

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099149.D
 Acq On : 6 Oct 2017 16:05
 Operator : SJ/JU
 Sample : PB102939BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:32:42 PM

Quant Time: Oct 06 23:06:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135529	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	553565	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	251205	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	438961	20.00	ng	0.00
75) Chrysene-d12	14.03	240	266040	20.00	ng	0.00
86) Perylene-d12	15.50	264	214430	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1004834	118.03	ng	0.02
7) Phenol-d6	6.51	99	1227171	116.84	ng	0.01
23) Nitrobenzene-d5	7.43	82	744627	86.26	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	256220	124.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1331931	88.52	ng	0.00
78) Terphenyl-d14	12.97	244	1075300	91.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	148867	36.60	ng	96
3) Pyridine	3.50	79	428776	38.97	ng	94
4) n-Nitrosodimethylamine	3.46	42	175250	37.56	ng	89
6) Aniline	6.53	93	397555	28.05	ng	98
8) 2-Chlorophenol	6.66	128	389510	40.40	ng	96
9) Benzaldehyde	6.42	77	155471	25.52	ng	95
10) Phenol	6.52	94	479598	40.83	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	376099	41.19	ng	98
12) 1,3-Dichlorobenzene	6.80	146	419218	41.52	ng	98
13) 1,4-Dichlorobenzene	6.88	146	418106	40.70	ng	99
14) 1,2-Dichlorobenzene	7.04	146	385832	40.65	ng	96
15) Benzyl Alcohol	7.01	79	309410	40.16	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	541739	38.08	ng	95
17) 2-Methylphenol	7.12	107	330999	41.96	ng	99
18) Hexachloroethane	7.37	117	149607	40.52	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	252541	37.66	ng	94
20) 3+4-Methylphenols	7.27	107	378824	37.96	ng	# 74
22) Acetophenone	7.27	105	513472	38.28	ng	95
24) Nitrobenzene	7.45	77	395604	40.40	ng	96
25) Isophorone	7.69	82	737827	41.34	ng	100
26) 2-Nitrophenol	7.76	139	224656	47.71	ng	93
27) 2,4-Dimethylphenol	7.80	122	343383	38.62	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	471980	42.44	ng	99
29) 2,4-Dichlorophenol	8.01	162	315817	41.37	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	327244	42.86	ng	100
31) Naphthalene	8.17	128	1097950	42.23	ng	99
32) Benzoic acid	7.95	122	240929	32.98	ng	96
33) 4-Chloroaniline	8.22	127	193299	17.80	ng	98
34) Hexachlorobutadiene	8.28	225	162697	41.37	ng	99
35) Caprolactam	8.60	113	120629m	49.26	ng	
36) 4-Chloro-3-methylphenol	8.70	107	349541	40.73	ng	96
37) 2-Methylnaphthalene	8.86	142	766402	45.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	293463	39.17	ng	100
40) Hexachlorocyclopentadiene	9.01	237	243115	71.01	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	217007	40.89	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	227342	42.91	ng	93
45) 1,1'-Biphenyl	9.33	154	868442	40.23	ng	99
46) 2-Chloronaphthalene	9.35	162	685926	42.32	ng	97
47) 2-Nitroaniline	9.45	65	208676	42.04	ng	94
48) Acenaphthylene	9.77	152	1047740	42.22	ng	100
49) Dimethylphthalate	9.63	163	801899	42.30	ng	100
50) 2,6-Dinitrotoluene	9.69	165	183834	44.54	ng	86
51) Acenaphthene	9.94	154	612980	39.00	ng	98
52) 3-Nitroaniline	9.86	138	155925	32.40	ng	90
53) 2,4-Dinitrophenol	9.97	184	142056	67.12	ng	99
54) Dibenzofuran	10.11	168	926889	44.29	ng	98
55) 4-Nitrophenol	10.03	139	301261	74.03	ng	88
56) 2,4-Dinitrotoluene	10.10	165	240562	44.91	ng	# 89
57) Fluorene	10.45	166	711616	42.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	171661	46.90	ng	98
59) Diethylphthalate	10.33	149	784827	42.36	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	316126	41.84	ng	98
61) 4-Nitroaniline	10.48	138	205163	44.19	ng	90
62) Azobenzene	10.60	77	731487	42.94	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	103194	38.64	ng	90
65) n-Nitrosodiphenylamine	10.56	169	649934	42.74	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	190240	44.28	ng	92
67) Hexachlorobenzene	11.00	284	190947	41.61	ng	99
68) Atrazine	11.09	200	201324	44.00	ng	99
69) Pentachlorophenol	11.20	266	201617	70.59	ng	98
70) Phenanthrene	11.42	178	1026215	43.68	ng	99
71) Anthracene	11.47	178	1052625	43.78	ng	100
72) Carbazole	11.62	167	970719	41.23	ng	99
73) Di-n-butylphthalate	11.94	149	1220223	43.06	ng	99
74) Fluoranthene	12.60	202	1026680	43.15	ng	99
76) Benzidine	12.72	184	238009	24.19	ng	98
77) Pyrene	12.83	202	1032429	50.89	ng	99
79) Butylbenzylphthalate	13.44	149	474990	49.82	ng	99
80) Benzo(a)anthracene	14.02	228	710944	44.13	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	197731	33.48	ng	98
82) Chrysene	14.06	228	663878	43.29	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	620410	47.26	ng	99
84) Di-n-octyl phthalate	14.61	149	879854	41.62	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	629098	51.28	ng	96
87) Benzo(b)fluoranthene	15.07	252	584907	44.36	ng	97
88) Benzo(k)fluoranthene	15.10	252	504541	38.75	ng	98
89) Benzo(a)pyrene	15.44	252	534940	44.20	ng	# 96
90) Dibenzo(a,h)anthracene	17.00	278	520518	53.74	ng	99
91) Benzo(g,h,i)perylene	17.44	276	554413	57.91	ng	96

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

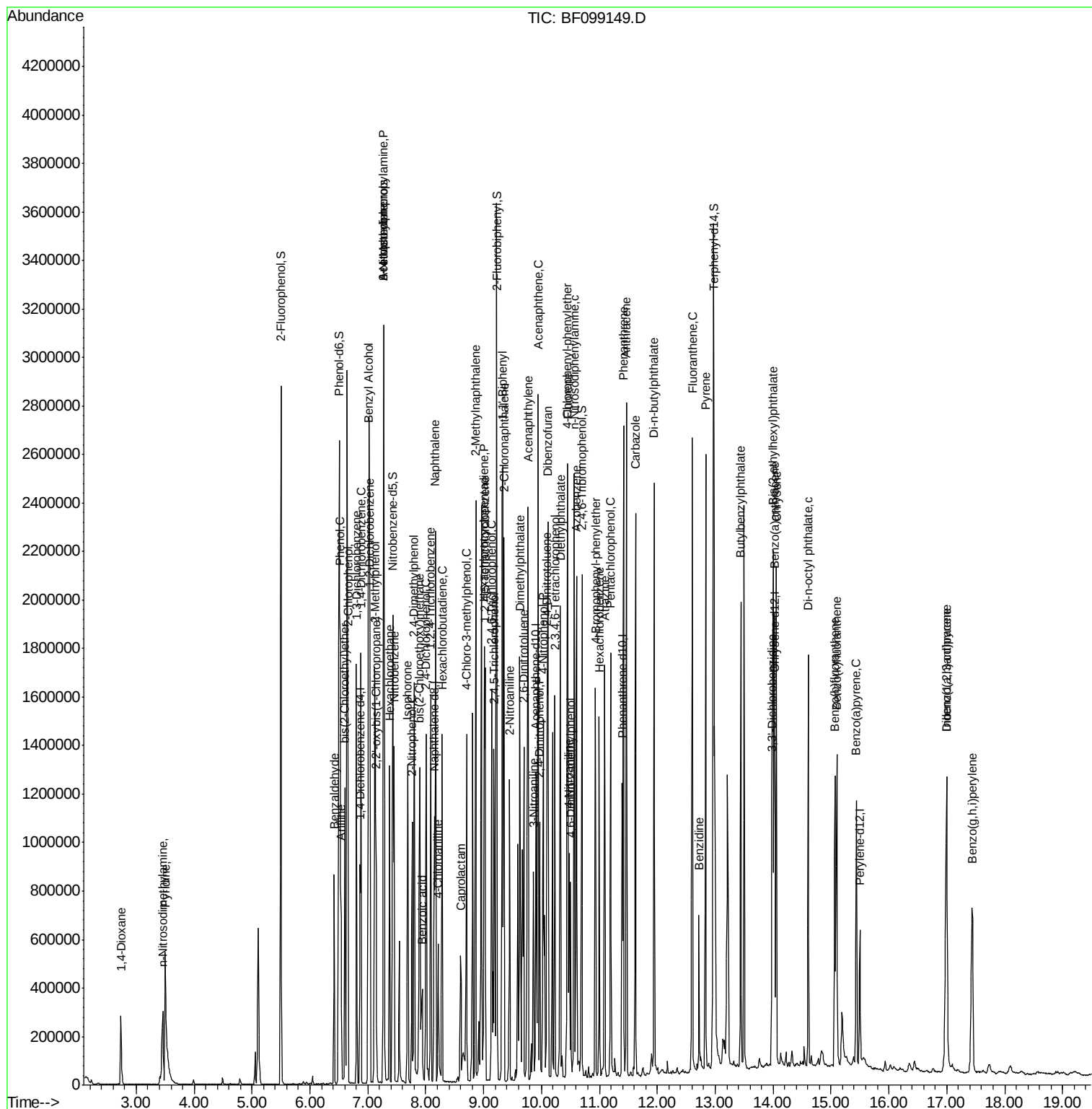
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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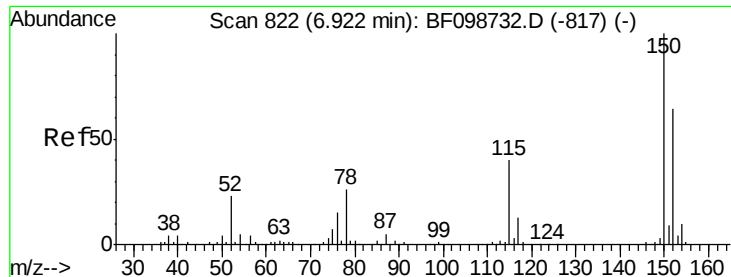
Instrument :
BNA_F
ClientSampleId :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

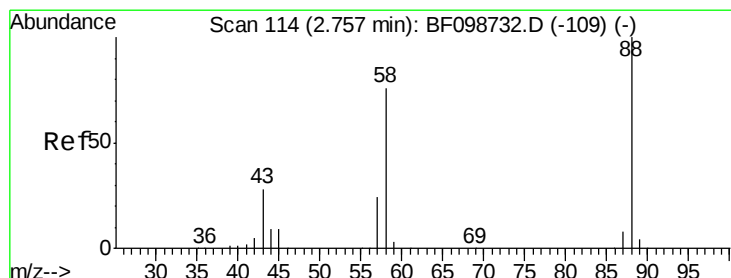
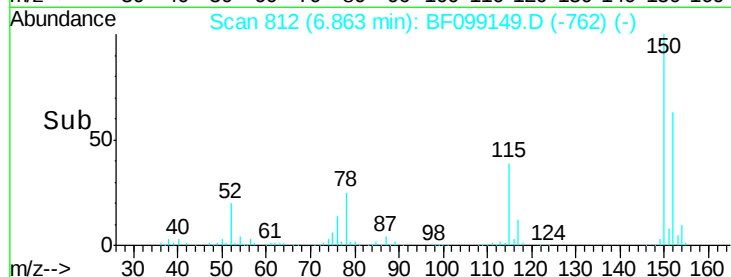
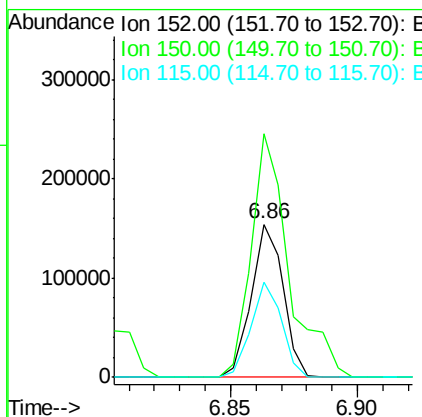
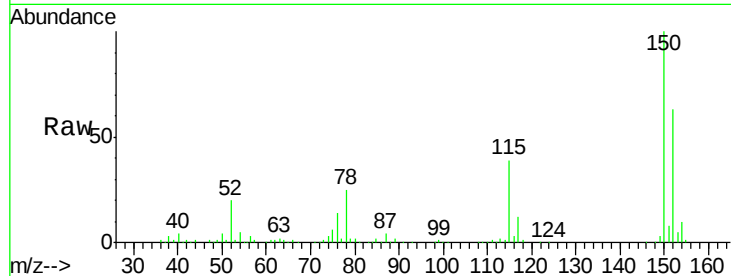
ClientSampleId :

PB102939BS

Tgt Ion:	152	Resp:	135529
Ion Ratio	Lower	Upper	
152	100		
150	159.3	124.6	186.8
115	62.6	50.1	75.1

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#2

1,4-Dioxane

Concen: 36.60 ng

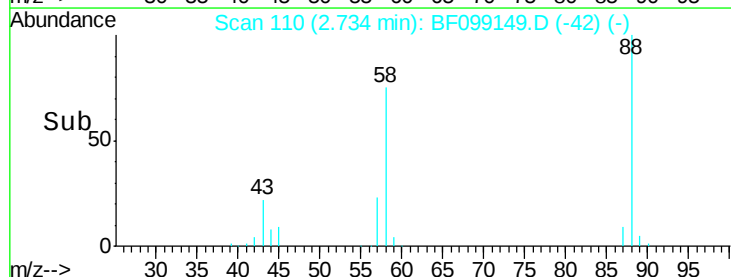
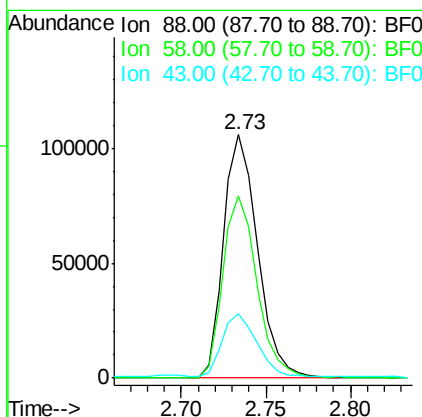
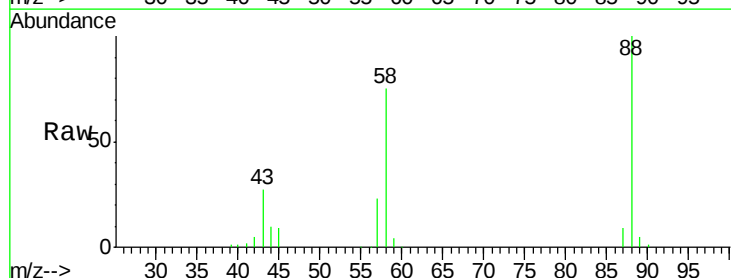
RT: 2.73 min Scan# 110

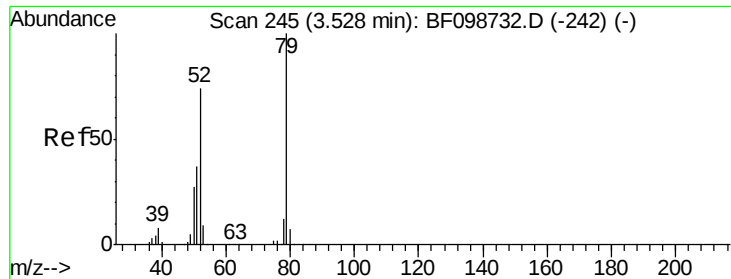
Delta R.T. 0.10 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	88	Resp:	148867
Ion Ratio	Lower	Upper	
88	100		
58	75.5	62.6	93.8
43	26.7	24.6	37.0





#3

Pyridine

Concen: 38.97 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

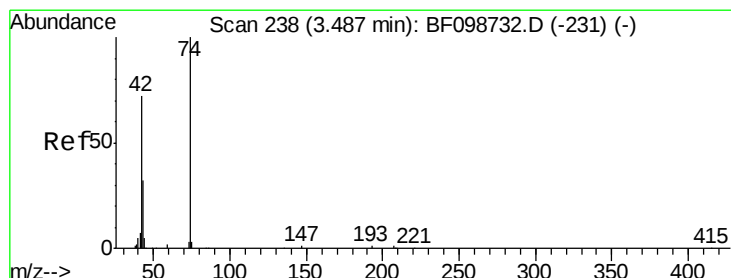
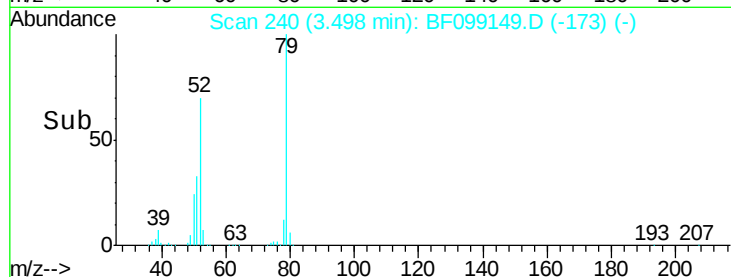
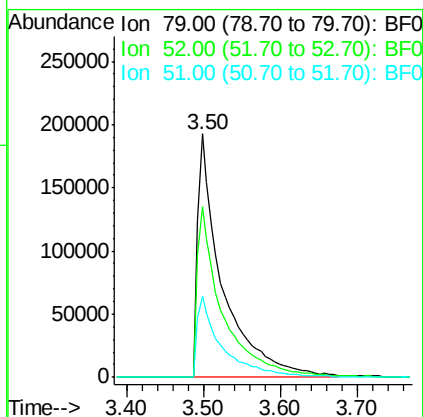
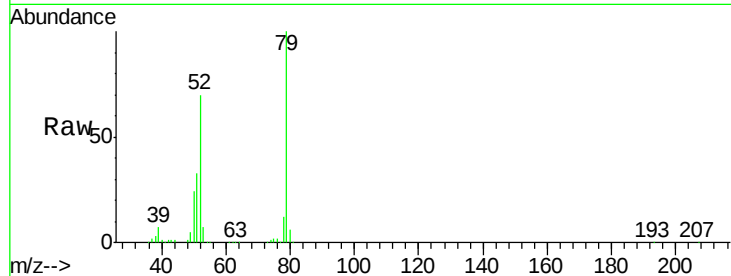
ClientSampled :

