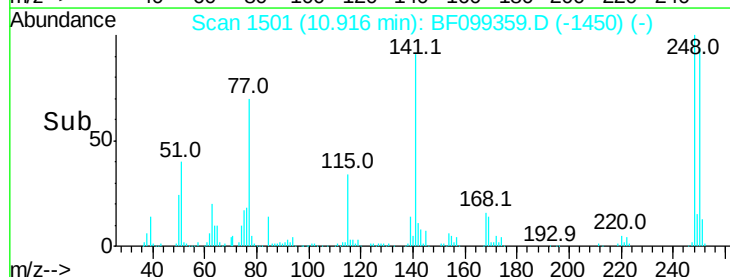
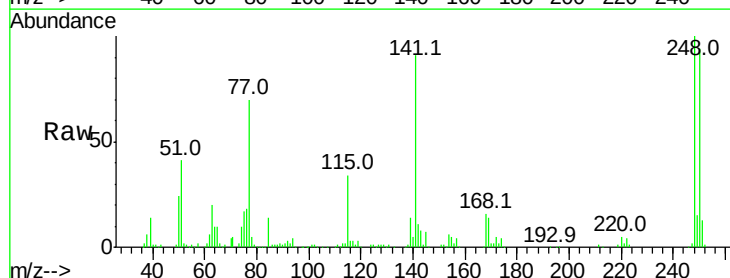
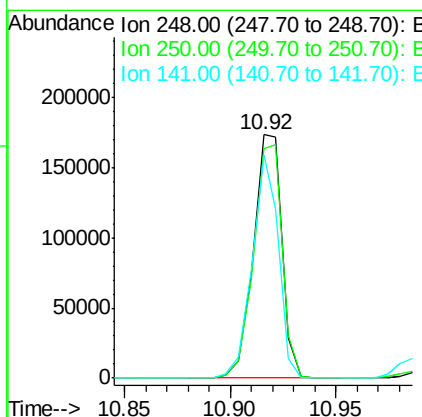
Manual Integrations
APPROVED

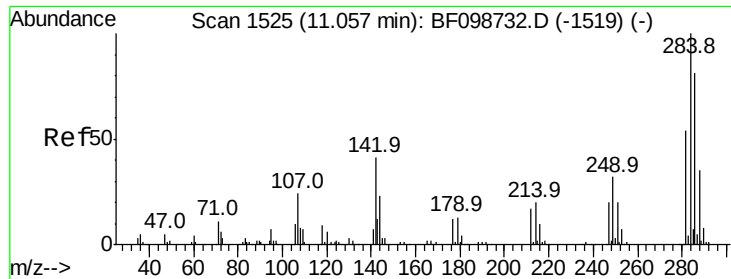
Sohil
10/13/2017 12:07:19 PM



#66
4-Bromophenyl-phenylether
Concen: 51.157 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	163703		
250	94.4		76.9	115.3
141	91.4		74.4	111.6





#67

Hexachlorobenzene

Concen: 49.092 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

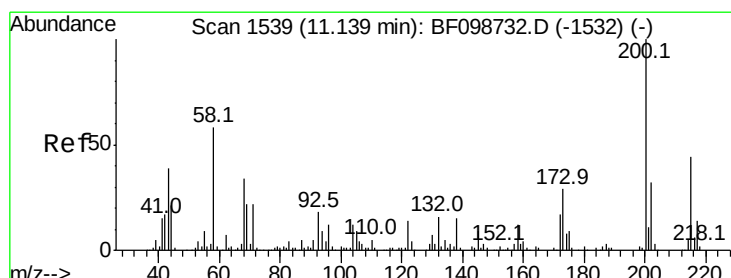
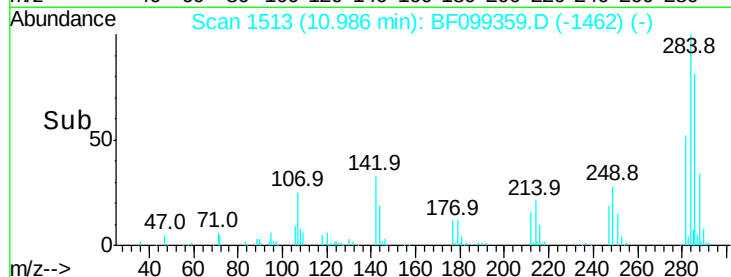
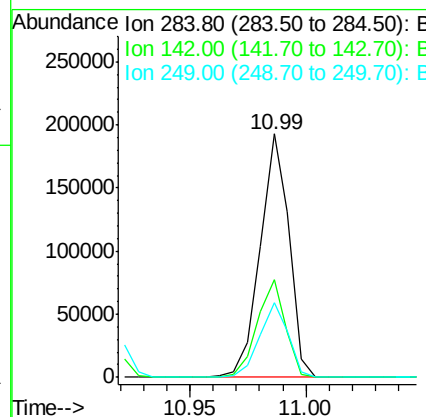
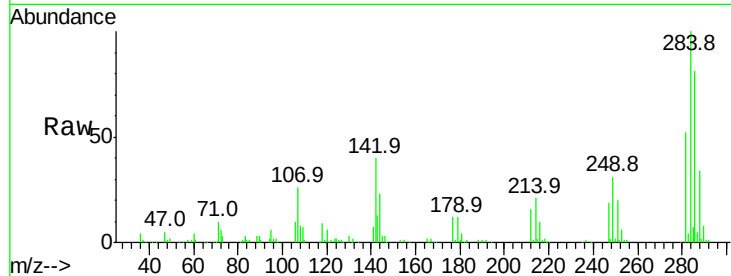
ClientSampled :

SB-29BMSD

Tot Ion:	284	Resp:	167784
Ion Ratio	Lower	Upper	
284	100		
142	40.0	34.6	52.0
249	30.7	24.8	37.2

Manual Integrations
APPROVED

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#68

Atrazine

Concen: 48.457 ng

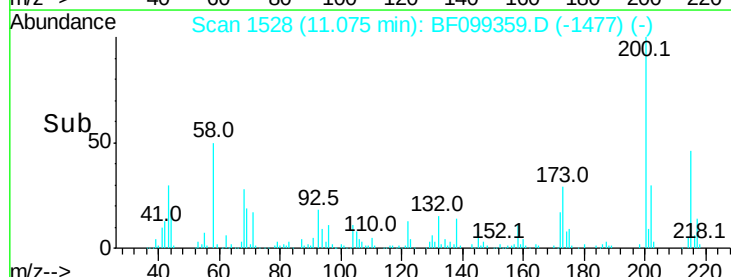
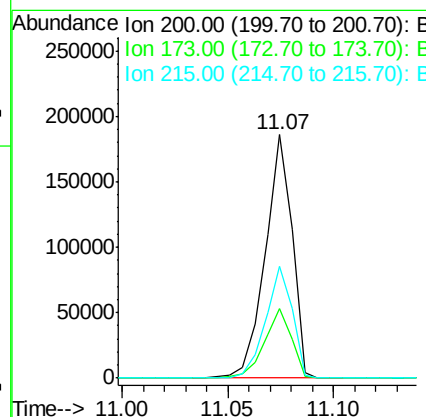
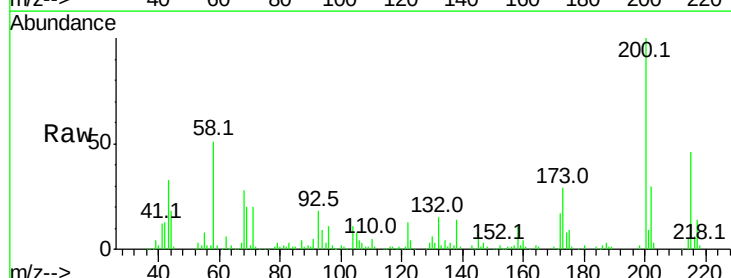
RT: 11.07 min Scan# 1528

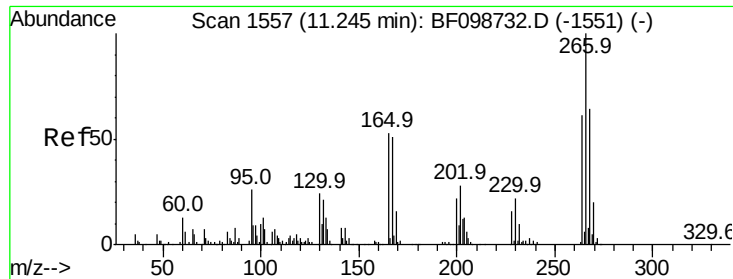
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	200	Resp:	165116
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.6	48.6
215	45.8	25.1	65.1





