

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099191.D
 Acq On : 7 Oct 2017 13:46
 Operator : SJ/JU
 Sample : I5604-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:33:52 PM

Quant Time: Oct 08 04:17:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135473	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563546	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	242976	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	376348	20.00	ng	0.00
75) Chrysene-d12	14.03	240	223125	20.00	ng	0.00
86) Perylene-d12	15.50	264	217188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	964084	113.29	ng	0.03
7) Phenol-d6	6.51	99	1113999	106.11	ng	0.01
23) Nitrobenzene-d5	7.43	82	751465	85.51	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	227679	114.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1329200	91.33	ng	0.00
78) Terphenyl-d14	12.97	244	857599	87.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	153312	37.713	ng	# 83
3) Pyridine	3.59	79	331563	30.150	ng	95
4) n-Nitrosodimethylamine	3.53	42	175874	37.714	ng	84
6) Aniline	6.53	93	188448	13.300	ng	99
8) 2-Chlorophenol	6.66	128	407795	42.314	ng	96
9) Benzaldehyde	6.42	77	50135	8.233	ng	95
10) Phenol	6.52	94	448022	38.159	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	399363	43.753	ng	95
12) 1,3-Dichlorobenzene	6.81	146	438752	43.471	ng	97
13) 1,4-Dichlorobenzene	6.89	146	446686	43.499	ng	97
14) 1,2-Dichlorobenzene	7.04	146	411263	43.343	ng	97
15) Benzyl Alcohol	7.01	79	323419	41.994	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	574617	40.407	ng	95
17) 2-Methylphenol	7.12	107	335412	42.535	ng	98
18) Hexachloroethane	7.37	117	153018	41.456	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	267418	39.897	ng	91
20) 3+4-Methylphenols	7.27	107	388433	38.938	ng	# 79
22) Acetophenone	7.28	105	542787	39.754	ng	# 99
24) Nitrobenzene	7.45	77	421280	42.262	ng	97
25) Isophorone	7.69	82	782348	43.061	ng	98
26) 2-Nitrophenol	7.76	139	234623	48.946	ng	93
27) 2,4-Dimethylphenol	7.80	122	377615	41.713	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	504199	44.532	ng	100
29) 2,4-Dichlorophenol	8.01	162	341665	43.959	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	350833	45.131	ng	99
31) Naphthalene	8.17	128	1155943	43.674	ng	99
32) Benzoic acid	7.94	122	239939	32.267	ng	98
33) 4-Chloroaniline	8.22	127	88110	7.972	ng	97
34) Hexachlorobutadiene	8.28	225	171538	42.842	ng	100
35) Caprolactam	8.60	113	102290m	41.028	ng	
36) 4-Chloro-3-methylphenol	8.70	107	355670	40.713	ng	95
37) 2-Methylnaphthalene	8.86	142	790872	45.965	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312154	43.078	ng	99
40) Hexachlorocyclopentadiene	9.01	237	139370	42.086	ng	99

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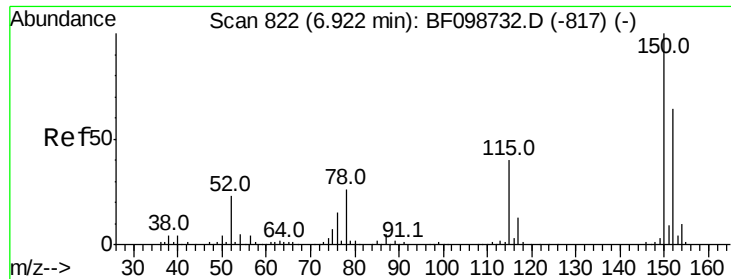
Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:33:52 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	221300	43.109	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	230507	44.981	nq	97
45) 1,1'-Biphenyl	9.33	154	904156	43.298	nq	98
46) 2-Chloronaphthalene	9.35	162	711536	45.382	nq	98
47) 2-Nitroaniline	9.45	65	206948	43.106	nq	93
48) Acenaphthylene	9.77	152	1047323	43.635	nq	100
49) Dimethylphthalate	9.63	163	854369	46.589	nq	100
50) 2,6-Dinitrotoluene	9.69	165	186912	46.817	nq	87
51) Acenaphthene	9.94	154	617927	40.643	nq	99
52) 3-Nitroaniline	9.86	138	131221	28.188	nq	88
53) 2,4-Dinitrophenol	9.97	184	91713	46.737	nq	94
54) Dibenzofuran	10.11	168	921899	45.541	nq	99
55) 4-Nitrophenol	10.03	139	263849	67.030	nq	90
56) 2,4-Dinitrotoluene	10.10	165	233461	45.057	nq	92
57) Fluorene	10.45	166	702388	43.169	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	162625	45.940	nq	97
59) Diethylphthalate	10.32	149	789978	44.085	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	319378	43.697	nq	99
61) 4-Nitroaniline	10.48	138	182964	40.739	nq	89
62) Azobenzene	10.60	77	716010	43.457	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	69017	30.141	nq	86
65) n-Nitrosodiphenylamine	10.56	169	637639	48.907	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	183351	49.772	nq	92
67) Hexachlorobenzene	11.00	284	178189	45.289	nq	99
68) Atrazine	11.09	200	185854	47.379	nq	98
69) Pentachlorophenol	11.20	266	171336	69.971	nq	98
70) Phenanthrene	11.42	178	920511	45.695	nq	99
71) Anthracene	11.47	178	933884	45.308	nq	99
72) Carbazole	11.62	167	848691	42.046	nq	100
73) Di-n-butylphthalate	11.95	149	1145898	47.165	nq	99
74) Fluoranthene	12.60	202	811237	39.769	nq	99
76) Benzidine	12.72	184	42015	5.091	nq	98
77) Pyrene	12.83	202	811774	47.712	nq	99
79) Butylbenzylphthalate	13.44	149	395510	49.462	nq	98
80) Benzo(a)anthracene	14.02	228	632385	46.806	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	171475	34.621	nq	96
82) Chrysene	14.06	228	588480	45.750	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	542128	49.238	nq	# 99
84) Di-n-octyl phthalate	14.61	149	858689	48.434	nq	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	541641	52.640	nq	95
87) Benzo(b)fluoranthene	15.07	252	613771m	45.963	nq	
88) Benzo(k)fluoranthene	15.10	252	561311	42.558	nq	100
89) Benzo(a)pyrene	15.44	252	566910	46.249	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	451003	45.975	nq	97
91) Benzo(g,h,i)perylene	17.44	276	440430	45.420	nq	98

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



#1

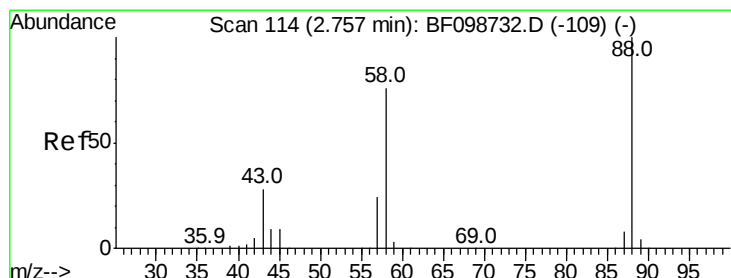
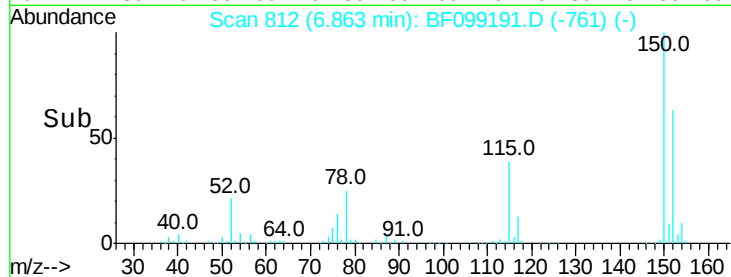
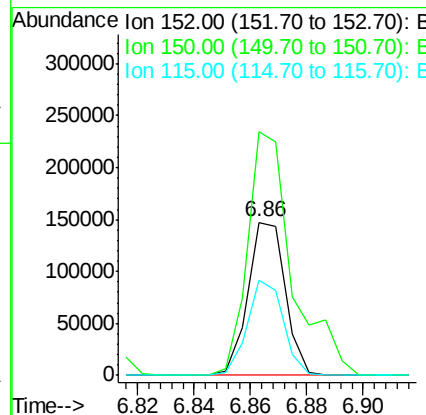
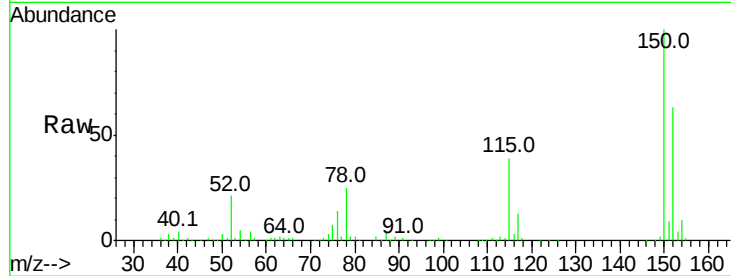
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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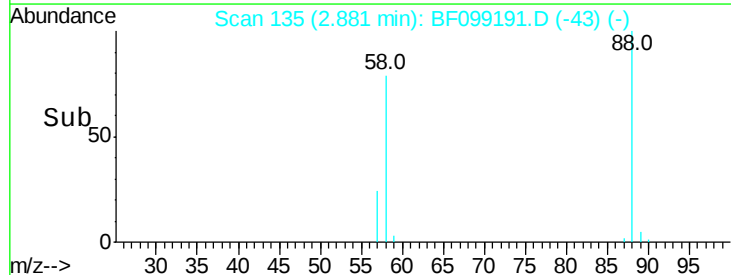
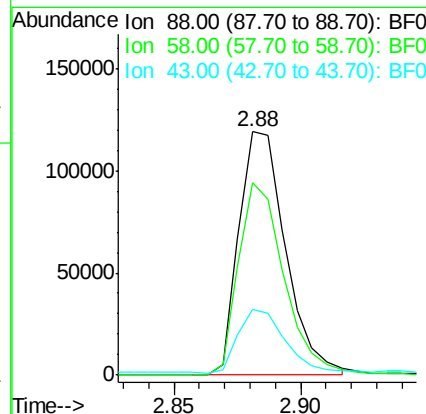
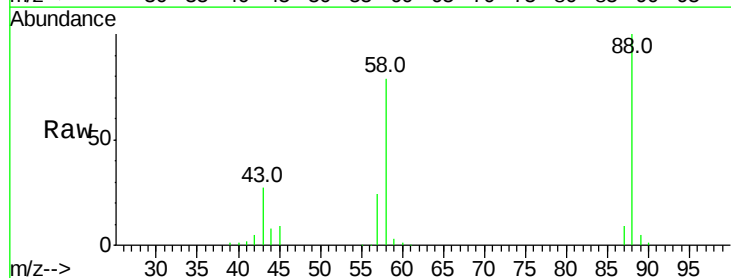
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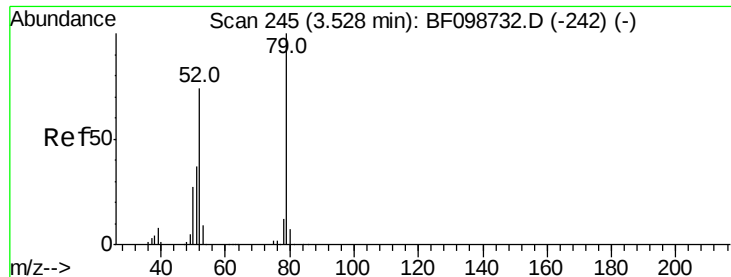


#2

1,4-Dioxane
Concen: 37.713 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.24 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.6	93.8
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 30.150 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.17 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

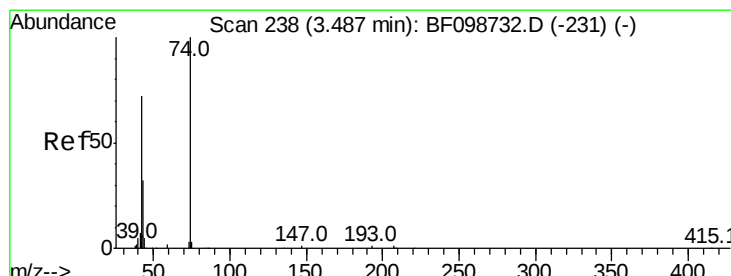
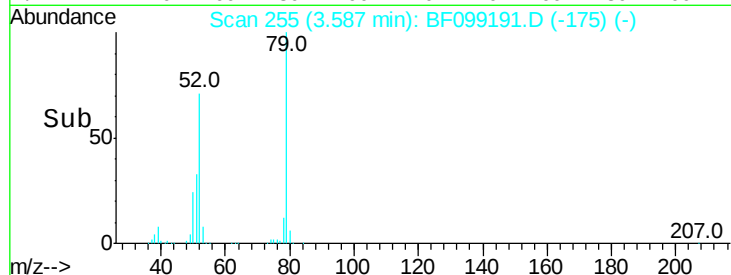
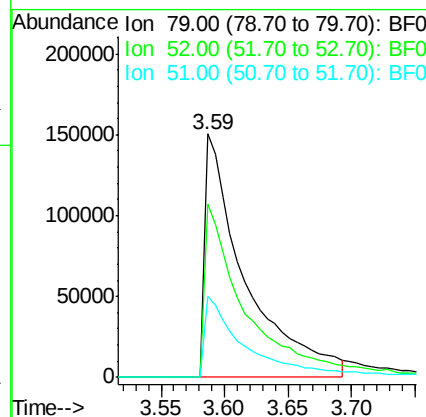
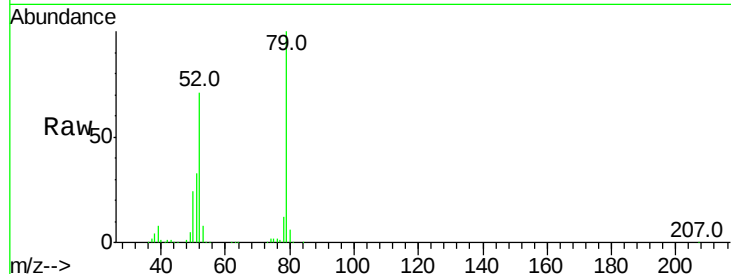
ClientSampleId :

SP-A-100217MS

Tot Ion:	79	Resp:	331563
Ion Ratio	Lower	Upper	
79	100		
52	71.1	59.8	89.6
51	33.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.714 ng

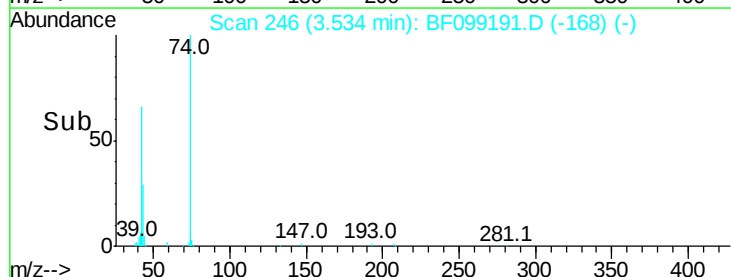
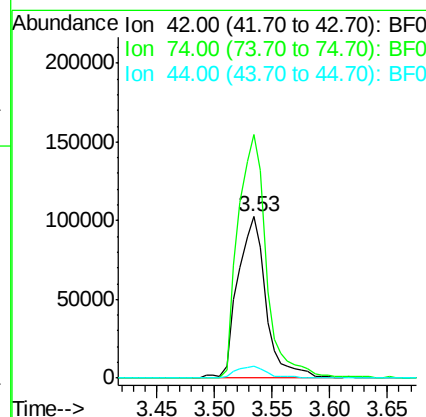
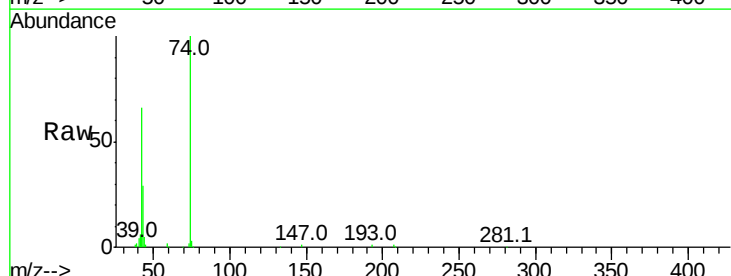
RT: 3.53 min Scan# 246

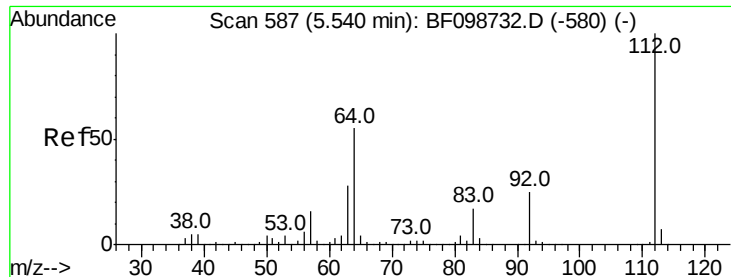
Delta R.T. 0.16 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:	42	Resp:	175874
Ion Ratio	Lower	Upper	
42	100		
74	150.7	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 113.286 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.03 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

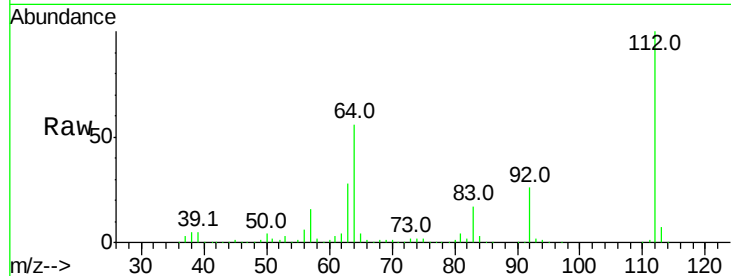
ClientSampleId :

SP-A-100217MS

Tot Ion:	112	Resp:	964084
Ion Ratio	Lower	Upper	
112	100		
64	56.0	47.9	71.9
63	27.6	23.7	35.5

Manual Integrations
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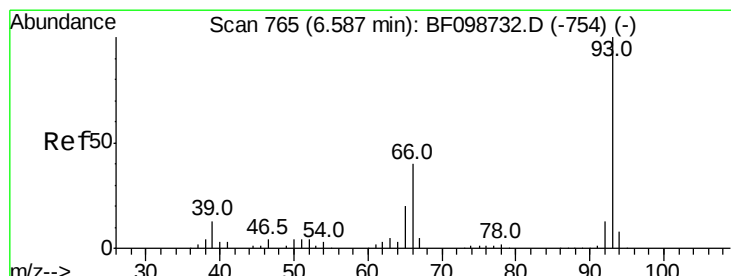
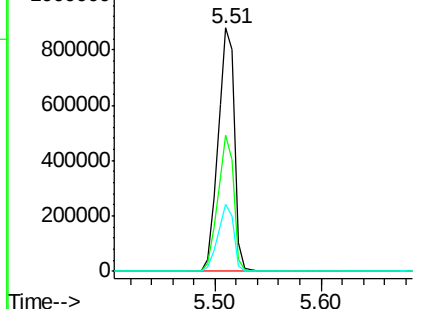
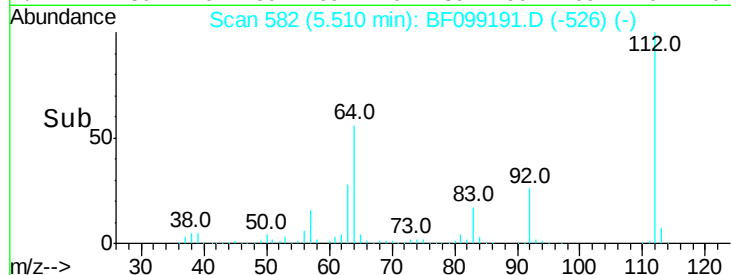
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.300 ng

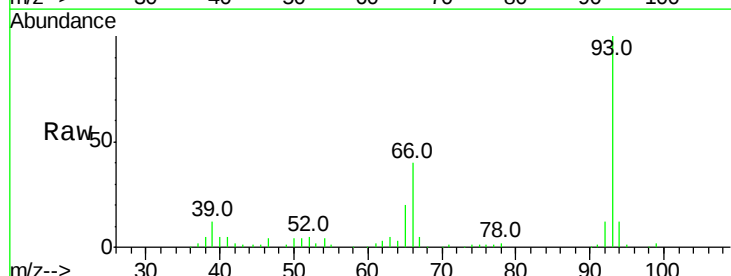
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

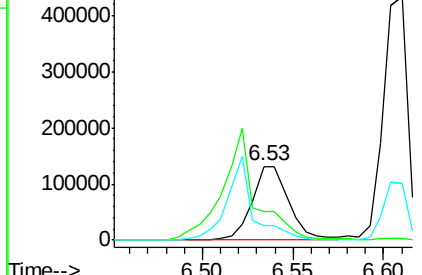
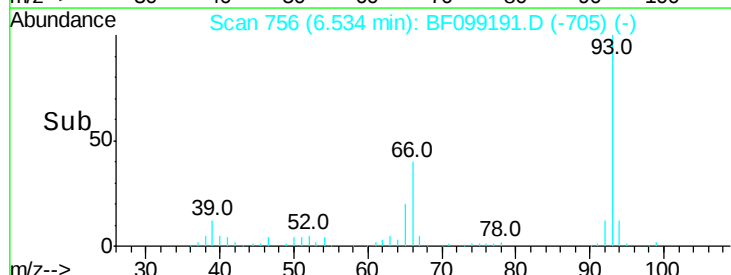
Tgt Ion:	93	Resp:	188448
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.2	48.2
65	19.7	16.4	24.6

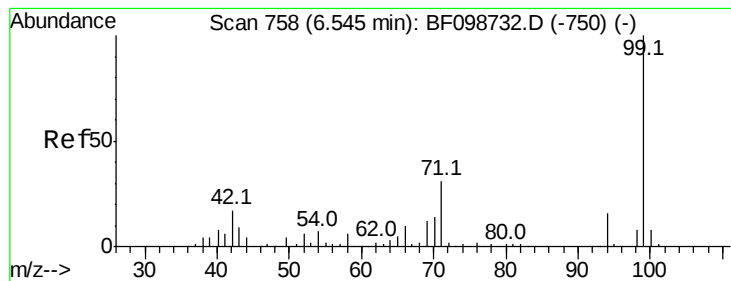


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.113 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MS

Tot Ion: 99 Resp: 1113999

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

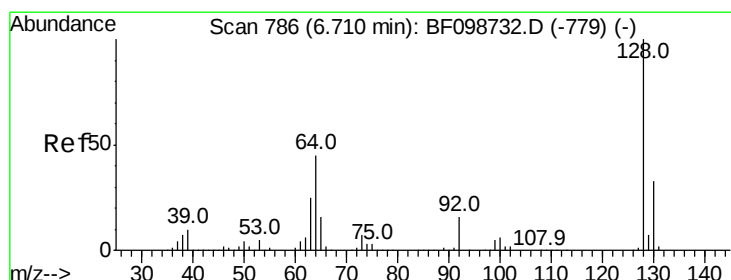
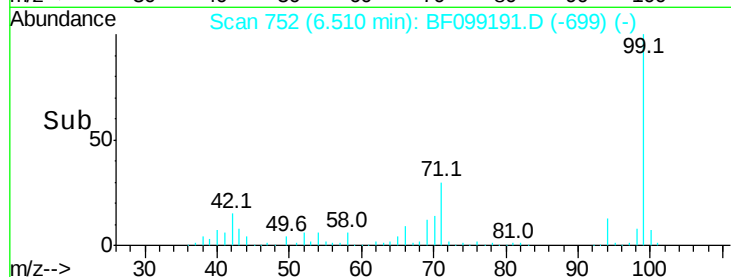
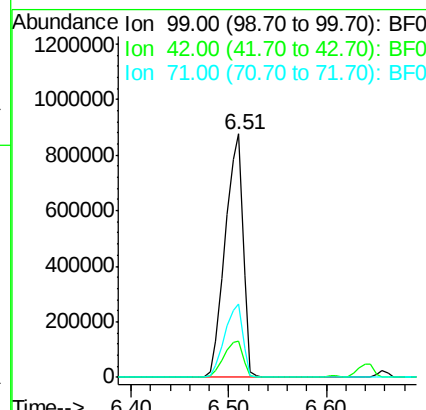
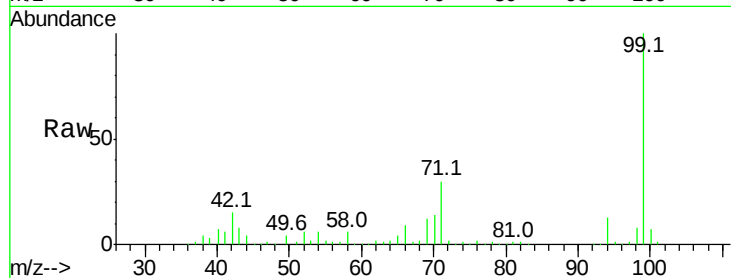
71 30.4 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.314 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

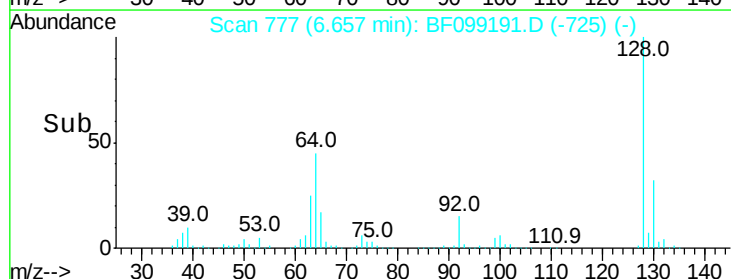
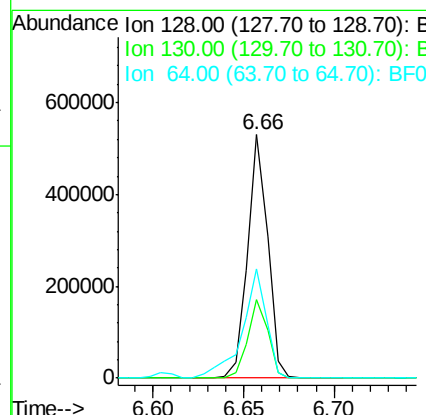
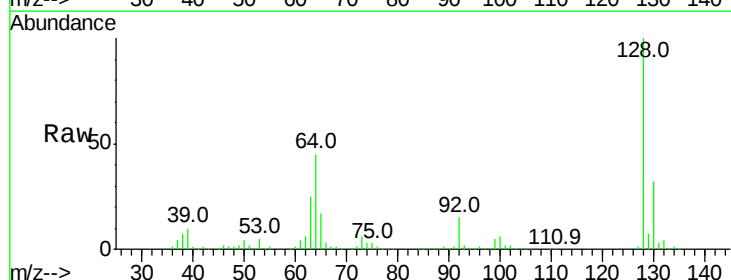
Tgt Ion: 128 Resp: 407795

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 44.9 29.4 69.4





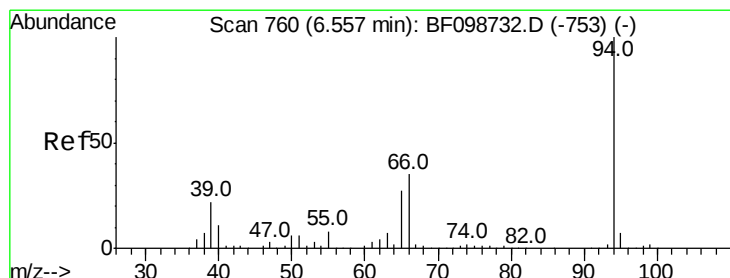
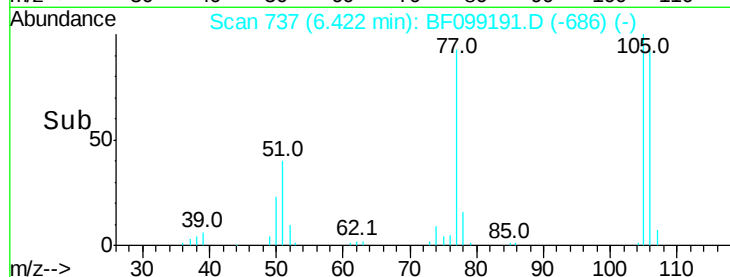
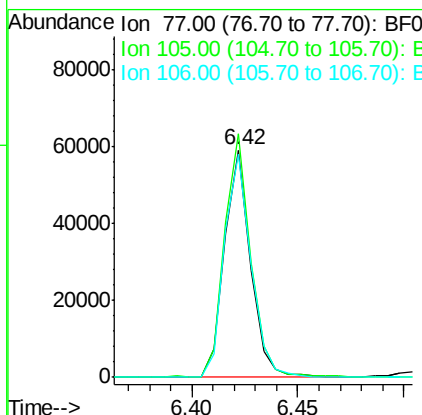
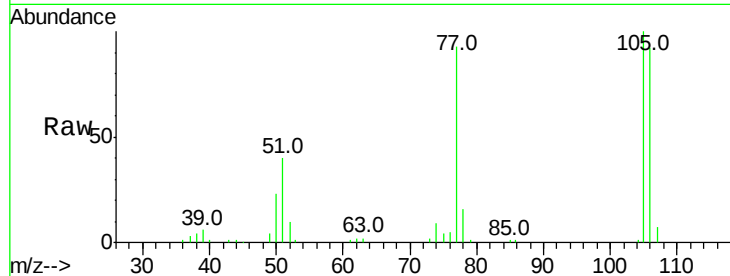
#9
Benzaldehyde
Concen: 8.233 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion: 77 Resp: 50135
Ion Ratio Lower Upper
77 100
105 107.1 81.1 121.1
106 98.3 74.5 114.5