PB102939BS

Tgt Ion:	79	Resp:	428776
Ion	Ratio	Lower	Upper
79	100		
52	70.0	59.8	89.6
51	33.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.56 ng

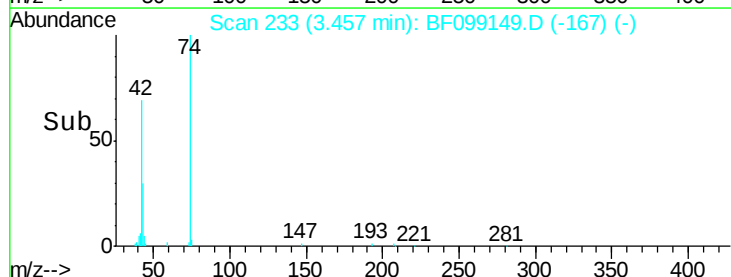
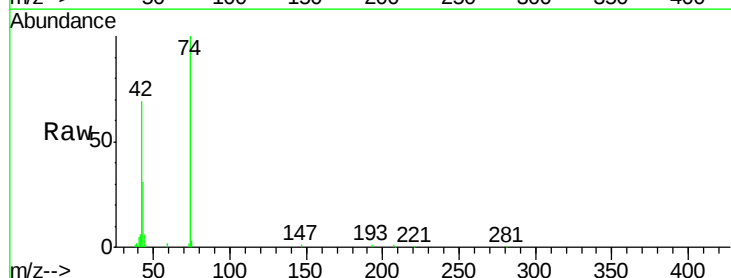
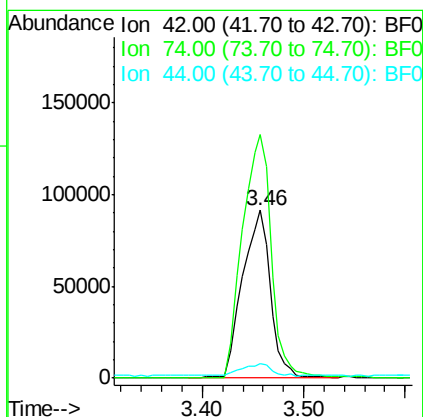
RT: 3.46 min Scan# 233

Delta R.T. 0.09 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	42	Resp:	175250
Ion	Ratio	Lower	Upper
42	100		
74	145.0	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 118.03 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

ClientSampled :

PB102939BS

Tgt Ion: 112 Resp: 1004834

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

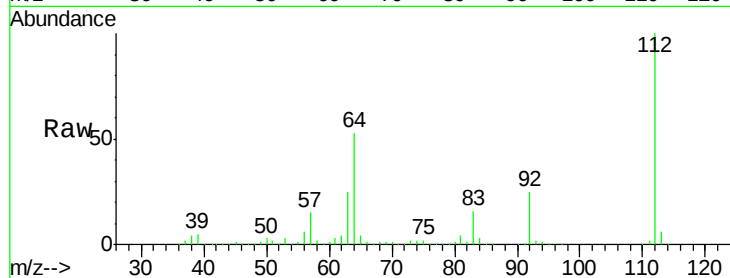
63 25.4 23.7 35.5

Manual Integrations

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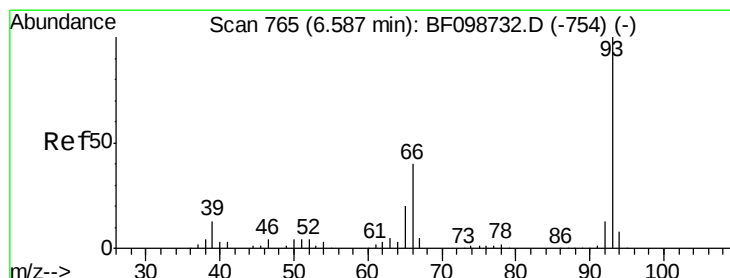
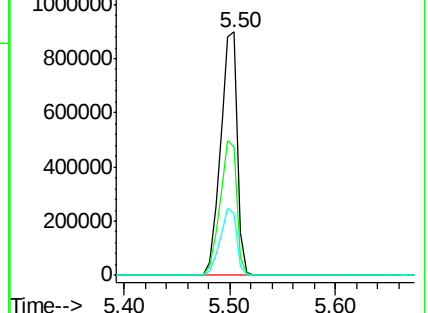
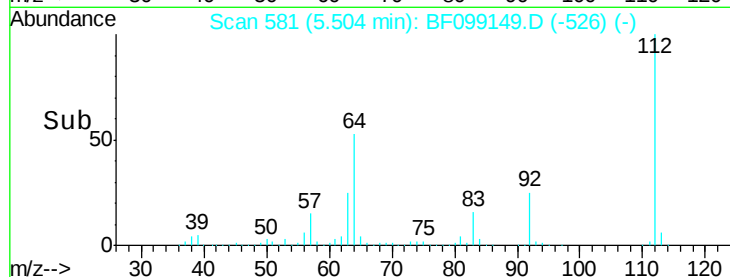
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.05 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

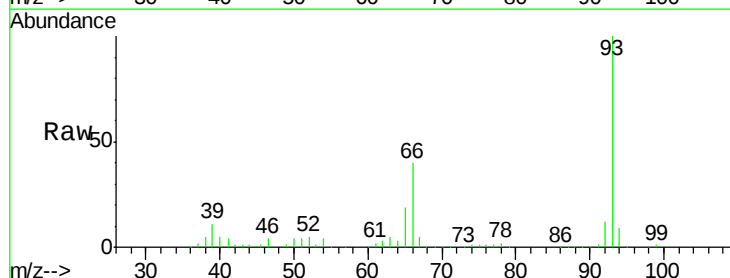
Tgt Ion: 93 Resp: 397555

Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

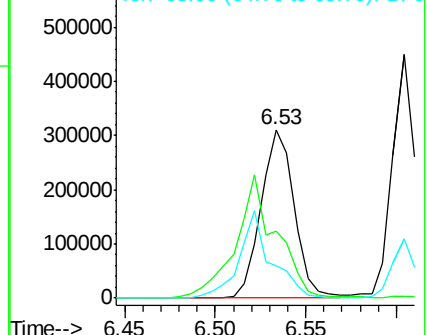
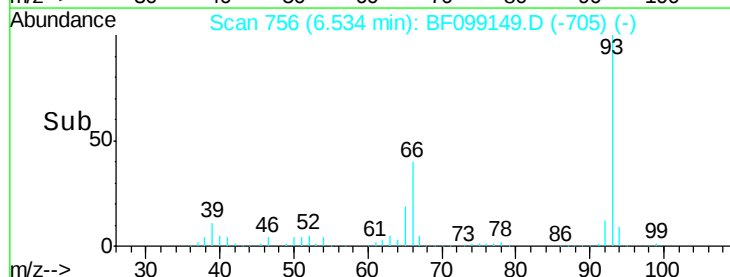
65 19.3 16.4 24.6

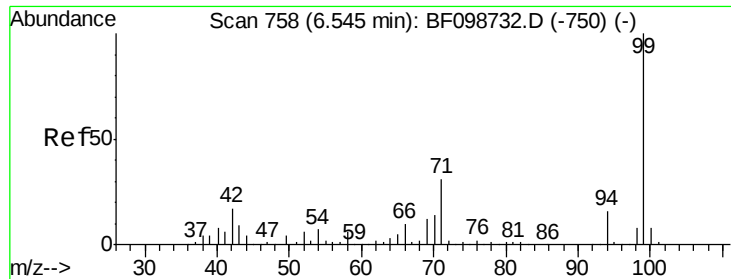


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.84 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

PB102939BS

Tgt Ion: 99 Resp: 1227171

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

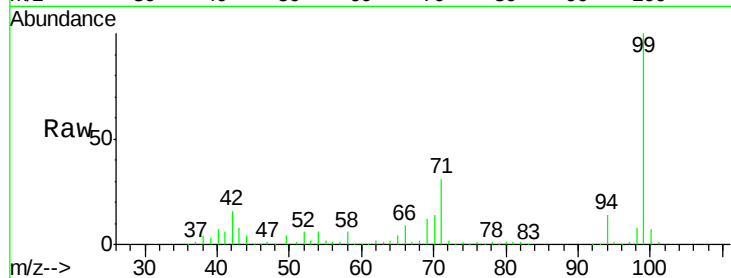
71 30.6 25.4 38.0

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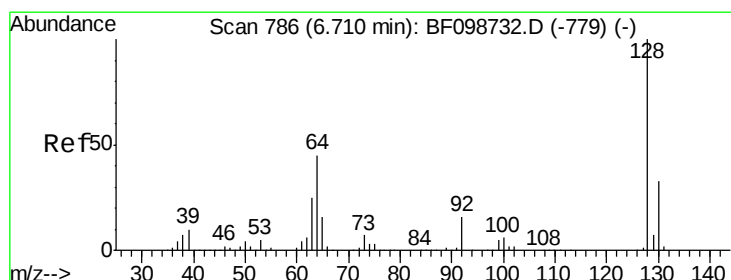
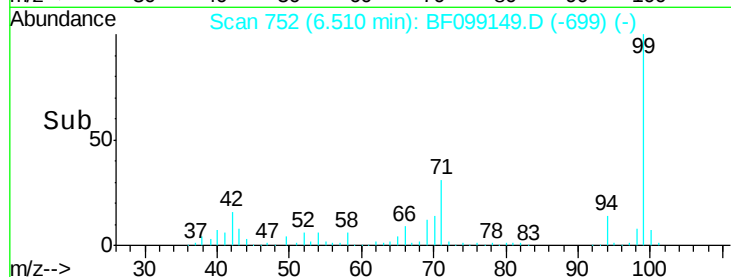
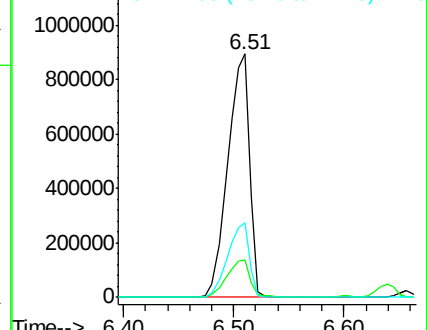
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.40 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

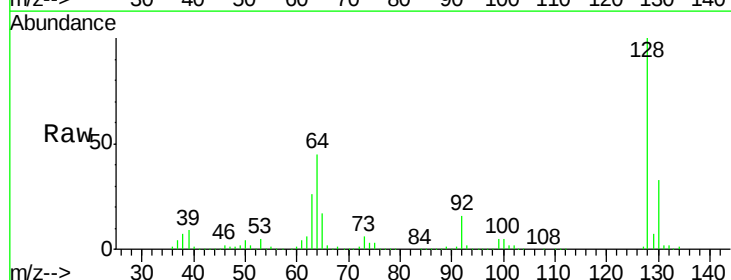
Tgt Ion: 128 Resp: 389510

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

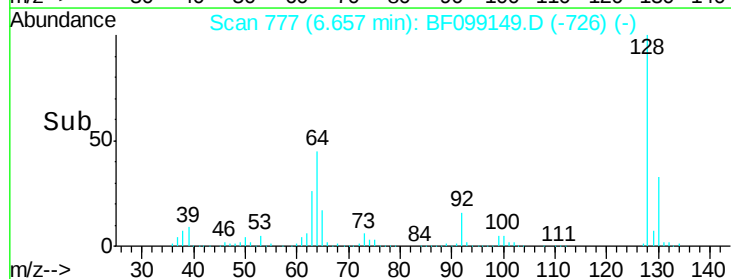
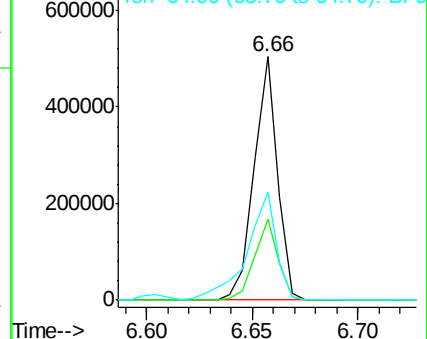
64 44.6 29.4 69.4

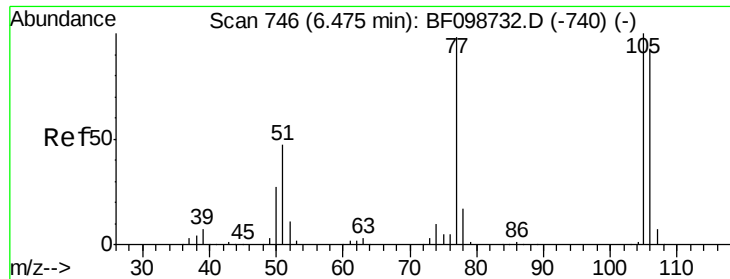


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.52 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

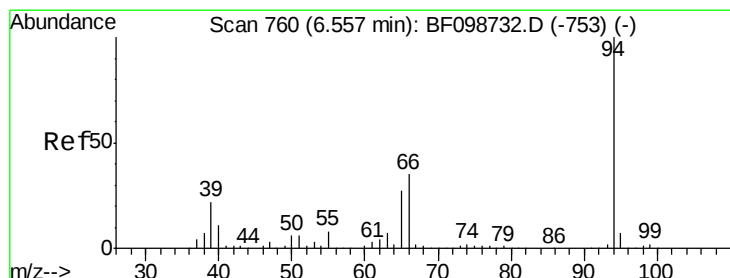
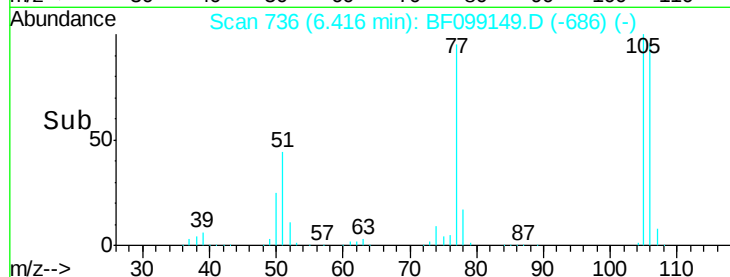
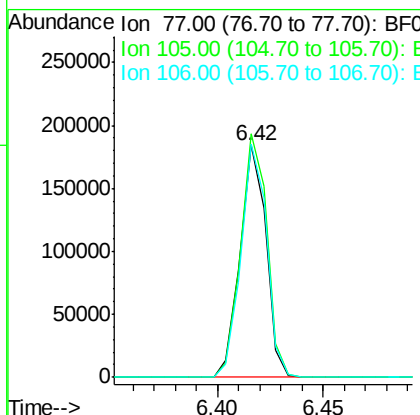
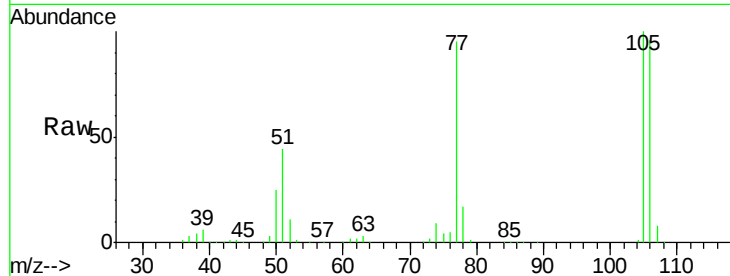
ClientSampled :

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Tgt Ion: 77 Resp: 155471
 Ion Ratio Lower Upper
 77 100
 105 105.0 81.1 121.1
 106 100.7 74.5 114.5

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#10

Phenol

Concen: 40.83 ng

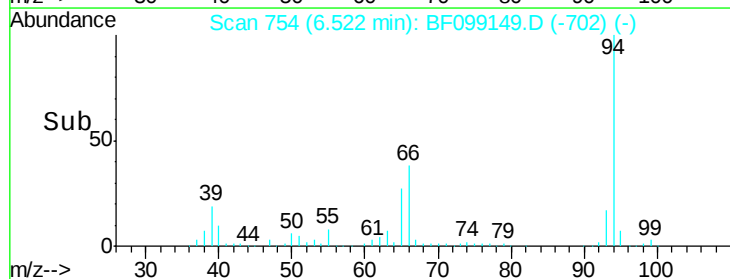
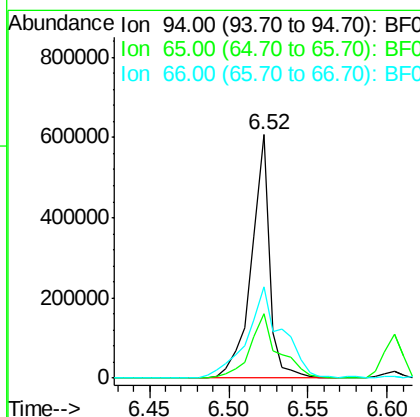
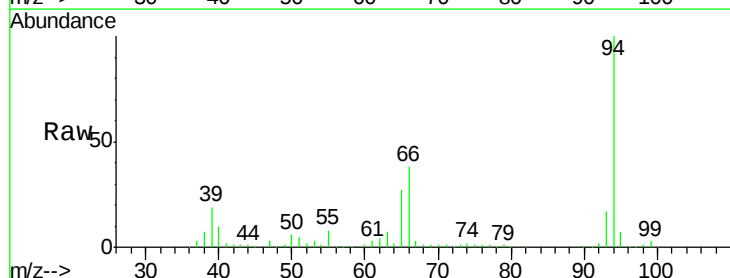
RT: 6.52 min Scan# 754