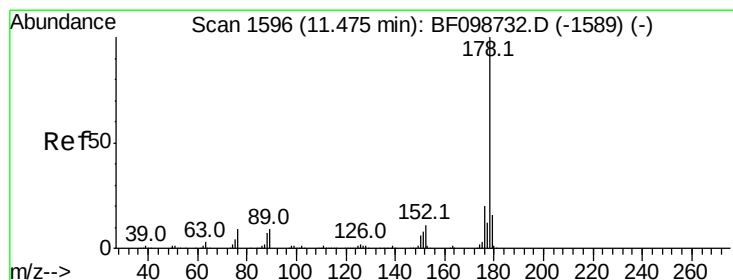
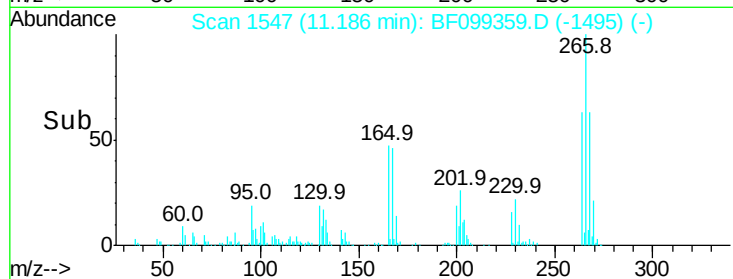
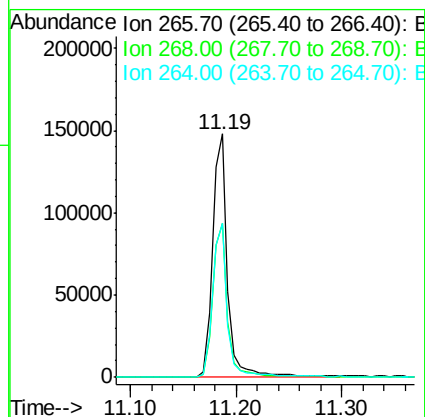
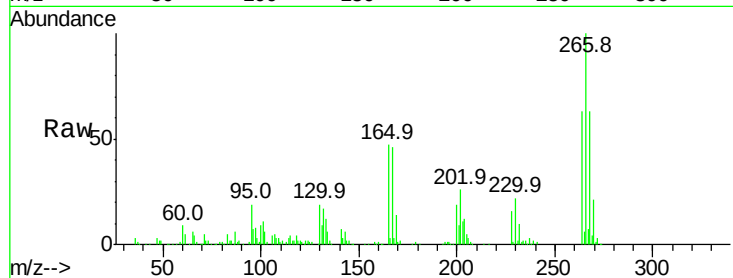
#69
 Pentachlorophenol
 Concen: 69.806 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :
 SB-29BMSD

Tot Ion:	266	Resp:	148483
Ion Ratio		Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.1	49.5	74.3

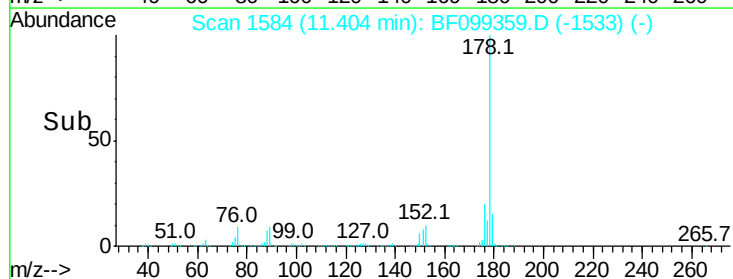
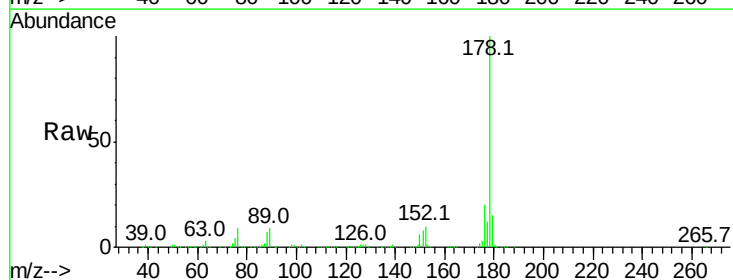
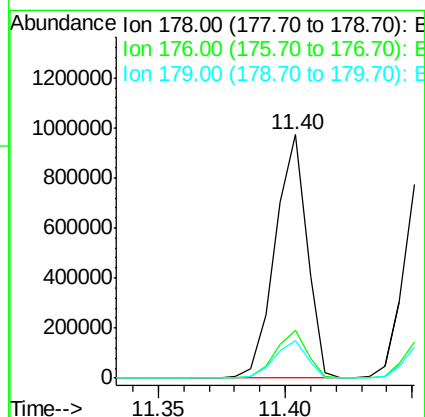
Manual Integrations
 APPROVED

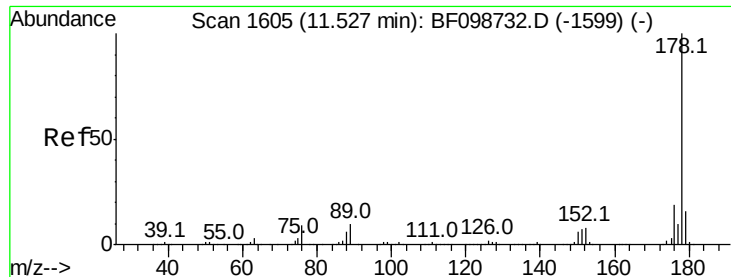
Sohil
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#70
 Phenanthrene
 Concen: 48.575 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion:	178	Resp:	850018
Ion Ratio		Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	13.0	19.6





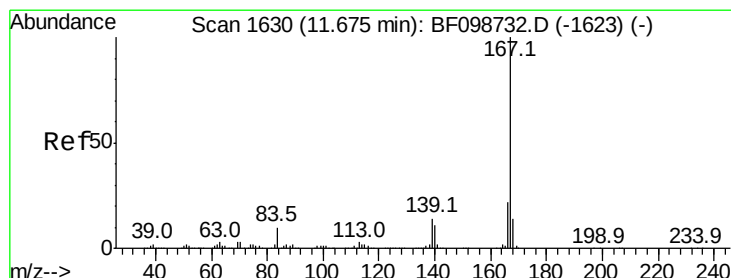
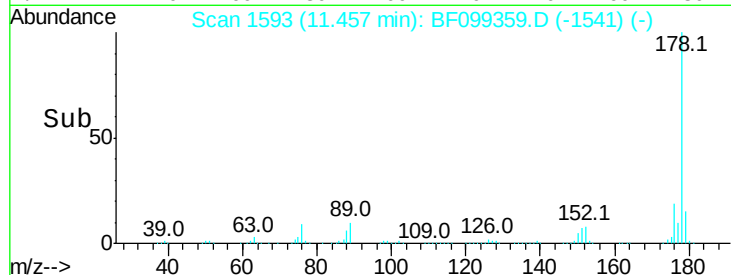
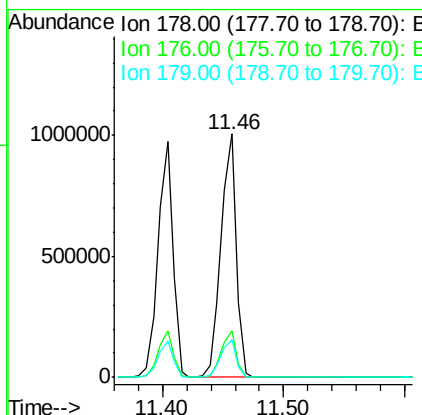
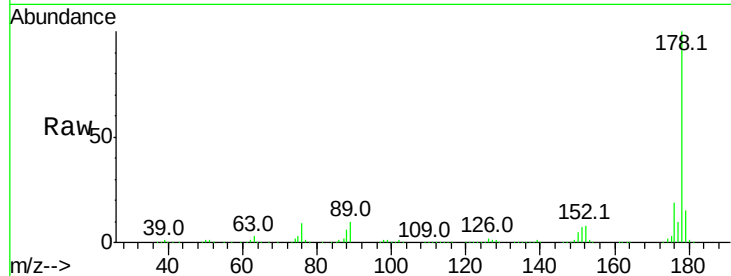
#71
 Anthracene
 Concen: 48.867 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :
 SB-29BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