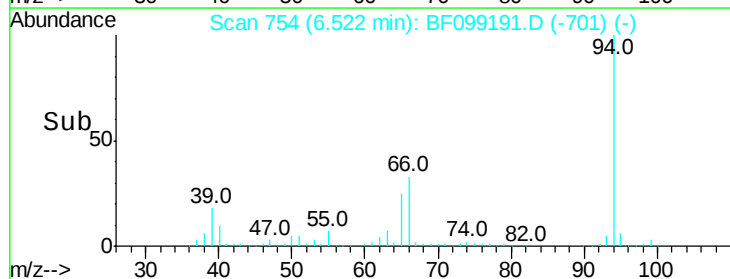
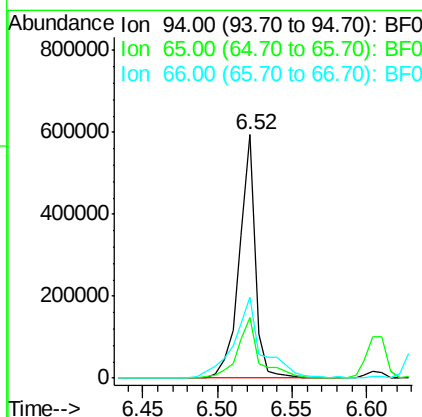
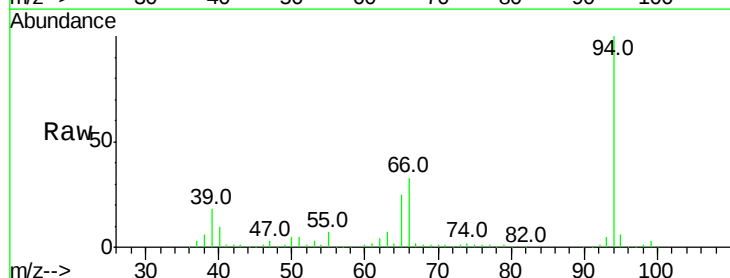
Manual Integrations
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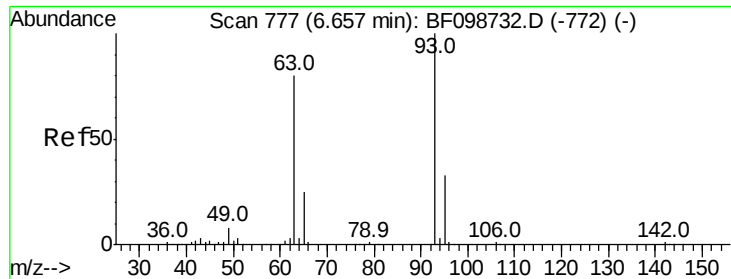
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#10
Phenol
Concen: 38.159 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion: 94 Resp: 448022
Ion Ratio Lower Upper
94 100
65 25.0 7.9 47.9
66 33.4 16.2 56.2





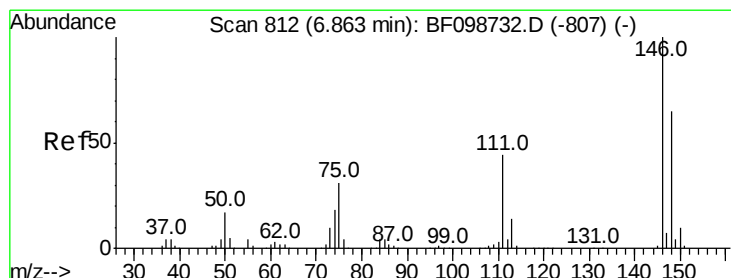
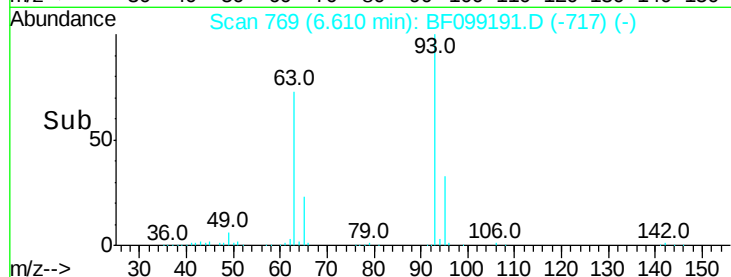
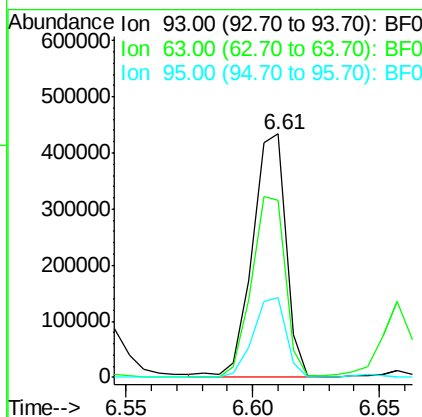
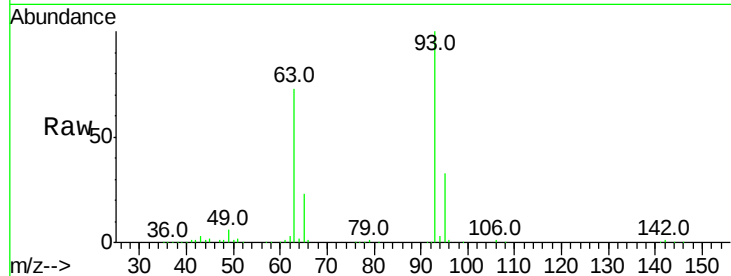
#11
bis(2-Chloroethyl)ether
Concen: 43.753 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	93	Ratio	100	Resp	Lower	Upper
93	100			399363		
63	72.8			58.6		98.6
95	32.7			11.8		51.8

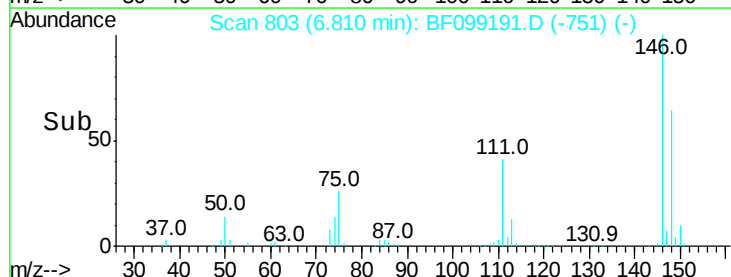
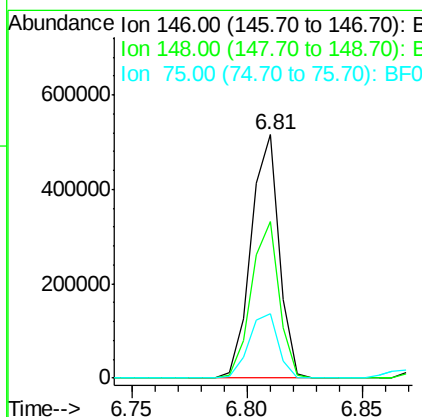
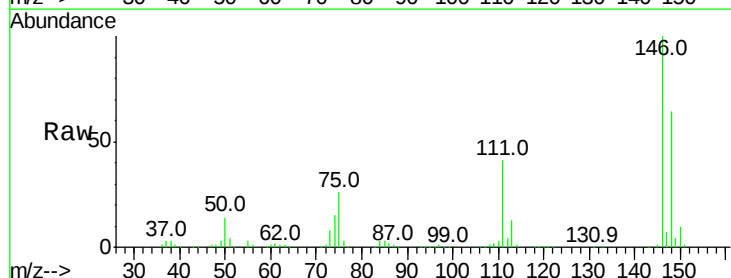
Manual Integrations
APPROVED

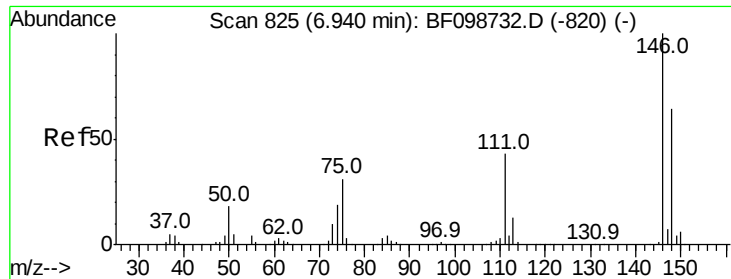
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.471 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	146	Ratio	100	Resp	Lower	Upper
146	100			438752		
148	64.2			51.8		77.8
75	26.5			24.2		36.4





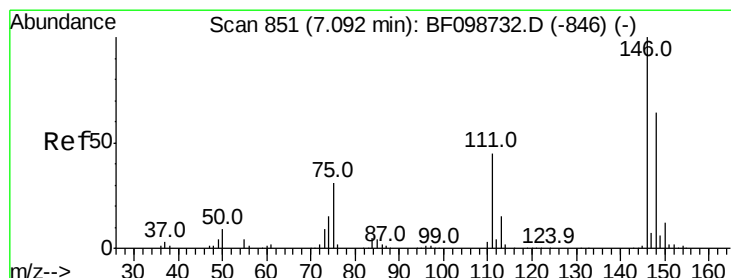
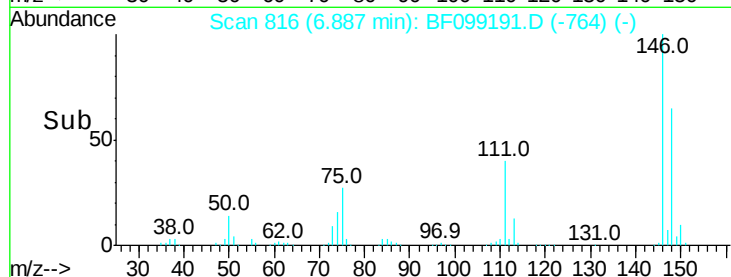
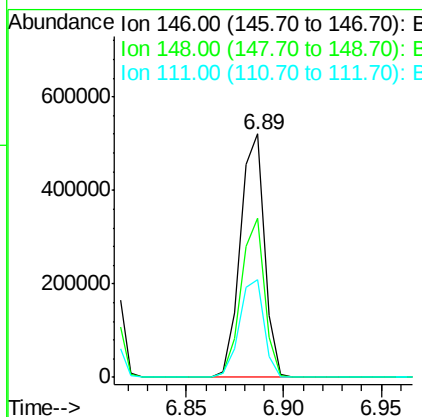
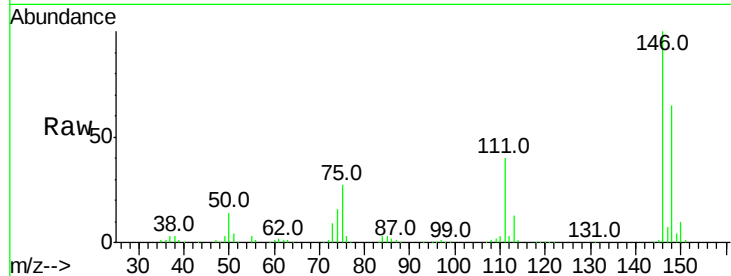
#13
 1,4-Dichlorobenzene
 Concen: 43.499 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	39.9	34.2	51.2

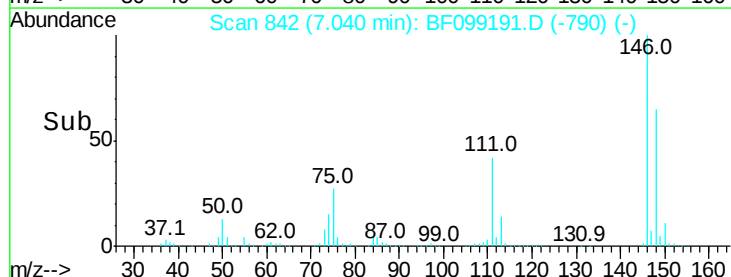
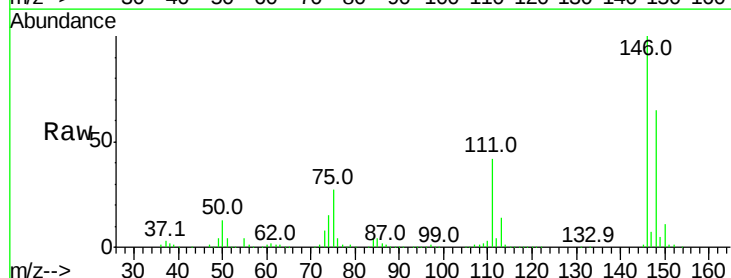
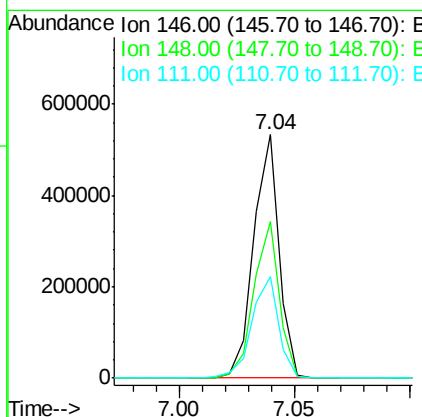
Manual Integrations
 APPROVED

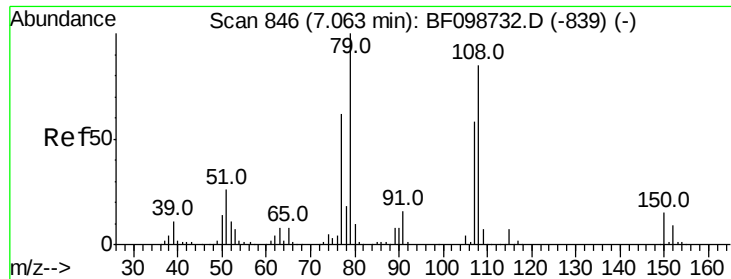
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.343 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	41.6	36.0	54.0





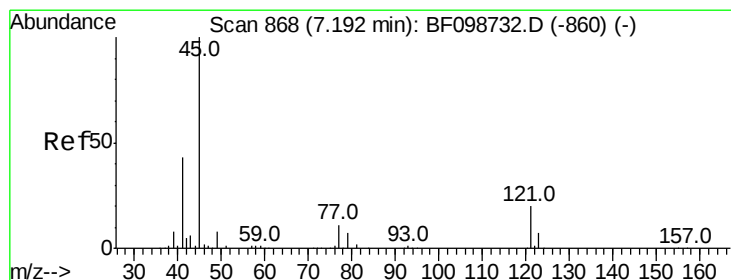
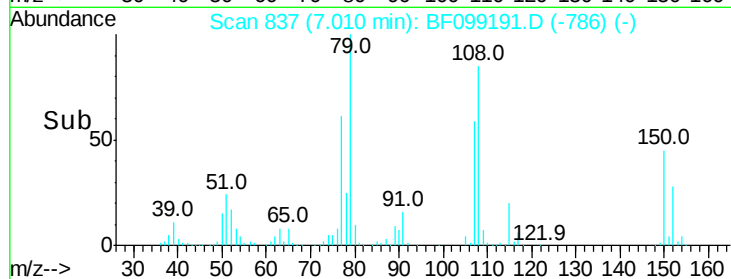
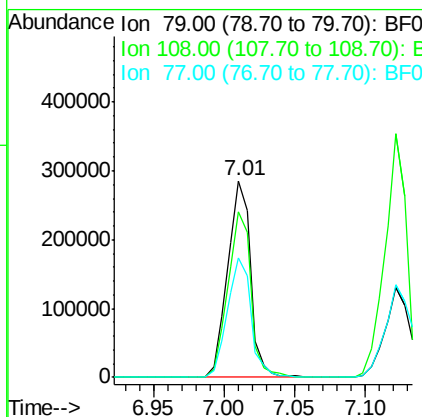
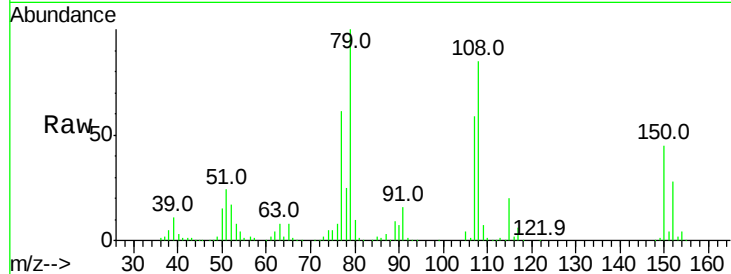
#15
Benzyl Alcohol
Concen: 41.994 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion: 79 Resp: 323419
Ion Ratio Lower Upper
79 100
108 84.5 65.1 97.7
77 61.0 50.6 75.8

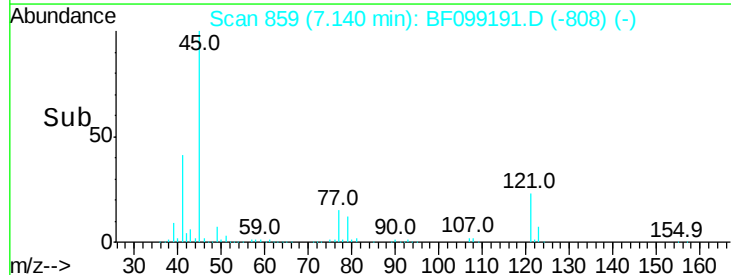
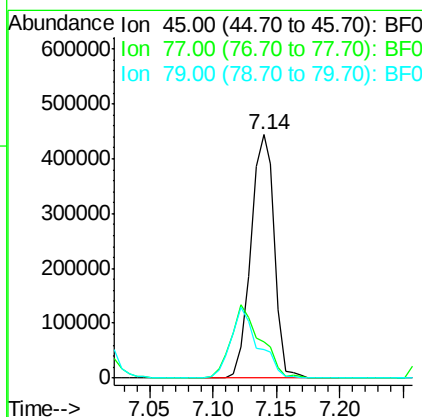
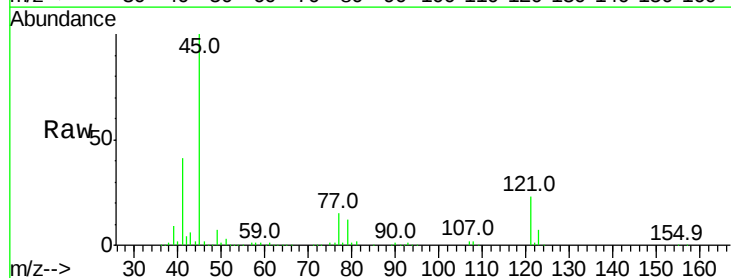
Manual Integrations
APPROVED

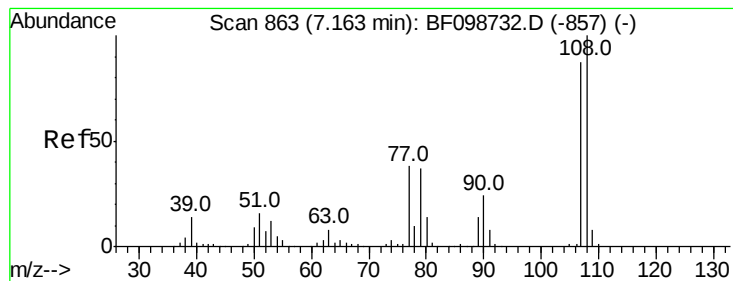
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.407 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion: 45 Resp: 574617
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.9
79 11.6 0.0 29.6





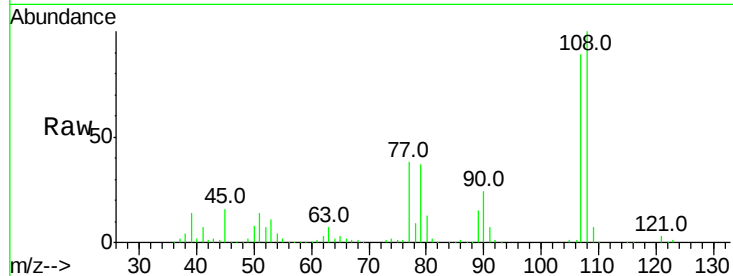
#17
2-Methylphenol
Concen: 42.535 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	42.9	33.8	50.8
79	41.4	33.8	50.8

Manual Integrations
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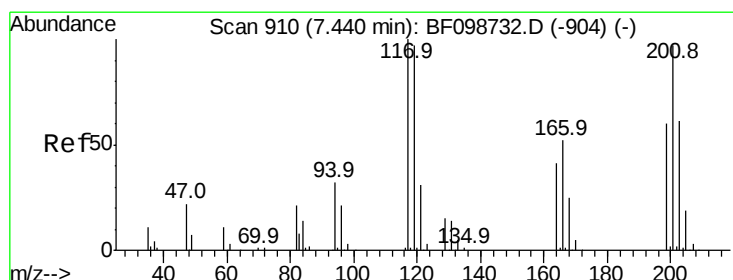
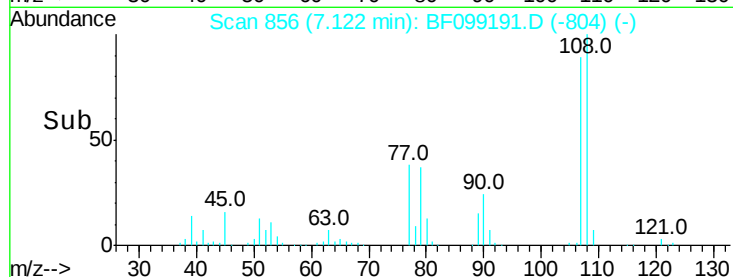
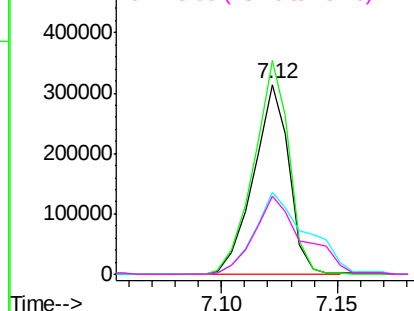
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.456 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

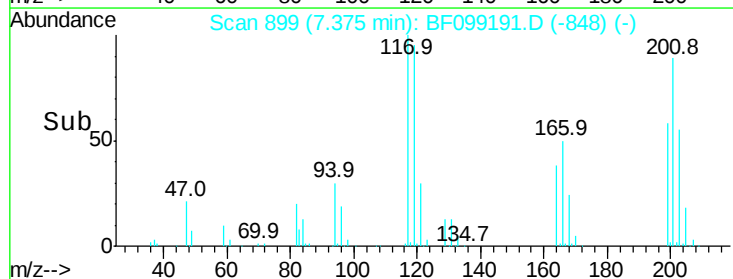
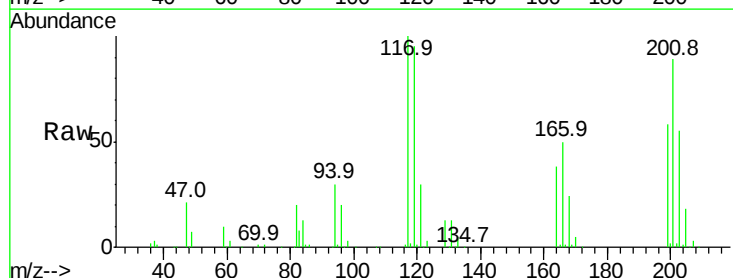
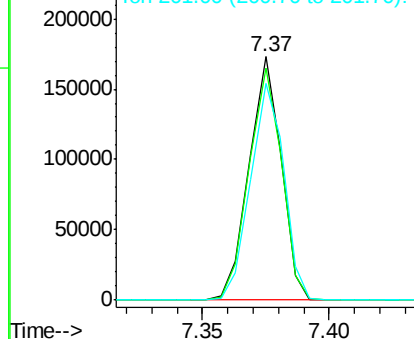
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	89.0	75.7	113.5

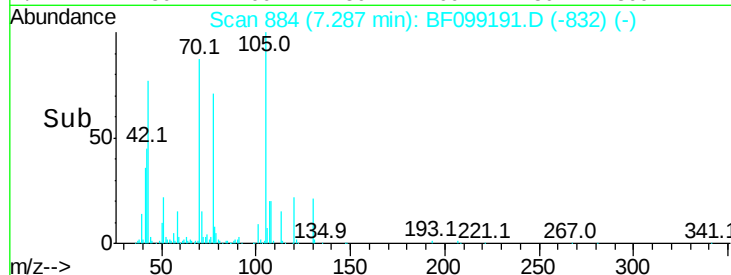
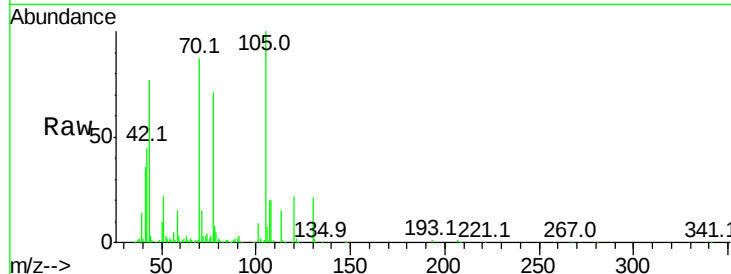
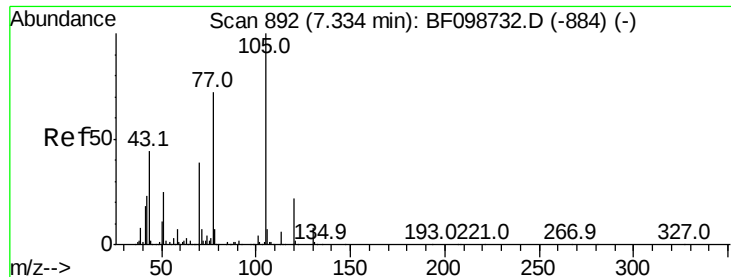
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





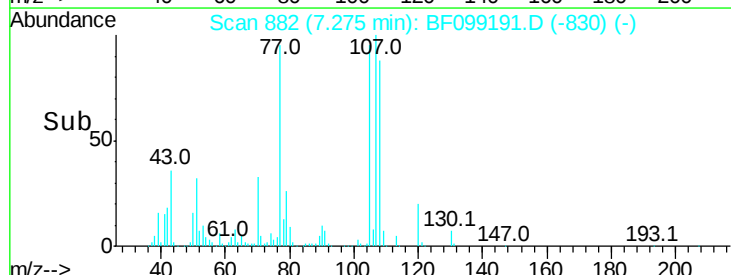
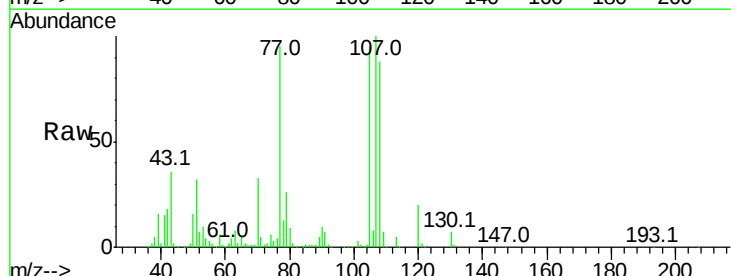
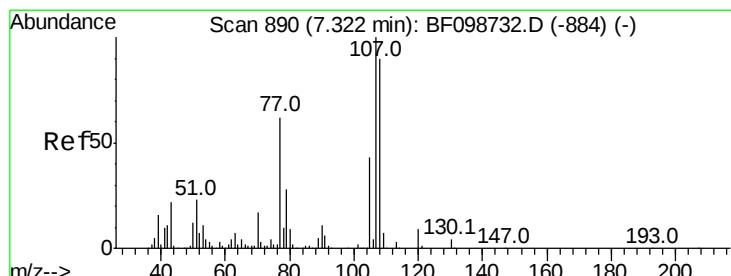
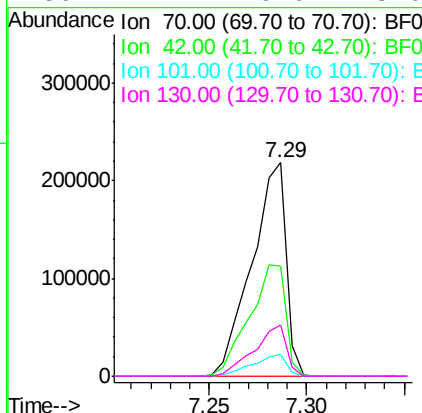
#19
n-Nitroso-di-n-propylamine
Concen: 39.897 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	70	Resp	267418
Ion Ratio	Lower	Upper	
70	100		
42	51.5	47.5	71.3
101	10.2	7.4	11.2
130	24.2	16.6	25.0

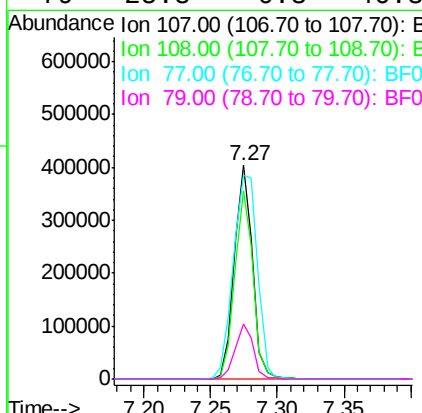
Manual Integrations
APPROVED

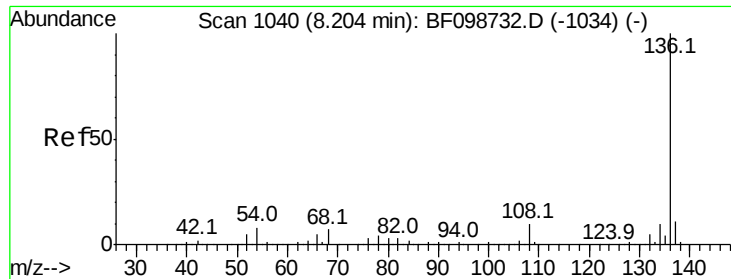
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#20
3+4-Methylphenols
Concen: 38.938 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	107	Resp	388433
Ion Ratio	Lower	Upper	
107	100		
108	88.0	68.2	108.2
77	95.1	26.7	66.7#
79	25.8	6.3	46.3