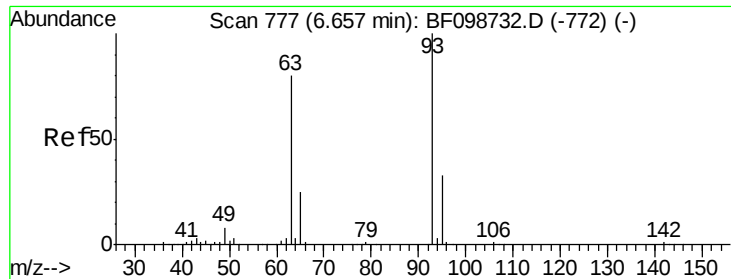
Delta R.T. 0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion: 94 Resp: 479598
 Ion Ratio Lower Upper
 94 100
 65 26.7 7.9 47.9
 66 37.6 16.2 56.2





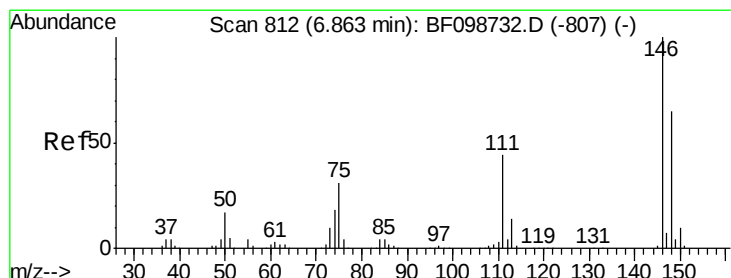
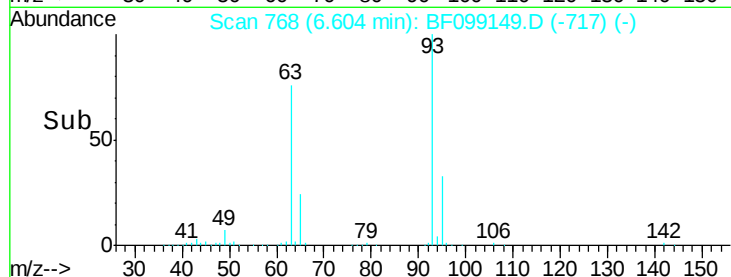
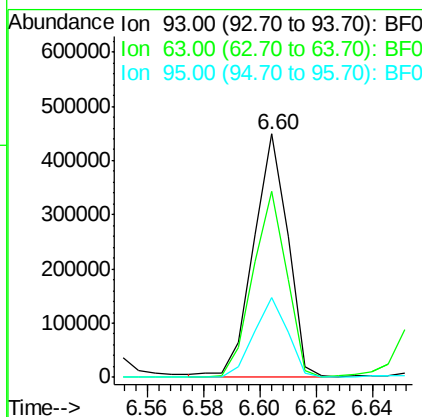
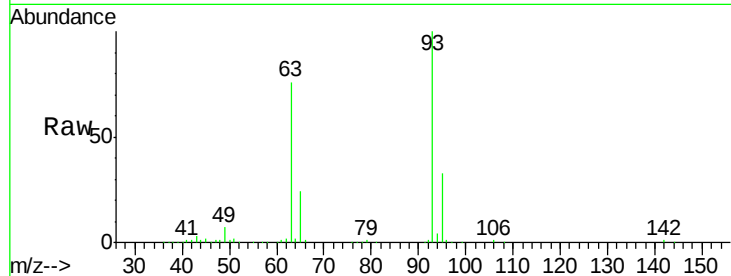
#11
bis(2-Chloroethyl)ether
Concen: 41.19 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.3	58.6	98.6
95	32.6	11.8	51.8

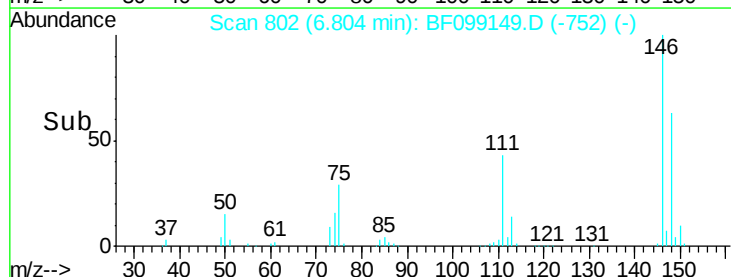
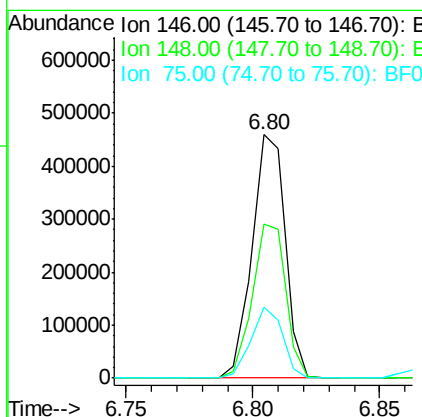
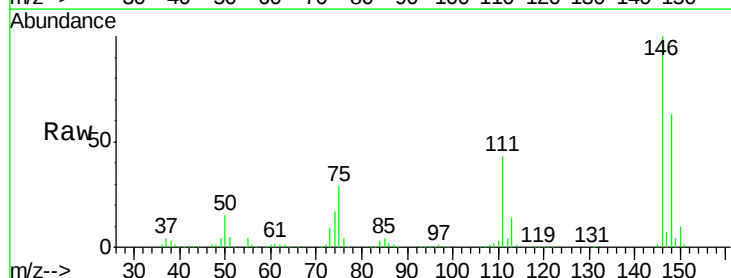
Manual Integrations
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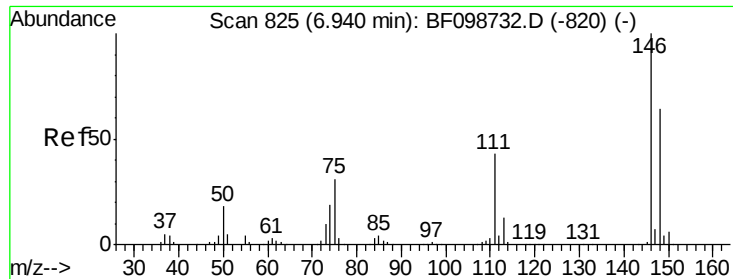
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.52 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.3	24.2	36.4





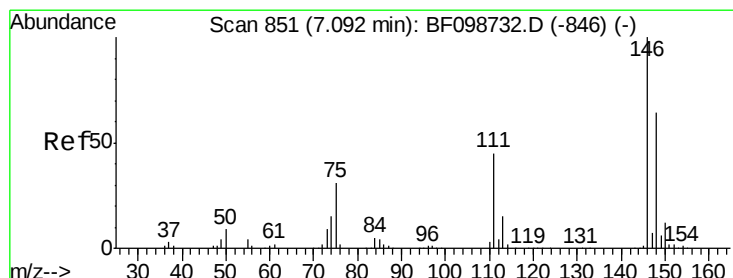
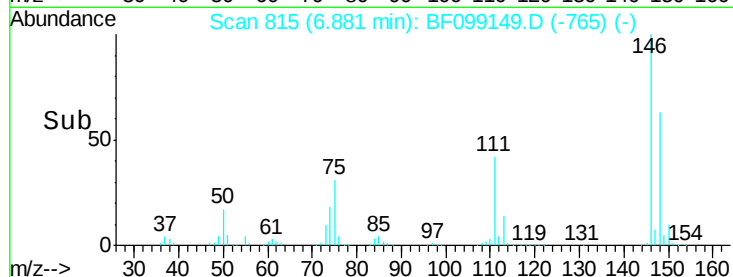
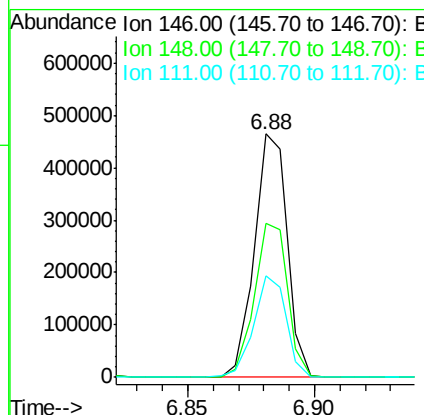
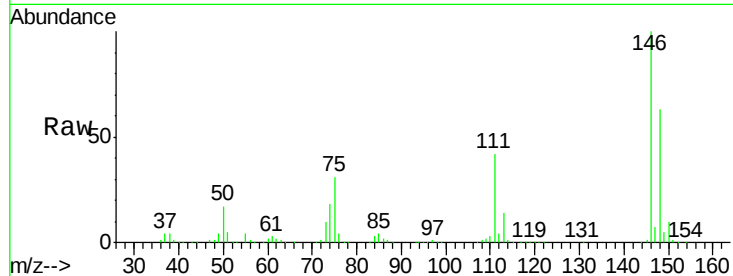
#13
1,4-Dichlorobenzene
Concen: 40.70 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	41.8	34.2	51.2

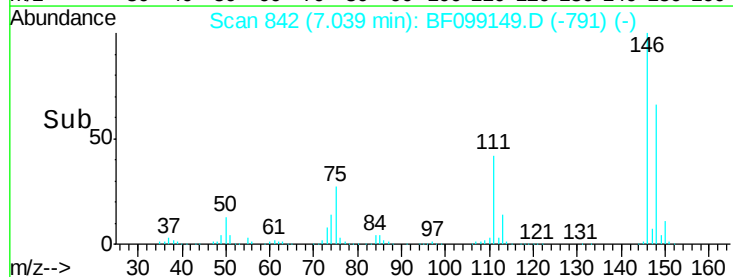
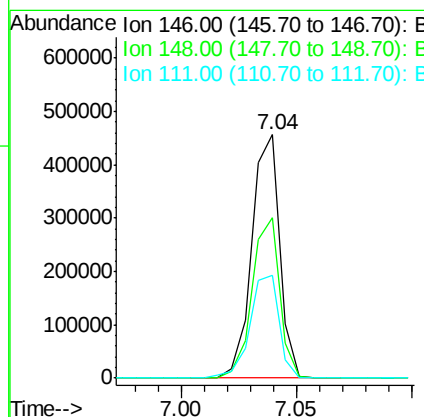
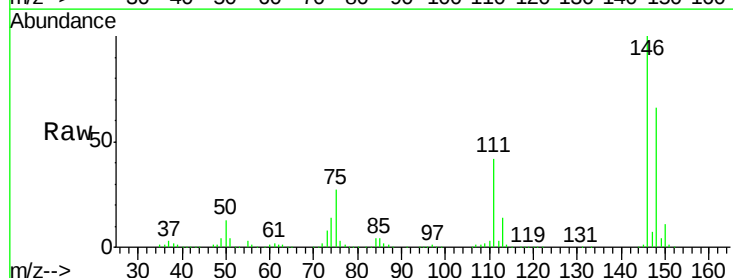
Manual Integrations
APPROVED

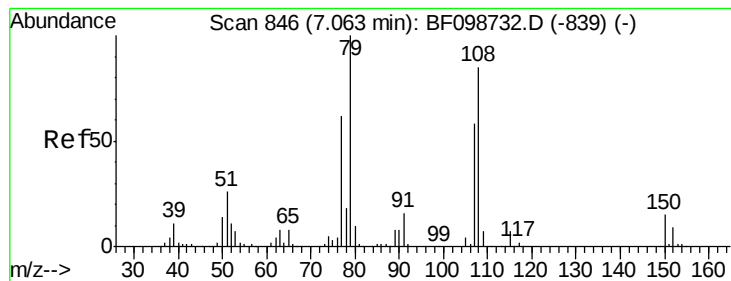
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#14
1,2-Dichlorobenzene
Concen: 40.65 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	75.8
111	42.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.16 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

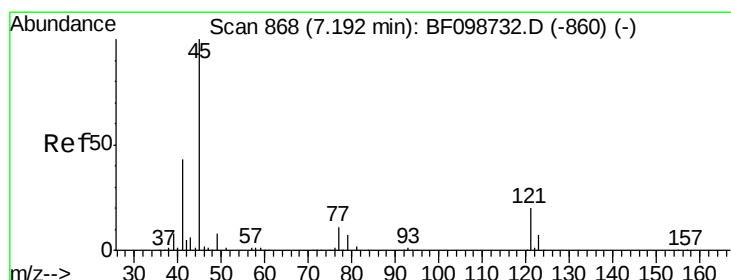
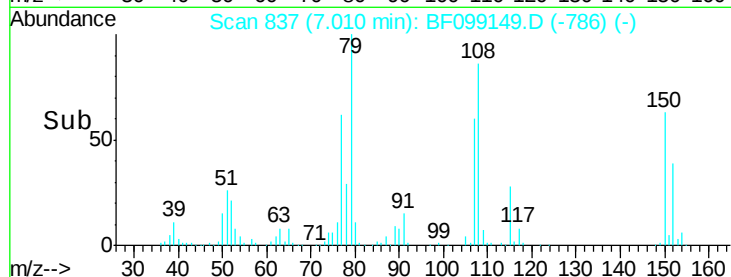
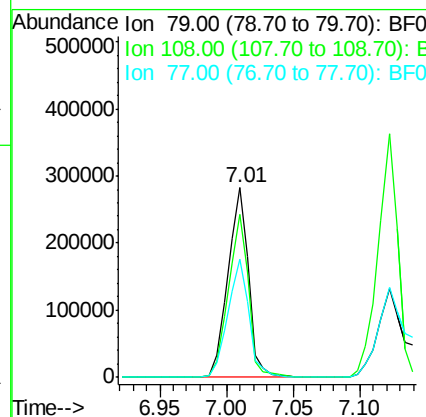
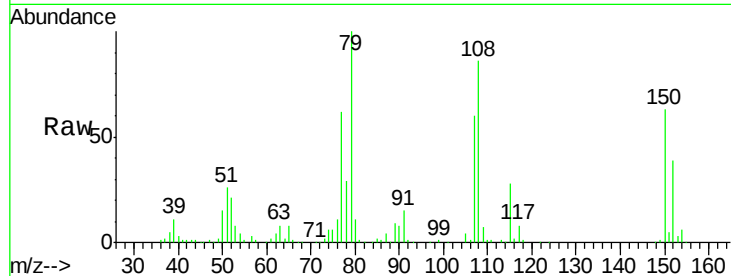
ClientSampleId :

PB102939BS

Tgt Ion:	79	Resp:	309410
Ion Ratio	Lower	Upper	
79	100		
108	86.1	65.1	97.7
77	62.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.08 ng

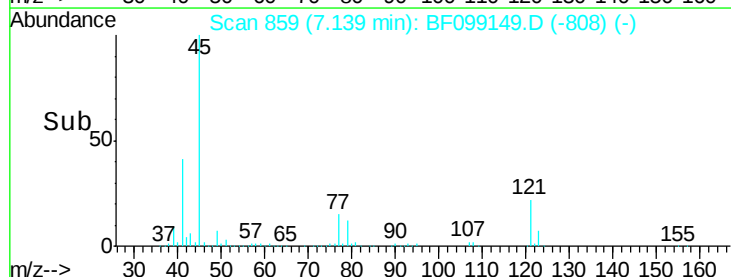
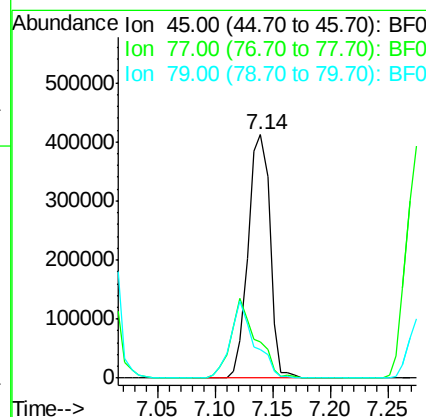
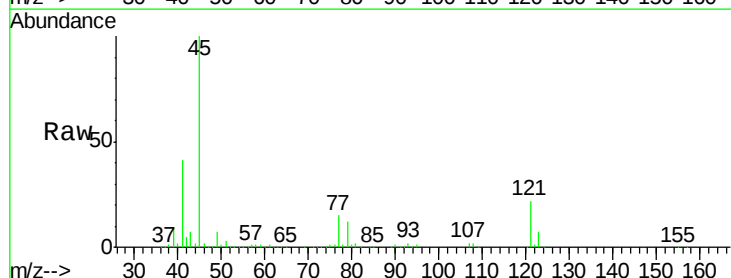
RT: 7.14 min Scan# 859

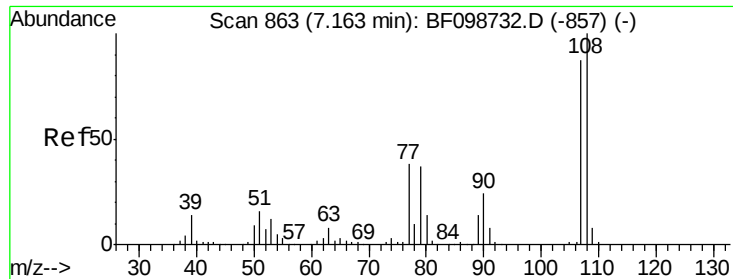
Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	45	Resp:	541739
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.9
79	11.6	0.0	29.6