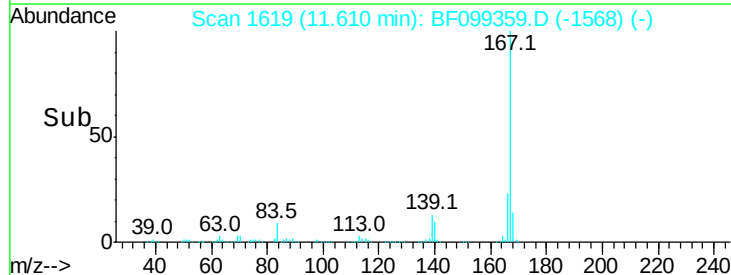
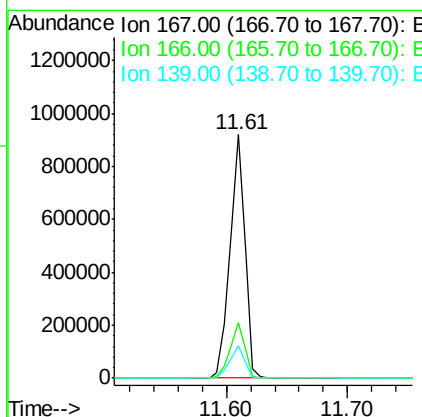
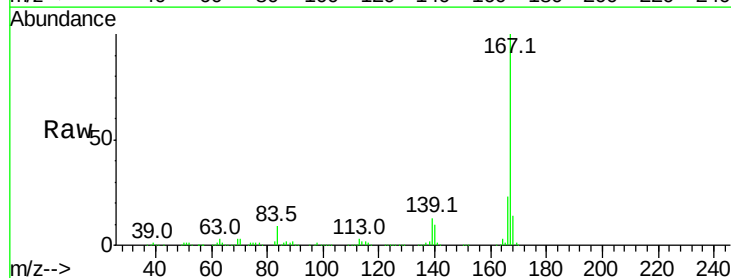
Manual Integrations
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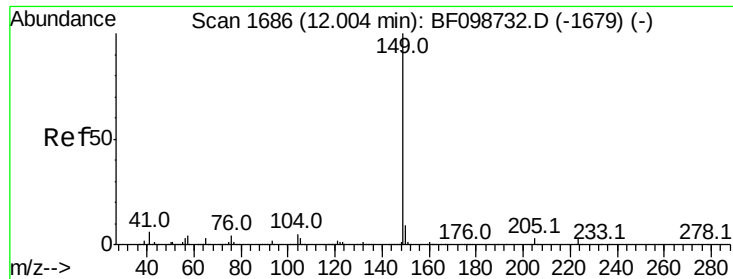
Sohil
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#72
 Carbazole
 Concen: 45.392 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.621 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

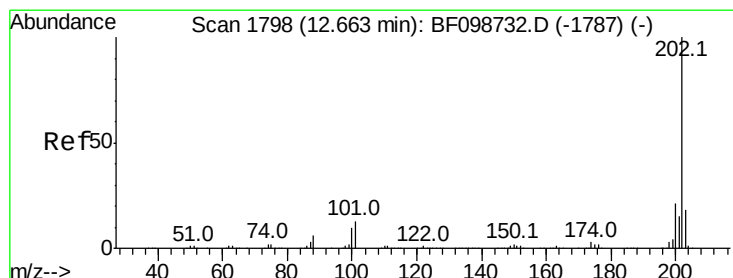
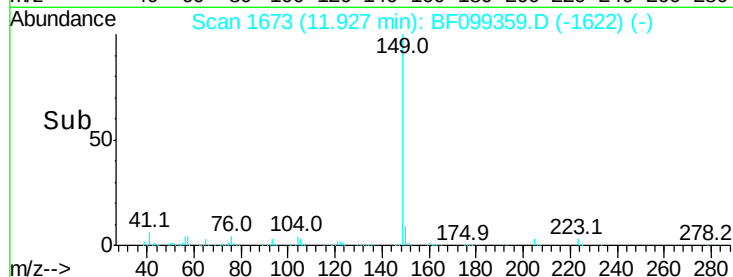
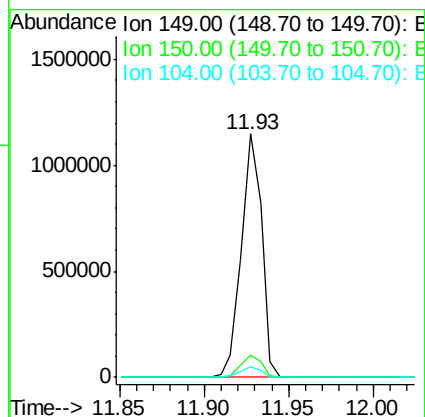
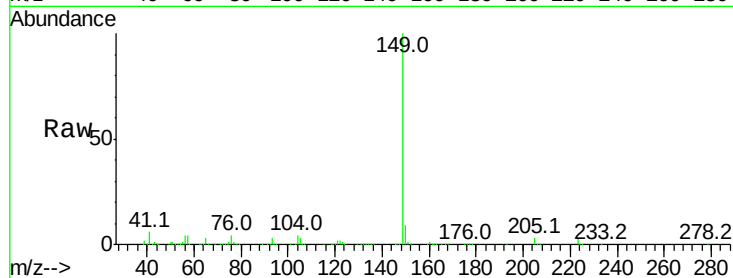
ClientSampleId :

SB-29BMSD

Tot Ion:	149	Resp:	962836
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
APPROVED

Sohil
10/13/2017 12:07:19 PM



#74

Fluoranthene

Concen: 44.267 ng

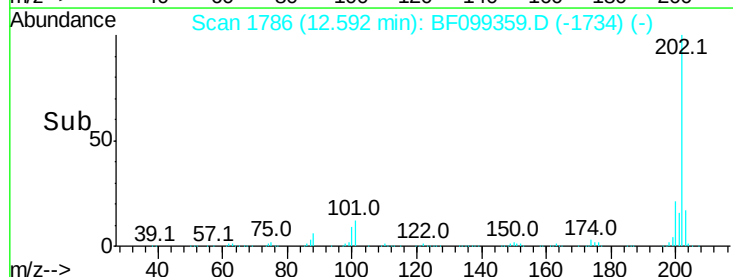
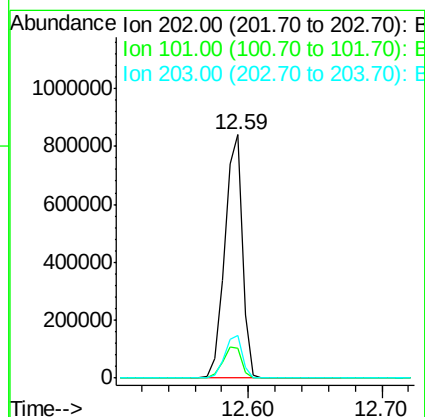
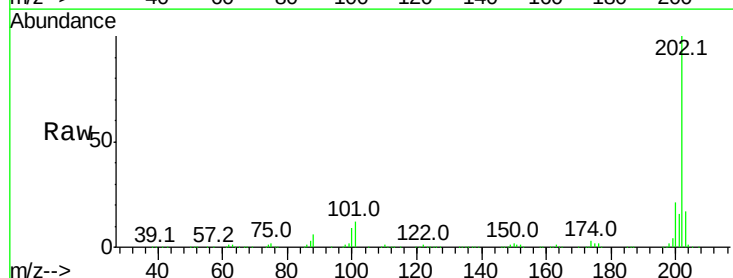
RT: 12.59 min Scan# 1786

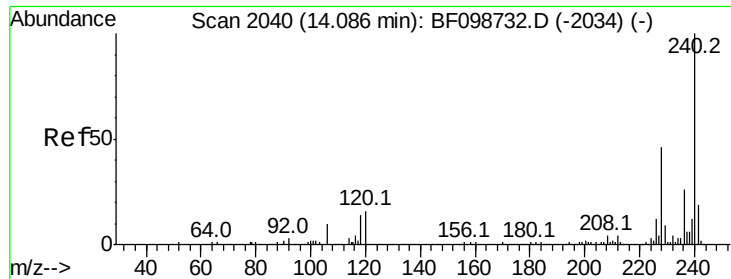
Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	202	Resp:	784400
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

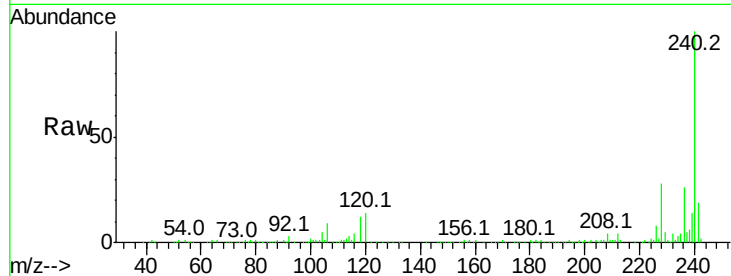
ClientSampled :