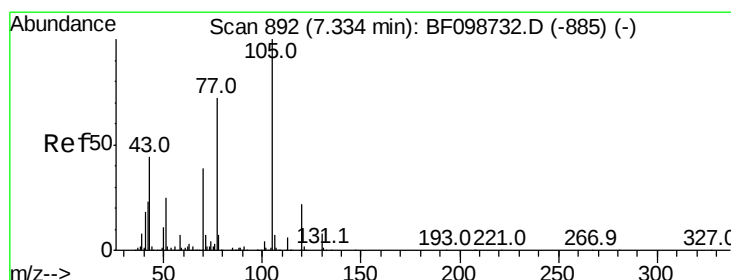
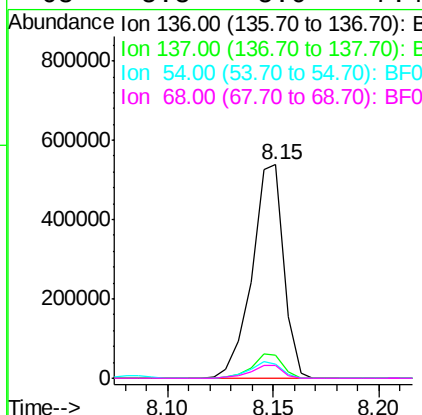
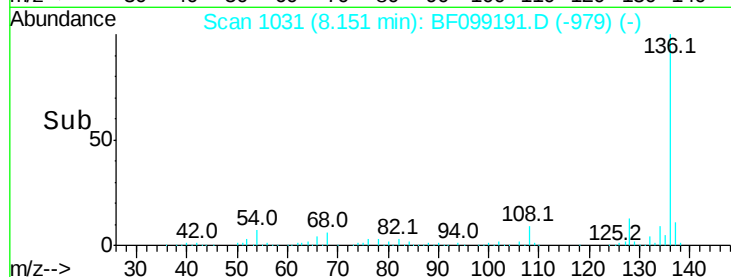
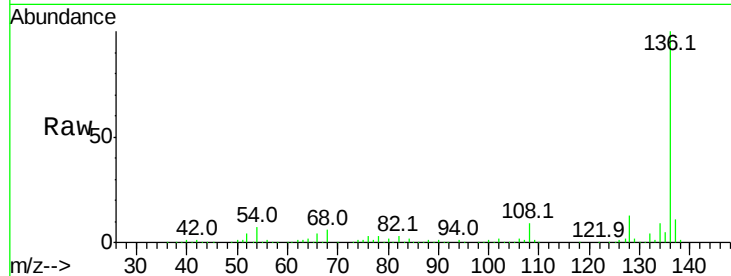
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.9	6.6	9.8	
68	5.8	5.0	7.4	

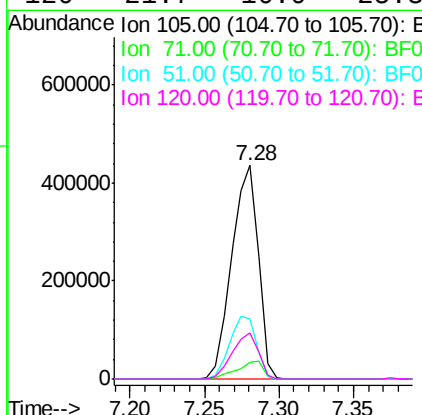
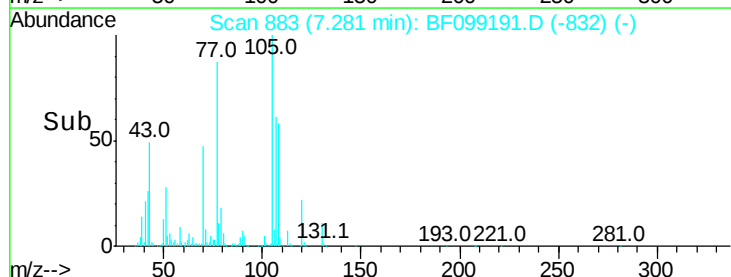
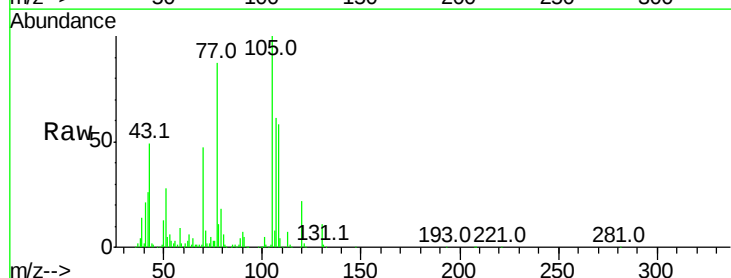
Manual Integrations
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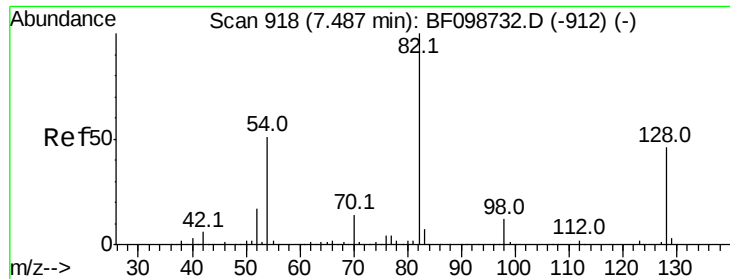
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#22
Acetophenone
Concen: 39.754 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6#	
51	28.1	22.3	33.5	
120	21.7	16.9	25.3	





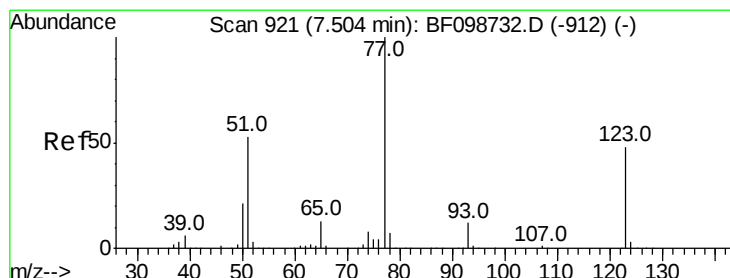
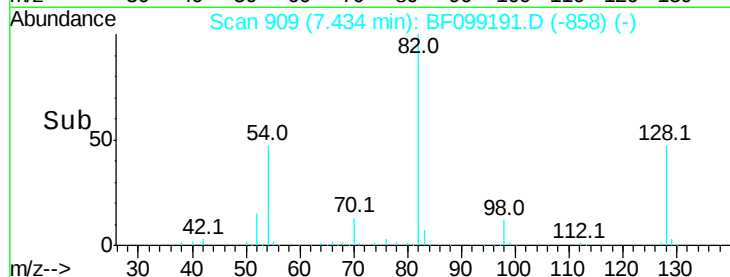
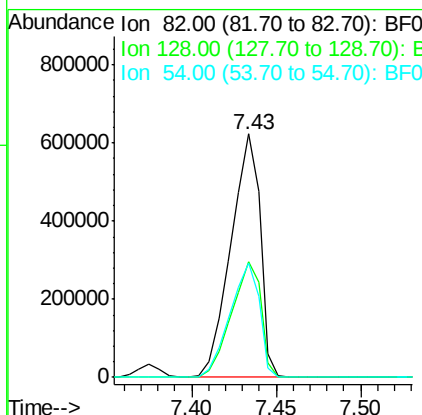
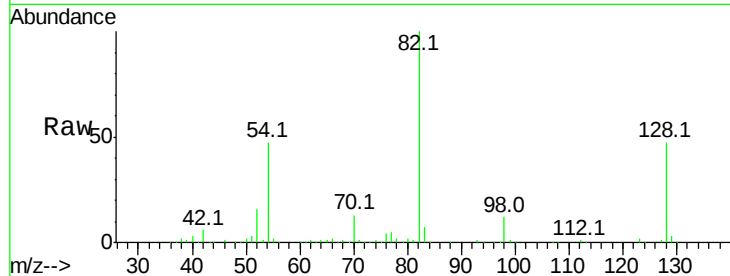
#23
 Nitrobenzene-d5
 Concen: 85.515 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	47.1	41.4	62.2

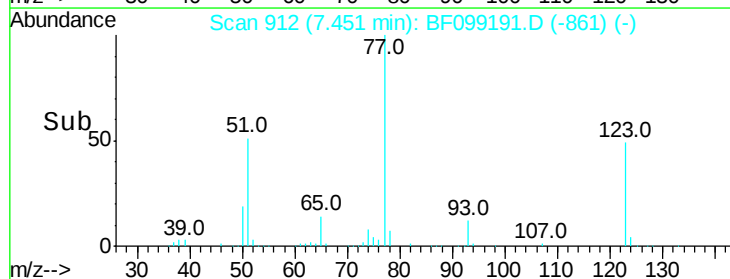
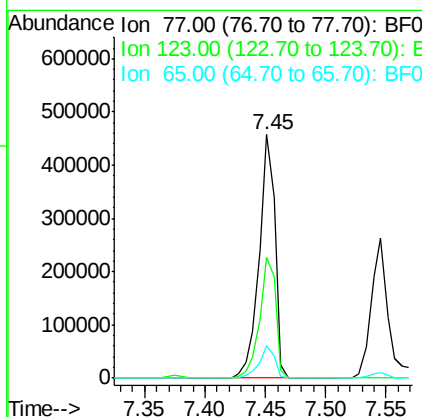
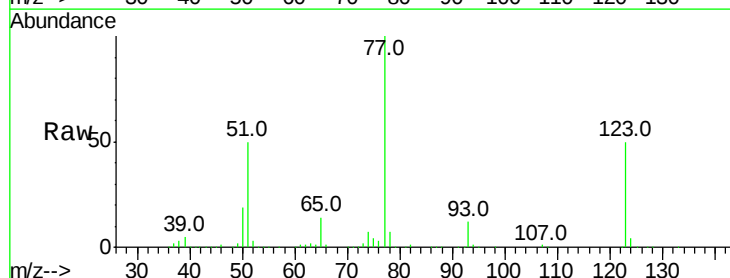
Manual Integrations
 APPROVED

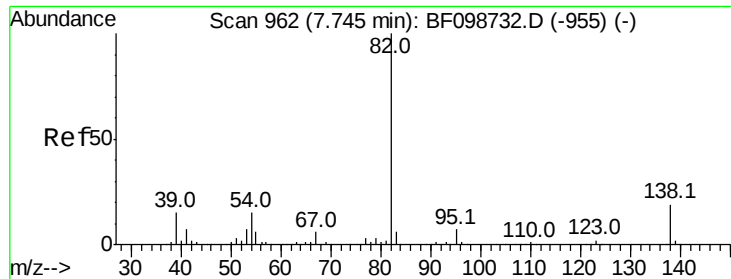
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#24
 Nitrobenzene
 Concen: 42.262 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 43.061 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

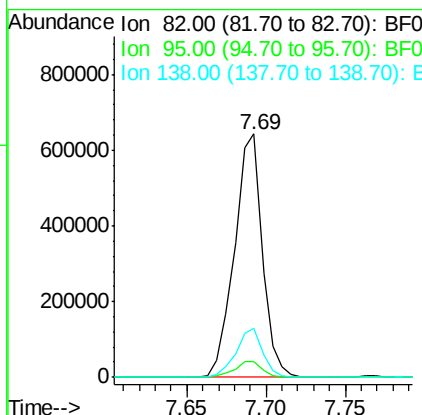
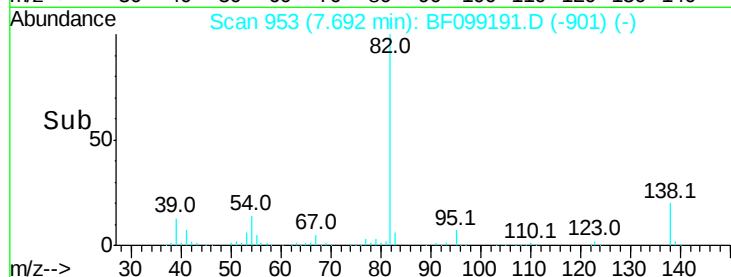
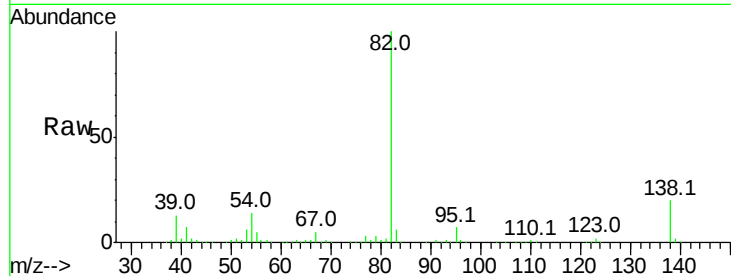
ClientSampleId :

SP-A-100217MS

Tot Ion:	82	Resp:	782348
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: 48.946 ng

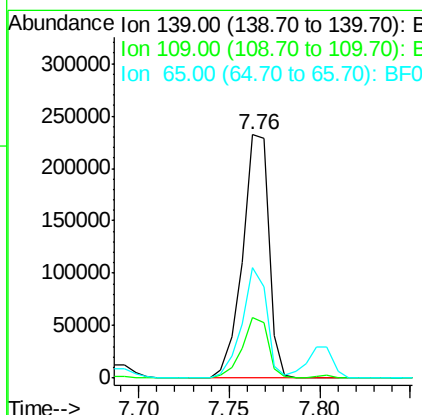
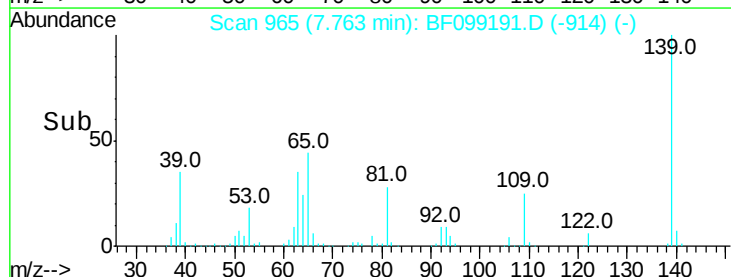
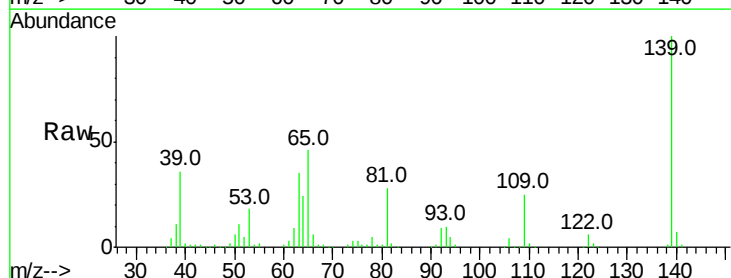
RT: 7.76 min Scan# 965

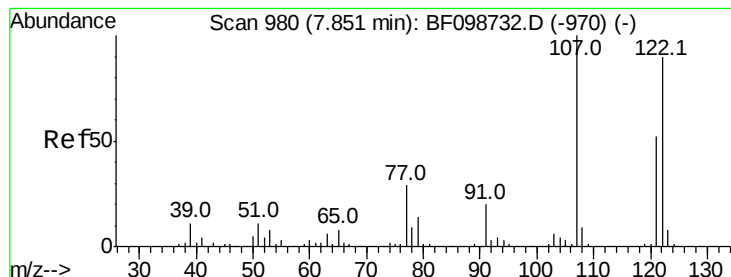
Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:	139	Resp:	234623
Ion Ratio	Lower	Upper	
139	100		
109	24.8	22.7	34.1
65	45.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.713 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

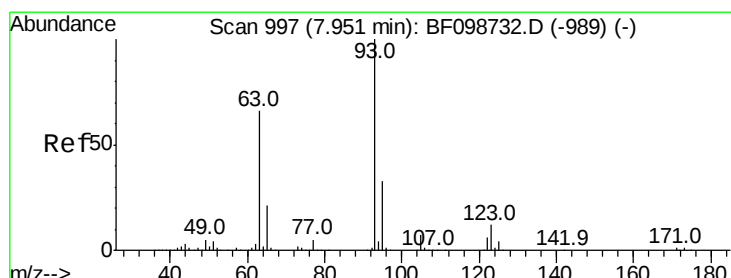
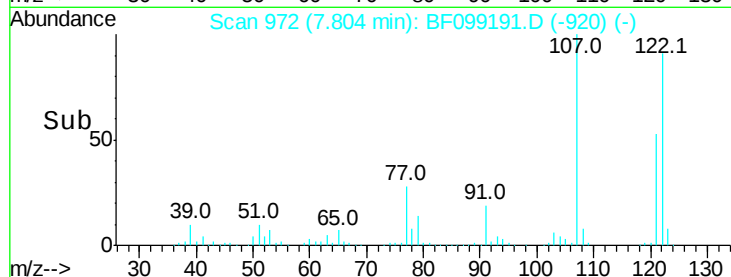
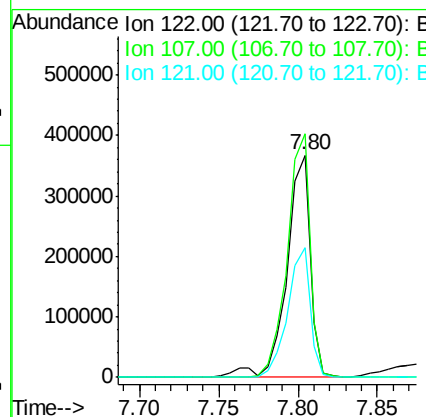
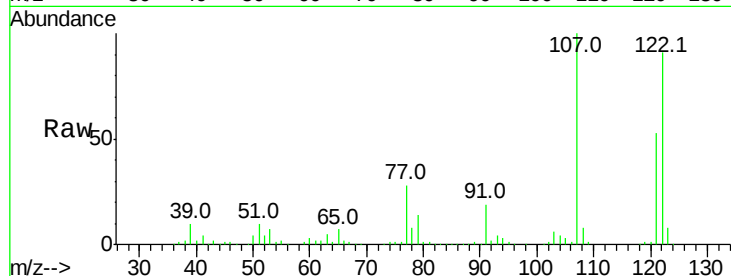
ClientSampleId :

SP-A-100217MS

Tot Ion:	122	Resp:	377615
Ion Ratio	Lower	Upper	
122	100		
107	109.6	91.2	136.8
121	58.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.532 ng

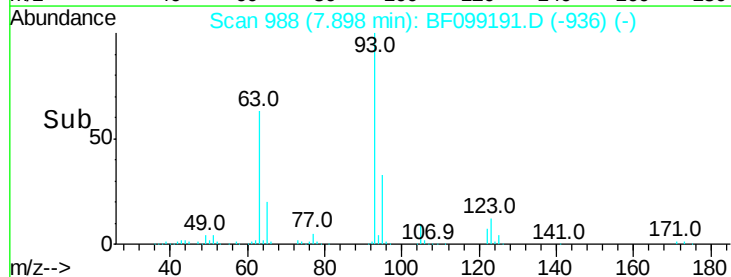
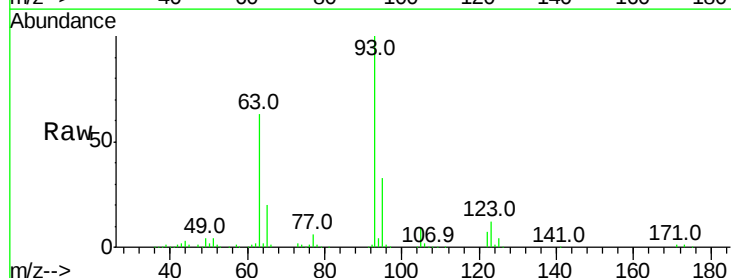
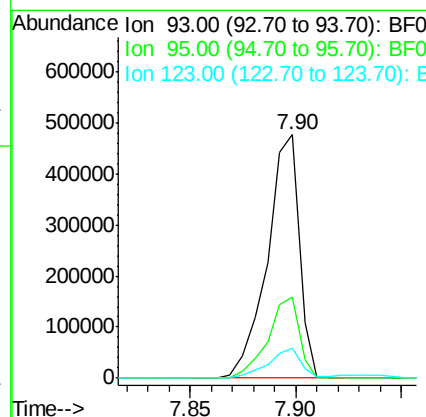
RT: 7.90 min Scan# 988

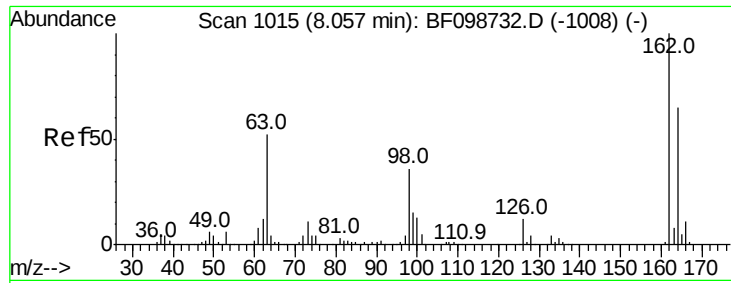
Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:	93	Resp:	504199
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.1	9.8	14.6





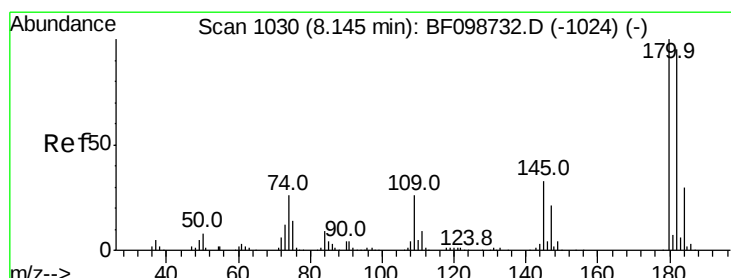
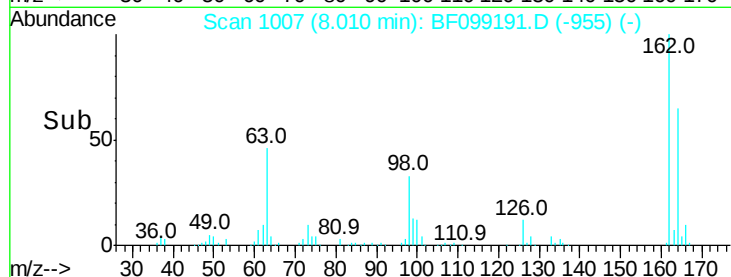
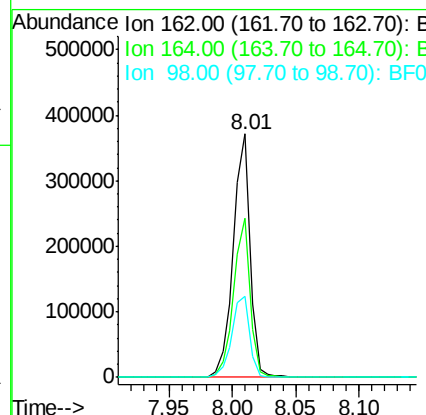
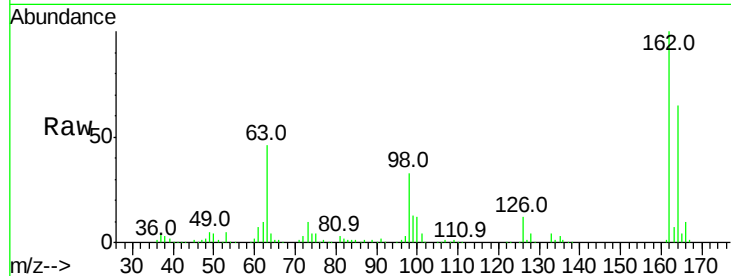
#29
 2,4-Dichlorophenol
 Concen: 43.959 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	42.7	82.7
98	33.4	18.1	58.1

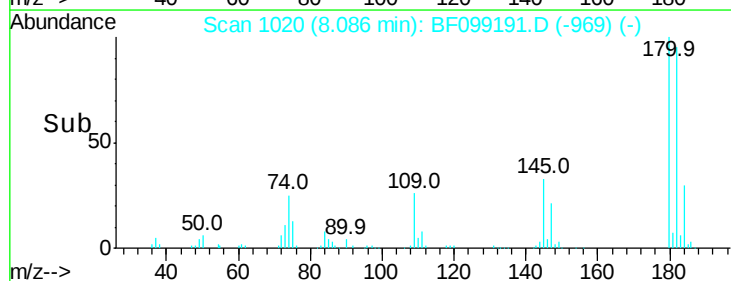
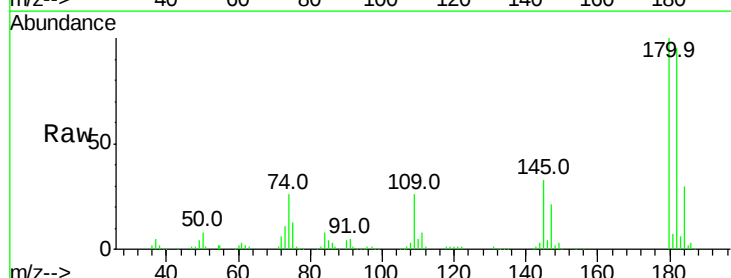
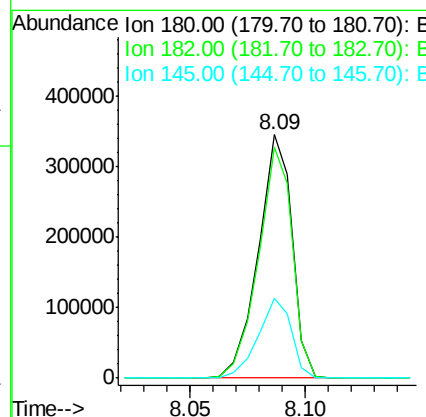
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.131 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	76.8	115.2
145	32.7	26.5	39.7





#31

Naphthalene

Concen: 43.674 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MS

Tot Ion:128 Resp: 1155943

Ion Ratio Lower Upper

128 100

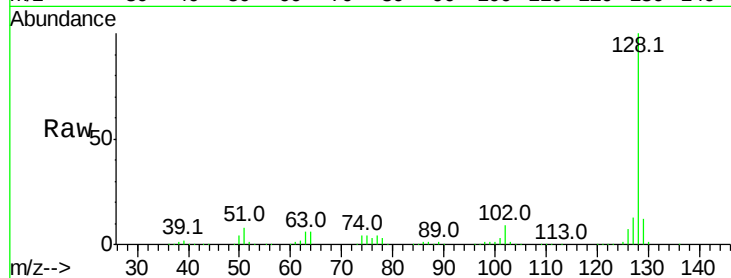
129 11.8 8.8 13.2

127 13.4 10.9 16.3

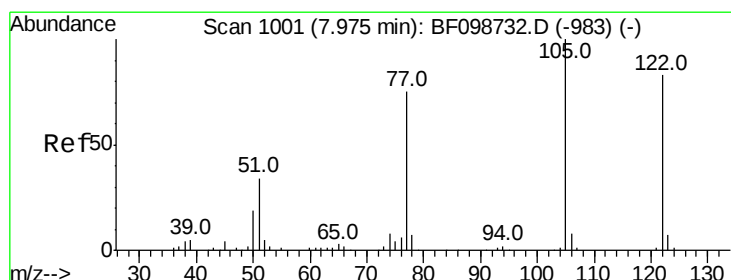
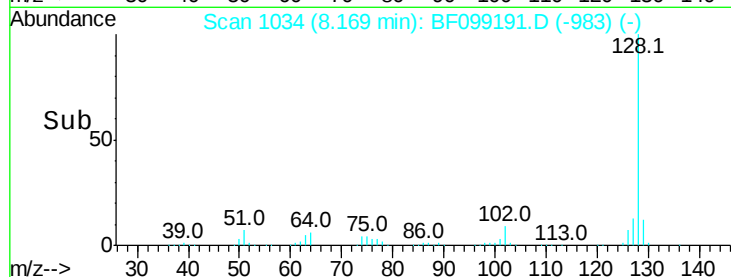
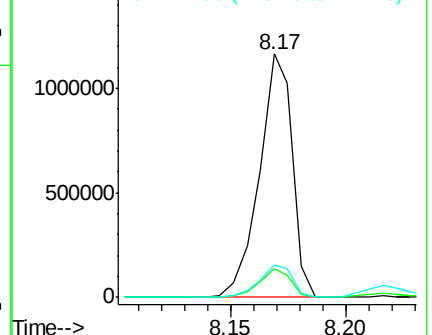
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.267 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

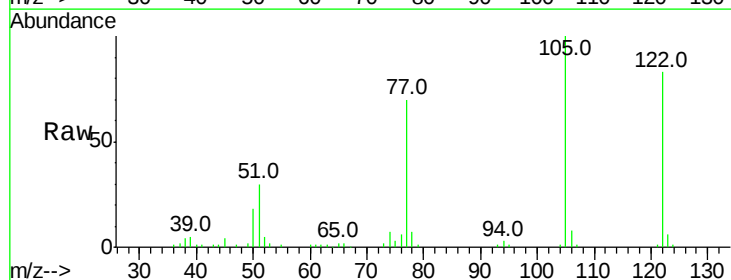
Tgt Ion:122 Resp: 239939

Ion Ratio Lower Upper

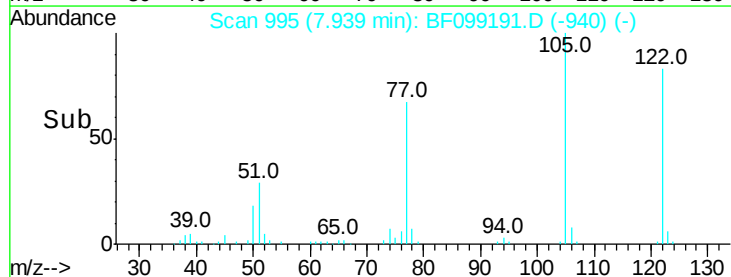
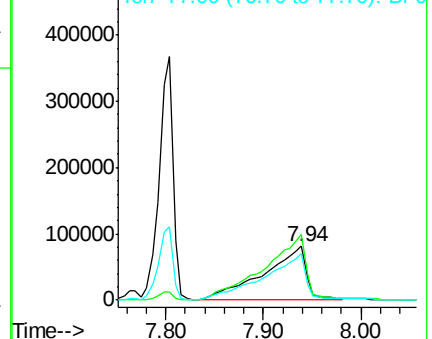
122 100