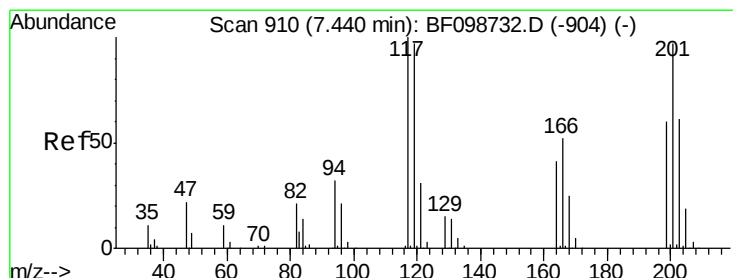
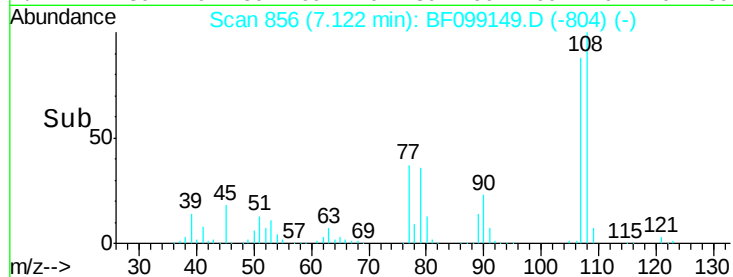
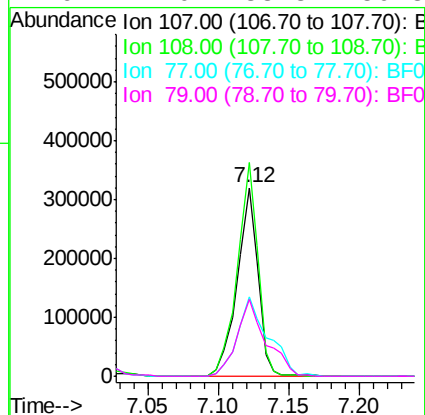
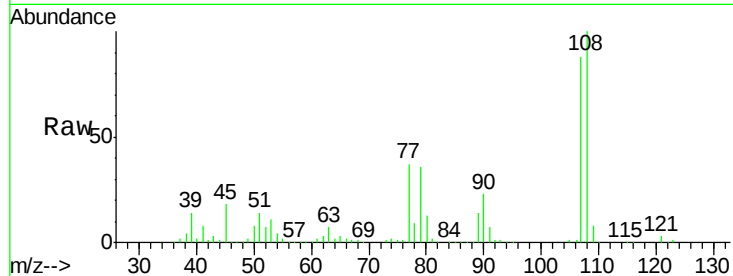
#17
2-Methylphenol
Concen: 41.96 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	42.1	33.8	50.8	
79	41.0	33.8	50.8	

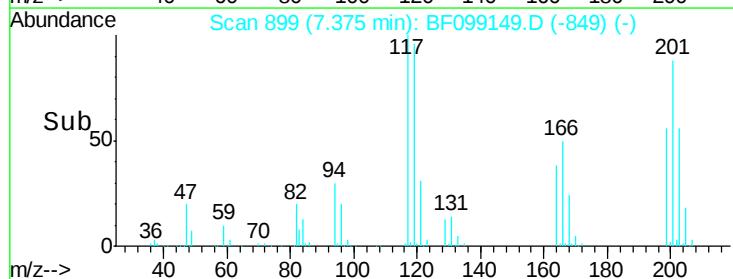
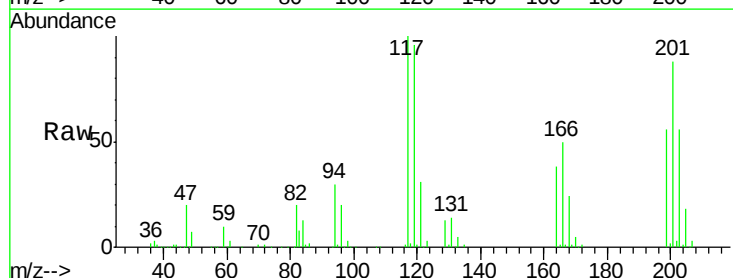
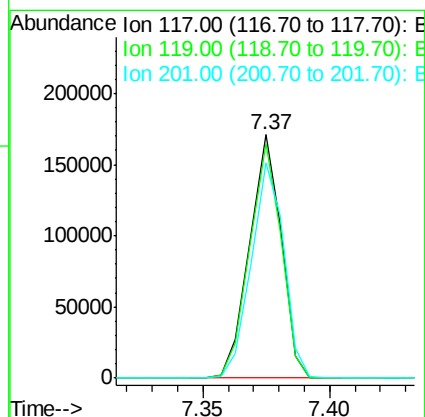
Manual Integrations
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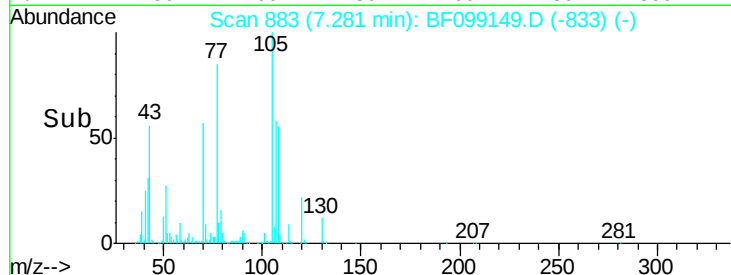
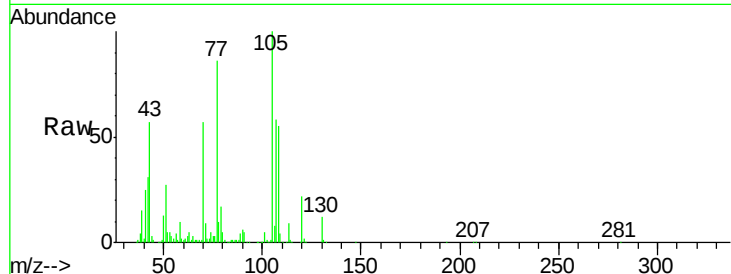
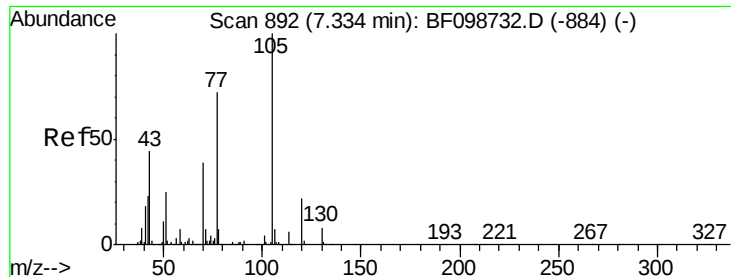
Sohil
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#18
Hexachloroethane
Concen: 40.52 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	88.4	75.7	113.5	





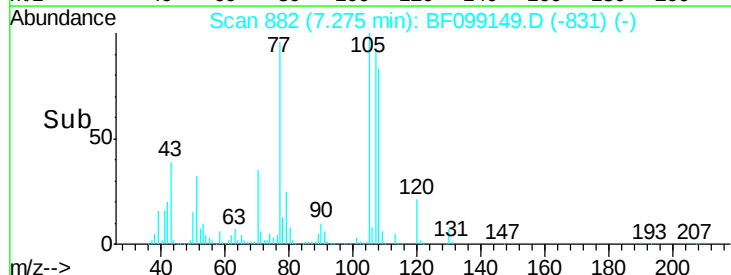
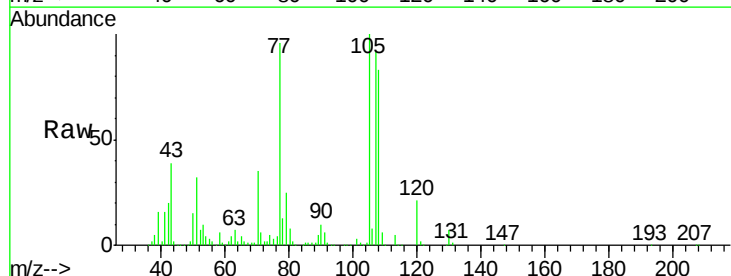
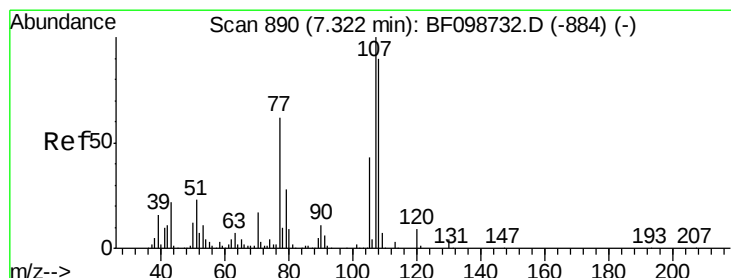
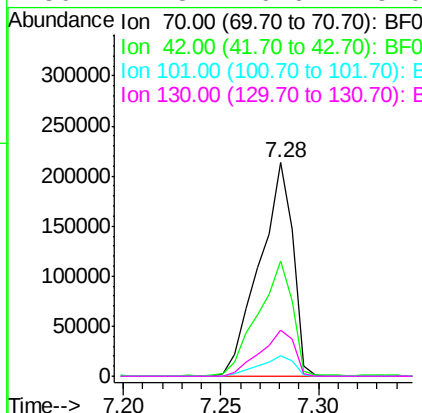
#19
n-Nitroso-di-n-propylamine
Concen: 37.66 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	9.3	7.4	11.2
130	21.8	16.6	25.0

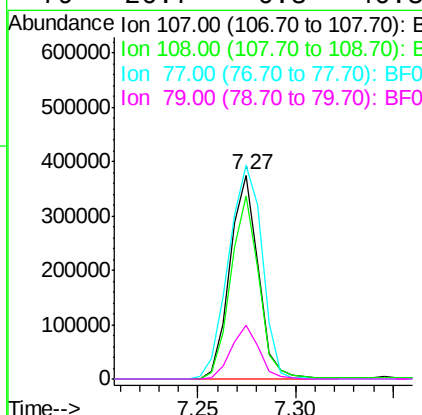
Manual Integrations
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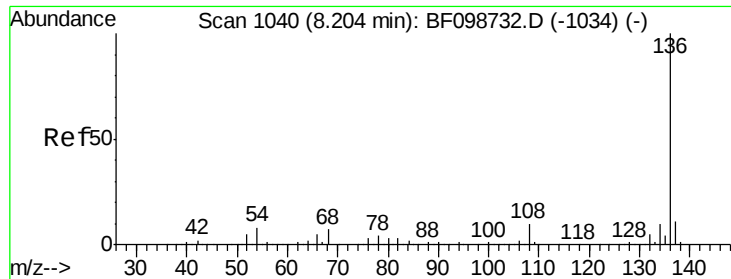
Sohil
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#20
3+4-Methylphenols
Concen: 37.96 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	104.8	26.7	66.7#
79	26.7	6.3	46.3





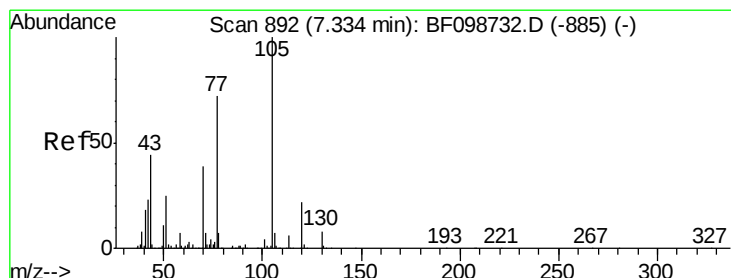
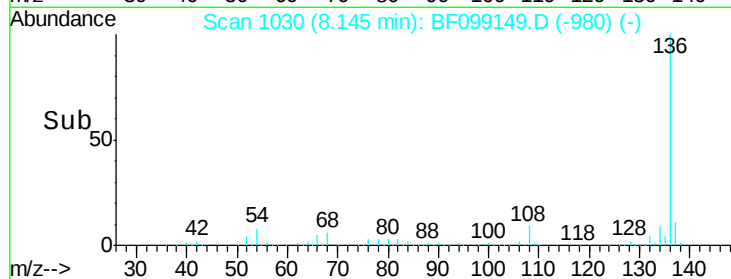
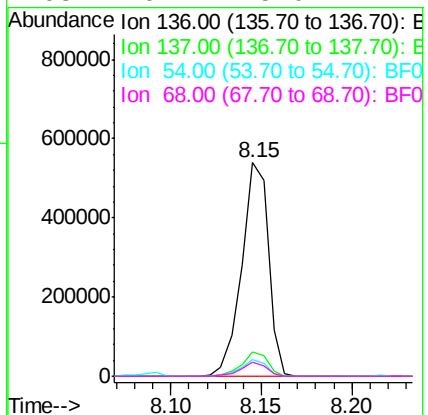
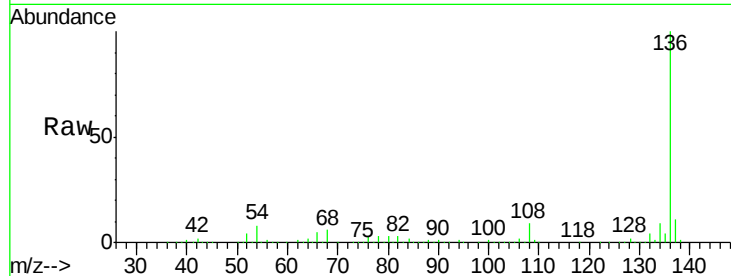
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4

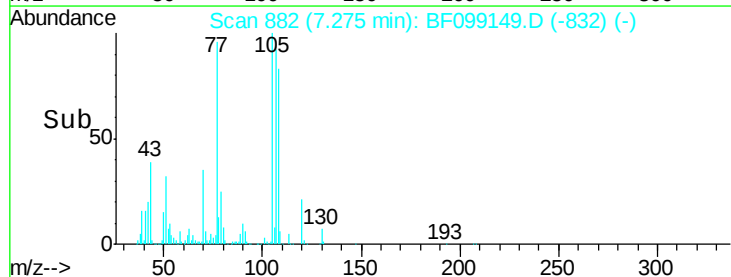
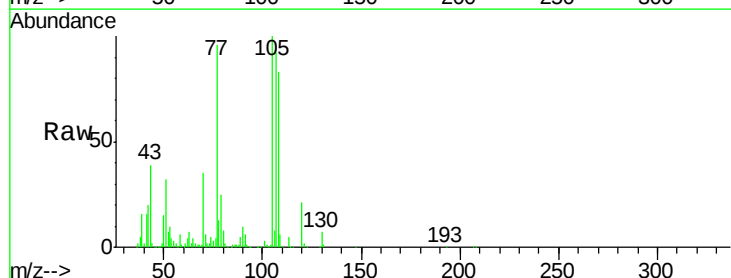
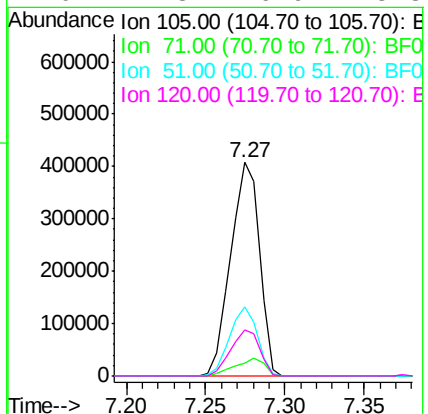
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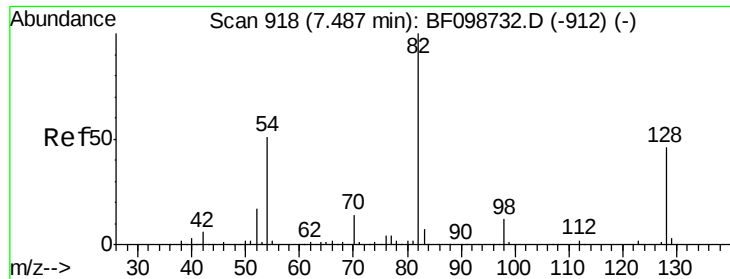
Sohil
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#22
Acetophenone
Concen: 38.28 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.9	4.4	6.6
51	32.4	22.3	33.5
120	21.3	16.9	25.3





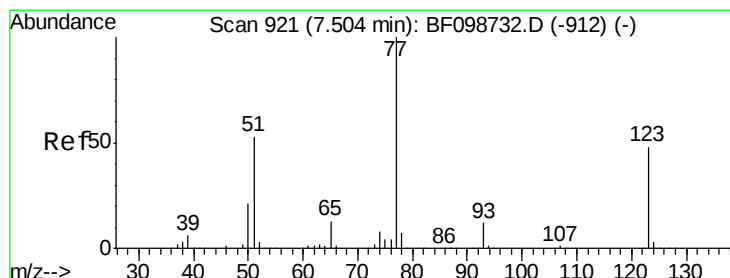
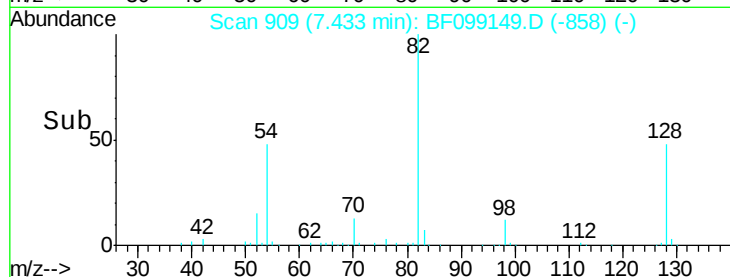
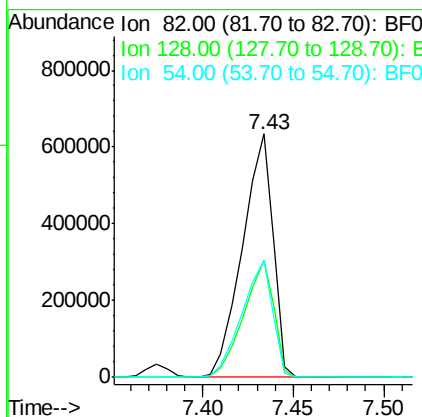
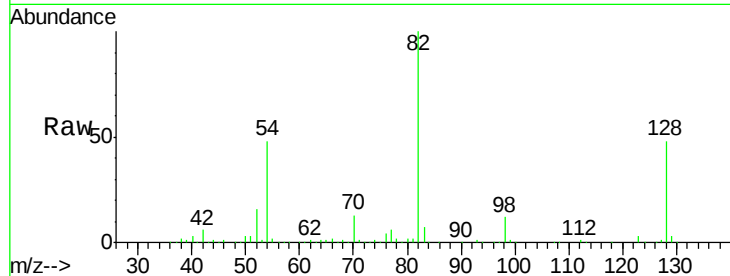
#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	744627		
128	48.1	36.1	54.1	
54	48.0	41.4	62.2	