SB-29BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

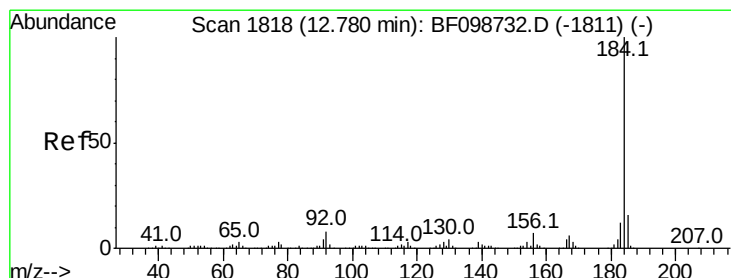
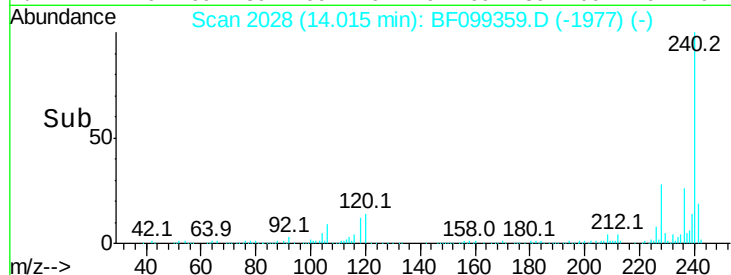
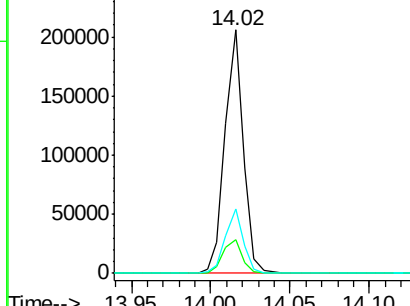
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.459 ng

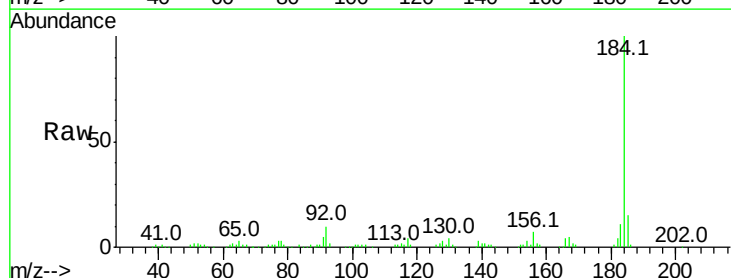
RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

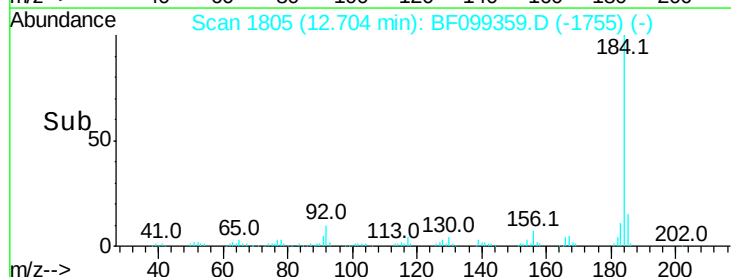
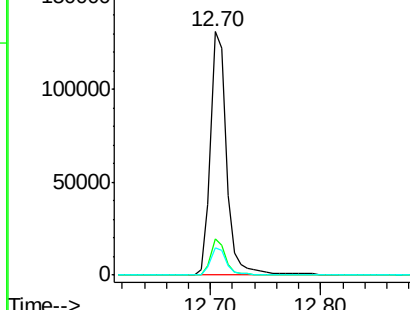
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.4	9.3	13.9

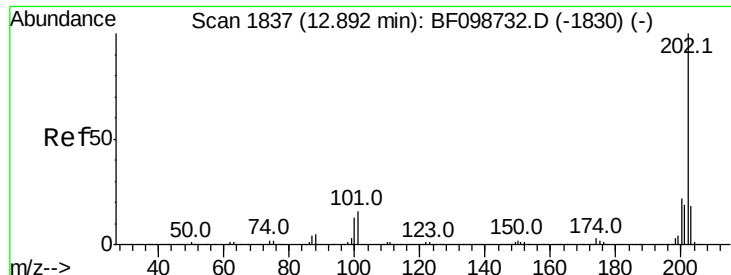


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





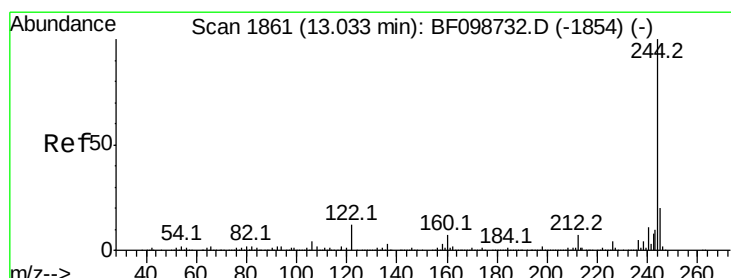
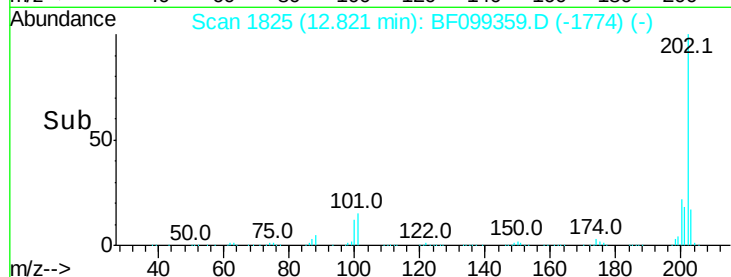
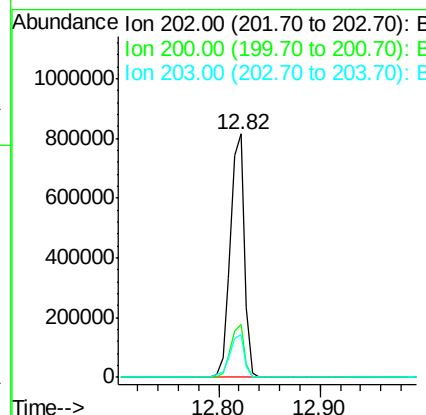
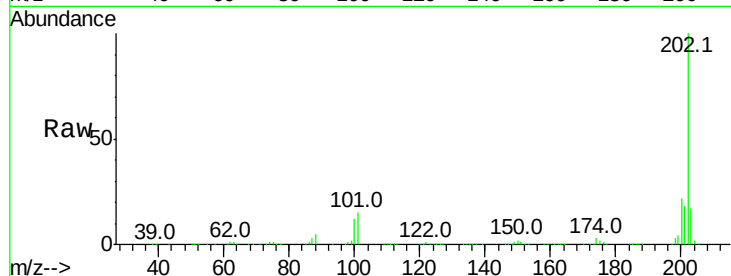
#77
 Pvrene
 Concen: 62.043 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :
 SB-29BMSD

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

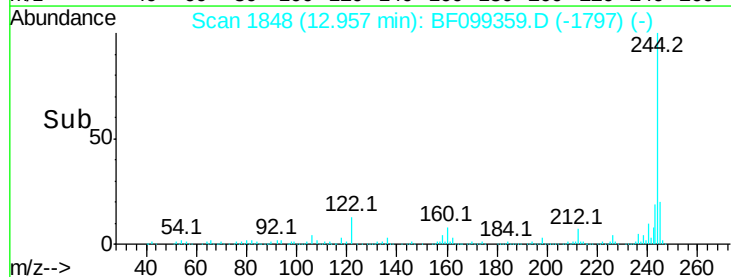
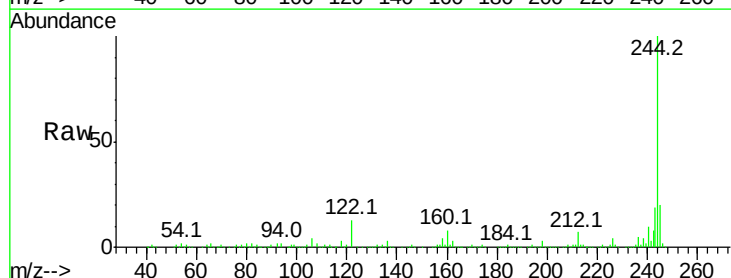
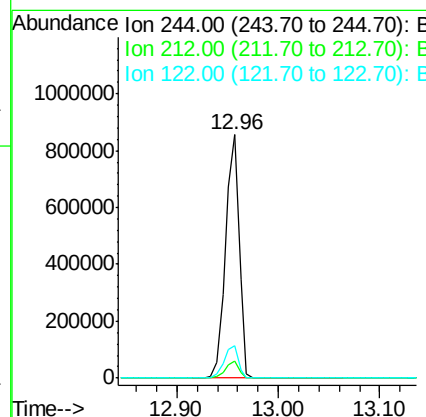
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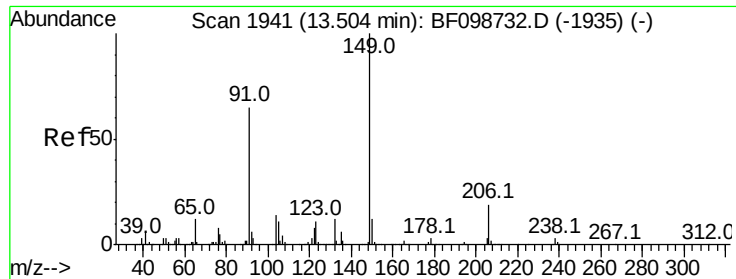
Sohil
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#78
 Terphenyl-d14
 Concen: 109.070 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.1	11.0	16.4