105 121.2 101.1 141.1

77 85.3 70.7 110.7



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





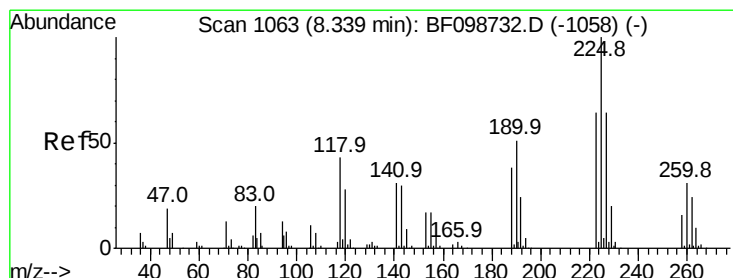
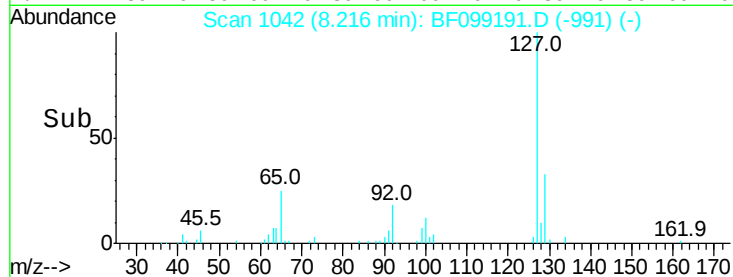
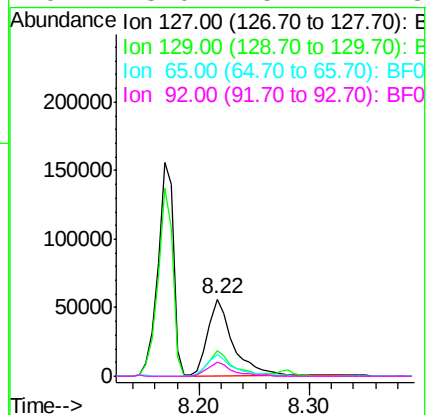
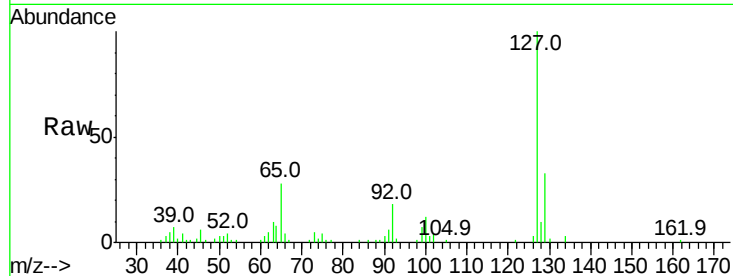
#33
4-Chloroaniline
Concen: 7.972 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.3	25.0	37.4
92	18.0	15.2	22.8

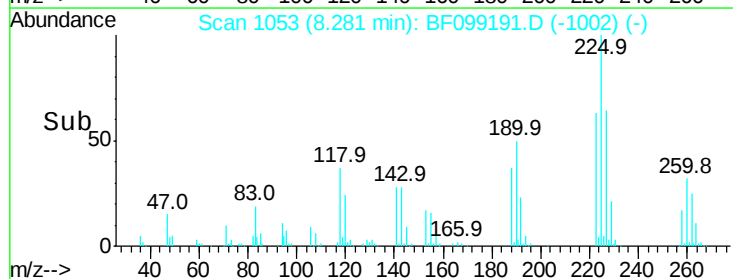
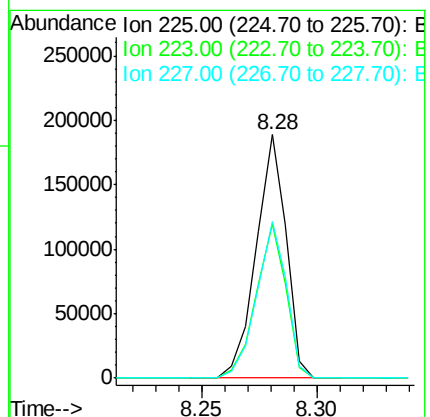
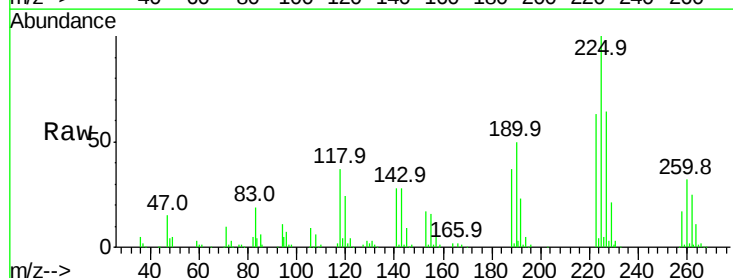
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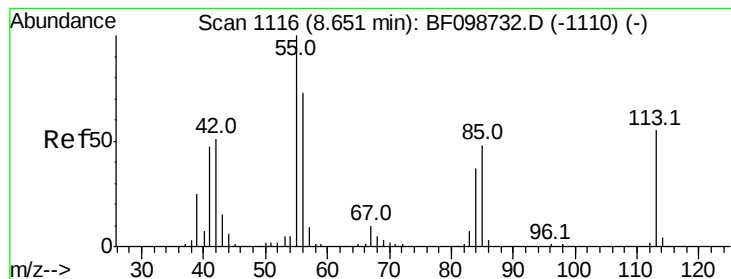
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#34
Hexachlorobutadiene
Concen: 42.842 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 41.028 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

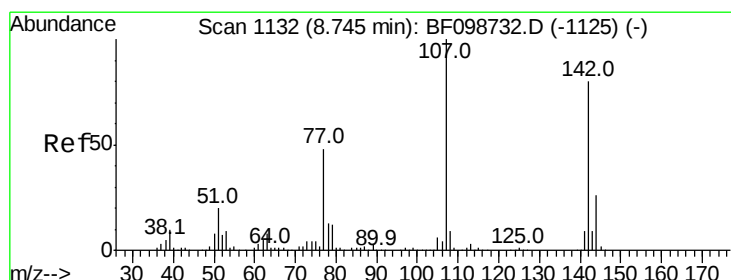
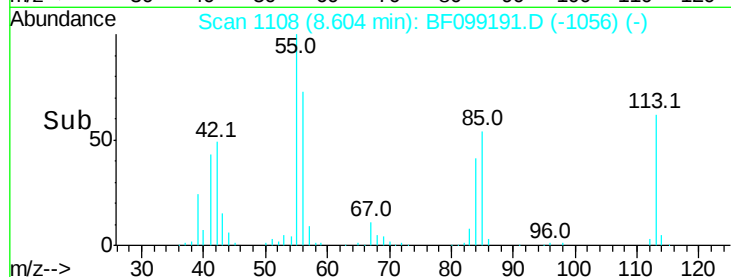
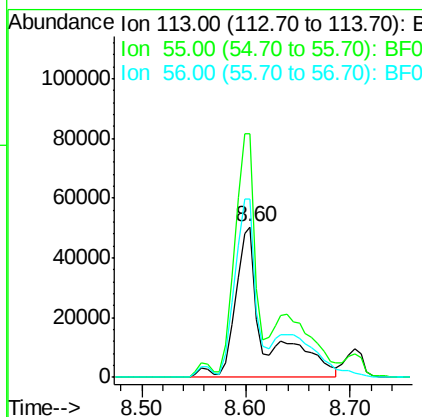
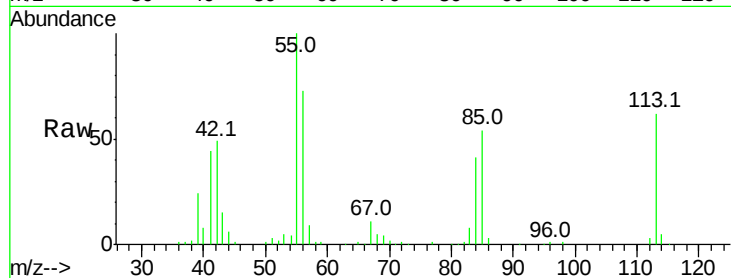
ClientSampled :

SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.1	163.3	203.3#
56	118.5	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.713 ng/ml

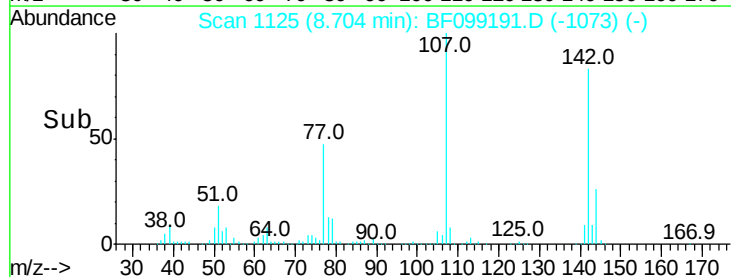
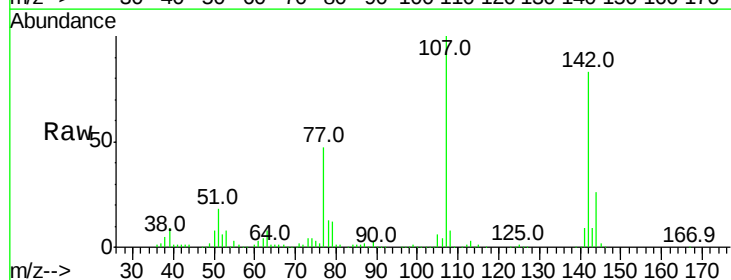
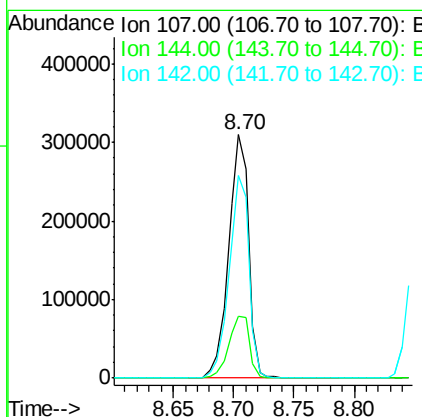
RT: 8.70 min Scan# 1125

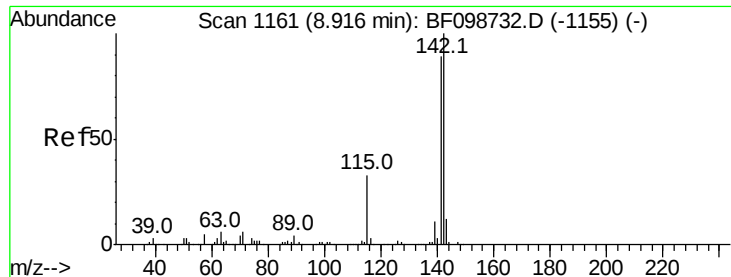
Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	83.1	62.0	93.0





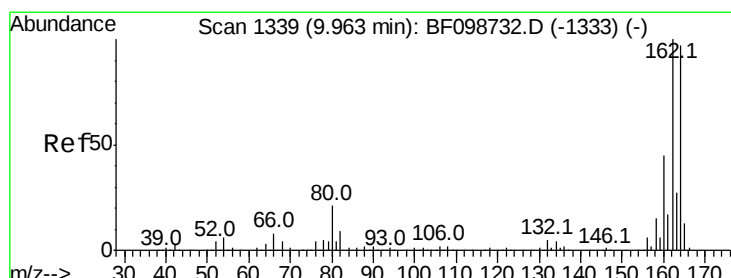
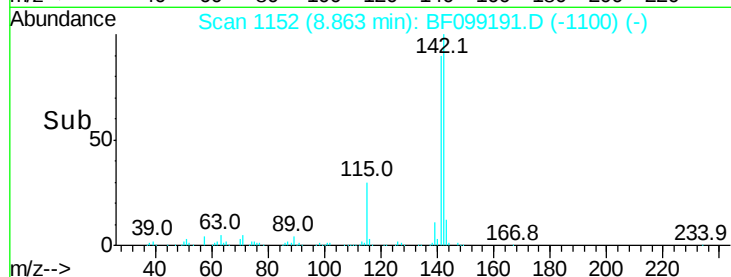
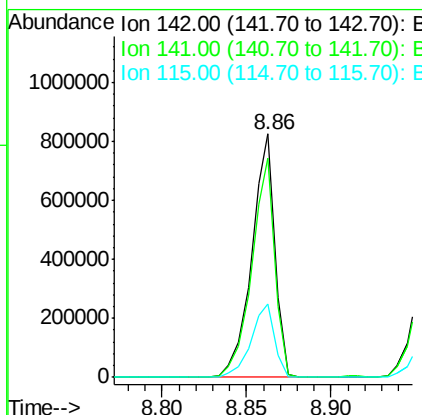
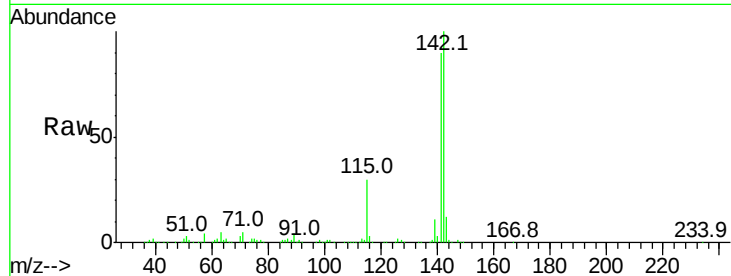
#37
2-Methylnaphthalene
Concen: 45.965 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	30.3	26.1	39.1

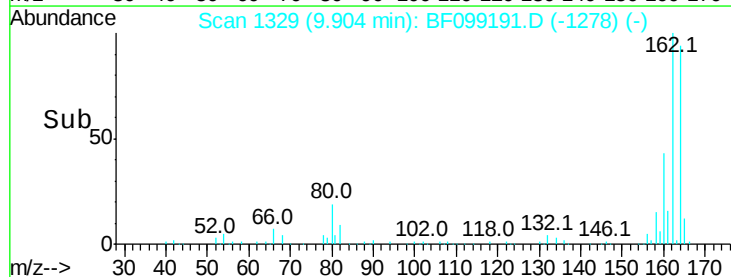
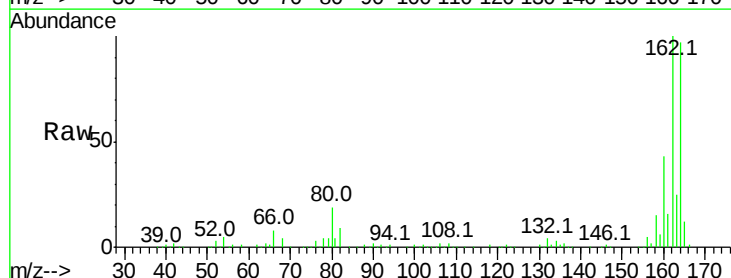
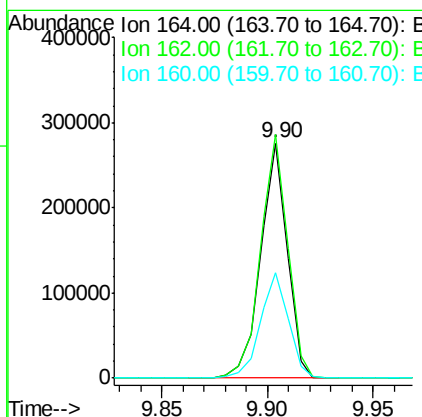
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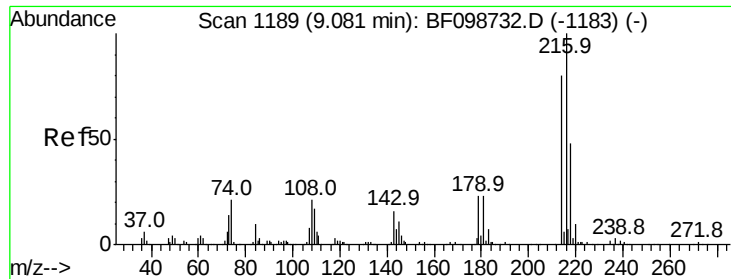
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.7	38.3	57.5





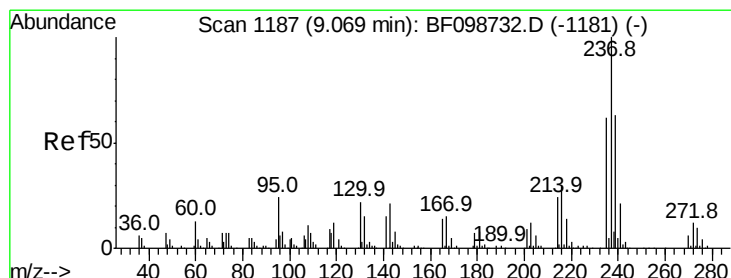
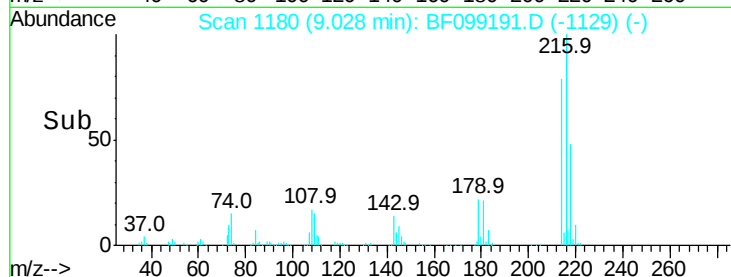
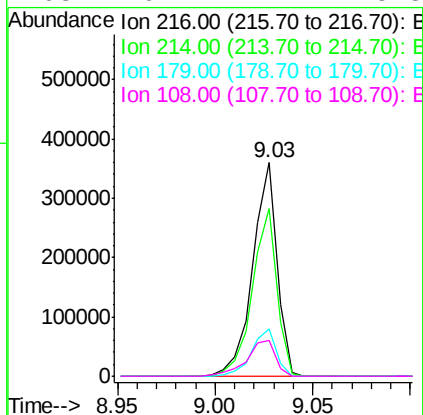
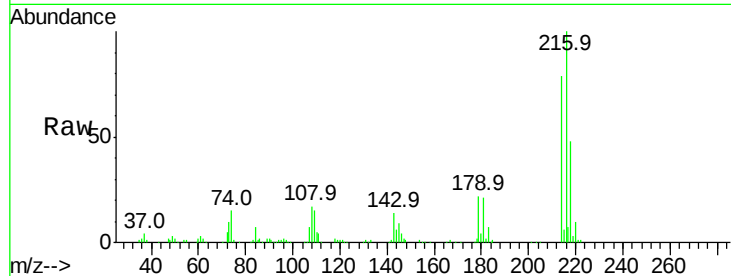
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.078 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.6	18.1	27.1
108	20.2	17.2	25.8

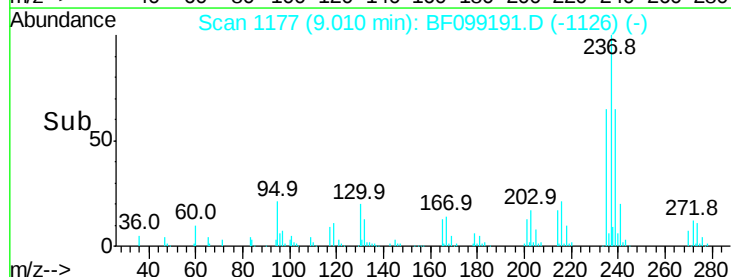
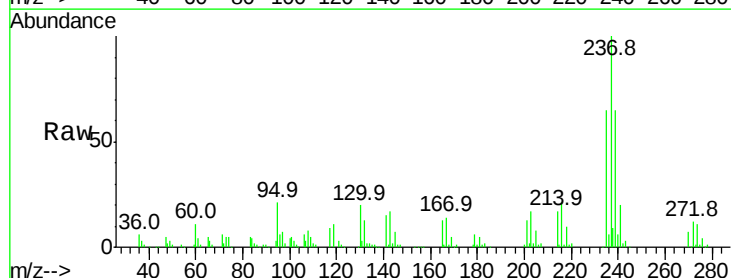
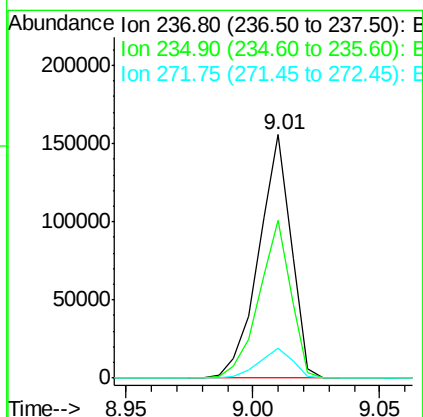
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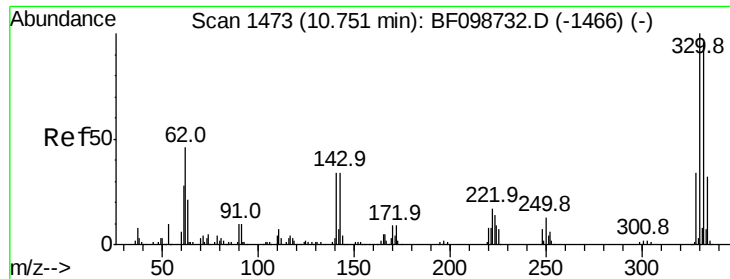
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#40
 Hexachlorocyclopentadiene
 Concen: 42.086 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	44.8	84.8
272	12.4	0.0	33.3





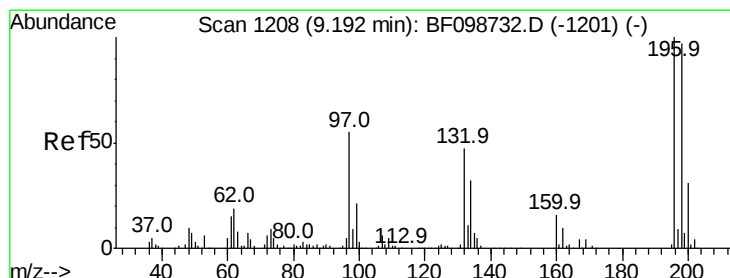
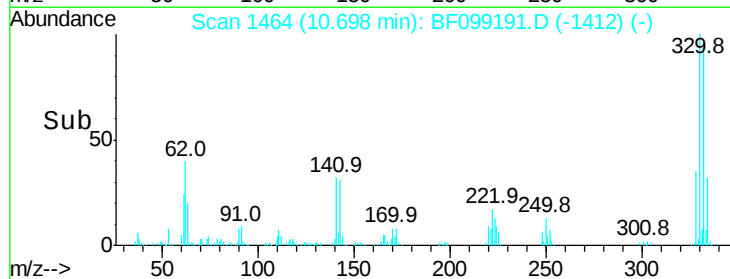
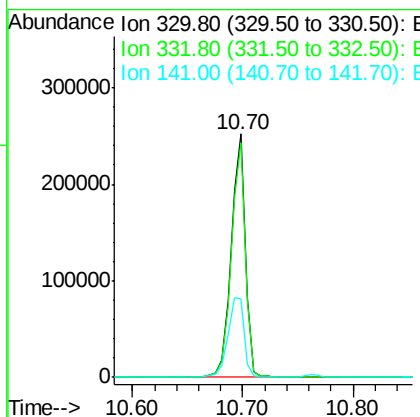
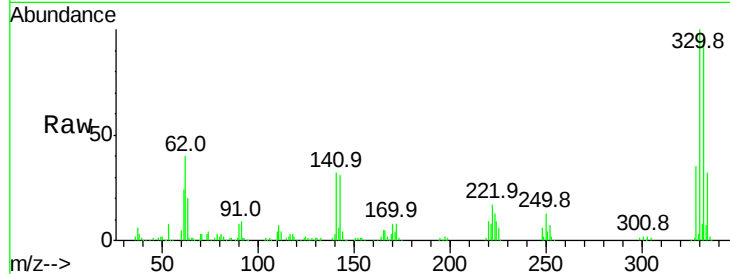
#41
 2,4,6-Tribromophenol
 Concen: 114.515 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227679		
332	96.4	77.0	115.6	
141	37.7	29.9	44.9	

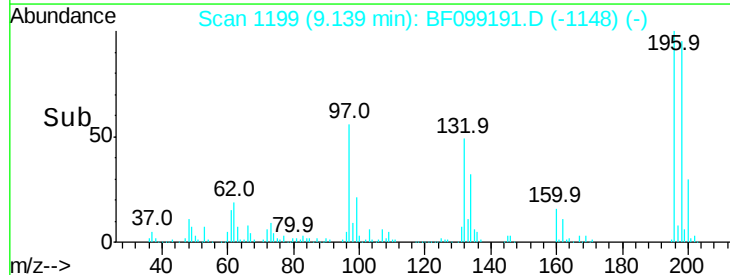
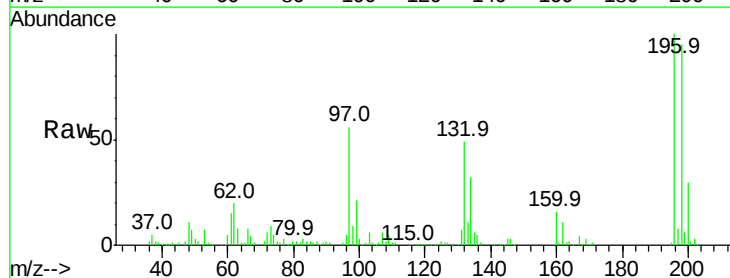
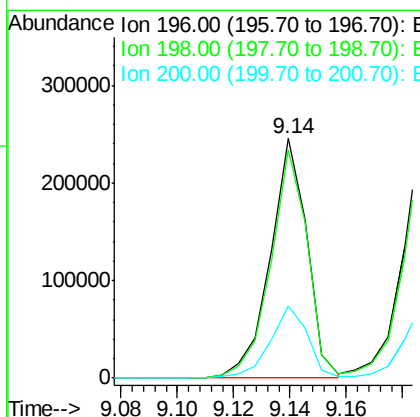
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#42
 2,4,6-Trichlorophenol
 Concen: 43.109 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221300		
198	95.0	75.7	113.5	
200	30.2	24.5	36.7	





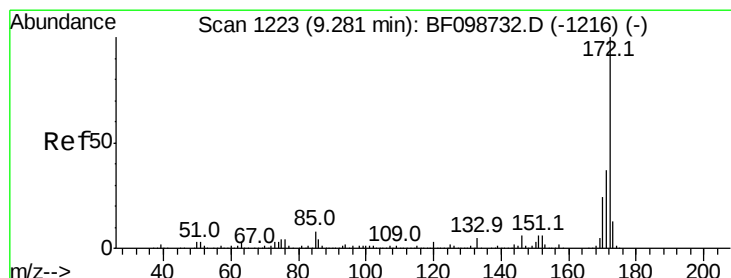
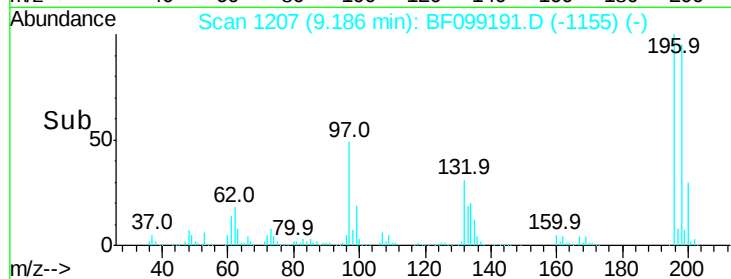
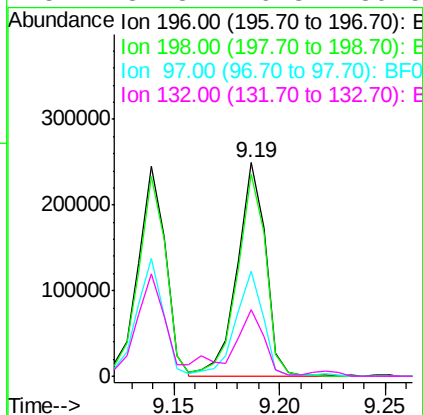
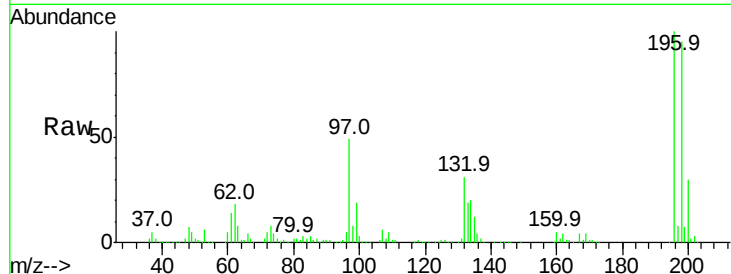
#43
 2,4,5-Trichlorophenol
 Concen: 44.981 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230507		
198	94.9	74.6	112.0	
97	49.3	42.9	64.3	
132	31.3	26.3	39.5	

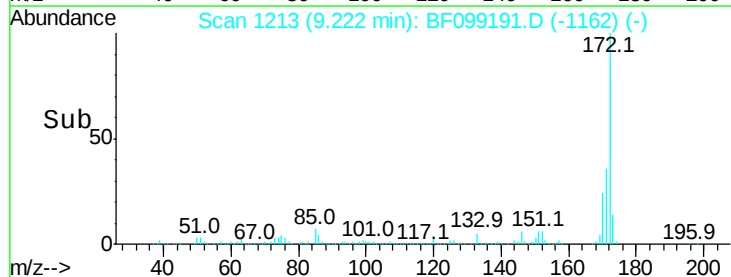
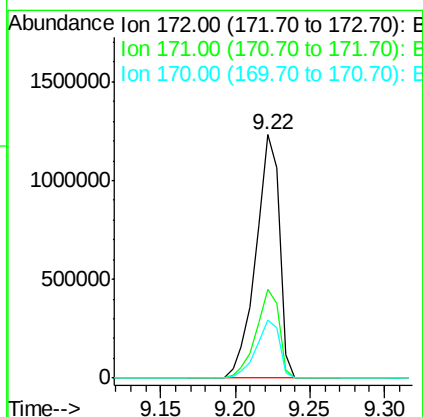
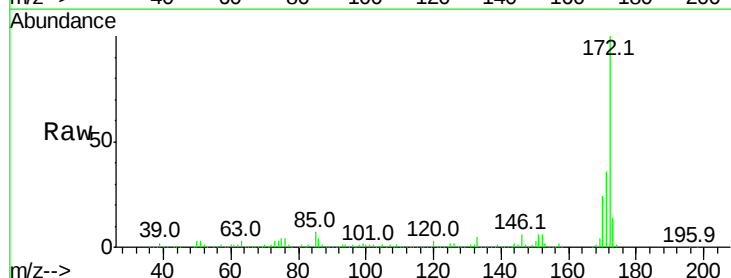
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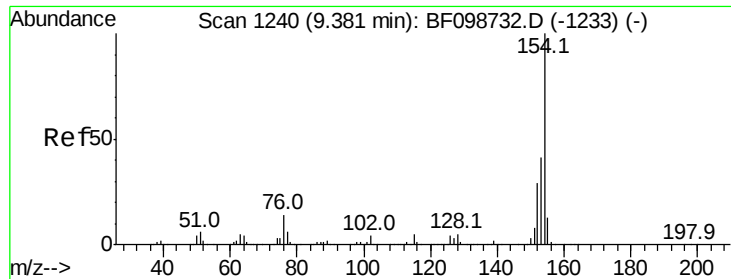
Sohil
 10/9/2017 6:33:52 PM