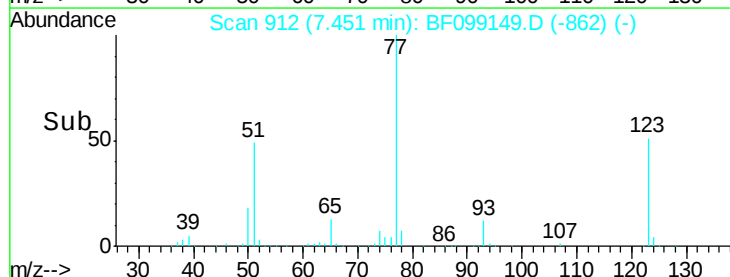
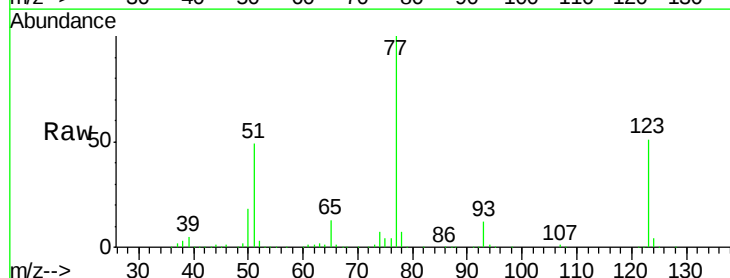
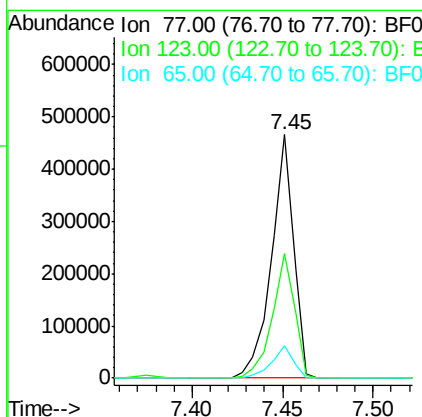
Manual Integrations
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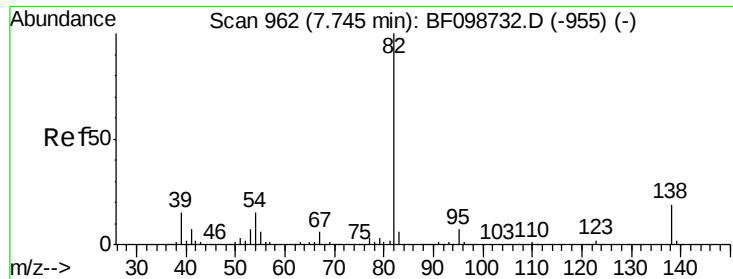
Sohil
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#24
 Nitrobenzene
 Concen: 40.40 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	395604		
123	51.0	37.9	56.9	
65	13.2	11.0	16.4	





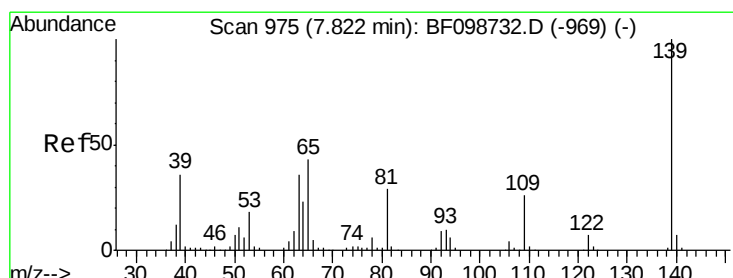
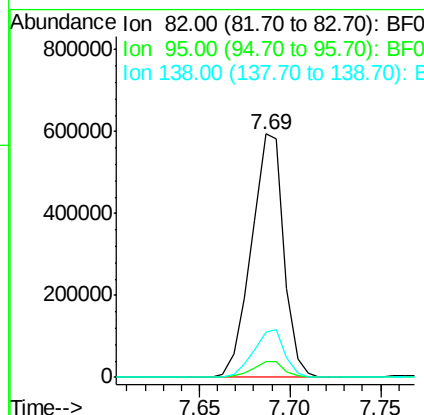
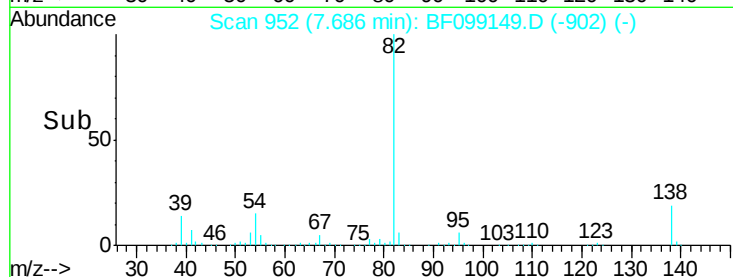
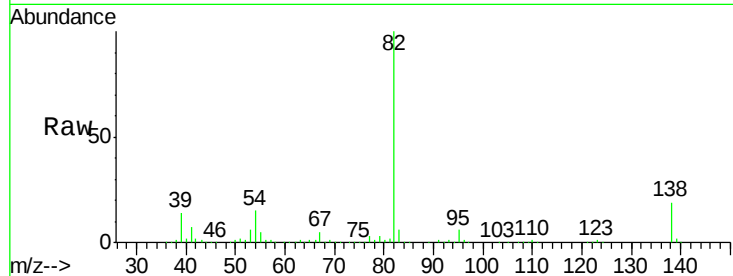
#25
Isophorone
Concen: 41.34 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	737827		
95	6.4	5.2	7.8	
138	18.8	14.9	22.3	

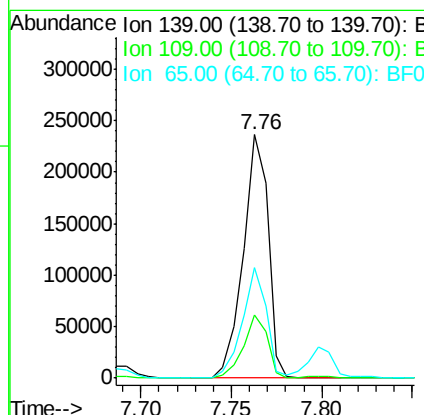
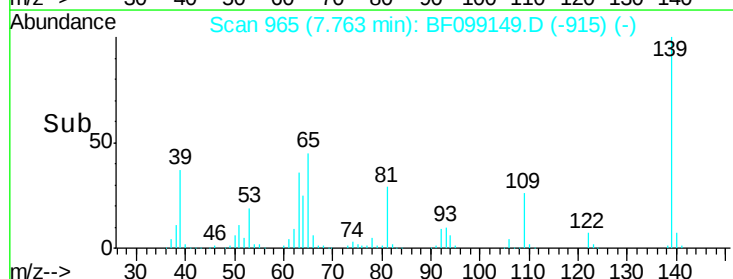
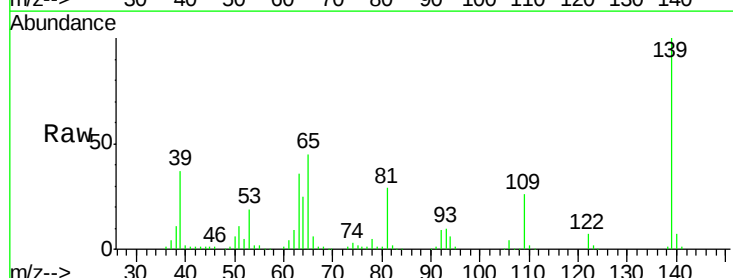
Manual Integrations
APPROVED

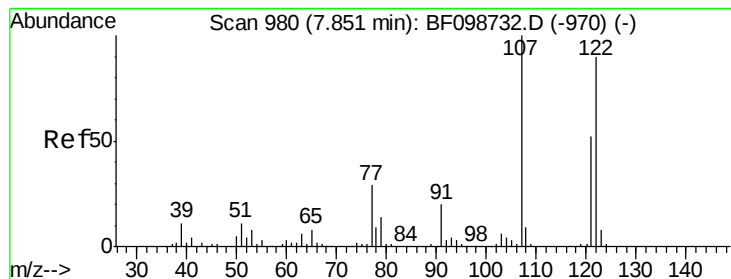
Sohil
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#26
2-Nitrophenol
Concen: 47.71 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	224656		
109	25.8	22.7	34.1	
65	45.3	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 38.62 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

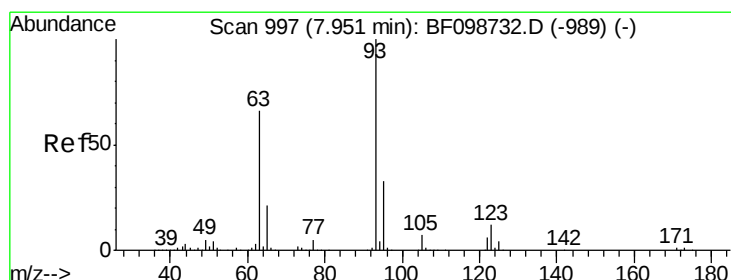
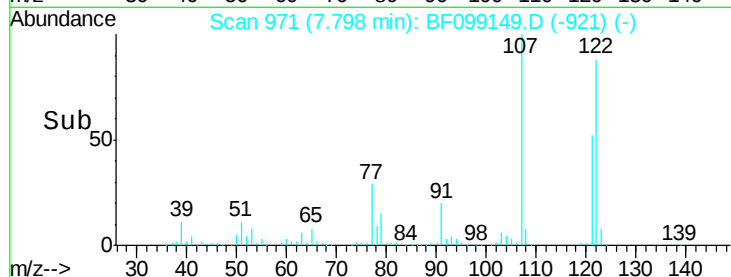
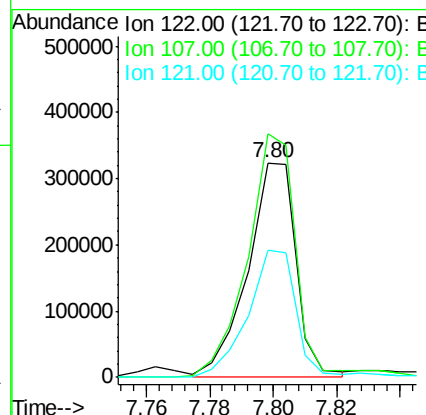
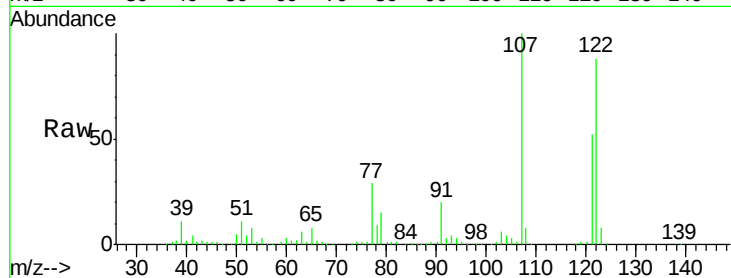
ClientSampleId :

PB102939BS

Tgt Ion:	122	Resp:	343383
Ion Ratio	Lower	Upper	
122	100		
107	113.6	91.2	136.8
121	59.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.44 ng

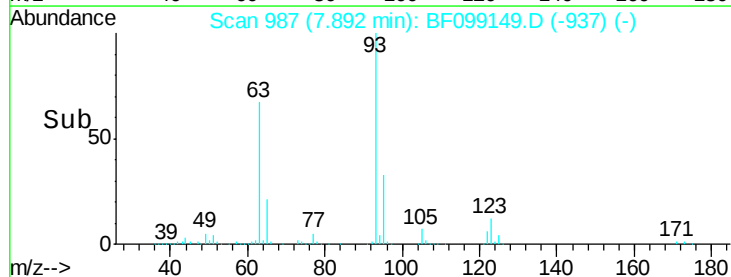
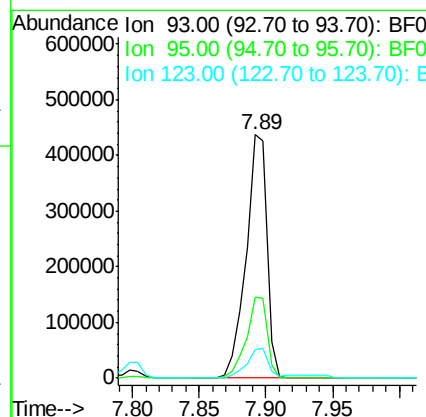
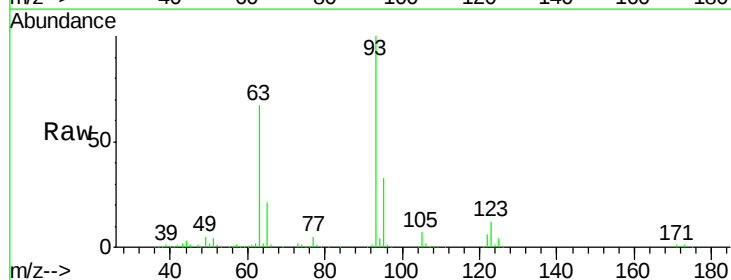
RT: 7.89 min Scan# 987

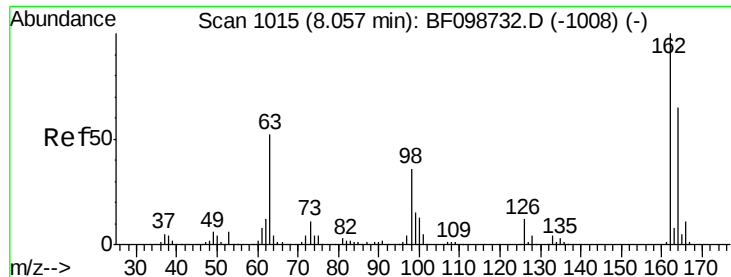
Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	93	Resp:	471980
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.6	9.8	14.6





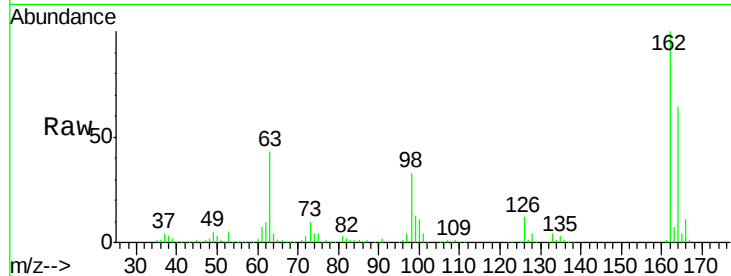
#29
2,4-Dichlorophenol
Concen: 41.37 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

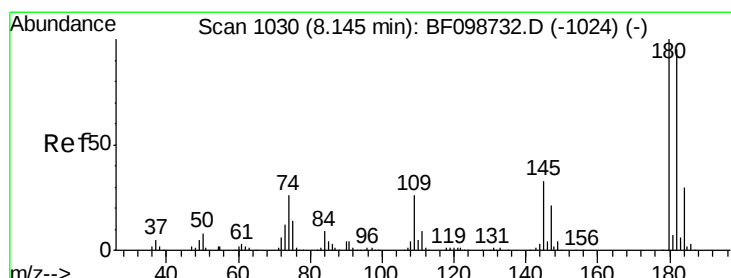
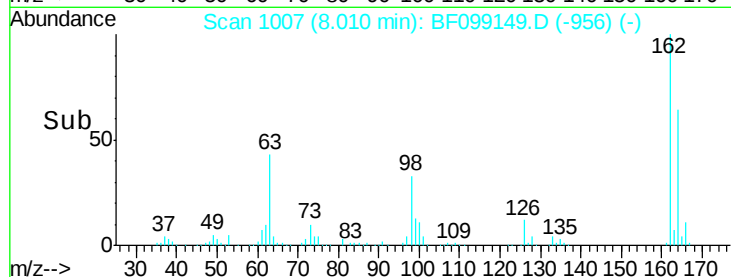
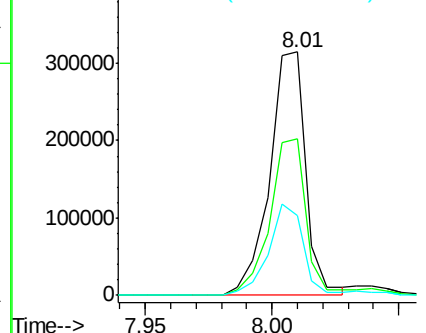
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	315817		
164	64.3	42.7	82.7	
98	33.0	18.1	58.1	

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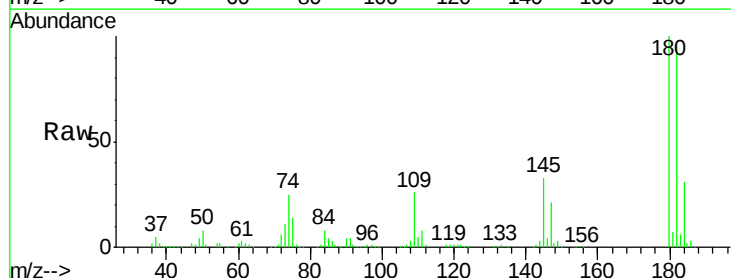


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

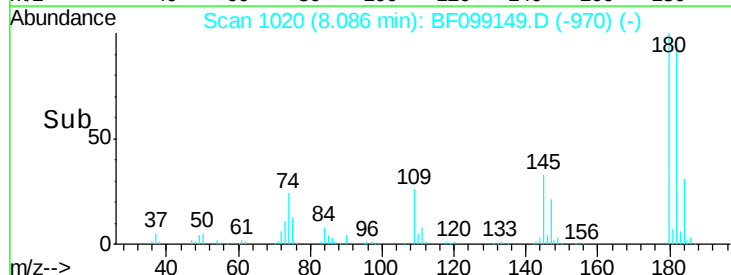
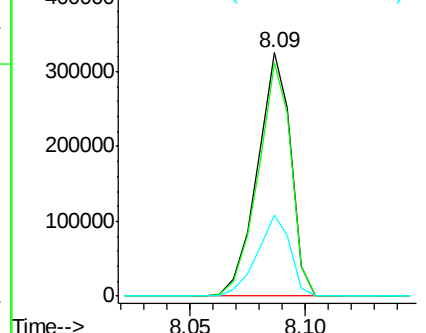