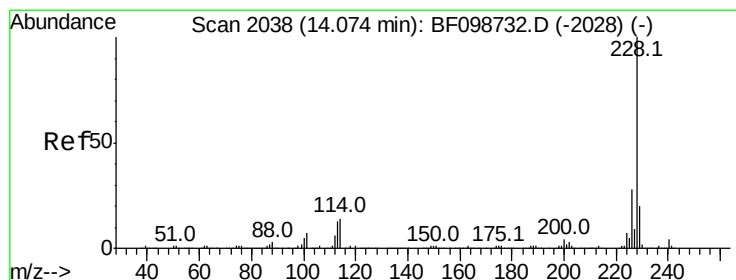
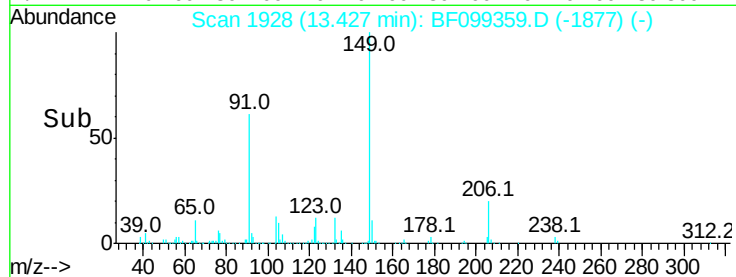
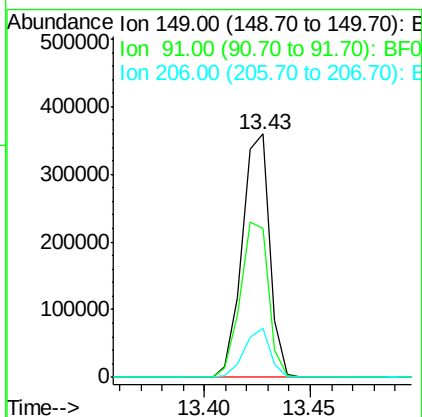
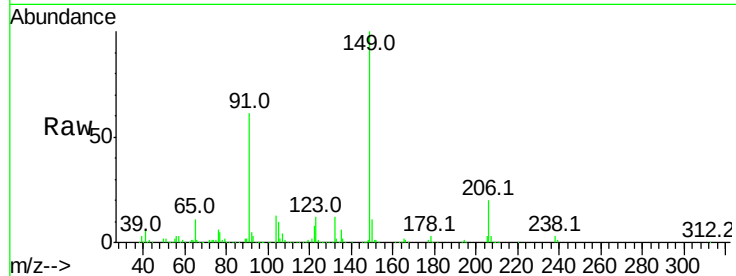
#79
Butylbenzylphthalate
Concen: 54.638 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	325130		
91	61.1	56.8	85.2	
206	20.4	14.1	21.1	

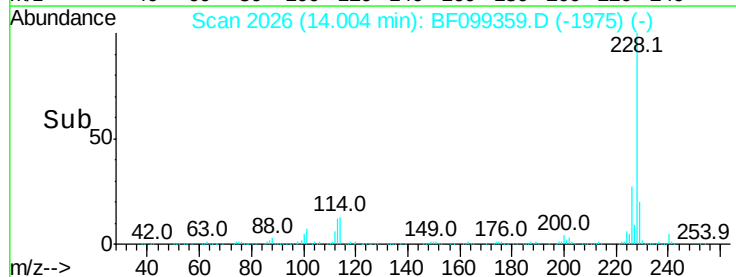
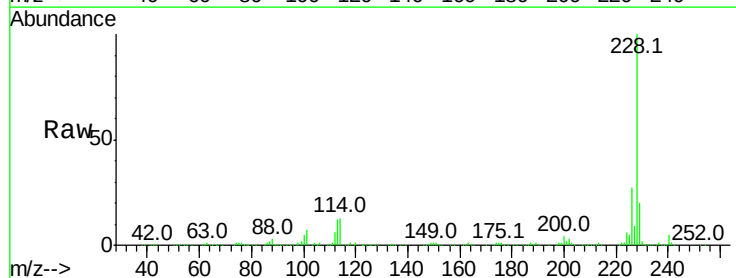
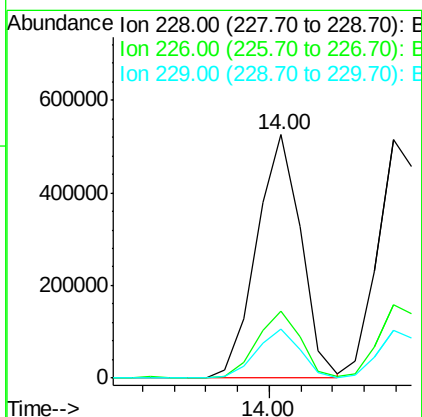
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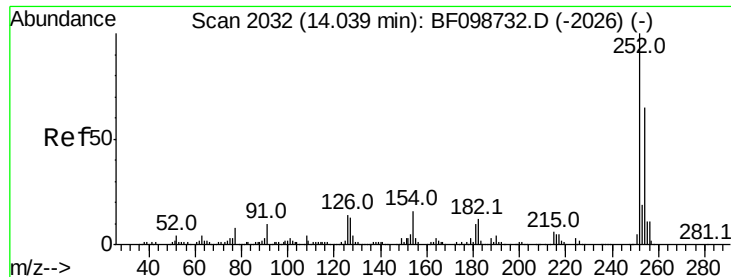
Sohil
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#80
Benzo(a)anthracene
Concen: 50.627 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	509024		
226	27.4	22.6	33.8	
229	20.0	15.8	23.6	





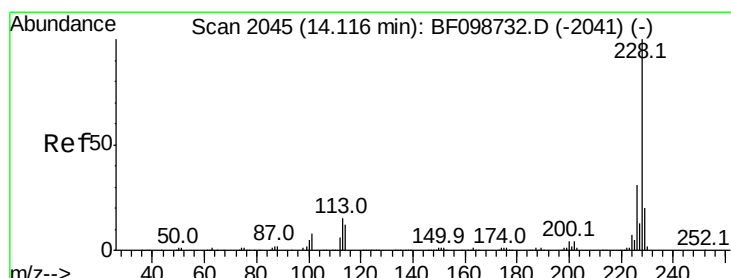
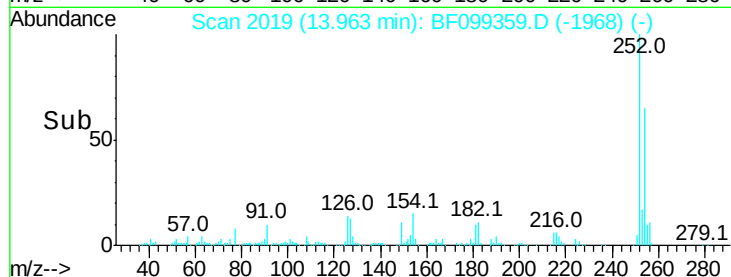
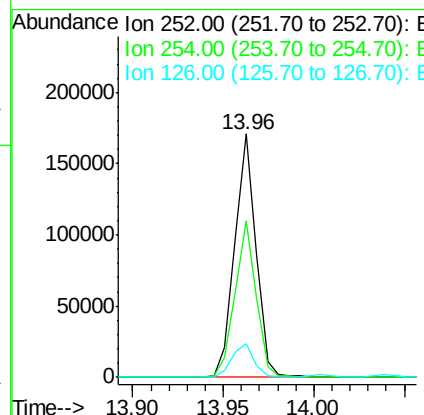
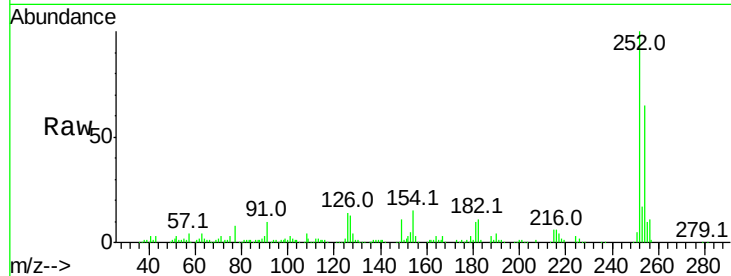
#81
 3,3'-Dichlorobenzidine
 Concen: 38.330 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :
 SB-29BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	141277		
254	64.5	50.4	75.6	
126	13.7	11.3	16.9	