#44
 2-Fluorobiphenyl
 Concen: 91.325 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1329200		
171	36.4	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 43.298 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

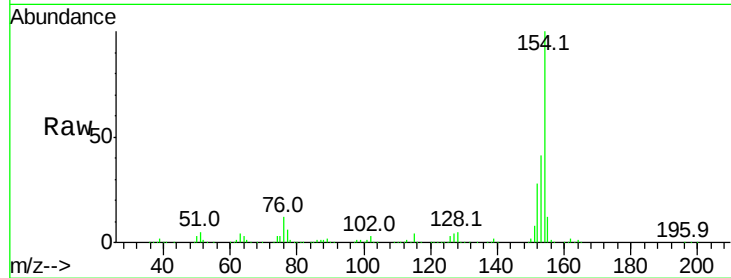
ClientSampleId :

SP-A-100217MS

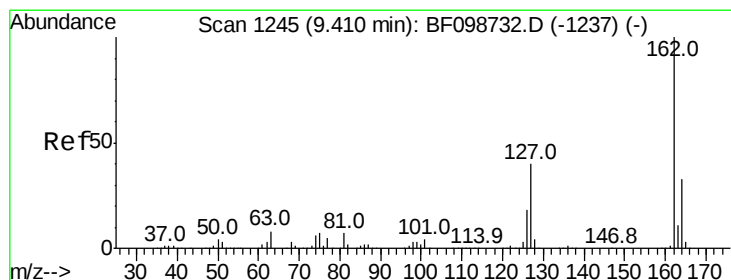
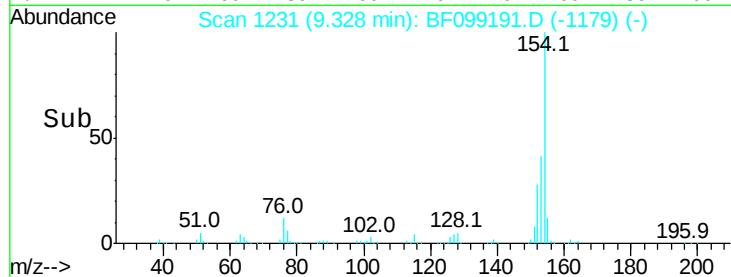
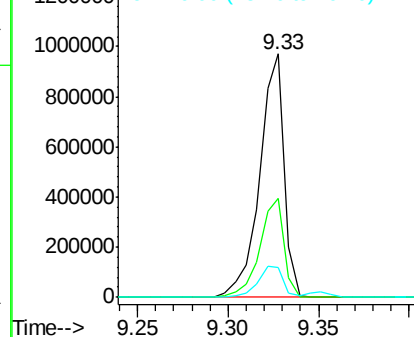
Tot Ion	154	Resp	904156
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.1	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.382 ng

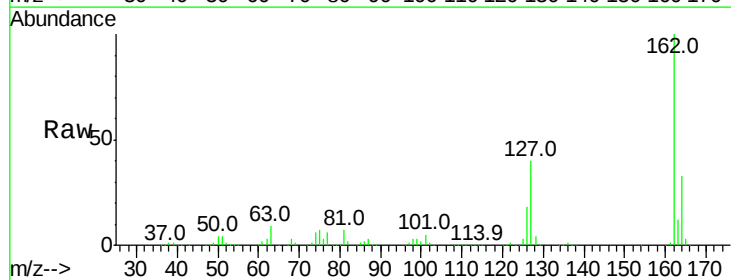
RT: 9.35 min Scan# 1235

Delta R.T. 0.00 min

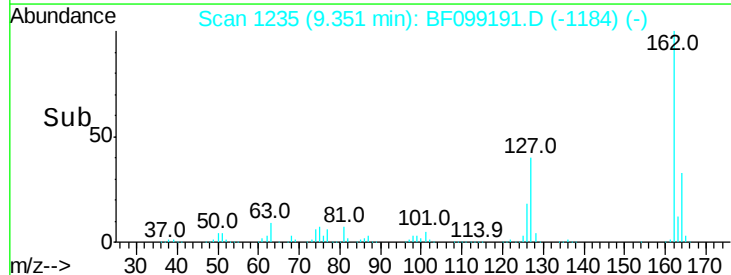
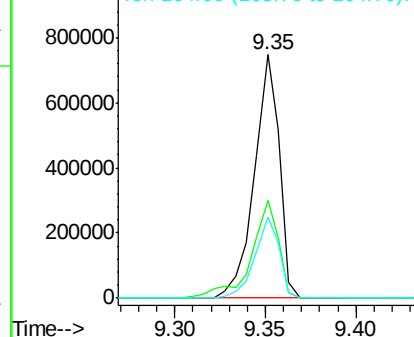
Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion	162	Resp	711536
Ion Ratio	Lower	Upper	
162	100		
127	40.2	33.9	50.9
164	33.1	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





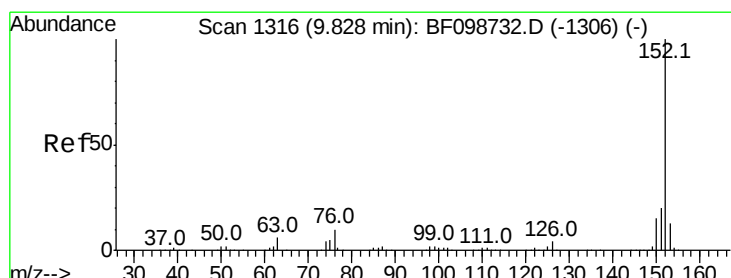
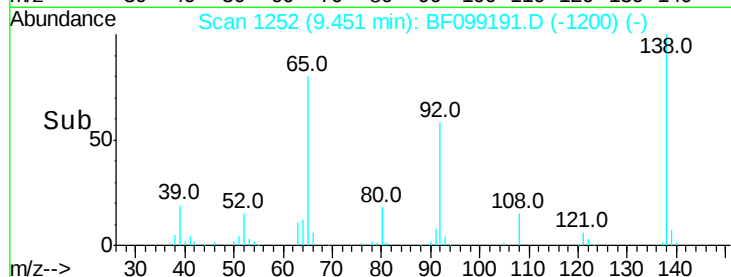
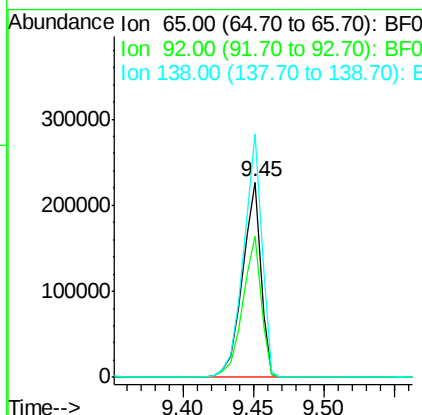
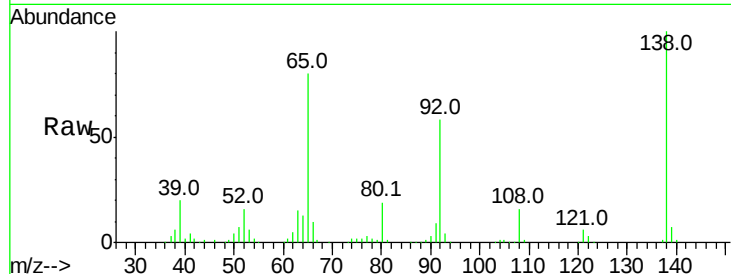
#47
2-Nitroaniline
Concen: 43.106 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	124.7	91.2	136.8

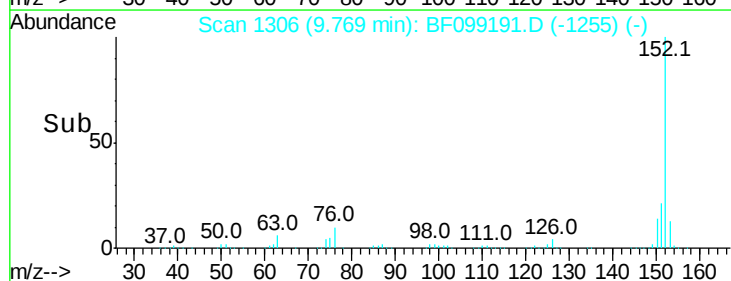
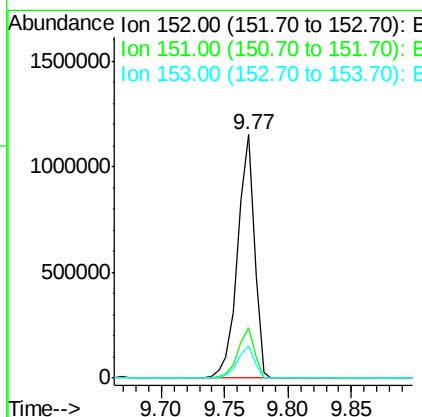
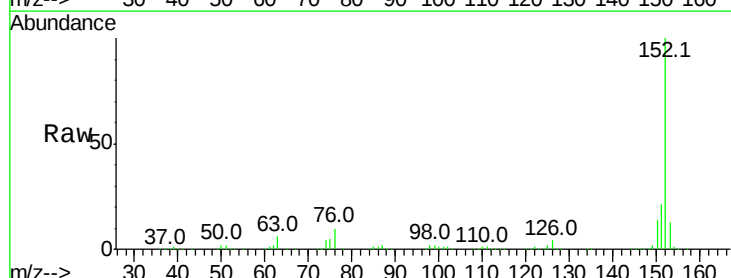
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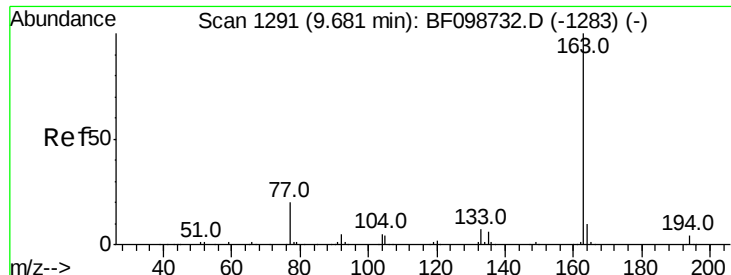
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#48
Acenaphthylene
Concen: 43.635 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





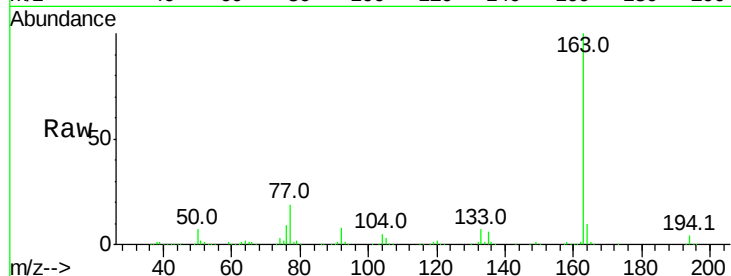
#49
 Dimethylphthalate
 Concen: 46.589 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

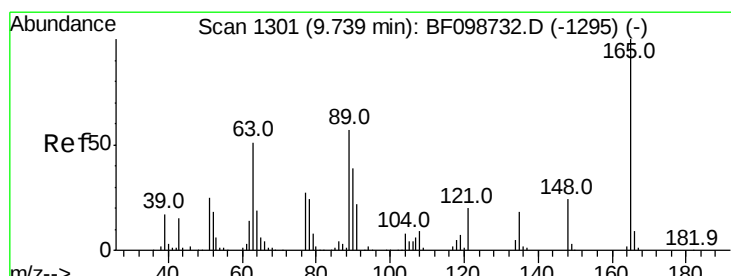
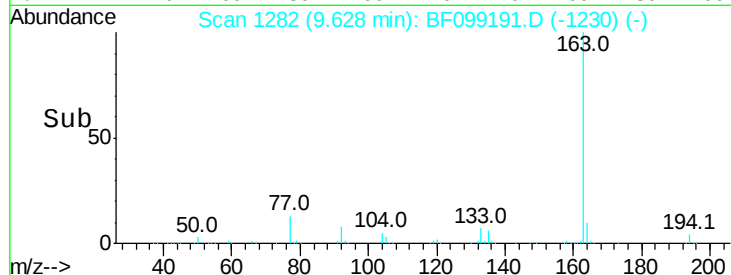
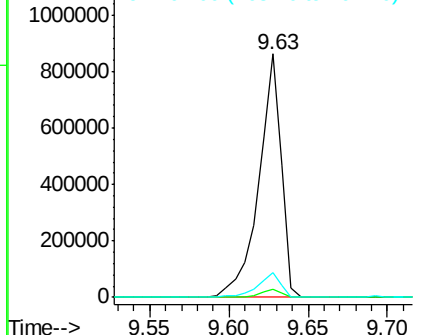
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.1	8.2	12.2	

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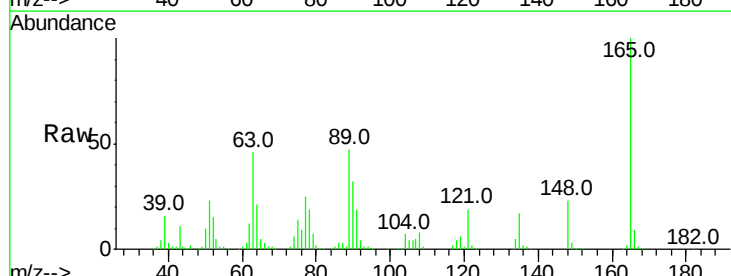


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

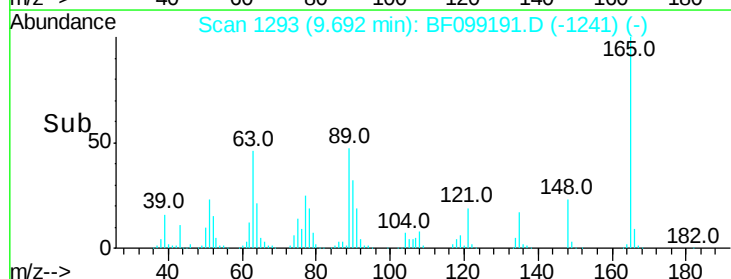
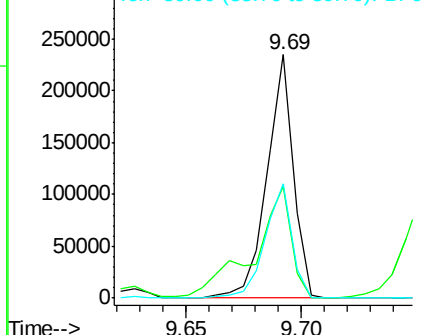


#50
 2,6-Dinitrotoluene
 Concen: 46.817 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.8	44.7	67.1	
89	46.8	44.0	66.0	



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





#51

Acenaphthene

Concen: 40.643 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

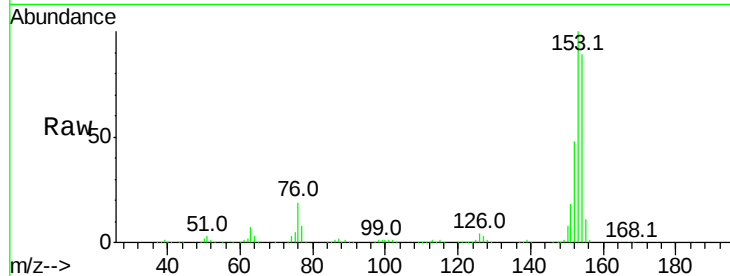
ClientSampleId :

SP-A-100217MS

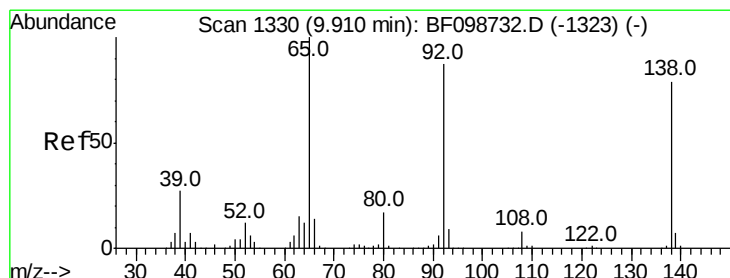
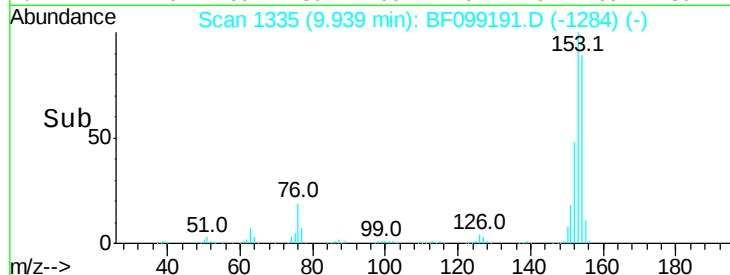
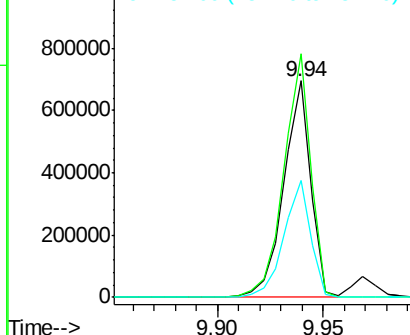
Tot Ion:	154	Resp:	617927
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.2	136.8
152	54.1	43.8	65.8

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



#52

3-Nitroaniline

Concen: 28.188 ng

RT: 9.86 min Scan# 1322

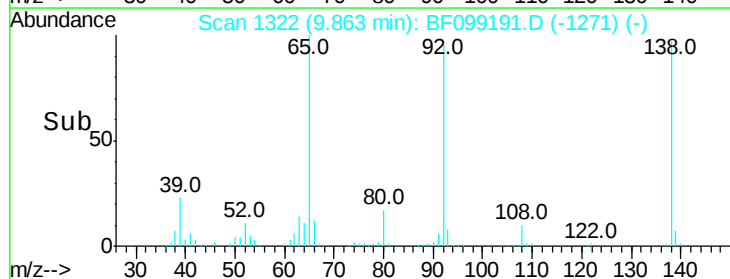
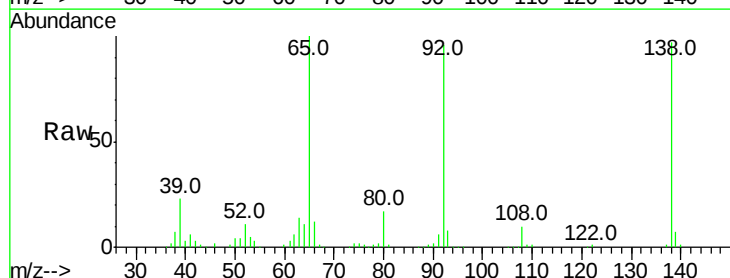
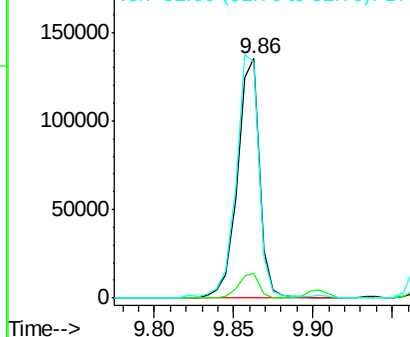
Delta R.T. 0.00 min

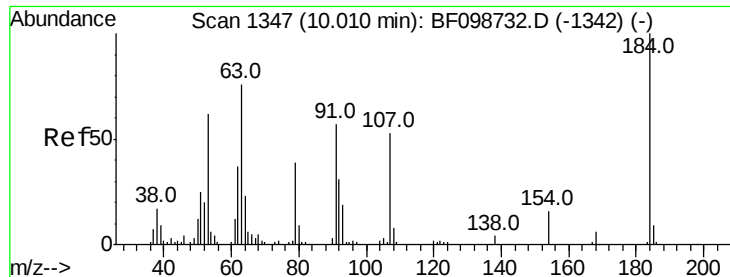
Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:	138	Resp:	131221
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	98.2	89.4	134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





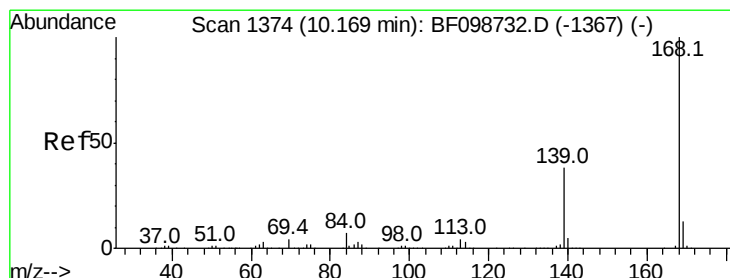
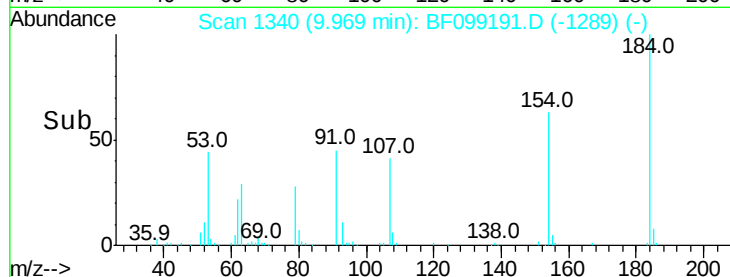
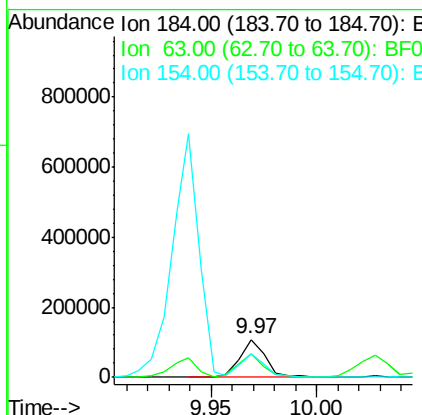
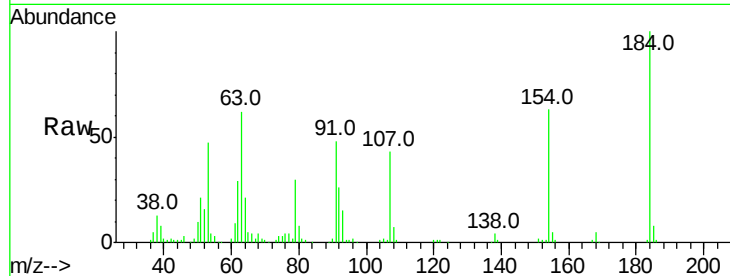
#53
2,4-Dinitrophenol
Concen: 46.737 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.9	54.2	81.2
154	62.9	53.5	80.3

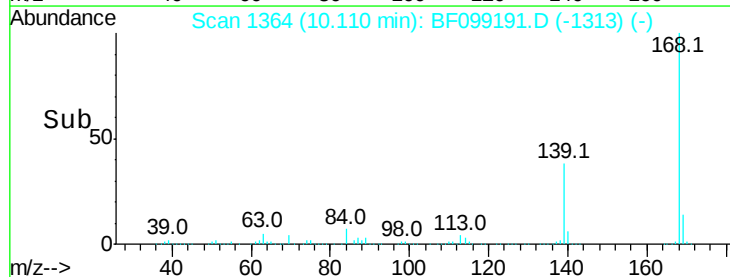
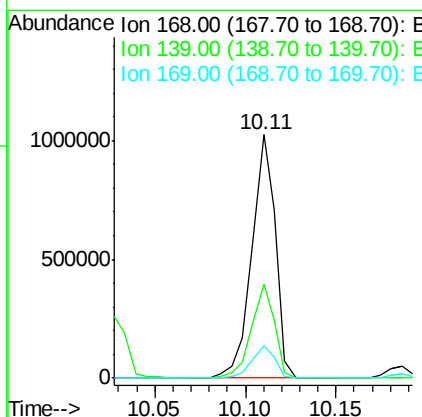
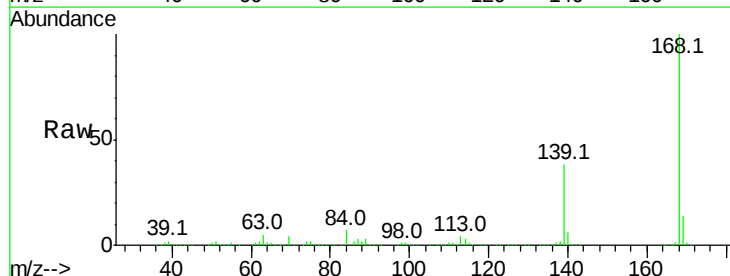
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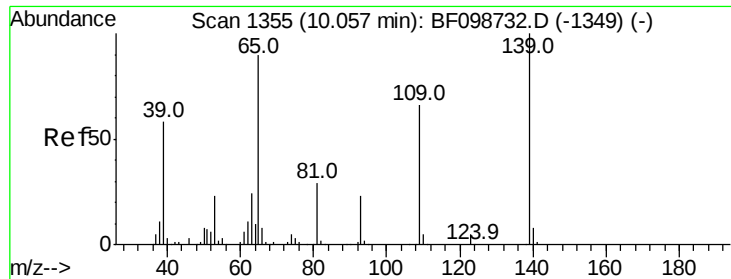
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#54
Dibenzofuran
Concen: 45.541 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.5	10.9	16.3





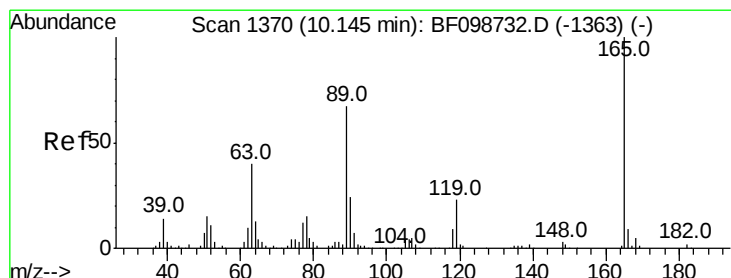
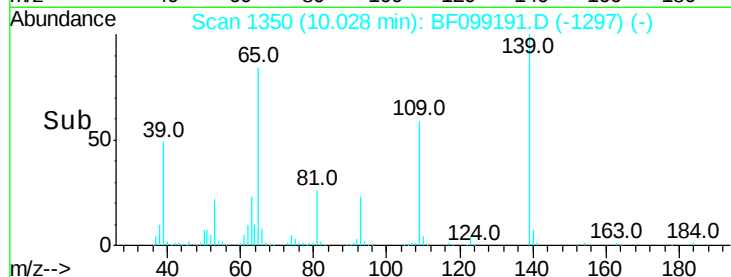
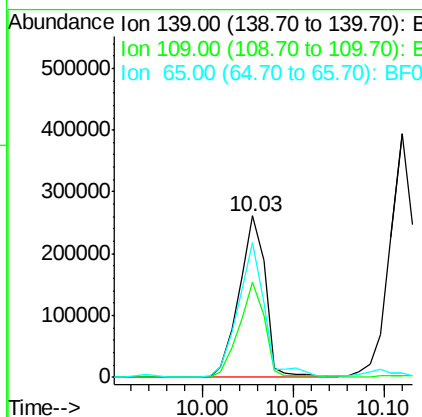
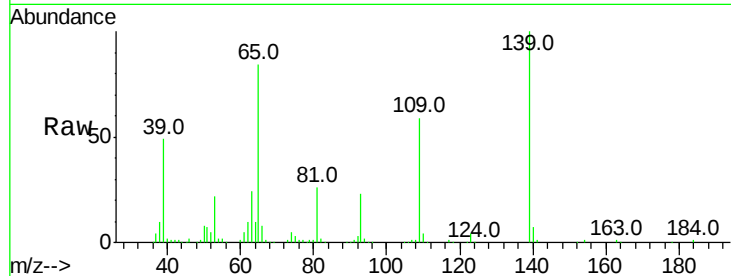
#55
4-Nitrophenol
Concen: 67.030 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.8	48.4	88.4
65	83.8	72.6	112.6