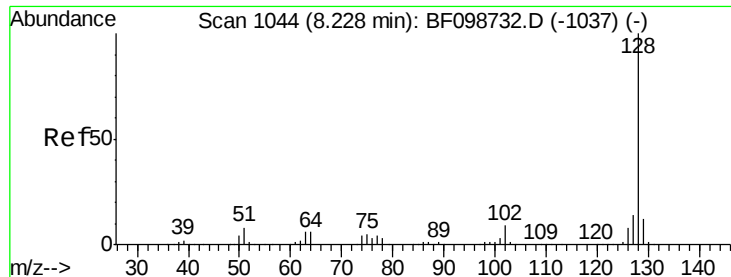
#30
1,2,4-Trichlorobenzene
Concen: 42.86 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327244		
182	96.0	76.8	115.2	
145	33.3	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





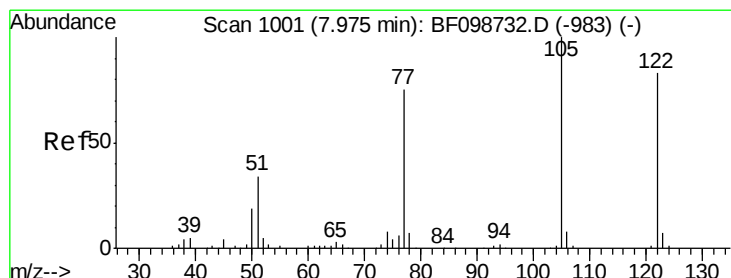
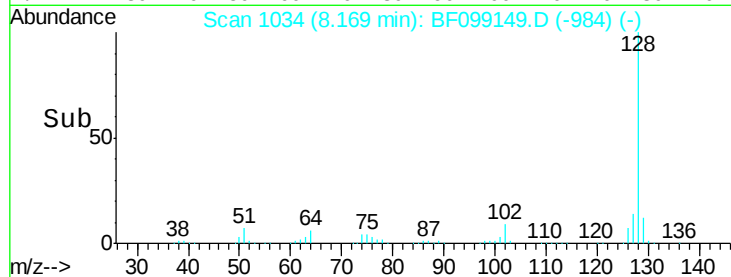
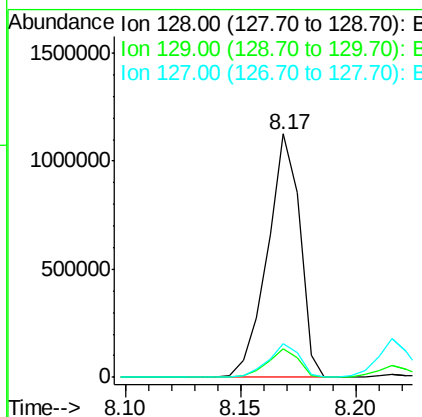
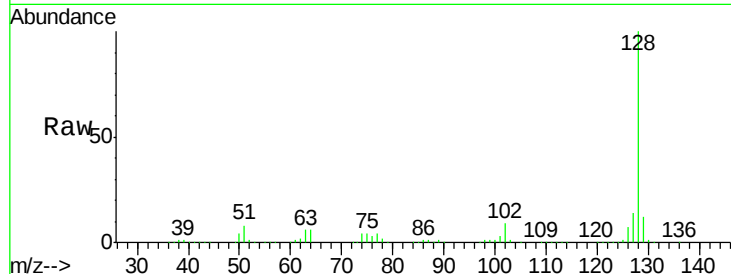
#31
Naphthalene
Concen: 42.23 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampled :
PB102939BS

Tgt Ion:128 Resp: 1097950
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 10.9 16.3

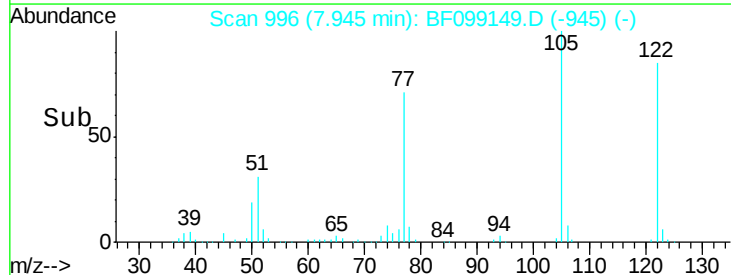
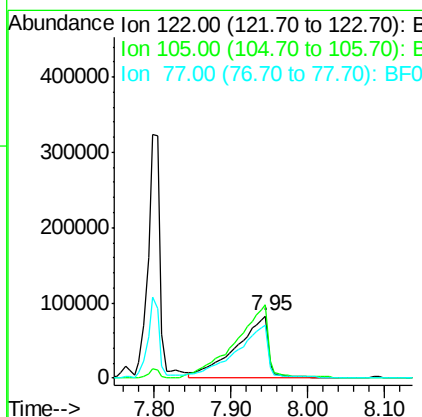
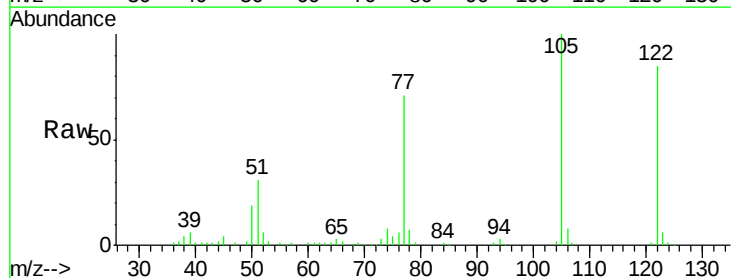
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#32
Benzoic acid
Concen: 32.98 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion:122 Resp: 240929
Ion Ratio Lower Upper
122 100
105 118.1 101.1 141.1
77 84.2 70.7 110.7





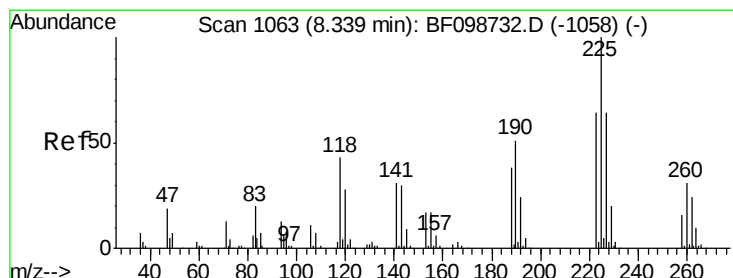
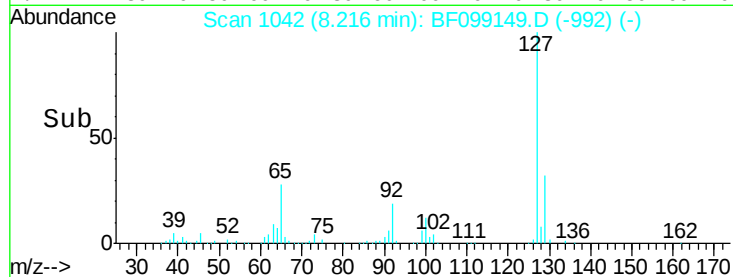
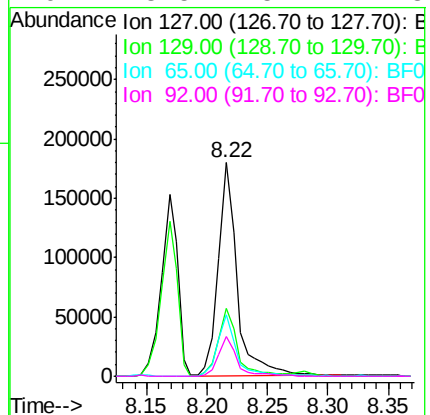
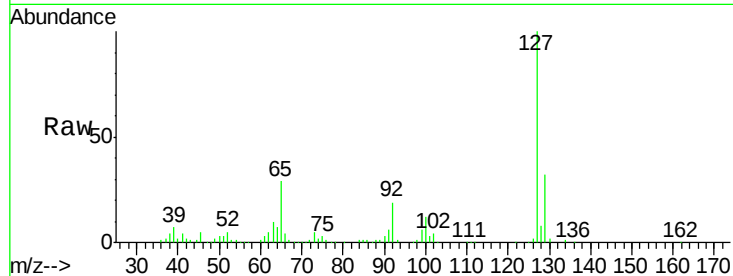
#33
4-Chloroaniline
Concen: 17.80 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	193299		
129	31.8	25.9	38.9	
65	29.0	25.0	37.4	
92	18.5	15.2	22.8	

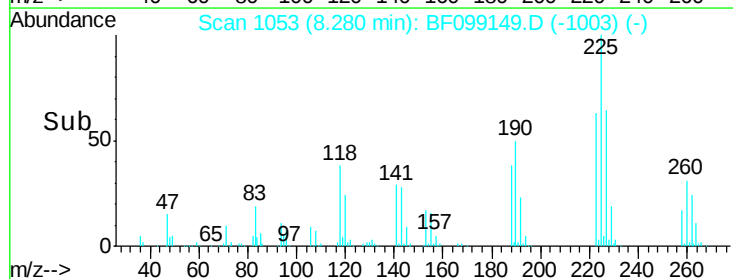
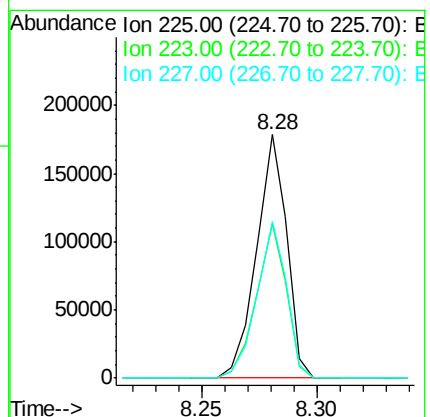
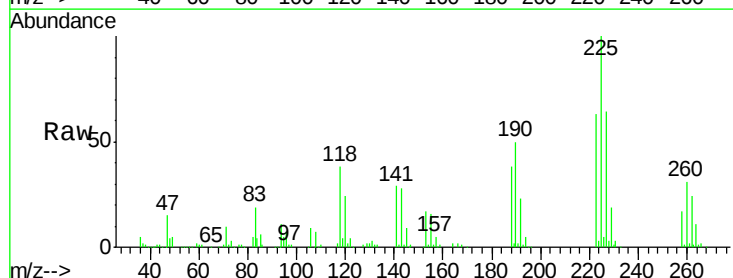
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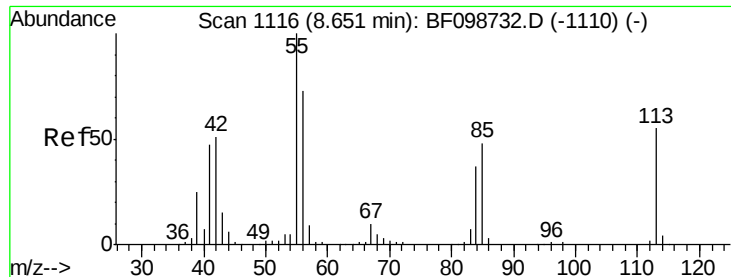
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#34
Hexachlorobutadiene
Concen: 41.37 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162697		
223	63.4	50.6	76.0	
227	64.1	51.9	77.9	





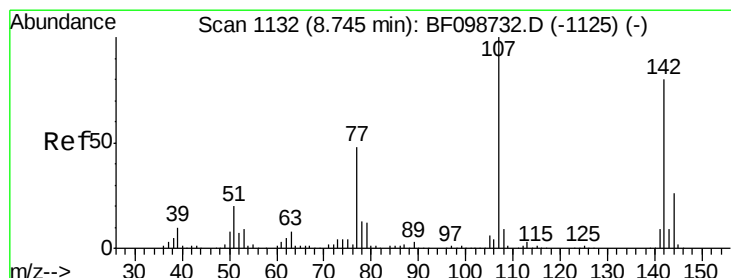
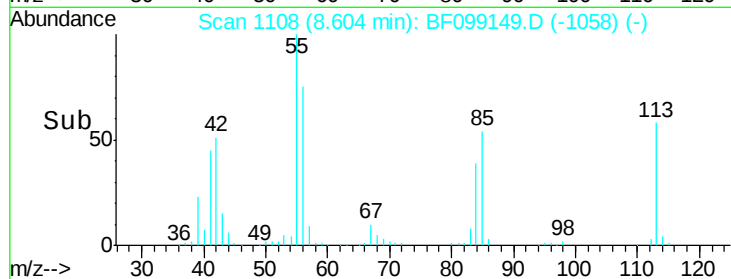
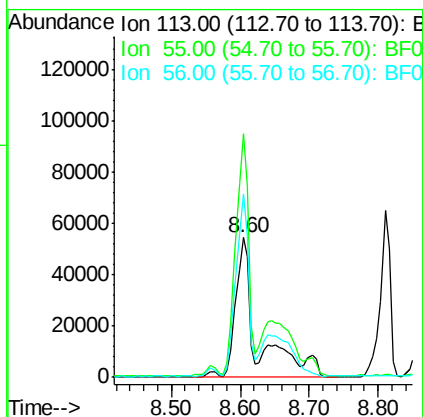
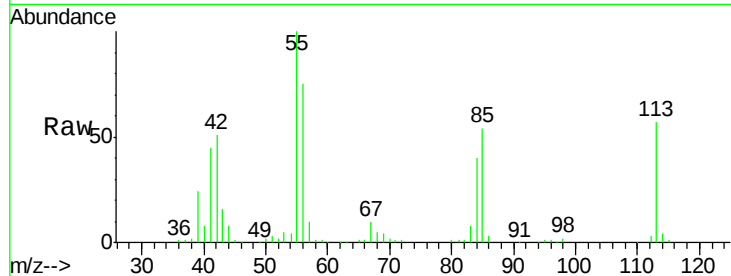
#35
 Caprolactam
 Concen: 49.26 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion:113 Resp: 120629
 Ion Ratio Lower Upper
 113 100
 55 174.7 163.3 203.3
 56 131.5 115.7 155.7

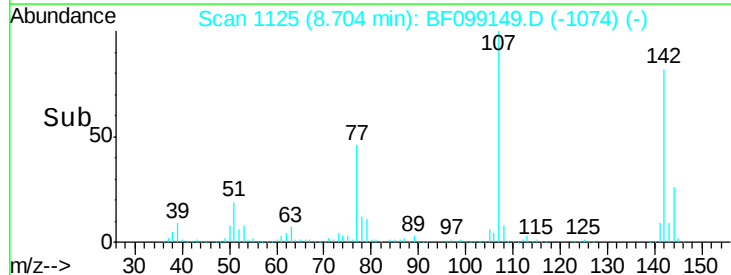
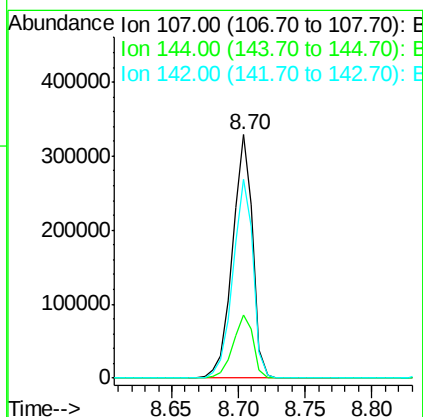
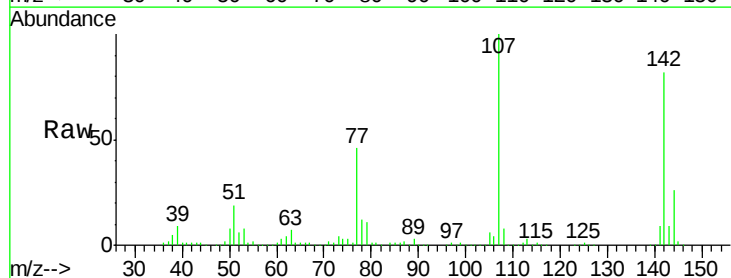
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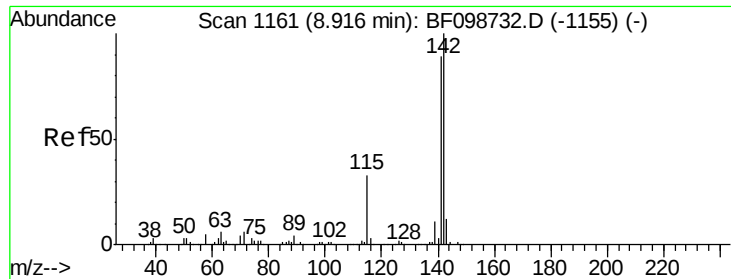
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#36
 4-Chloro-3-methylphenol
 Concen: 40.73 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion:107 Resp: 349541
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 81.8 62.0 93.0





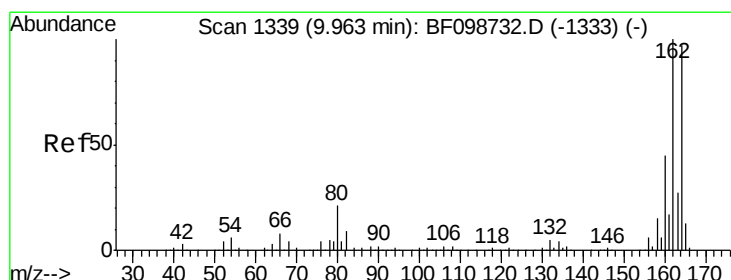
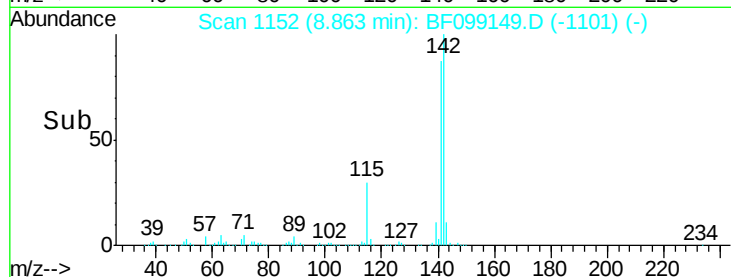
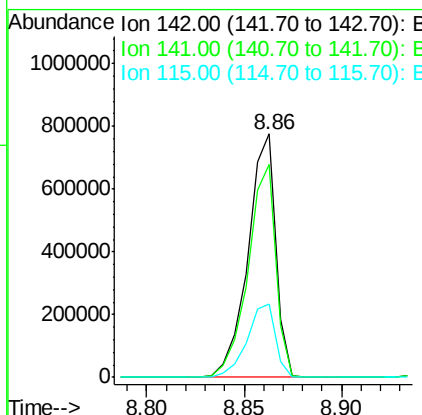
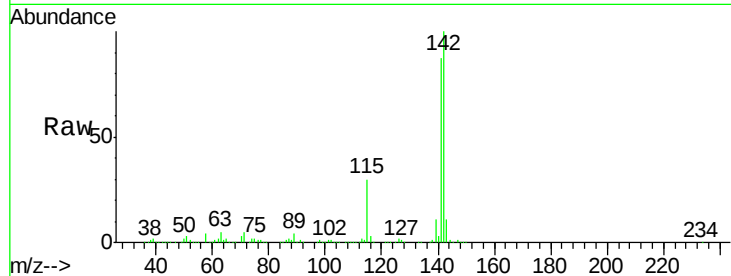
#37
2-Methylnaphthalene
Concen: 45.35 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampled :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	30.0	26.1	39.1