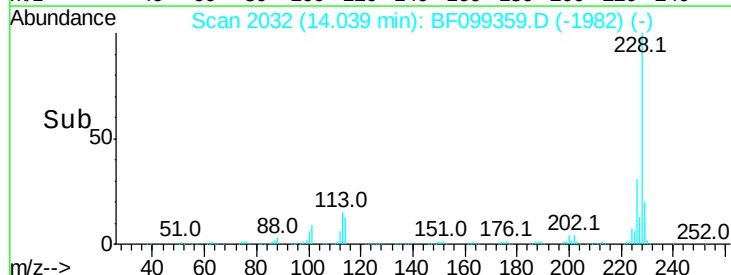
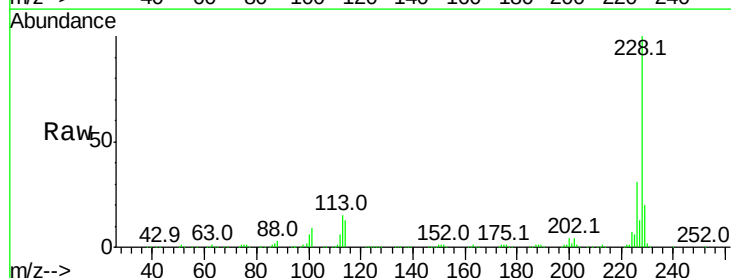
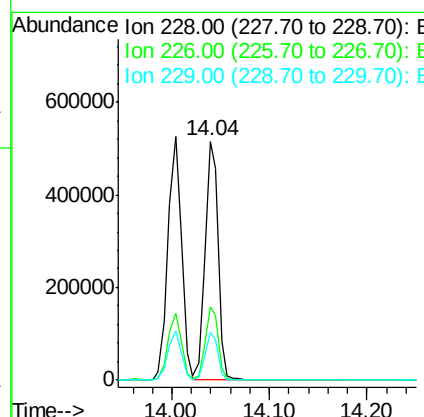
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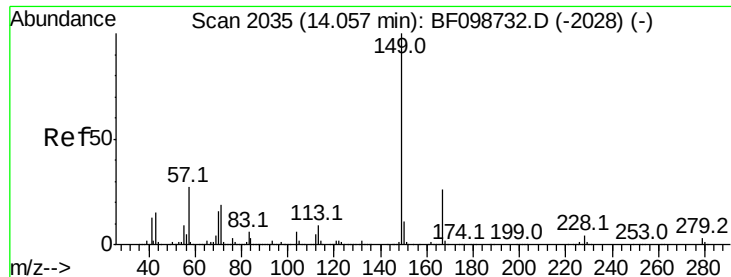
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#82
 Chrysene
 Concen: 50.012 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	478722		
226	30.8	25.0	37.6	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.915 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

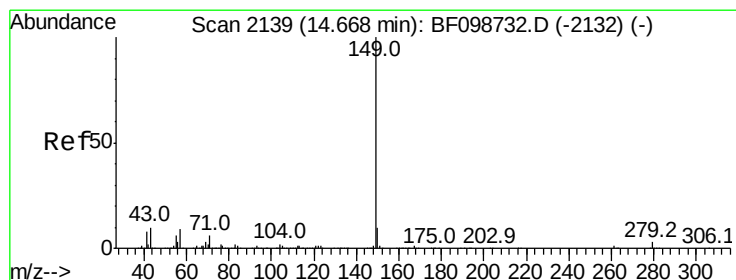
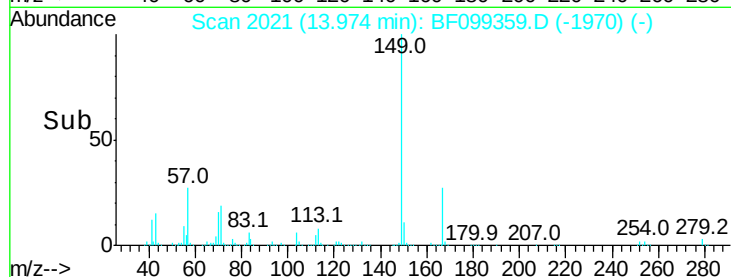
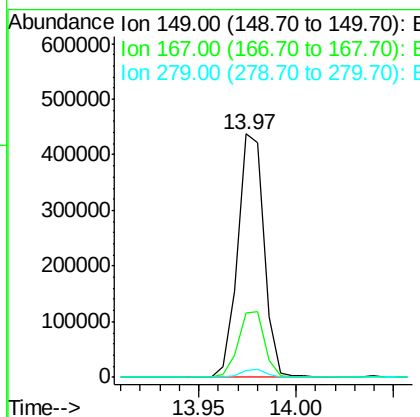
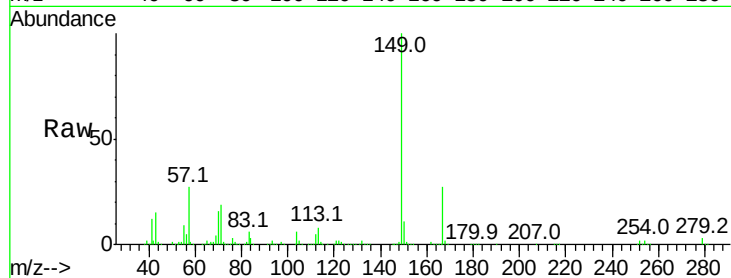
ClientSampleId :

SB-29BMSD

Tot Ion:	149	Resp:	408985
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	2.7	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.280 ng

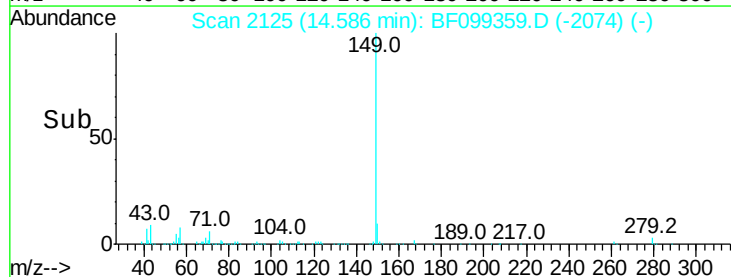
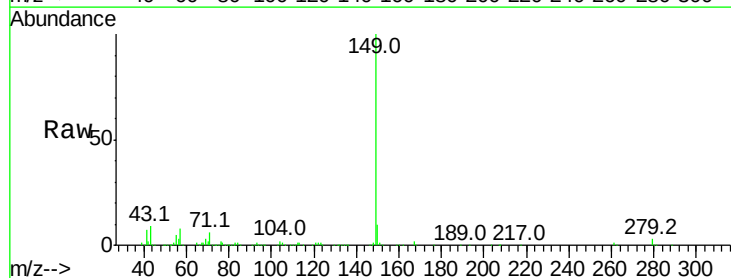
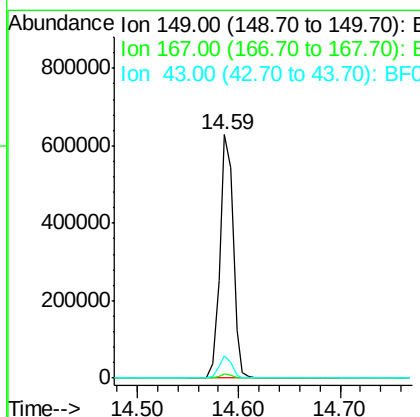
RT: 14.59 min Scan# 2125