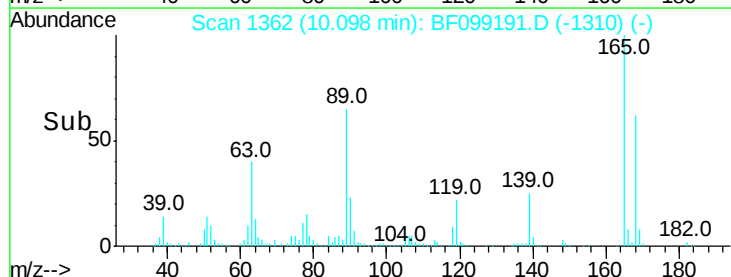
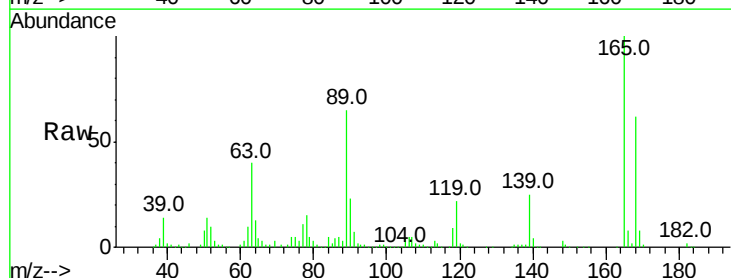
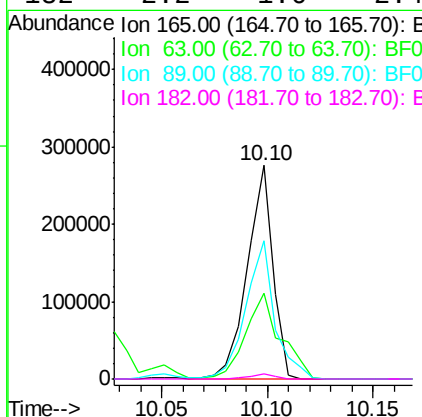
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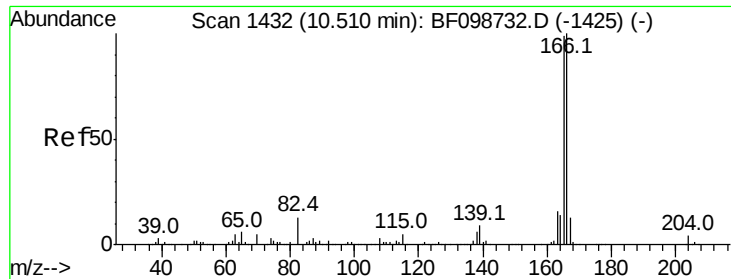
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#56
2,4-Dinitrotoluene
Concen: 45.057 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	36.4	54.6
89	64.8	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 43.169 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

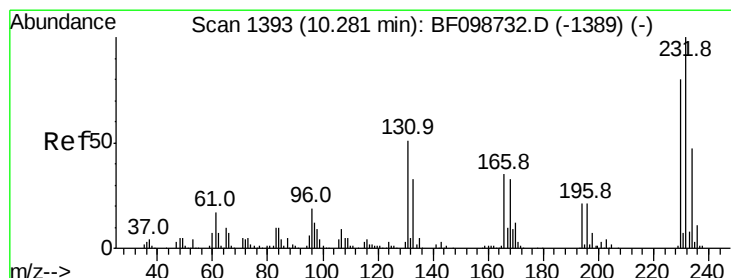
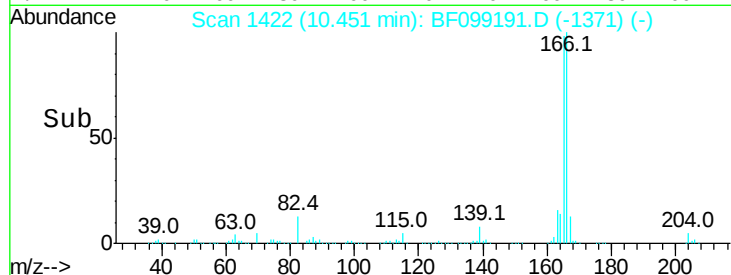
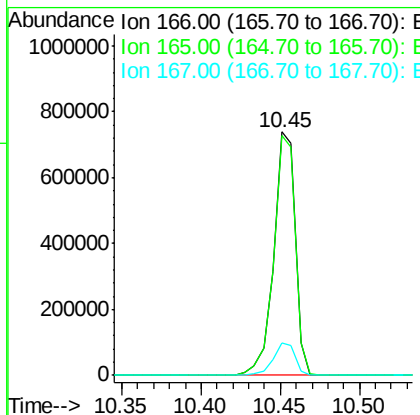
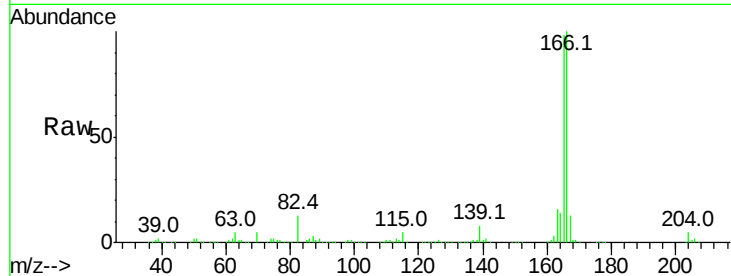
ClientSampleId :

SP-A-100217MS

Tot Ion:	166	Resp:	702388
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.940 ng

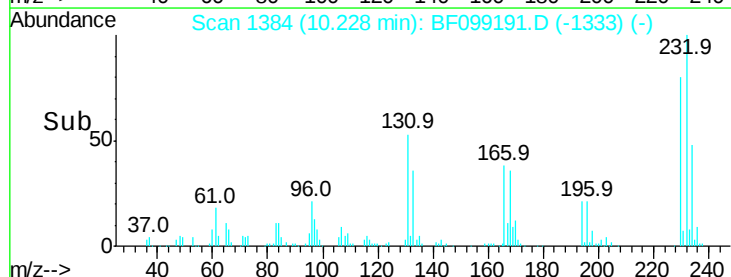
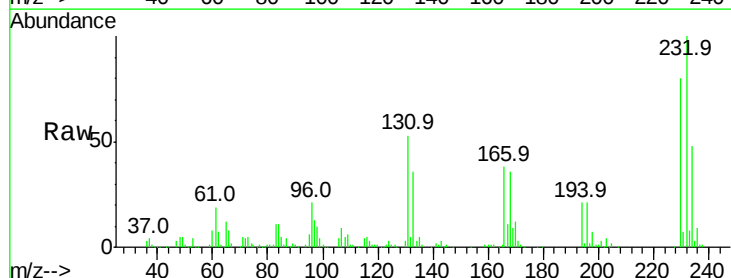
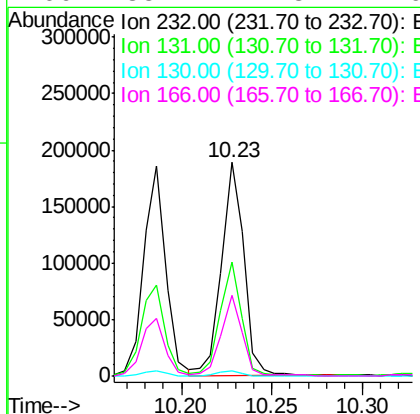
RT: 10.23 min Scan# 1384

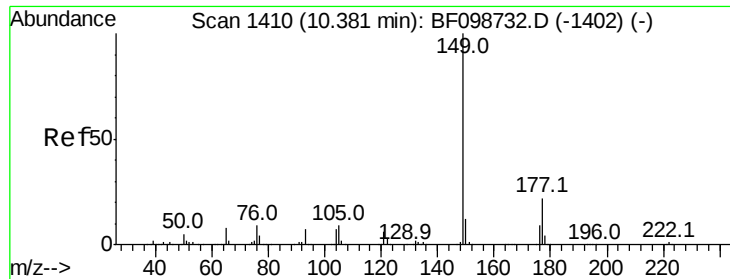
Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:	232	Resp:	162625
Ion Ratio	Lower	Upper	
232	100		
131	51.5	43.8	65.8
130	2.4	2.1	3.1
166	35.4	27.8	41.6





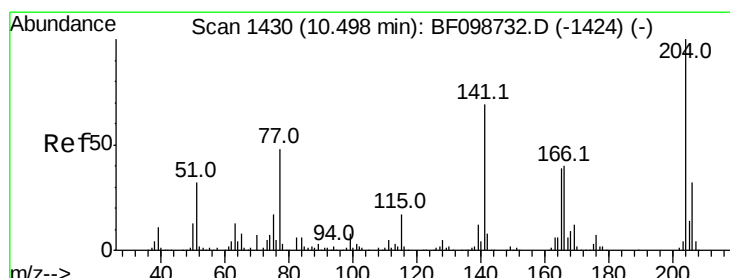
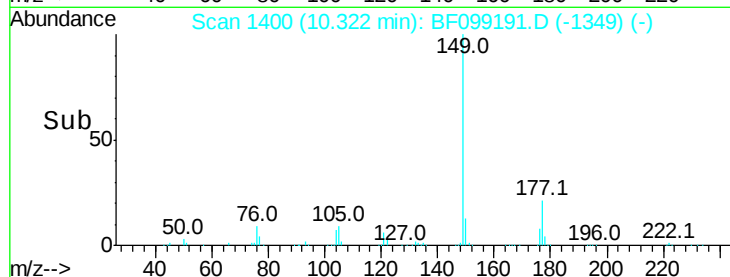
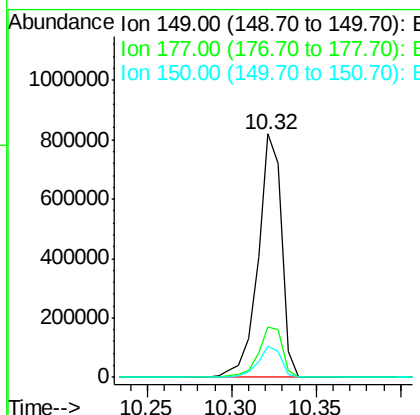
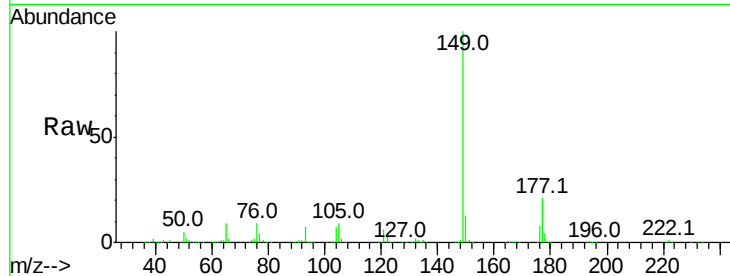
#59
Diethylphthalate
Concen: 44.085 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampled :
SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	789978		
177	20.6		16.1	24.1
150	12.6		10.1	15.1

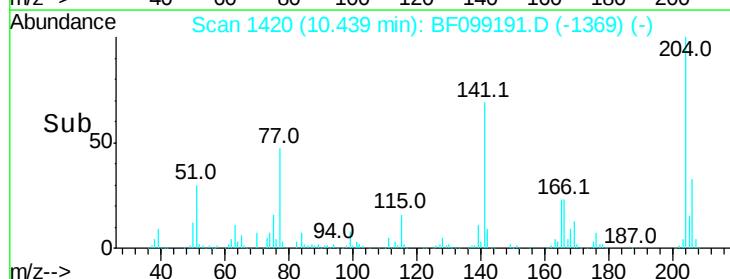
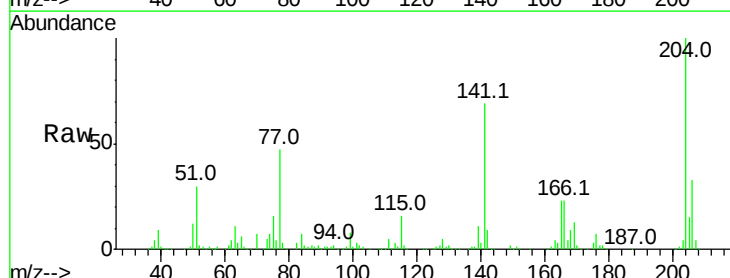
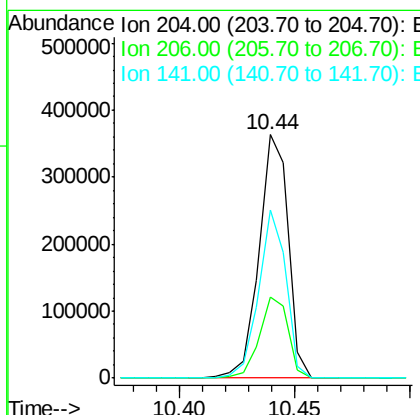
Manual Integrations
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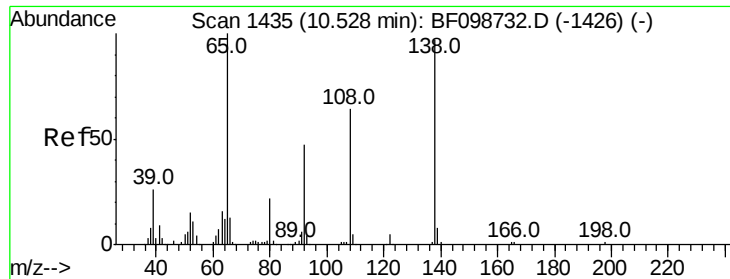
Sohil
10/9/2017 6:33:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.697 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	319378		
206	33.2		26.5	39.7
141	69.2		54.6	81.8





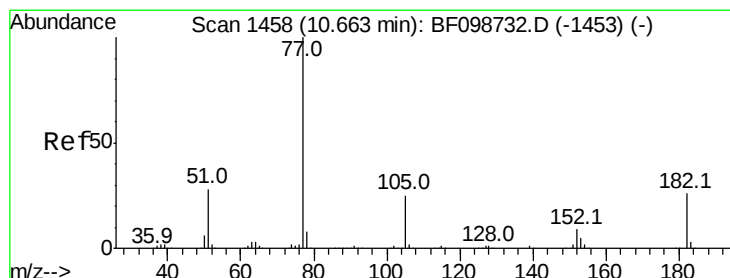
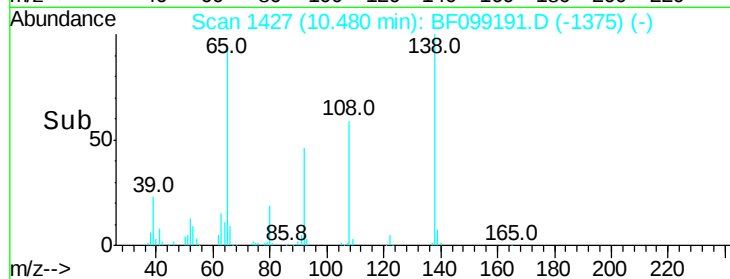
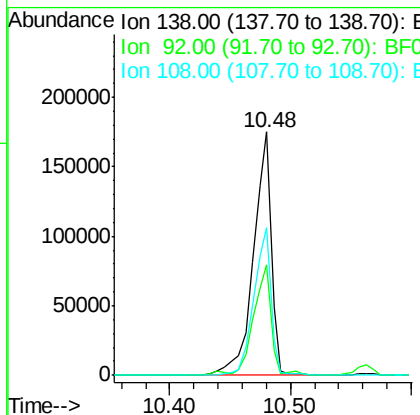
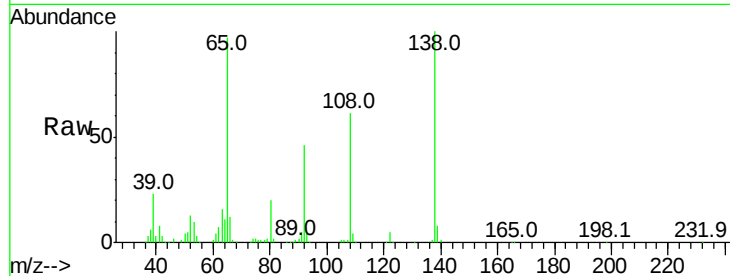
#61
4-Nitroaniline
Concen: 40.739 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	30.2	70.2
108	60.5	52.5	92.5

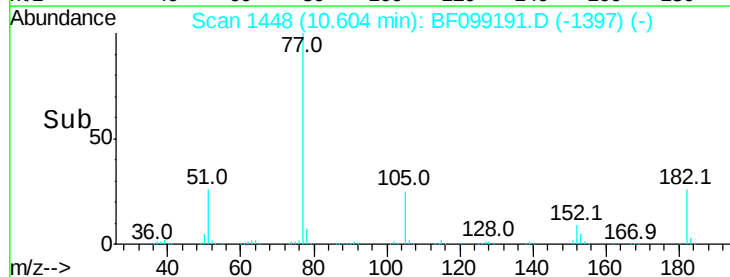
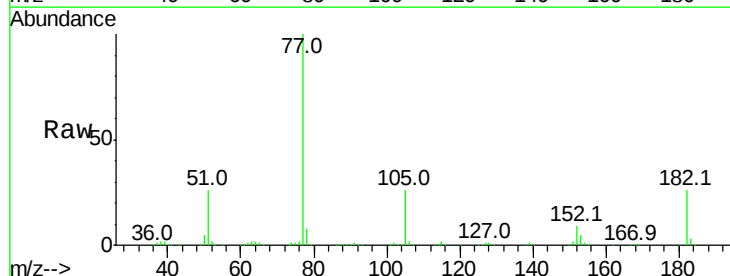
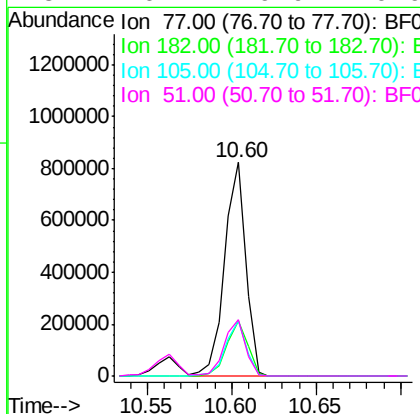
Manual Integrations
APPROVED

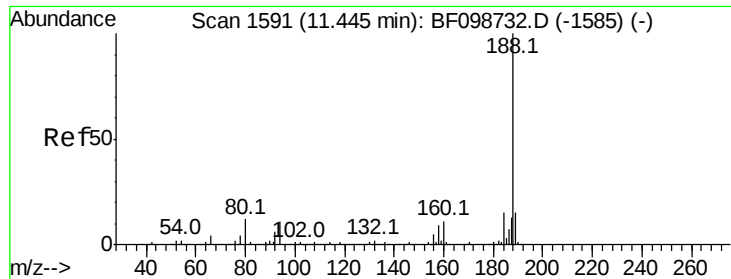
Sohil
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#62
Azobenzene
Concen: 43.457 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	25.7	3.0	43.0
51	26.4	9.9	49.9





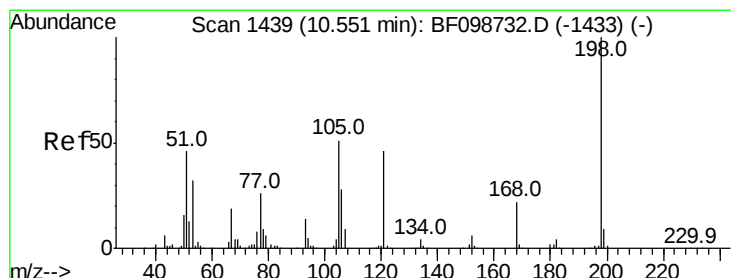
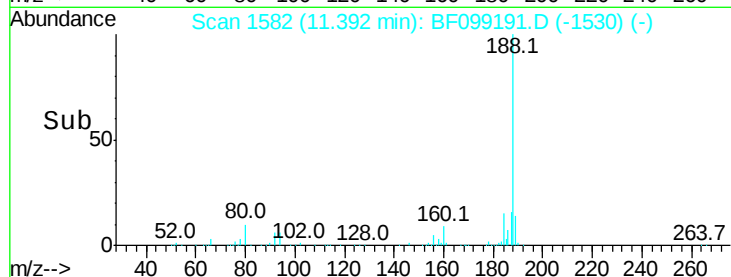
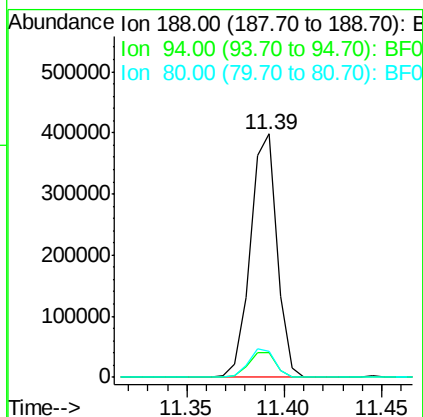
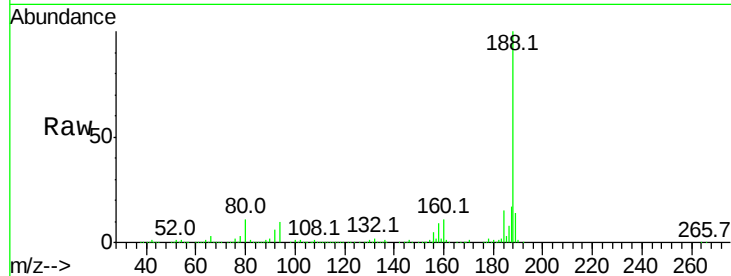
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	8.5	12.7	
80	10.8	9.2	13.8	

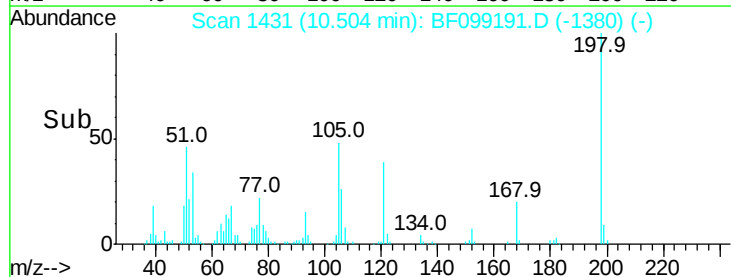
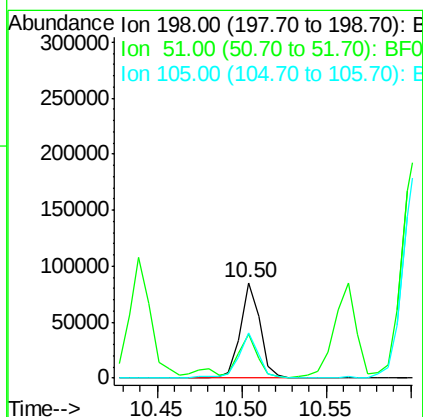
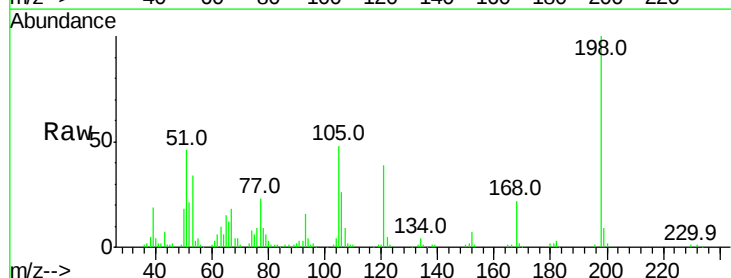
Manual Integrations
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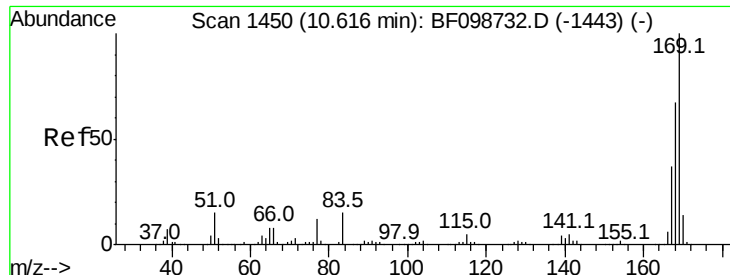
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.141 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.8	37.7	77.7	
105	48.2	36.3	76.3	





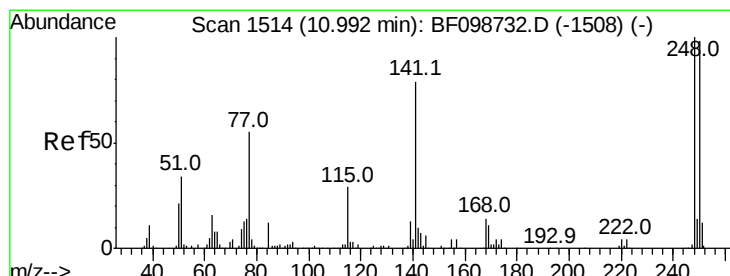
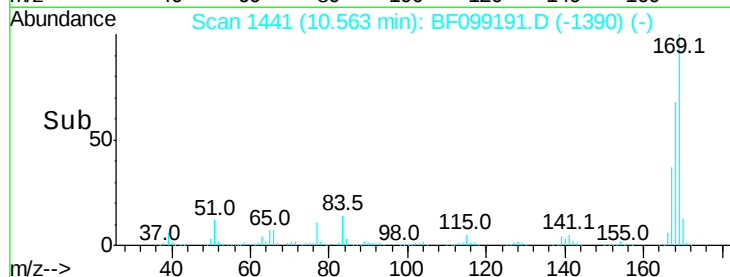
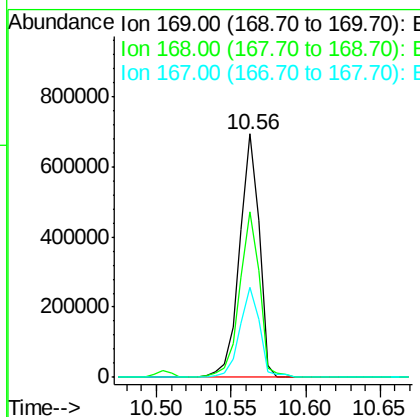
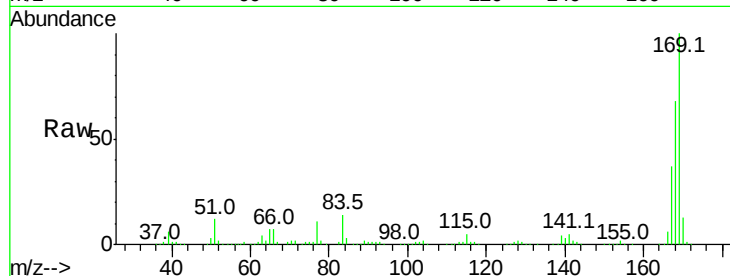
#65
 n-Nitrosodiphenylamine
 Concen: 48.907 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	637639		
168	67.8	54.4	81.6	
167	36.8	29.8	44.6	

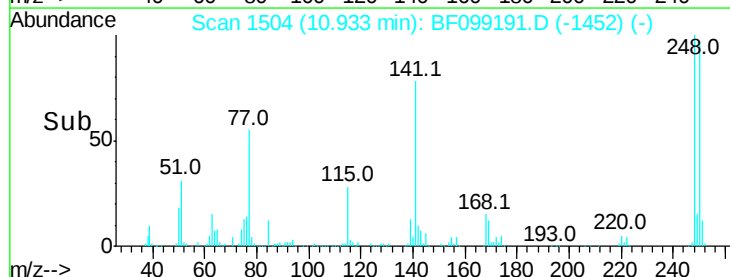
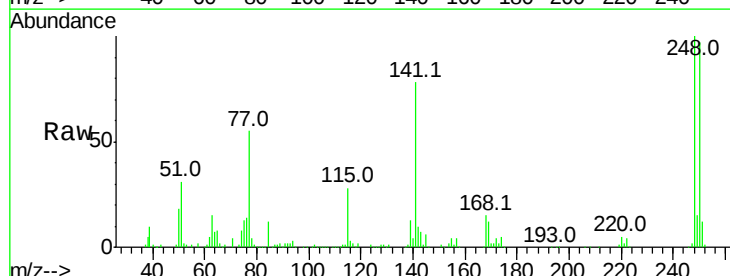
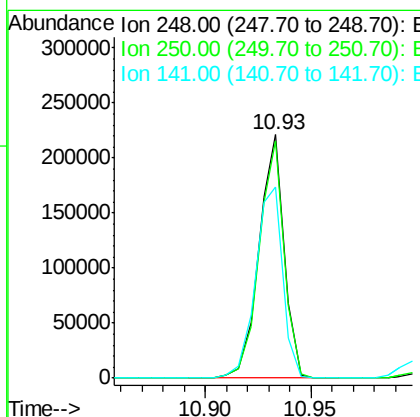
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#66
 4-Bromophenyl-phenylether
 Concen: 49.772 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183351		
250	97.4	76.9	115.3	
141	78.4	74.4	111.6	





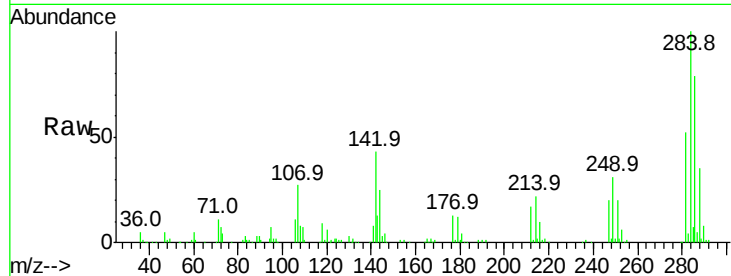
#67
Hexachlorobenzene
Concen: 45.289 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

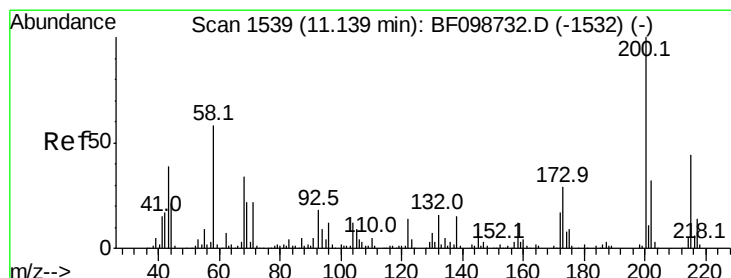
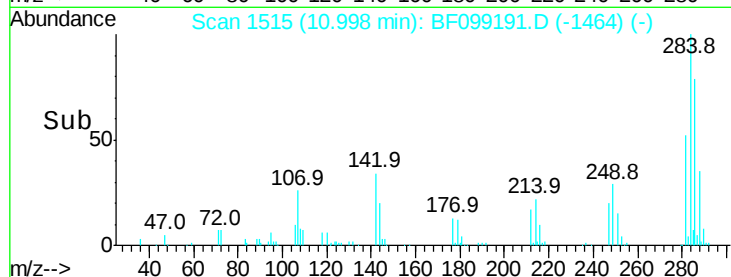
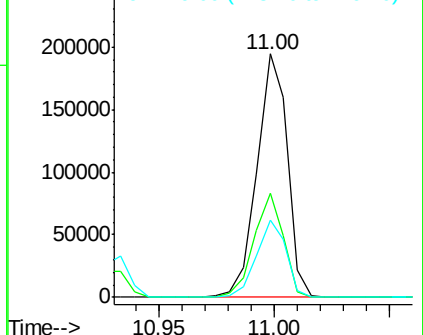
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	42.6	34.6	52.0
249	31.5	24.8	37.2