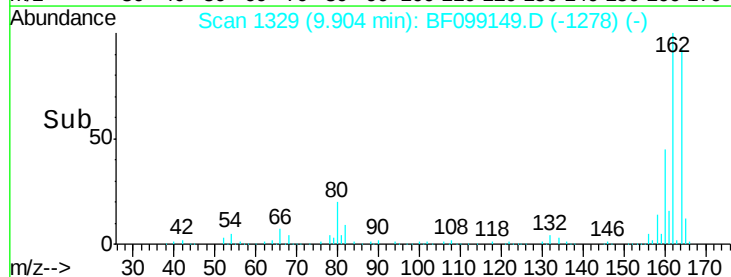
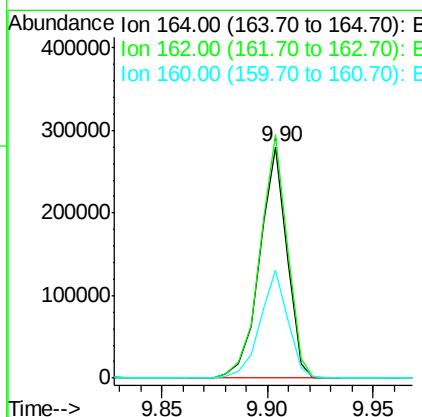
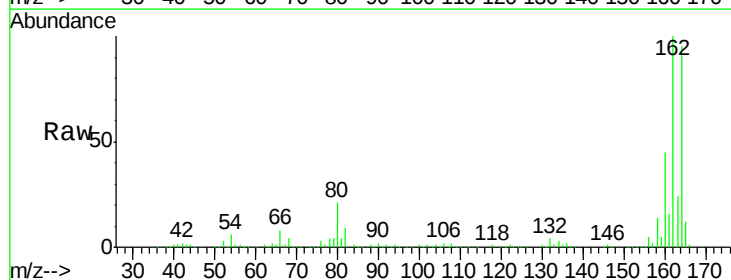
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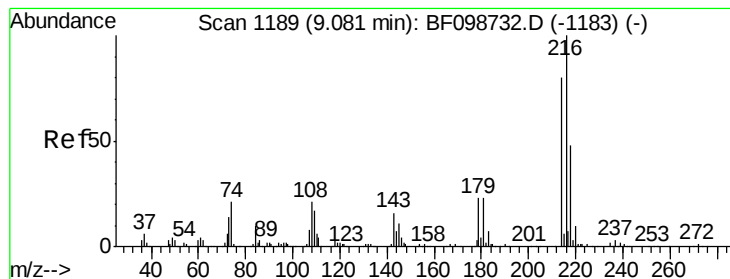
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.17 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

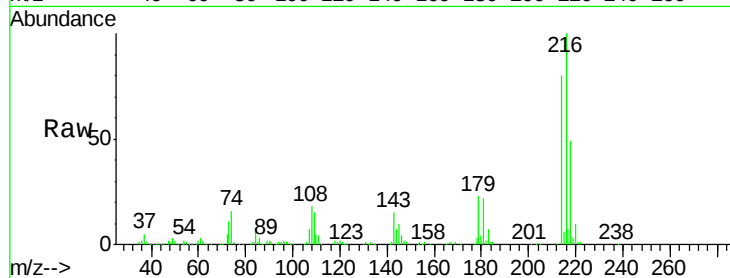
ClientSampleId :

PB102939BS

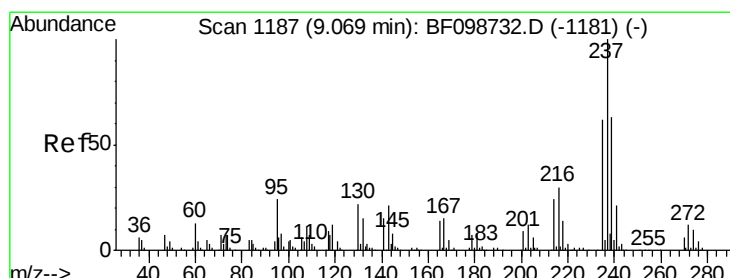
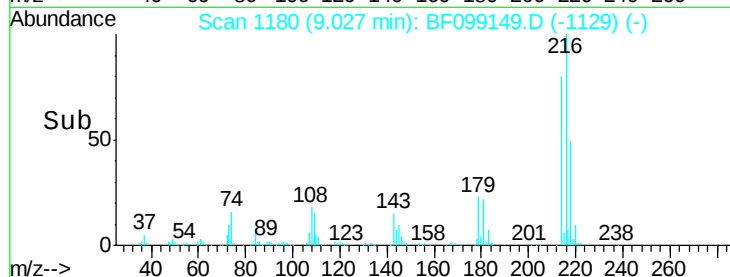
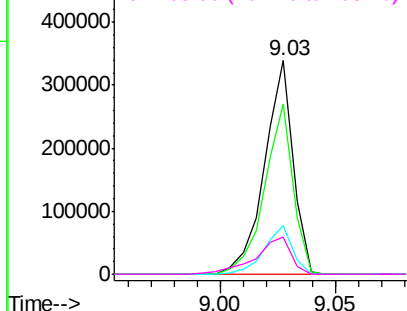
Tgt Ion:	216	Resp:	293463
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	22.6	18.1	27.1
108	21.6	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 71.01 ng

RT: 9.01 min Scan# 1177

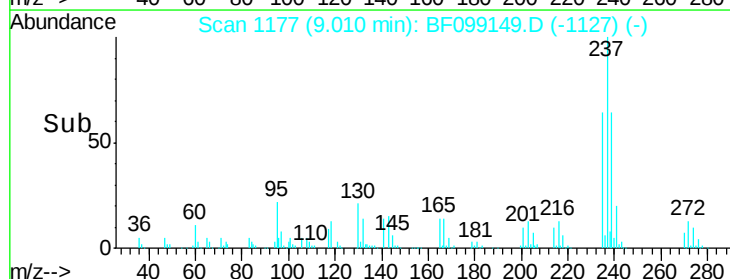
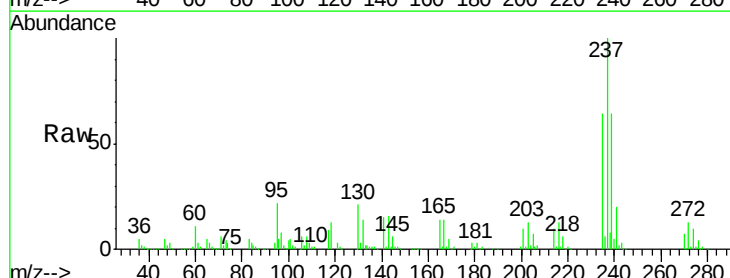
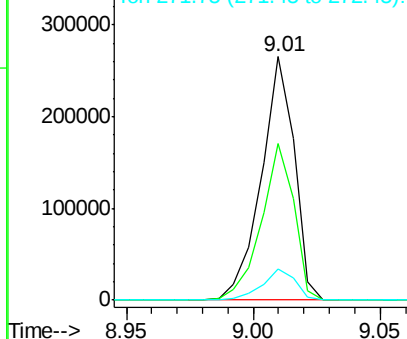
Delta R.T. -0.01 min

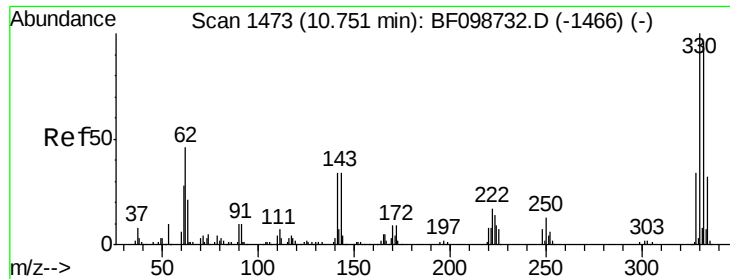
Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	237	Resp:	243115
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.8	84.8
272	12.9	0.0	33.3

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





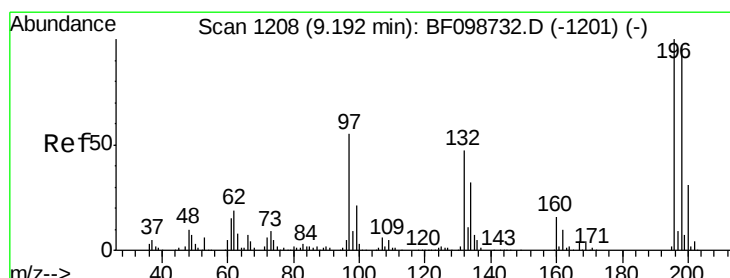
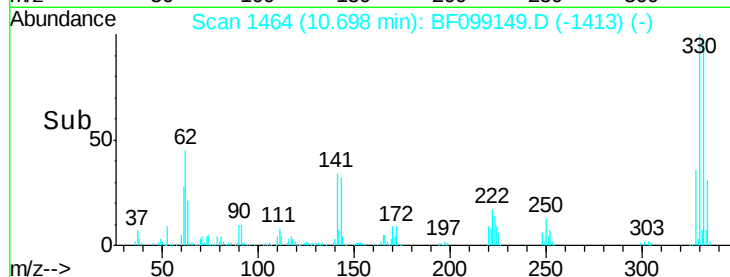
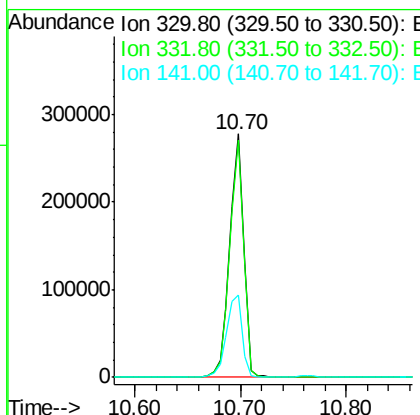
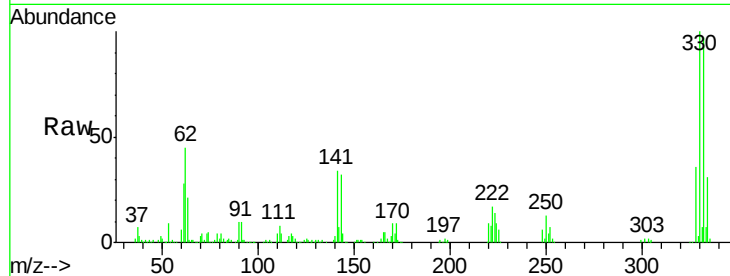
#41
 2,4,6-Tribromophenol
 Concen: 124.65 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	256220		
332	97.2	77.0	115.6	
141	38.0	29.9	44.9	

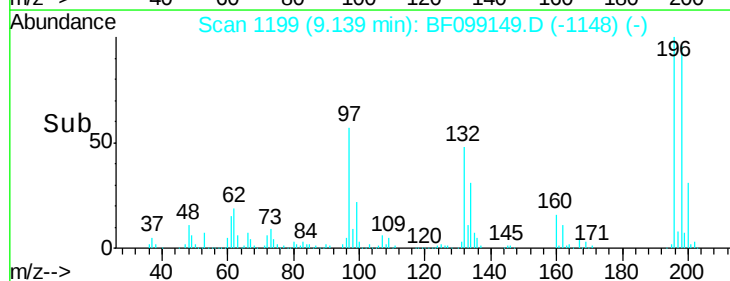
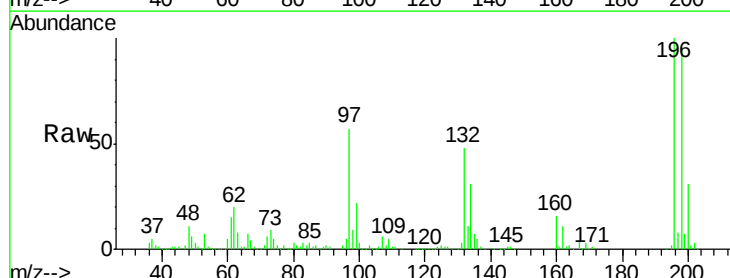
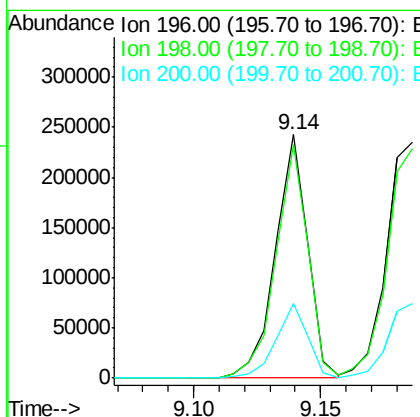
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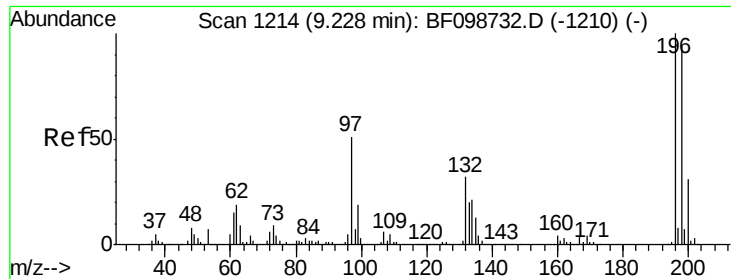
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#42
 2,4,6-Trichlorophenol
 Concen: 40.89 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217007		
198	96.0	75.7	113.5	
200	30.9	24.5	36.7	





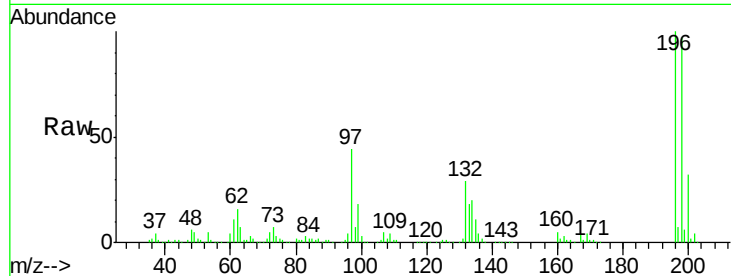
#43
 2,4,5-Trichlorophenol
 Concen: 42.91 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

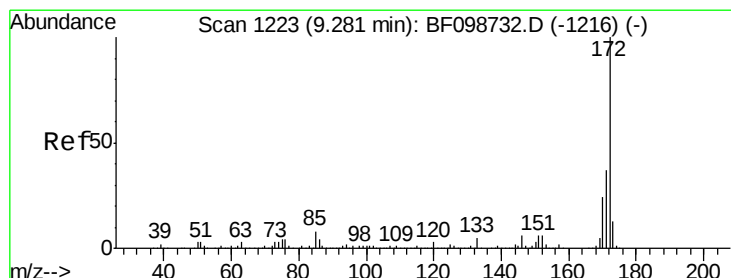
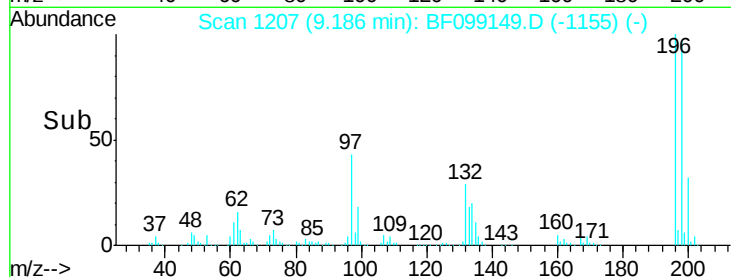
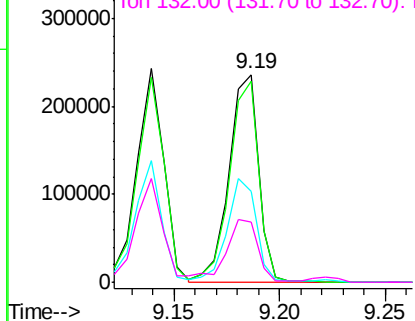
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227342		
198	96.9	74.6	112.0	
97	43.7	42.9	64.3	
132	29.3	26.3	39.5	

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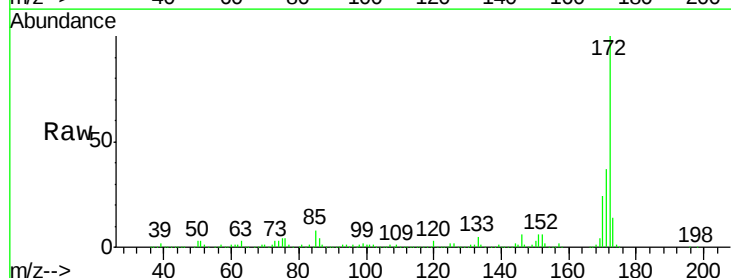