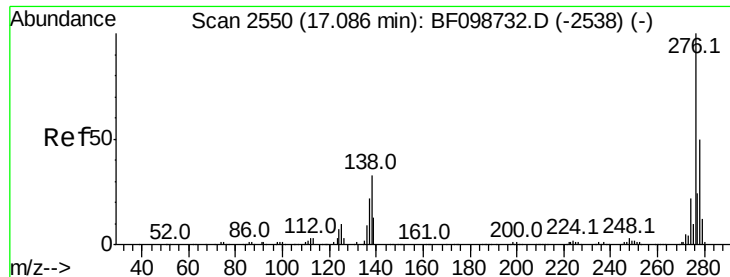
Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:	149	Resp:	571020
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6





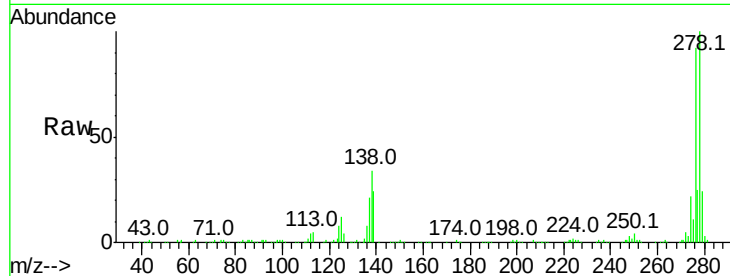
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 73.279 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

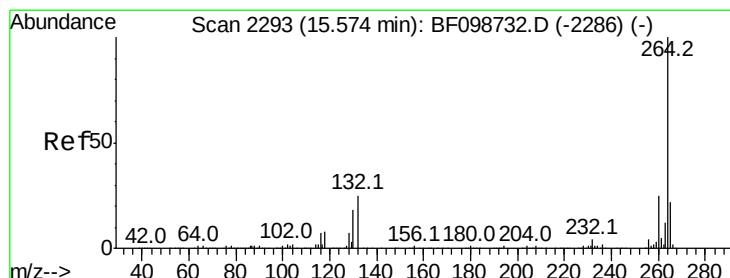
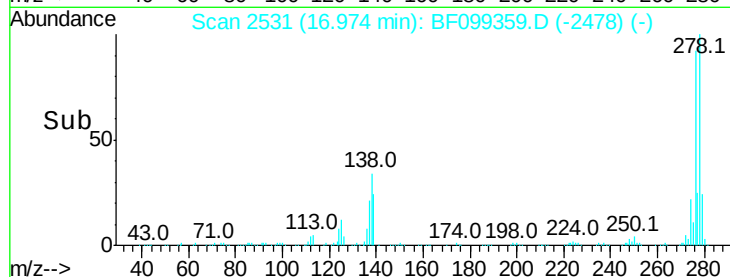
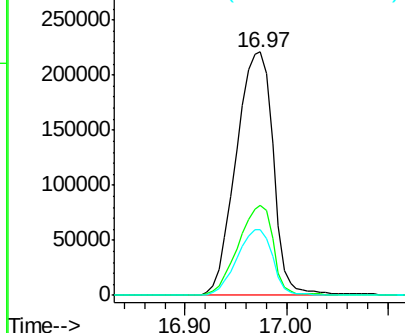
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	26.1	20.1	30.1

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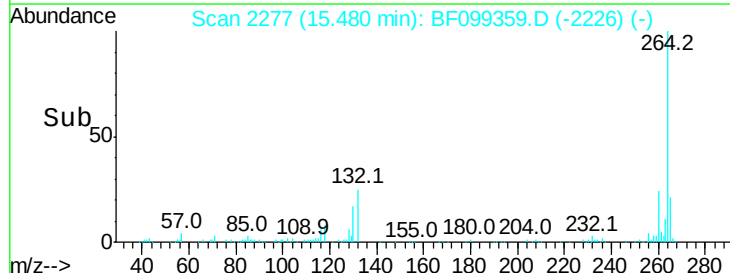
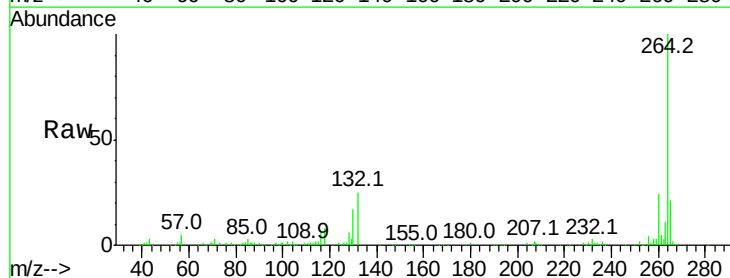
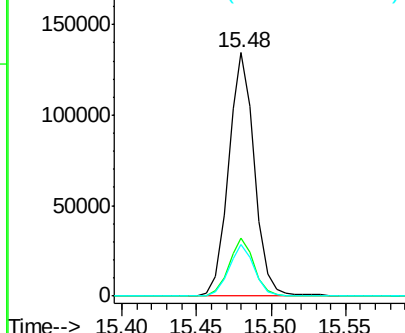
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

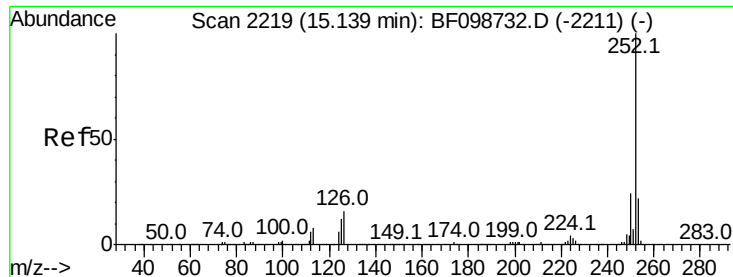


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

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





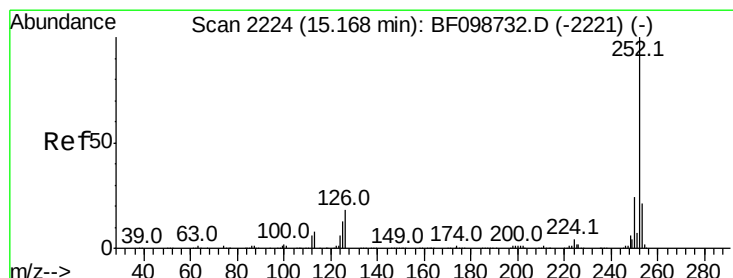
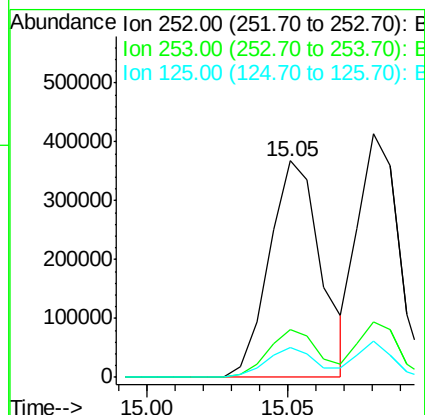
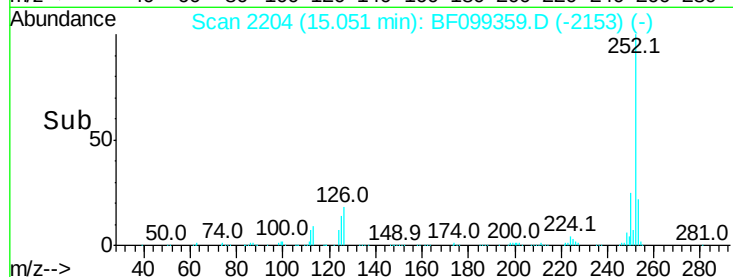
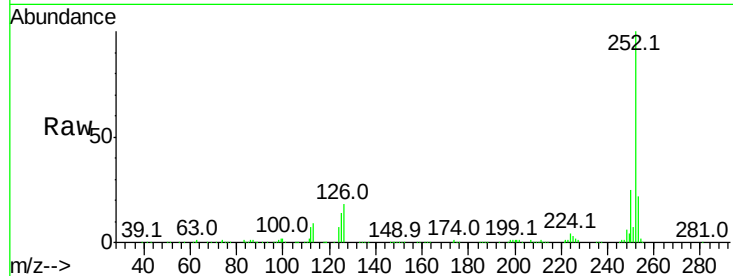
#87
Benzo(b)fluoranthene
Concen: 46.603 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :
SB-29BMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.1	9.0	13.6