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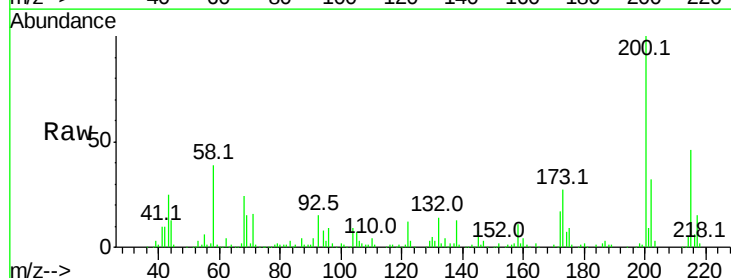


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

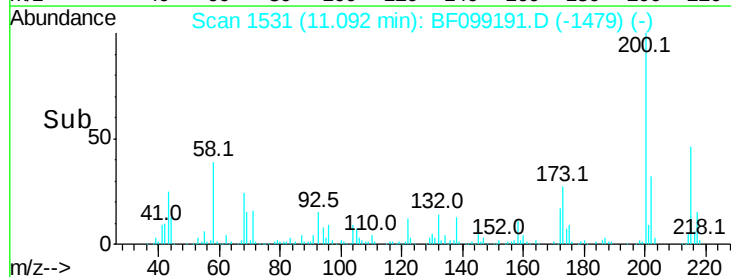
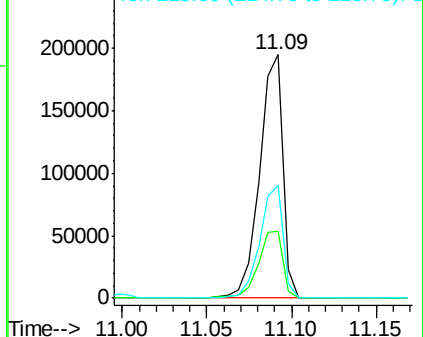


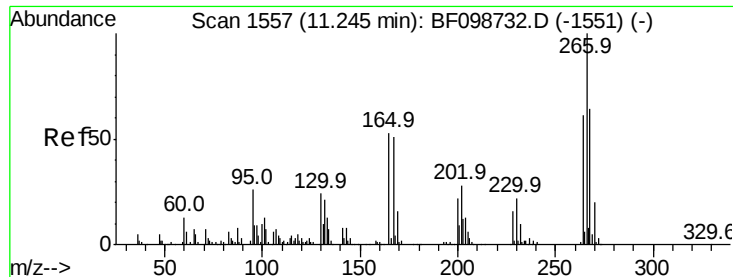
#68
Atrazine
Concen: 47.379 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	8.6	48.6
215	46.4	25.1	65.1



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





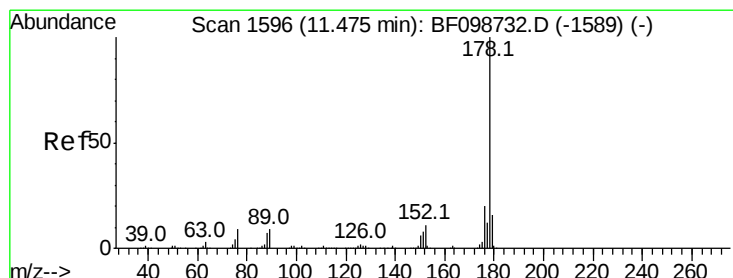
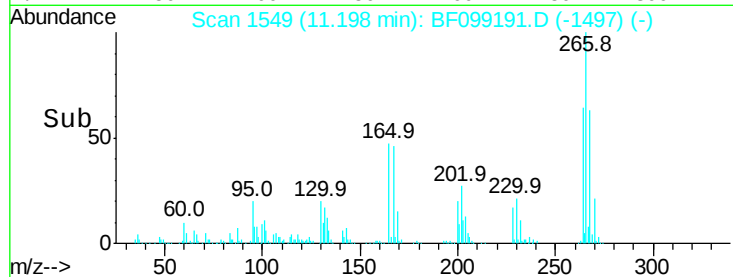
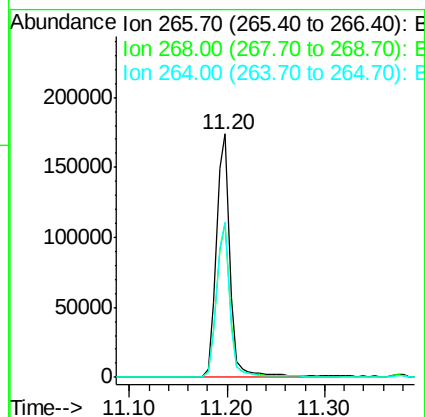
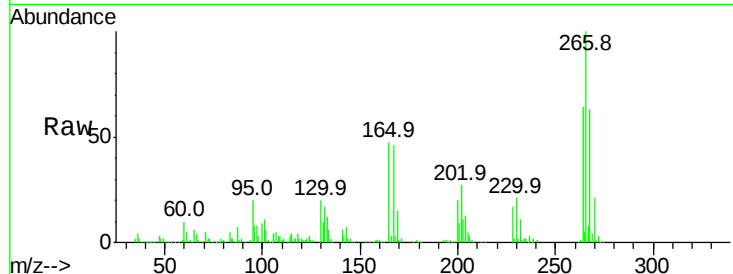
#69
 Pentachlorophenol
 Concen: 69.971 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion:	266	Resp:	171336
Ion Ratio		Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.7	49.5	74.3

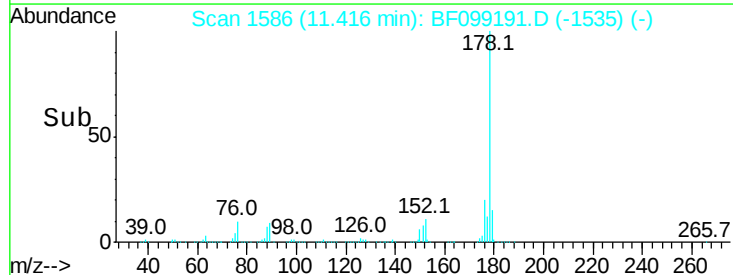
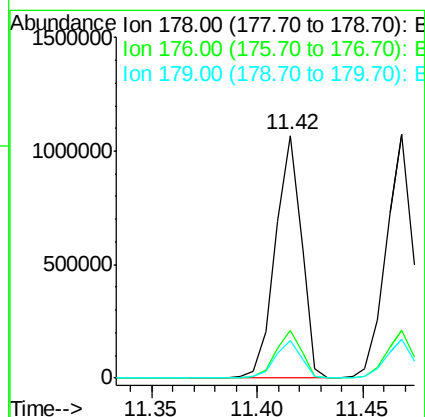
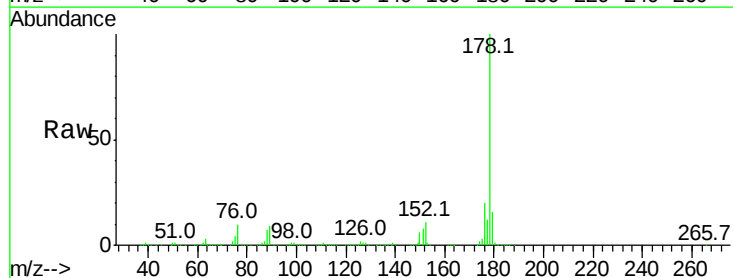
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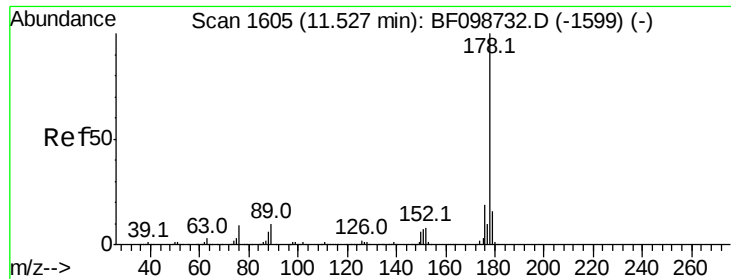
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#70
 Phenanthrene
 Concen: 45.695 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:	178	Resp:	920511
Ion Ratio		Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





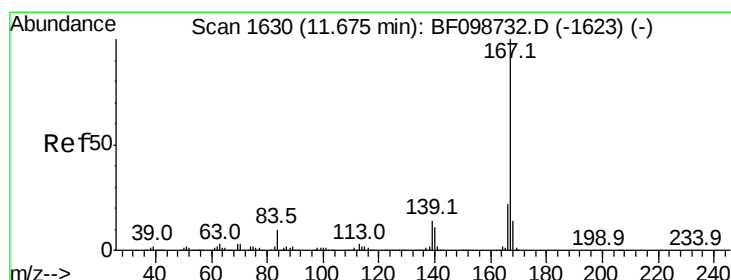
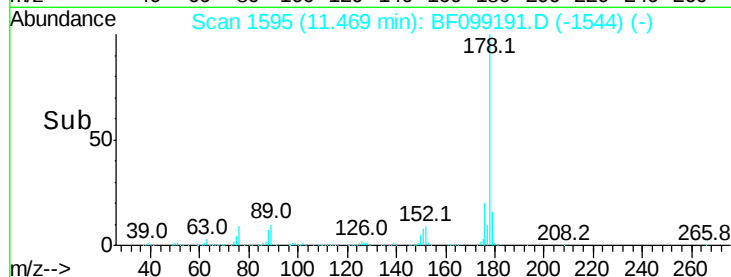
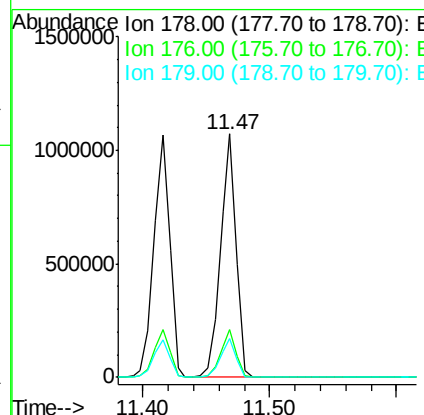
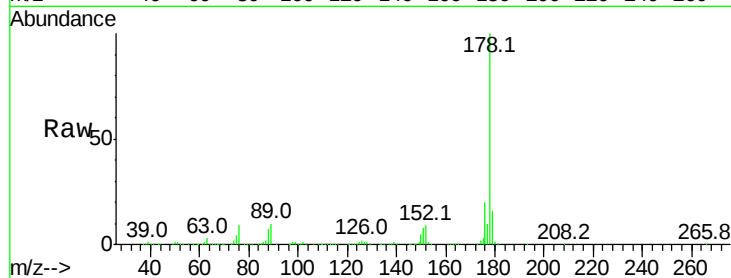
#71
 Anthracene
 Concen: 45.308 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.1	12.6	19.0

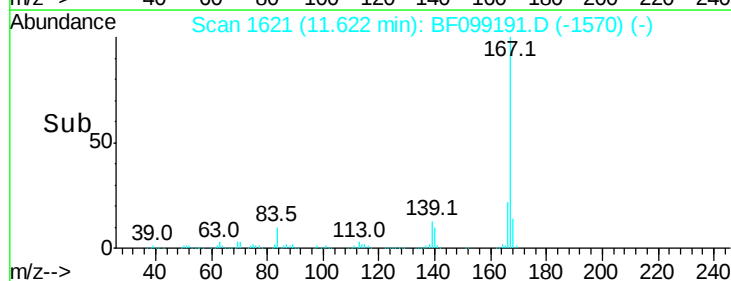
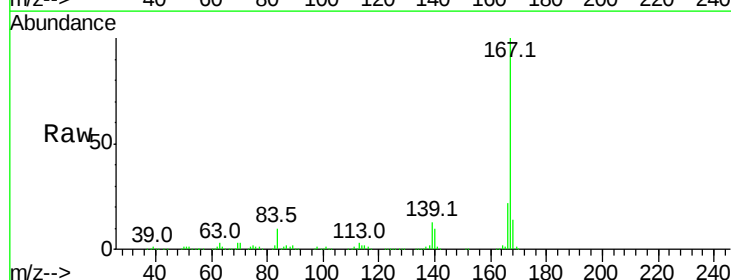
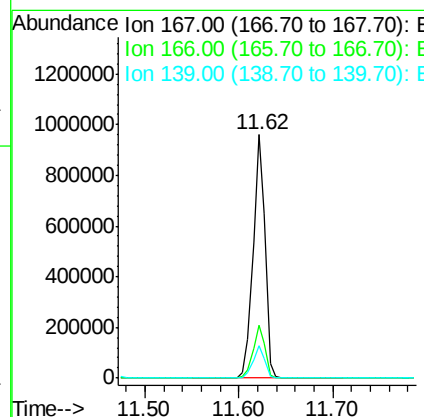
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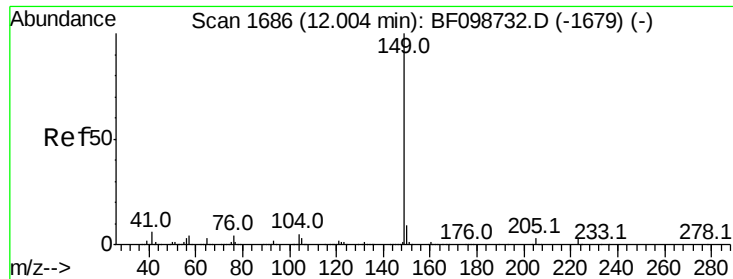
Sohil
 10/9/2017 6:33:52 PM



#72
 Carbazole
 Concen: 42.046 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.165 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MS

Tot Ion:149 Resp: 1145898

Ion Ratio Lower Upper

149 100

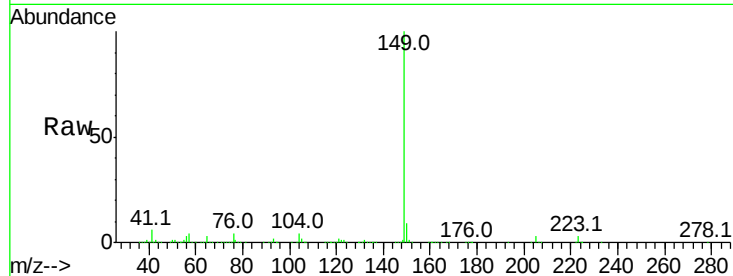
150 9.1 7.8 11.6

104 4.4 3.8 5.8

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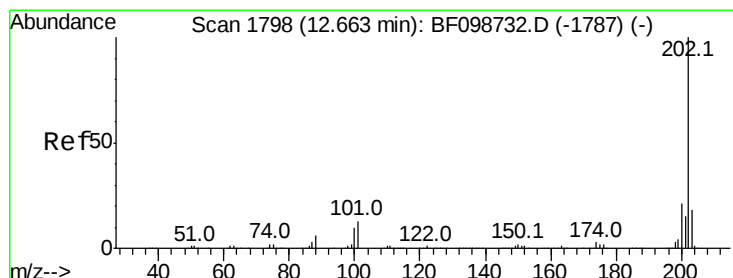
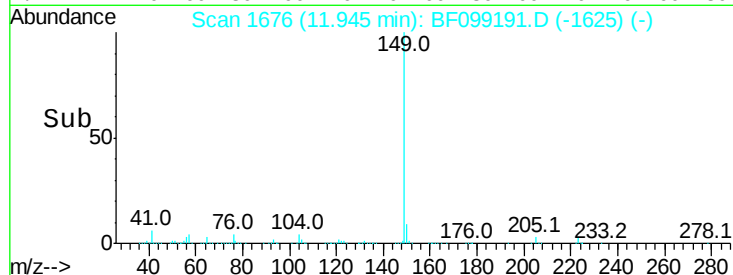
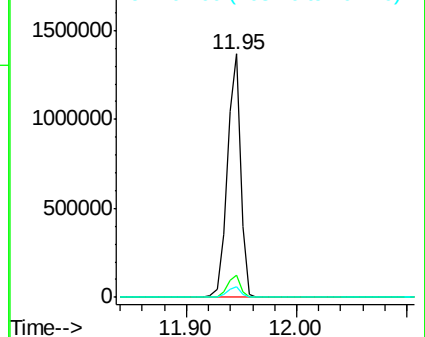
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.769 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

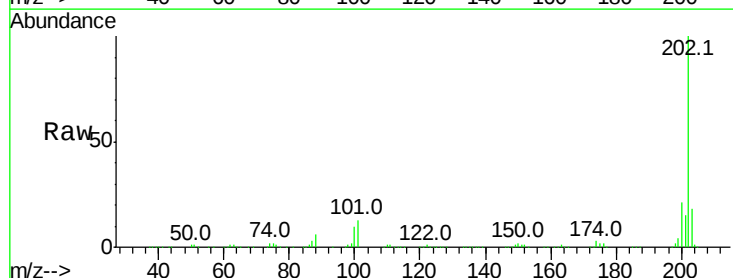
Tgt Ion:202 Resp: 811237

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

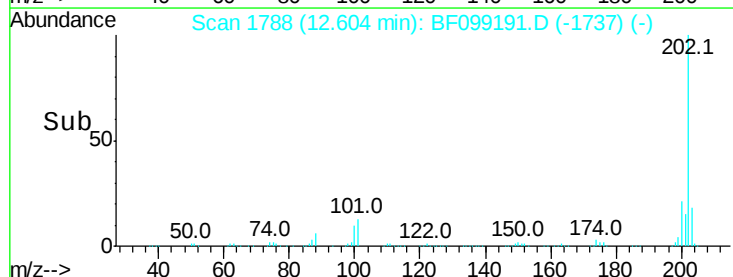
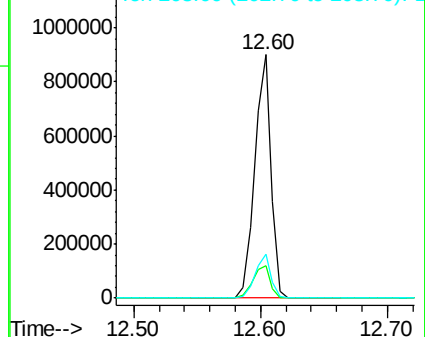
203 17.8 0.0 38.1

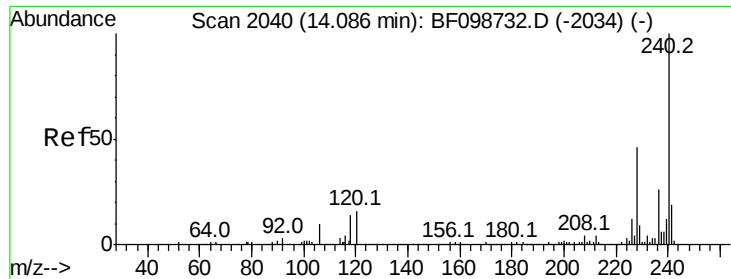


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

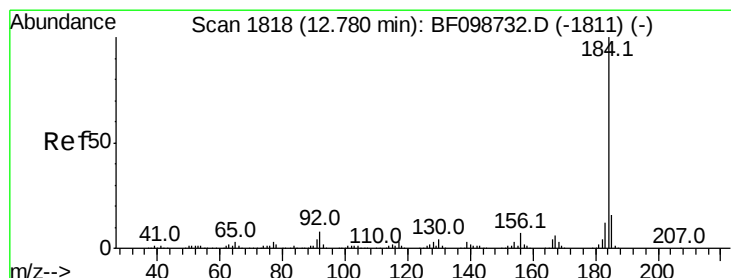
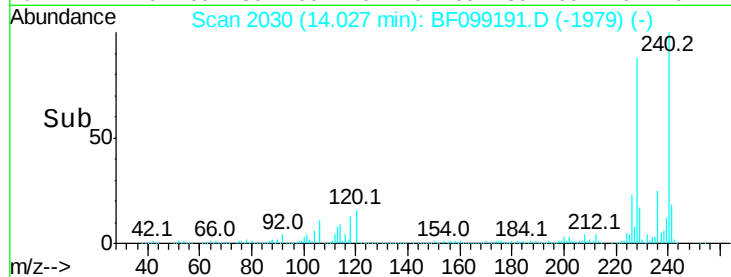
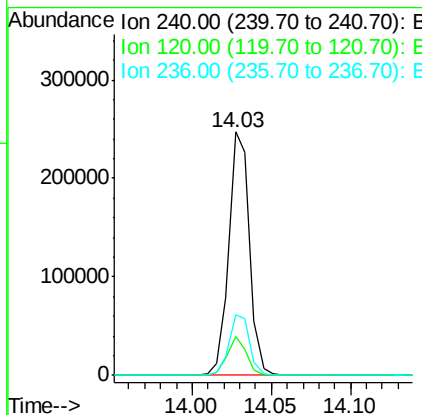
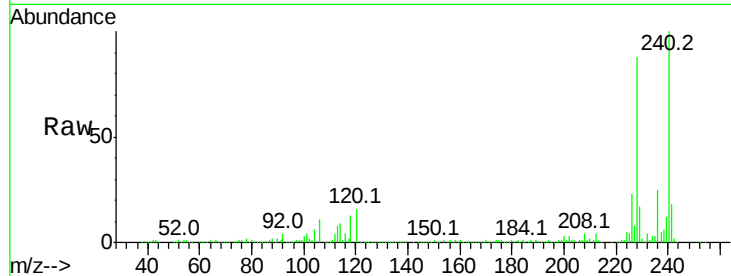
ClientSampleId :

SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 5.091 ng

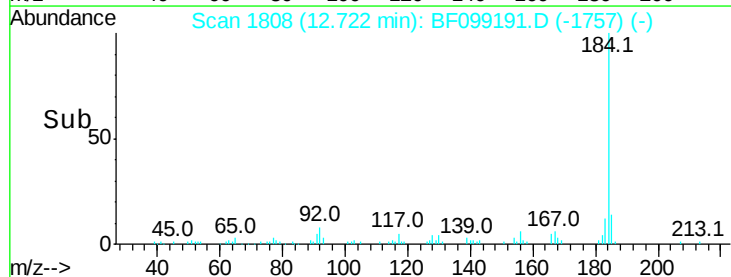
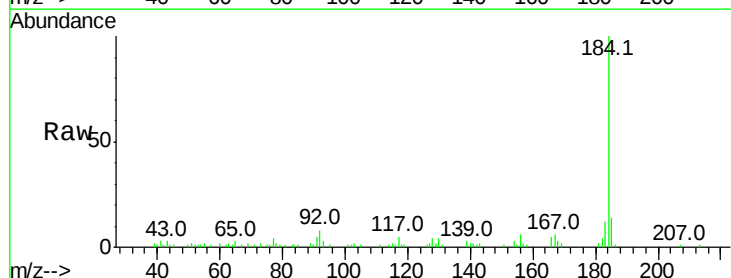
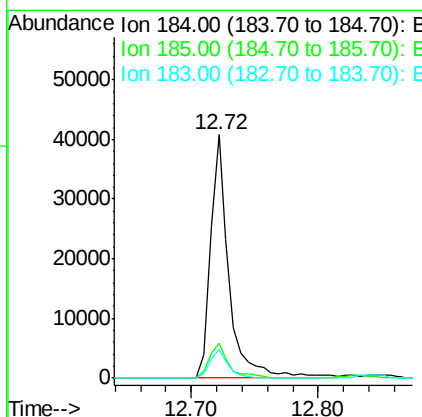
RT: 12.72 min Scan# 1808

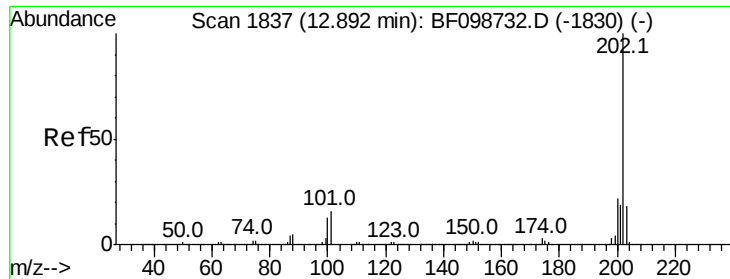
Delta R.T. 0.00 min

Lab File: BF099191.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.6	9.3	13.9





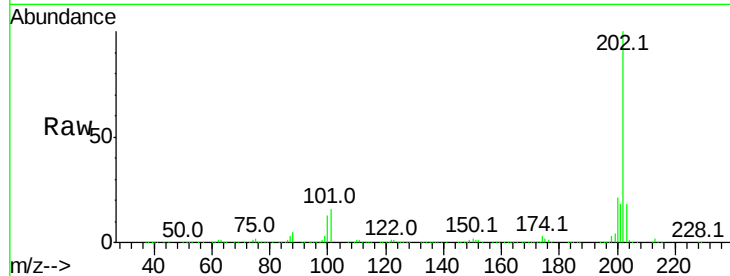
#77
Pvrene
Concen: 47.712 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

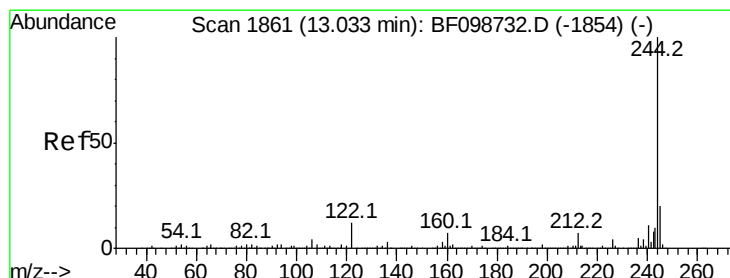
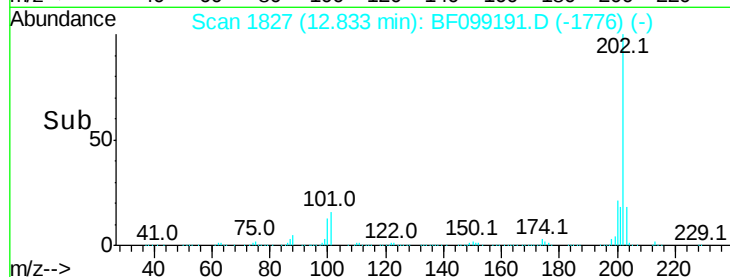
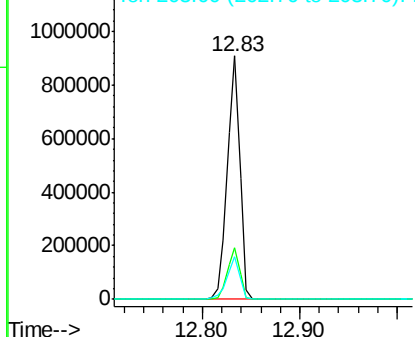
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

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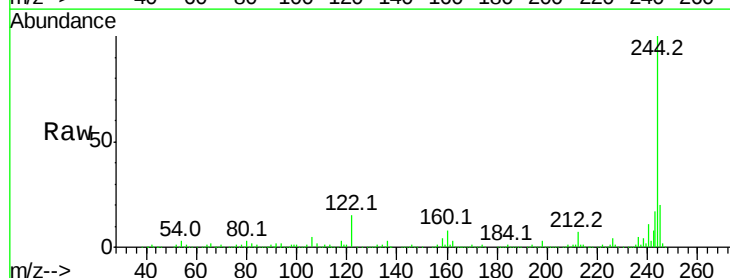


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

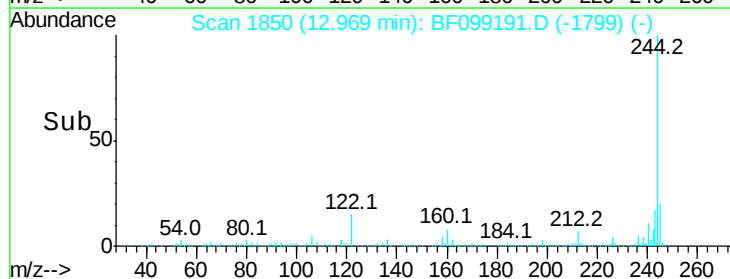
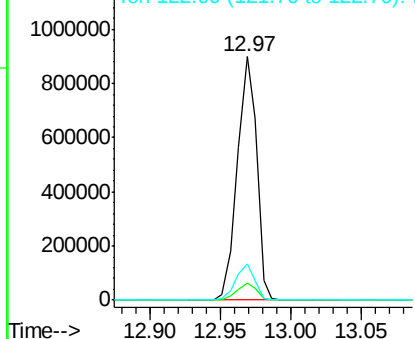


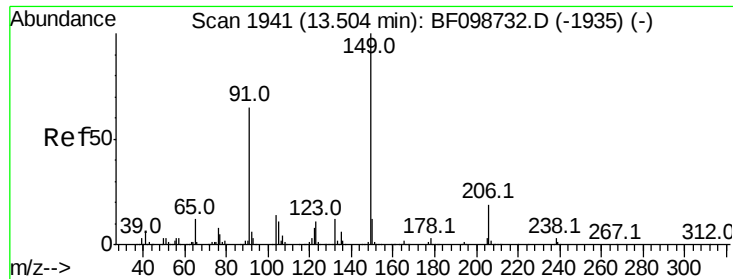
#78
Terphenyl-d14
Concen: 87.411 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.8	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





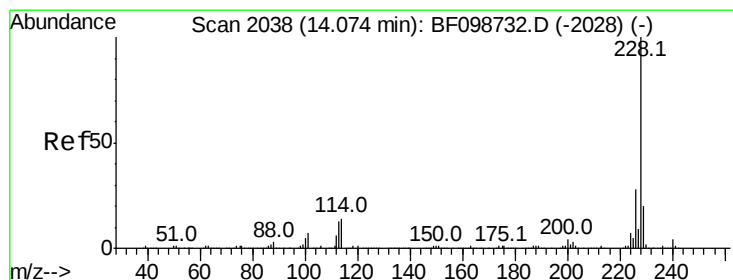
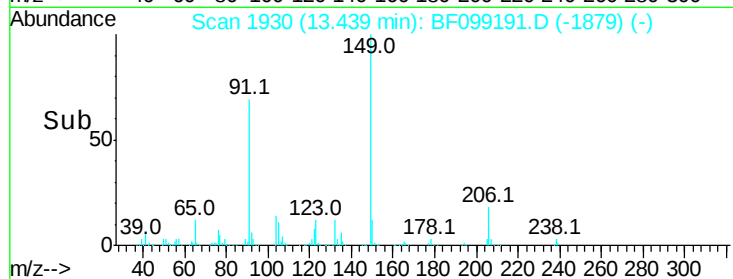
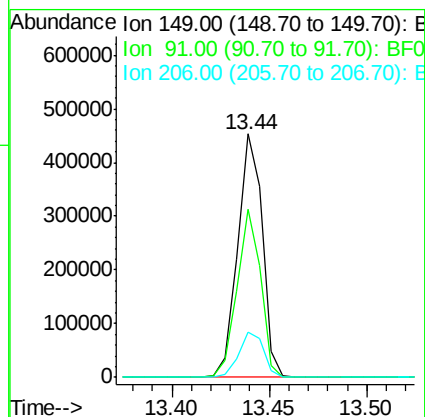
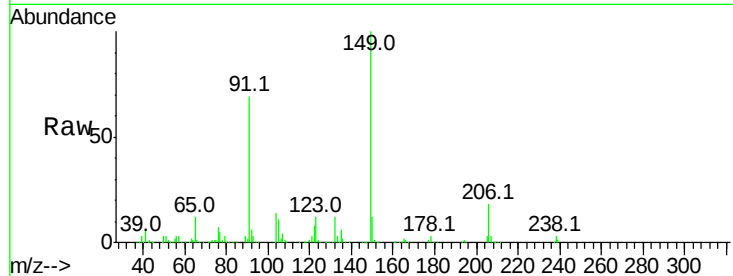
#79
 Butylbenzylphthalate
 Concen: 49.462 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion:	149	Resp:	395510
Ion Ratio	Lower	Upper	
149	100		
91	69.1	56.8	85.2
206	18.4	14.1	21.1

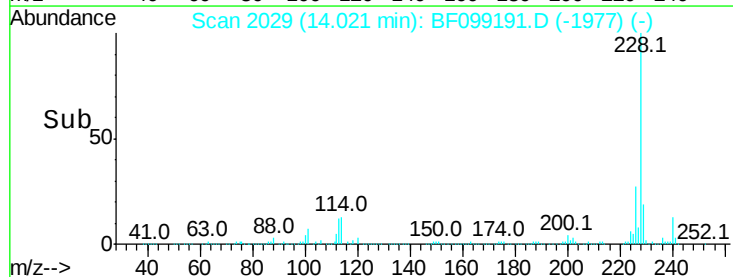
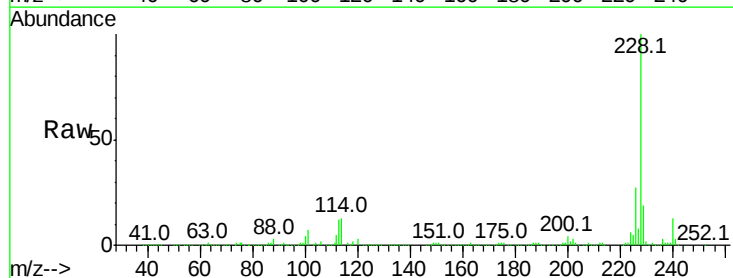
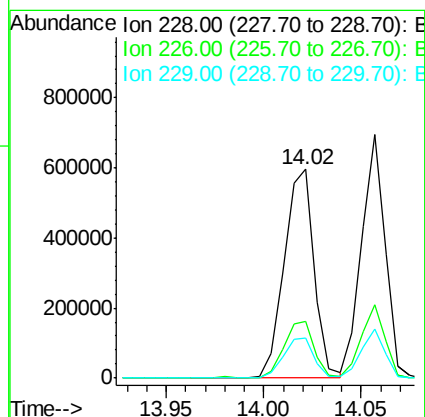
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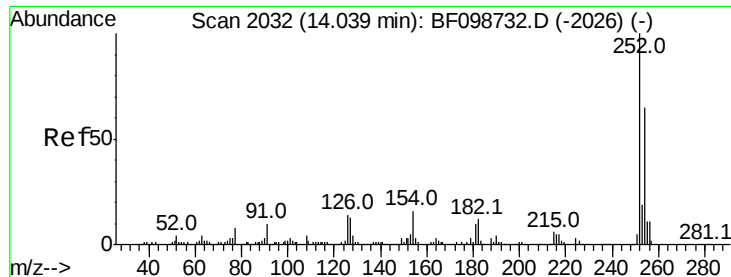
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#80
 Benzo(a)anthracene
 Concen: 46.806 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:	228	Resp:	632385
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.3	15.8	23.6





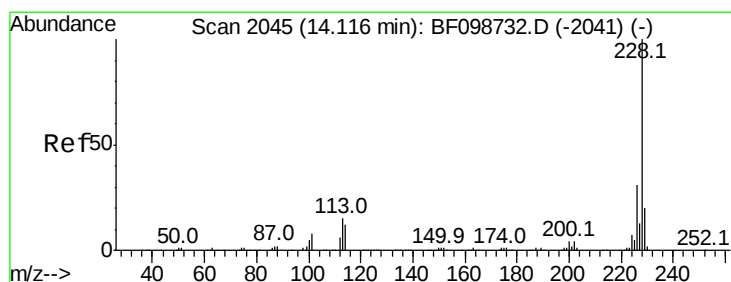
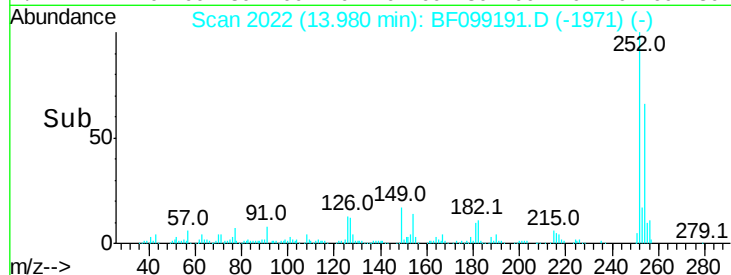
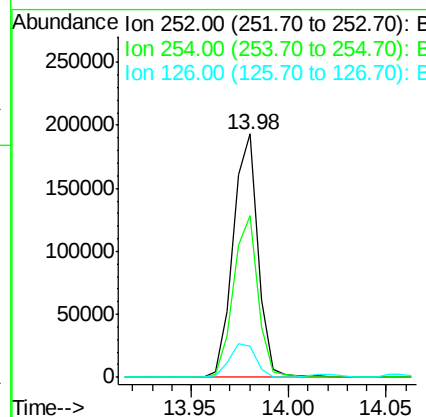
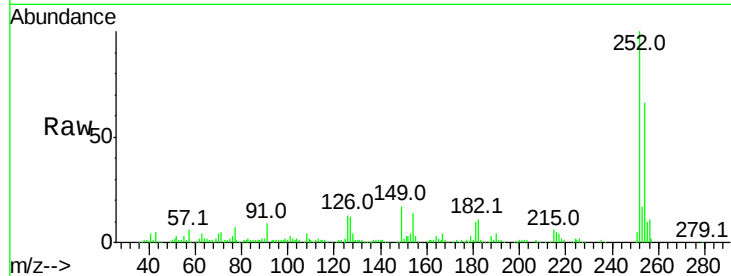
#81
 3,3'-Dichlorobenzidine
 Concen: 34.621 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.5	50.4	75.6
126	12.9	11.3	16.9

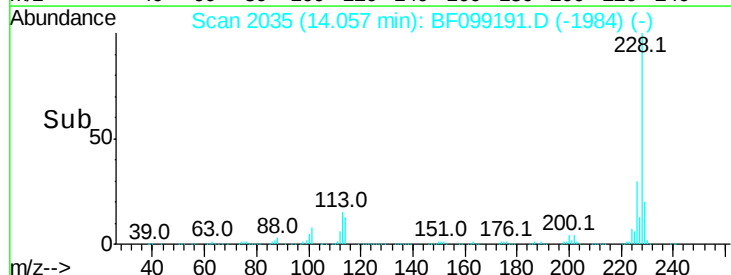
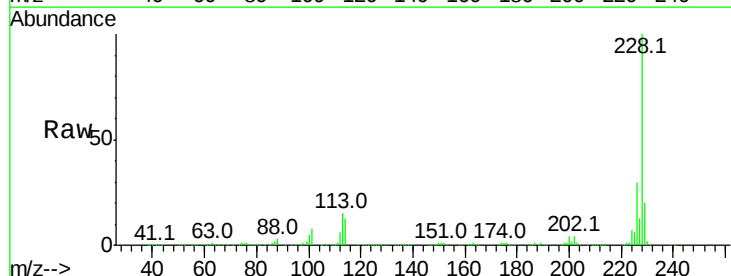
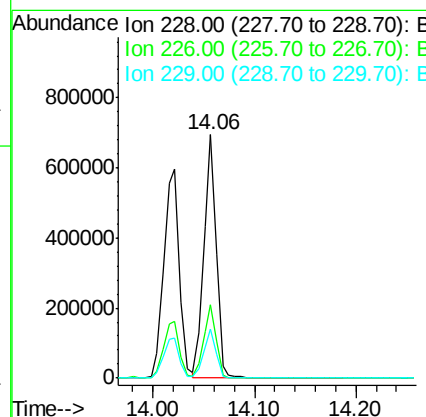
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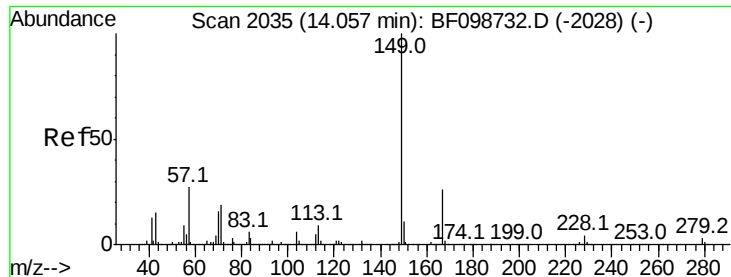
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#82
 Chrysene
 Concen: 45.750 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.2	24.4





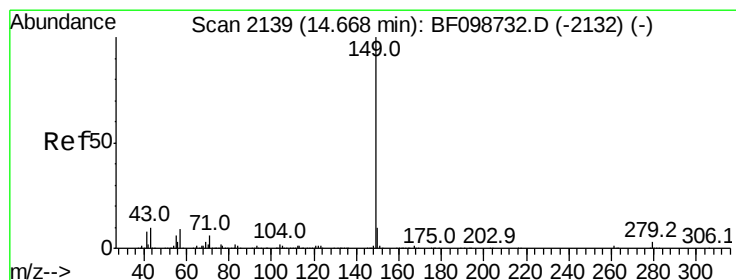
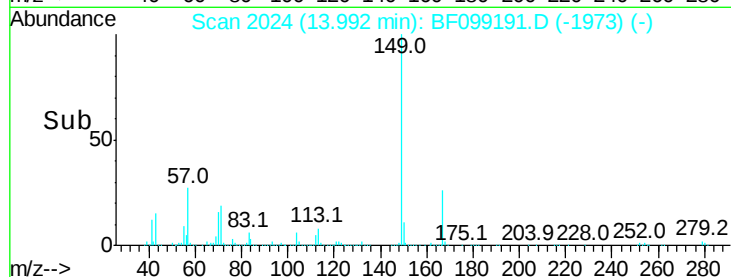
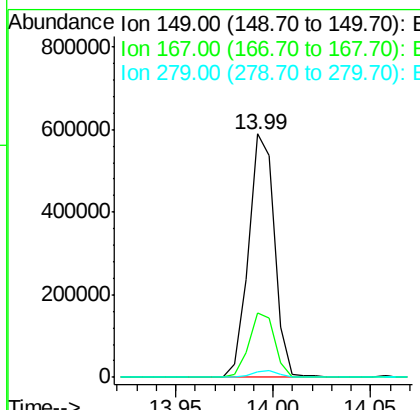
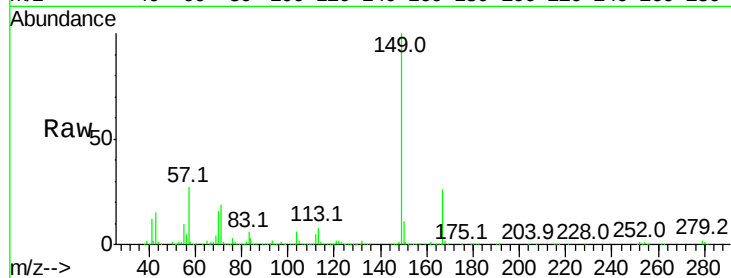
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.238 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.5	3.0	4.4#

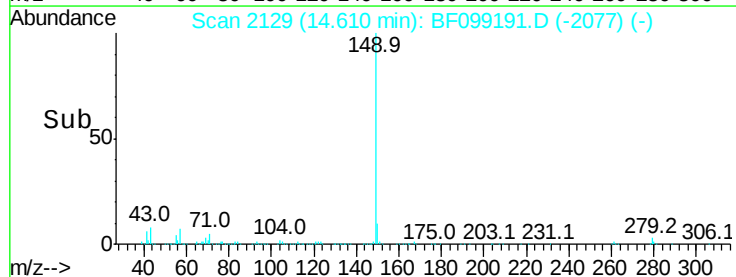
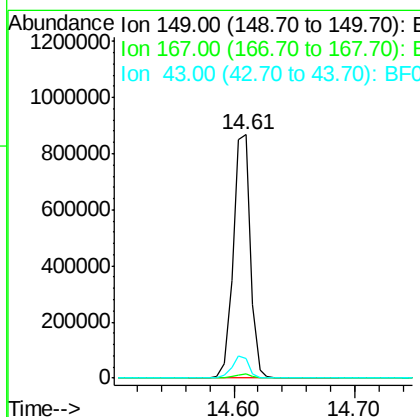
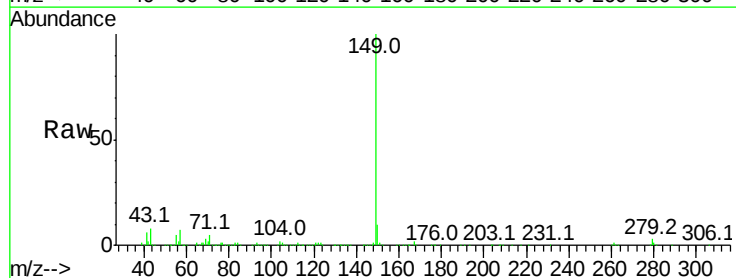
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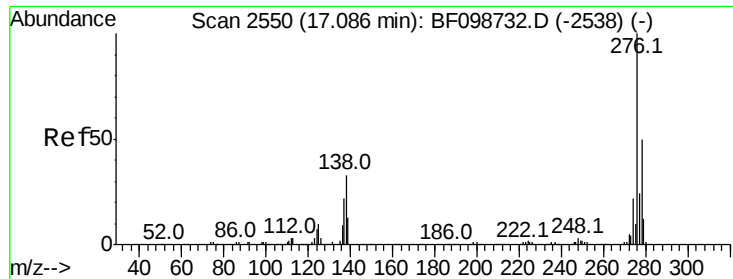
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#84
 Di-n-octyl phthalate
 Concen: 48.434 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	8.4	12.6





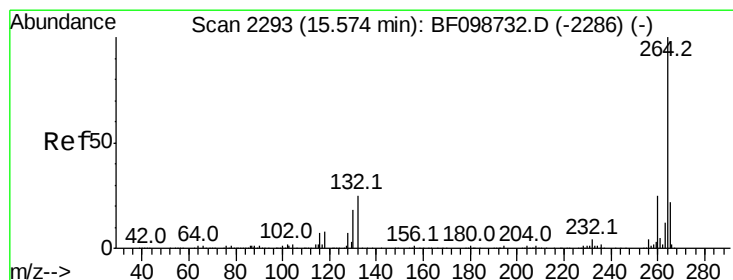
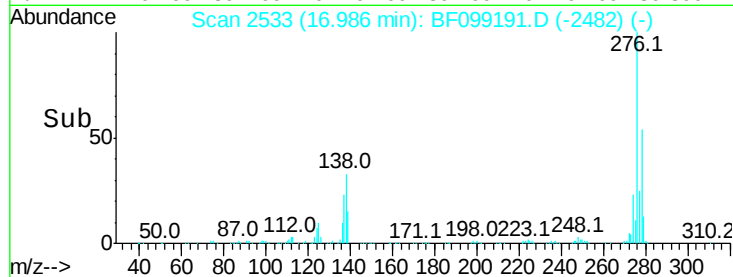
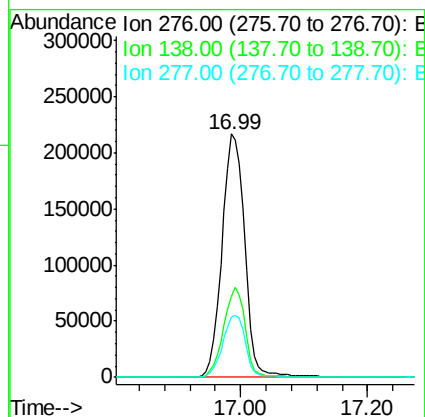
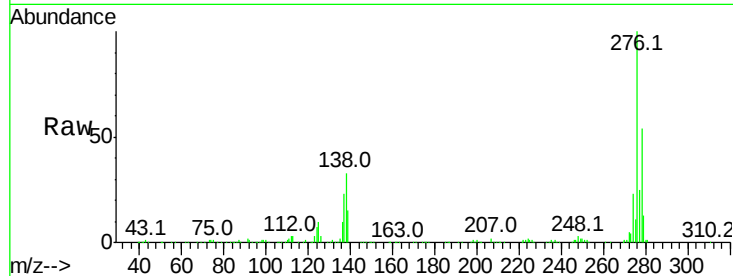
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.640 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.6	20.1	30.1

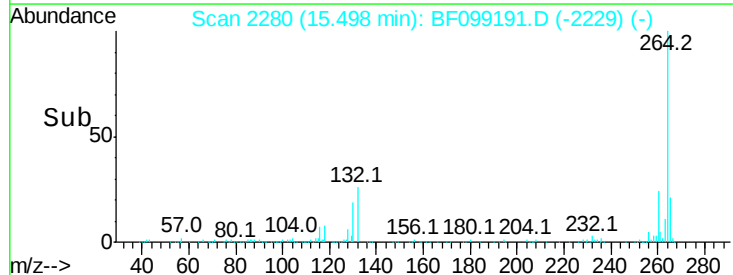
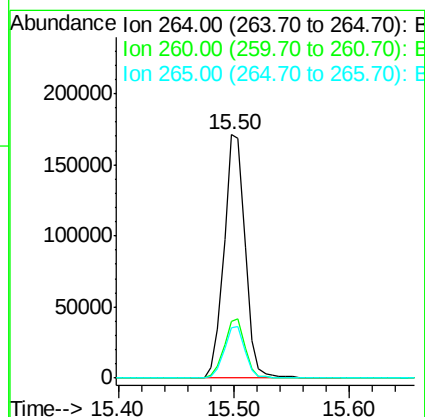
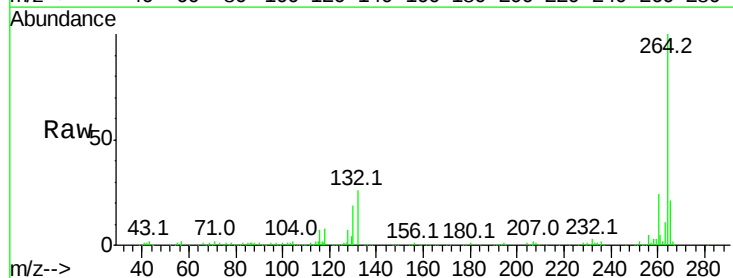
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3





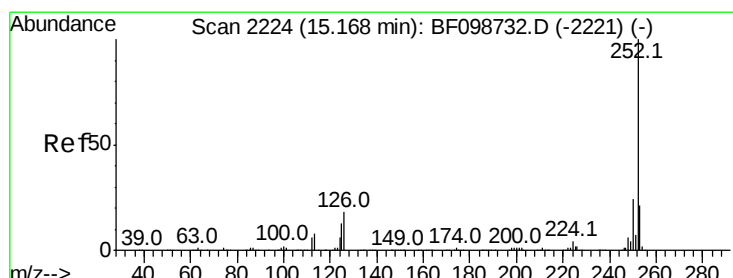
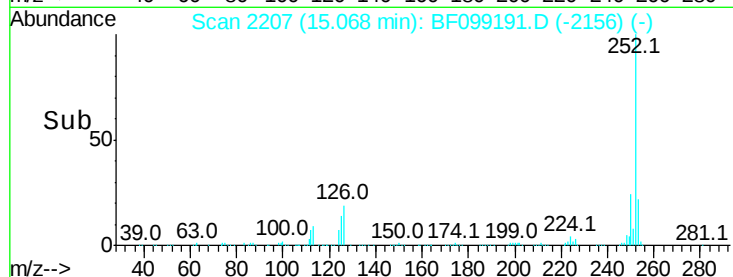
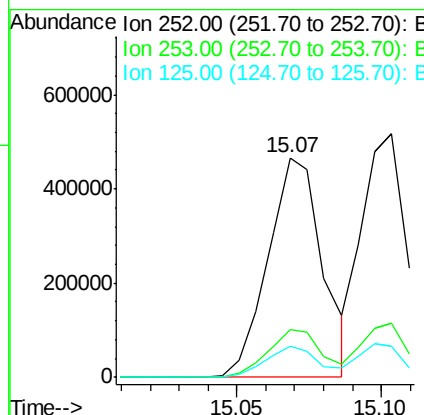
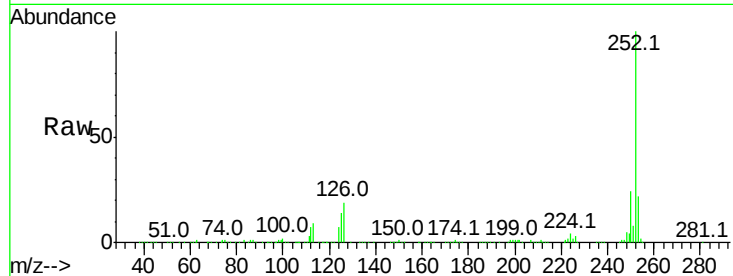
#87
Benzo(b)fluoranthene
Concen: 45.963 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	14.2	9.0	13.6

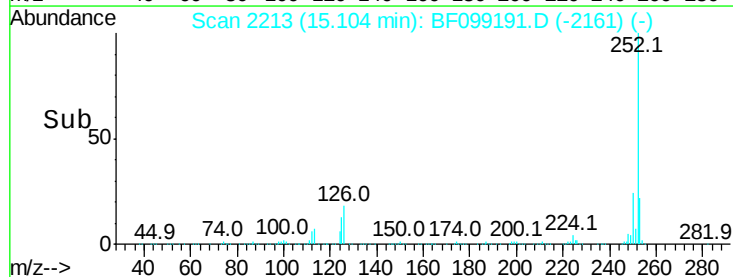
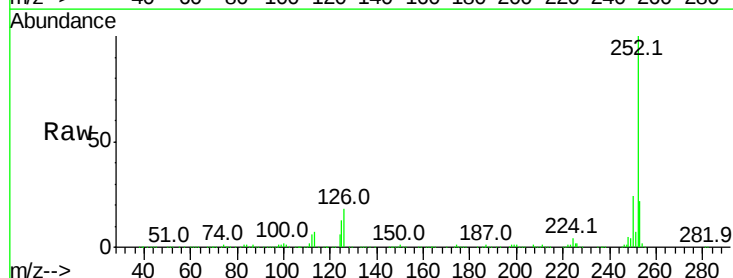
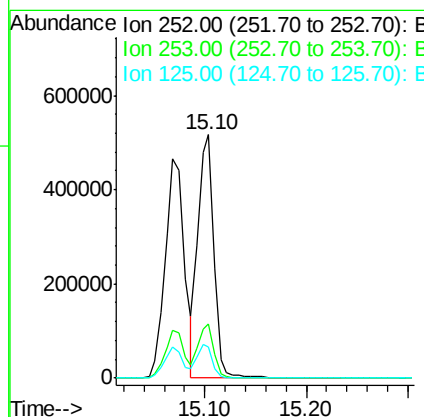
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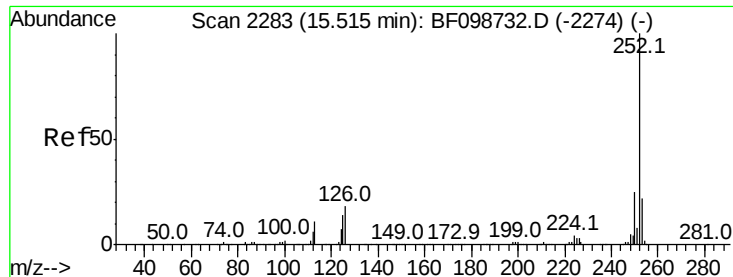
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#88
Benzo(k)fluoranthene
Concen: 42.558 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.6	10.2	15.2





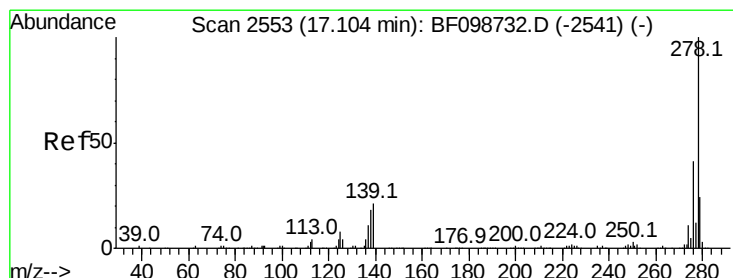
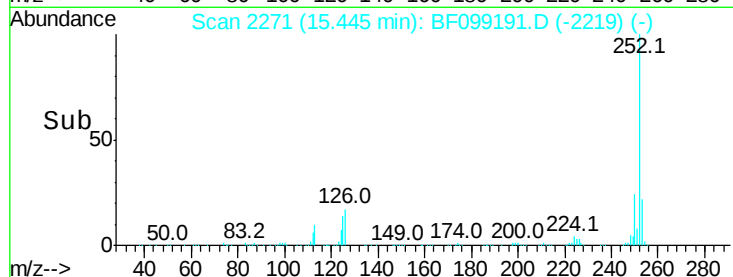
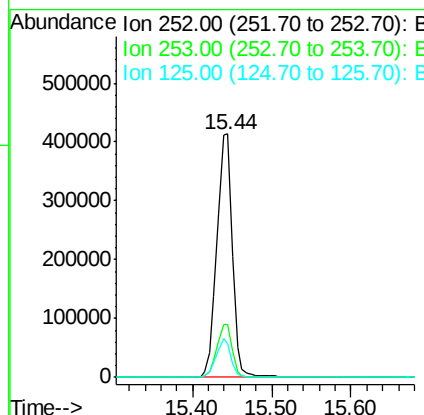
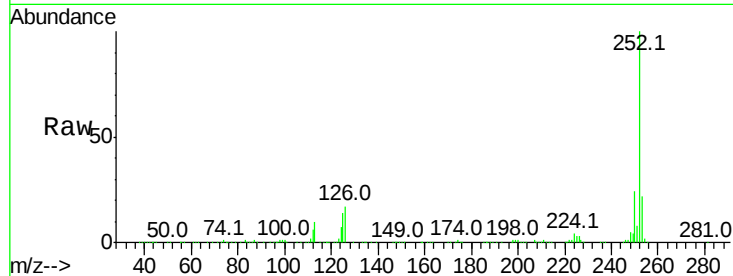
#89
Benzo(a)pyrene
Concen: 46.249 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SP-A-100217MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.8	9.8	14.6

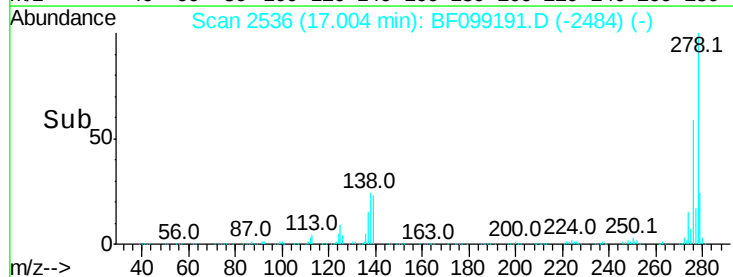
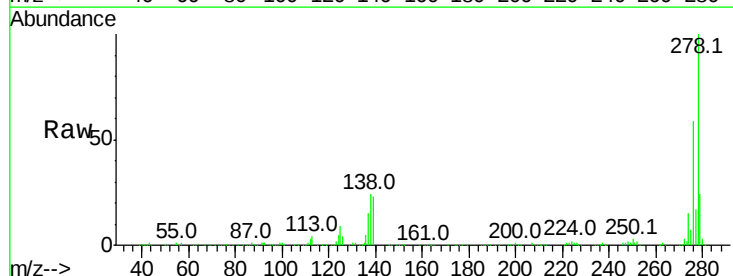
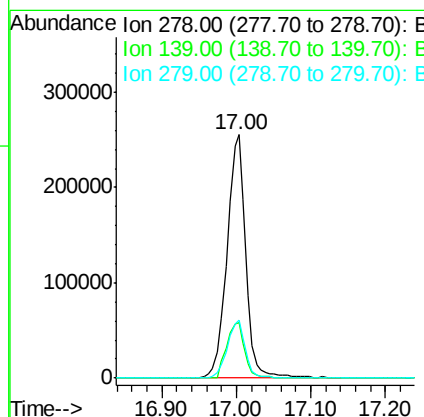
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#90
Dibenzo(a,h)anthracene
Concen: 45.975 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.420 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
440430	276	100			
	277	23.3		17.9	26.9
	138	28.5		21.8	32.8

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