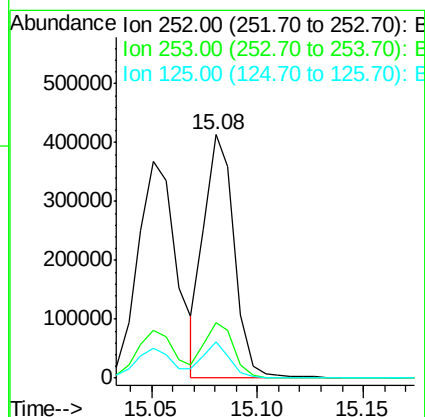
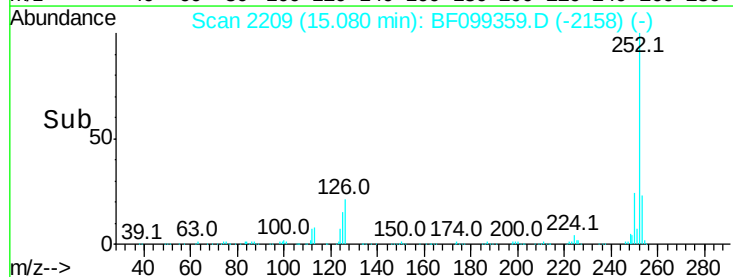
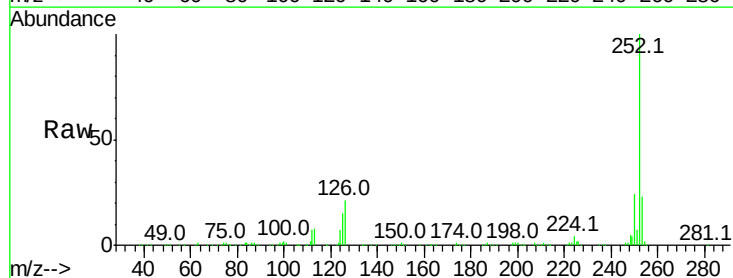
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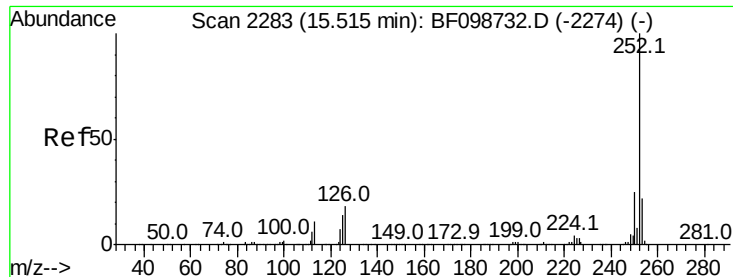
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#88
Benzo(k)fluoranthene
Concen: 41.406 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.6	10.2	15.2





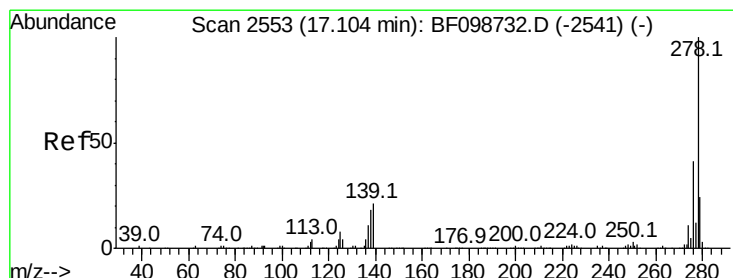
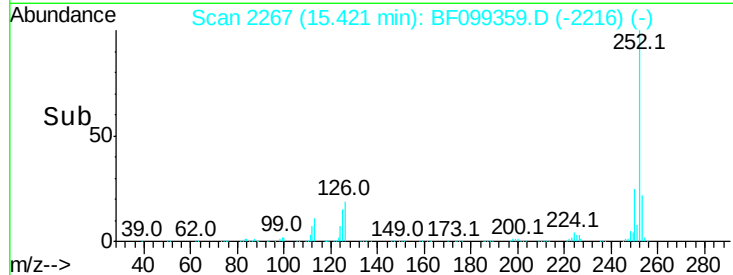
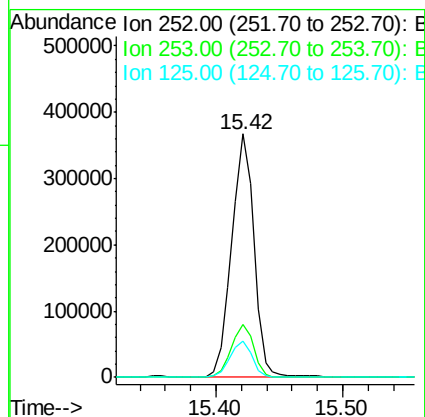
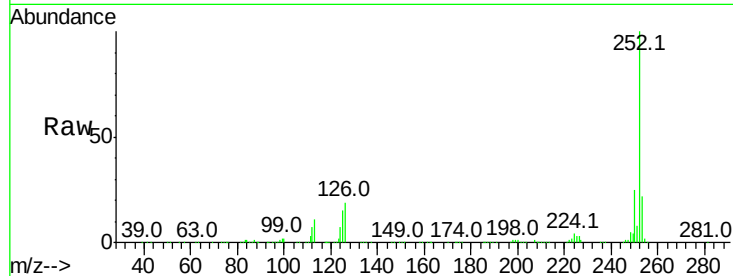
#89
Benzo(a)pyrene
Concen: 48.746 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :
SB-29BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.9	9.8	14.6

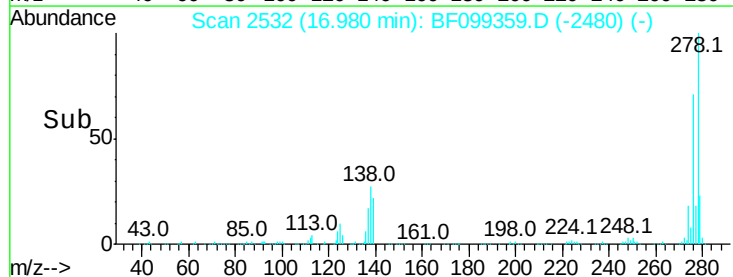
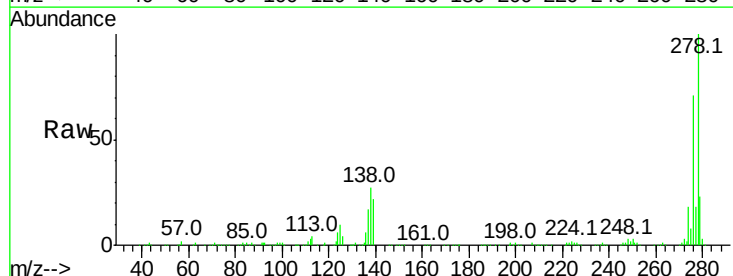
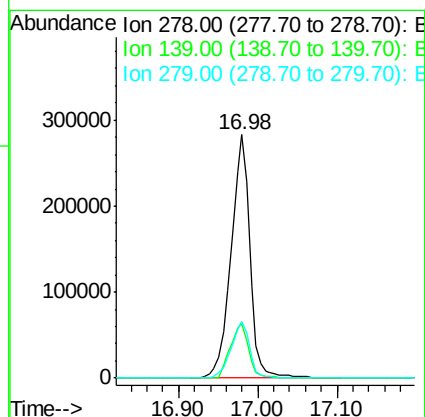
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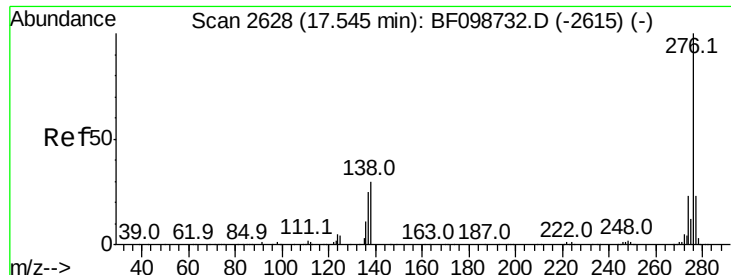
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#90
Dibenzo(a,h)anthracene
Concen: 63.376 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	23.4	19.0	28.4





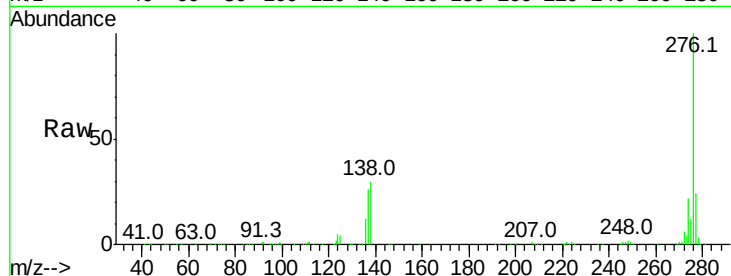
#91
 Benzo(a,h,i)perylene
 Concen: 68.080 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.7	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