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

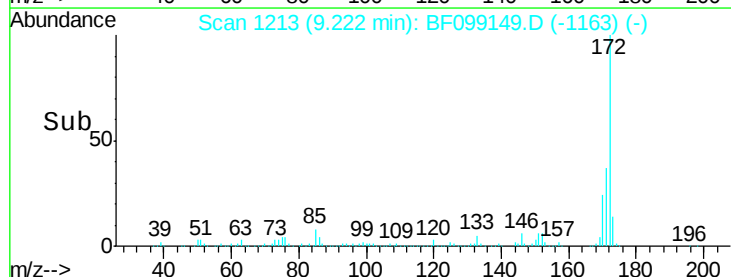
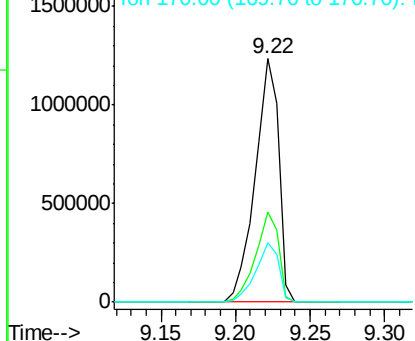


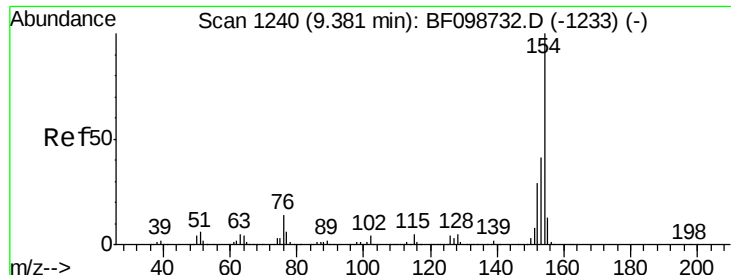
#44
 2-Fluorobiphenyl
 Concen: 88.52 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1331931		
171	37.0	29.7	44.5	
170	24.2	19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





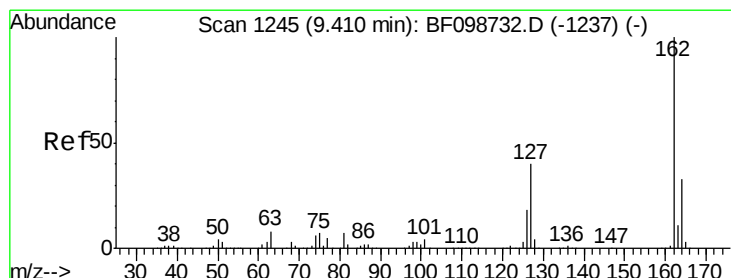
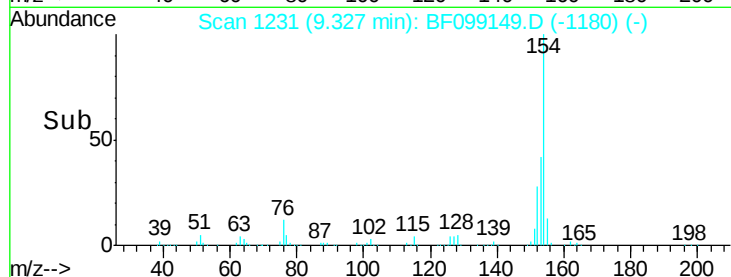
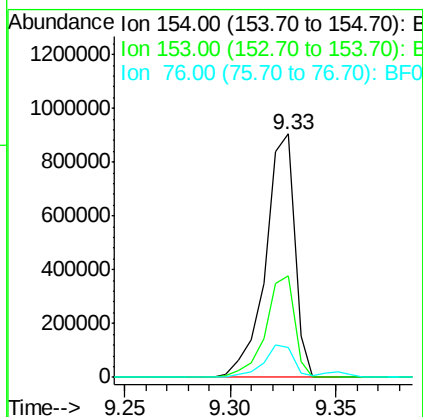
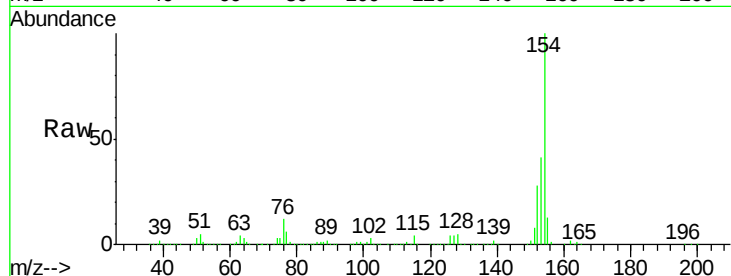
#45
1,1'-Biphenyl
Concen: 40.23 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	21.3	61.3	
76	12.2	0.0	34.0	

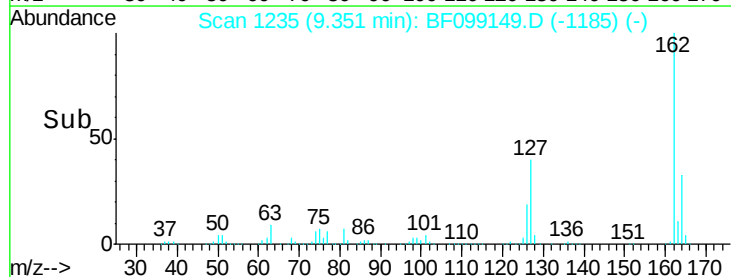
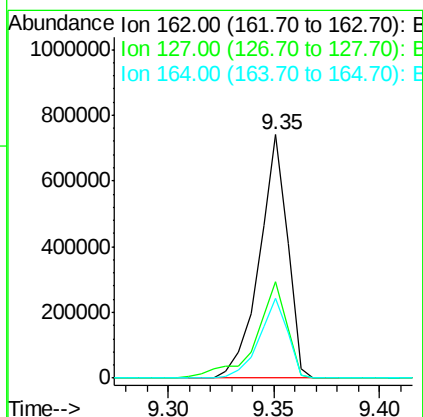
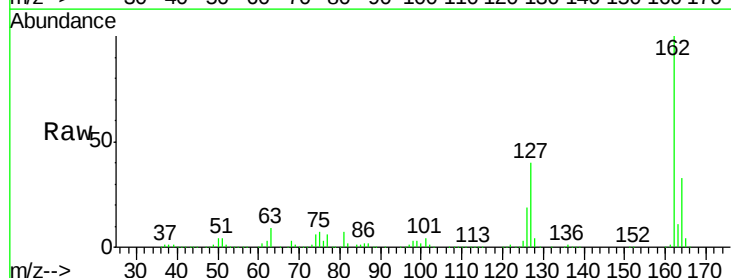
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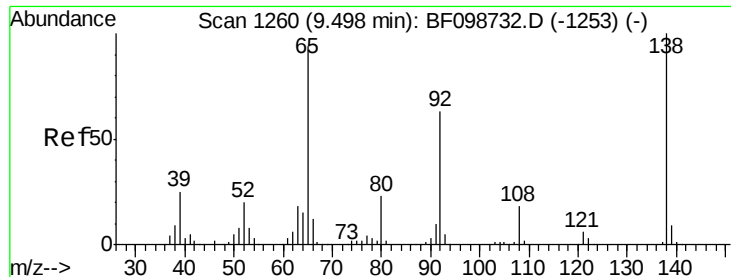
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#46
2-Chloronaphthalene
Concen: 42.32 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	33.9	50.9	
164	32.8	26.5	39.7	





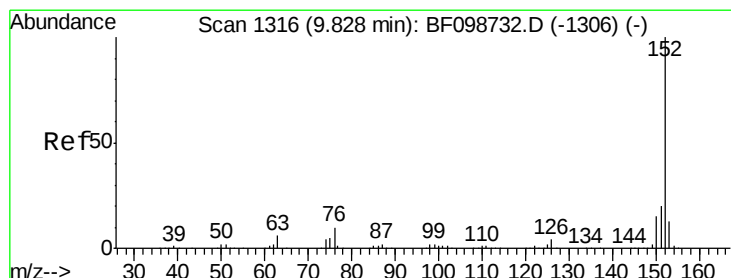
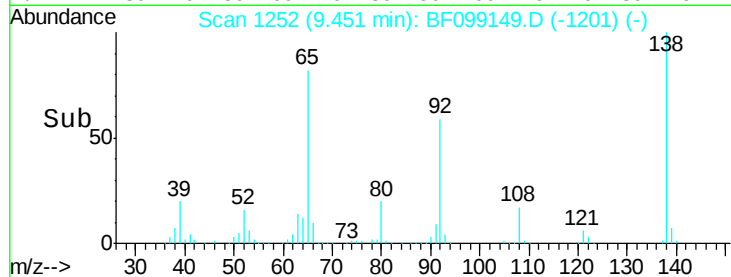
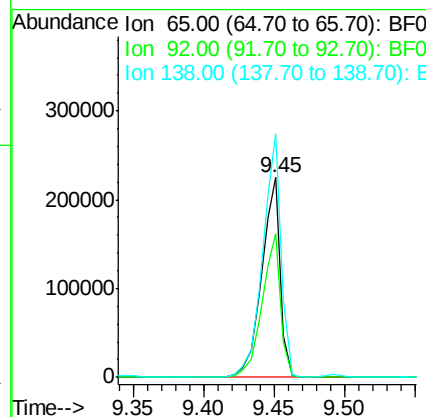
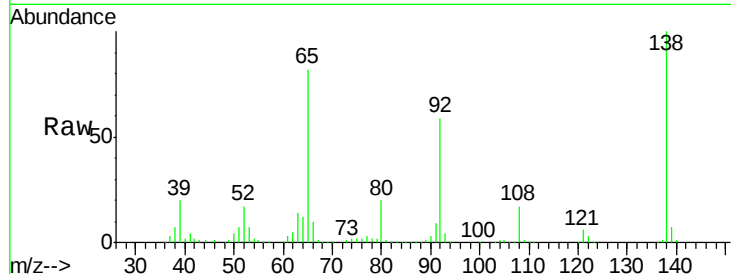
#47
 2-Nitroaniline
 Concen: 42.04 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion:	65	Resp:	208676
Ion Ratio	Lower	Upper	
65	100		
92	72.3	55.8	83.6
138	122.0	91.2	136.8

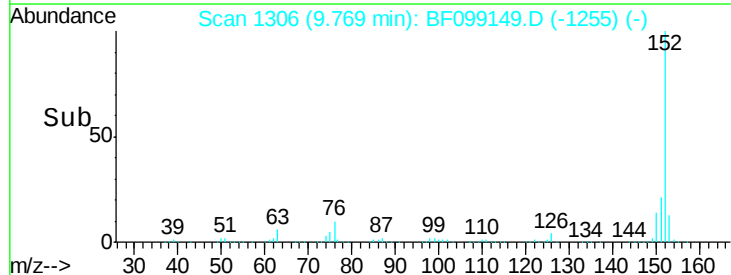
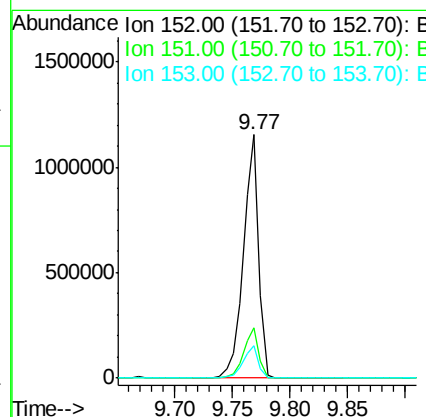
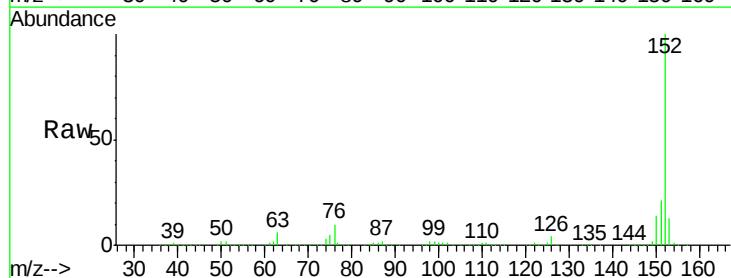
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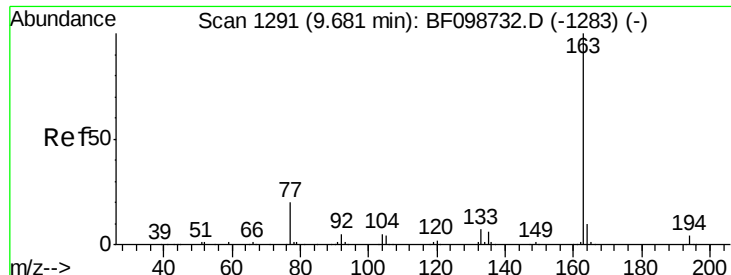
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#48
 Acenaphthylene
 Concen: 42.22 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion:	152	Resp:	1047740
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





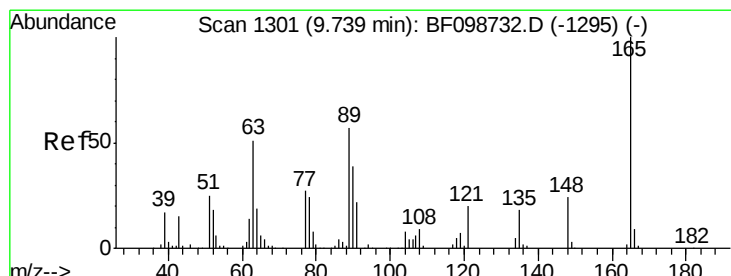
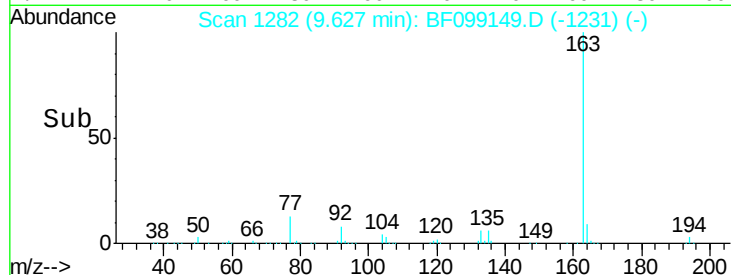
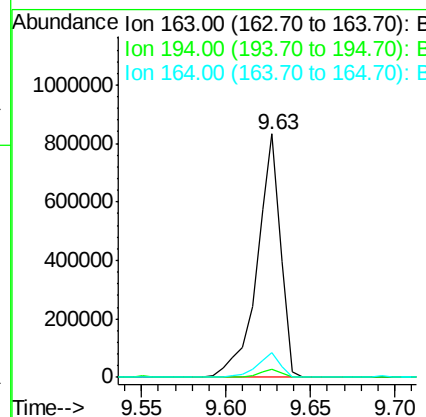
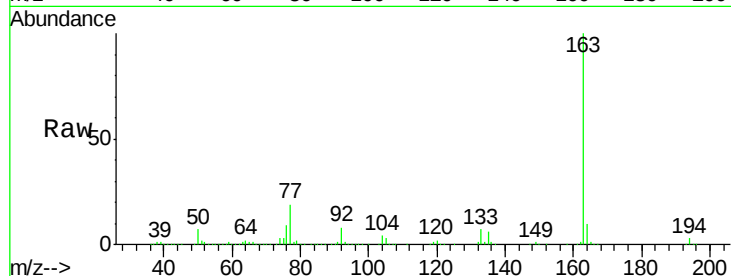
#49
Dimethylphthalate
Concen: 42.30 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	801899		
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

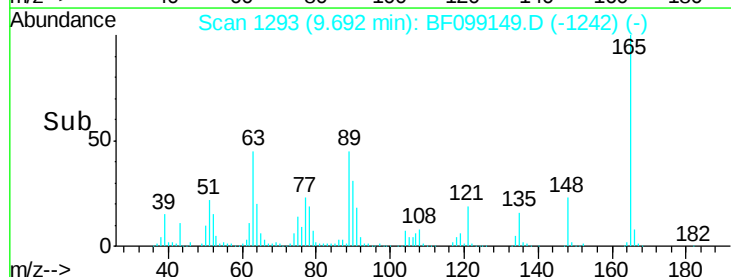
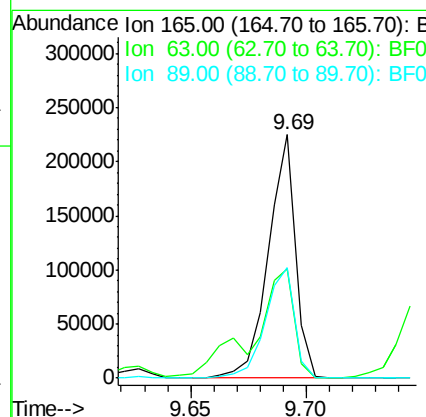
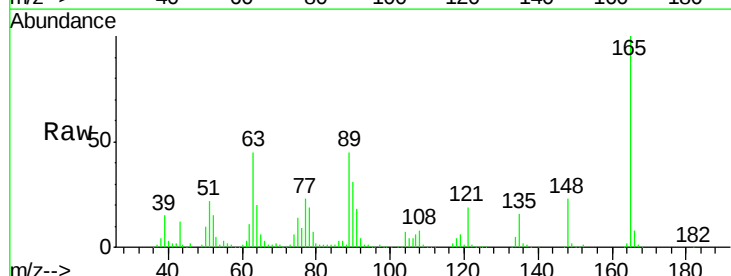
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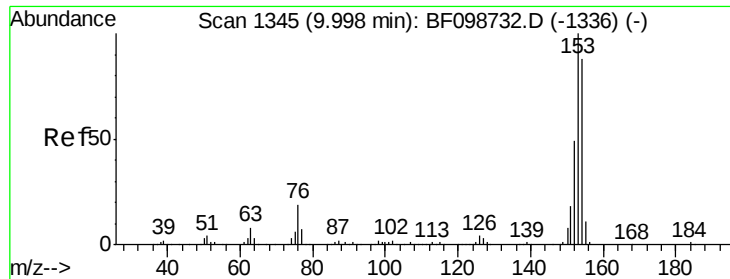
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#50
2,6-Dinitrotoluene
Concen: 44.54 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183834		
63	45.0	44.7	67.1	
89	45.4	44.0	66.0	





#51

Acenaphthene

Concen: 39.00 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

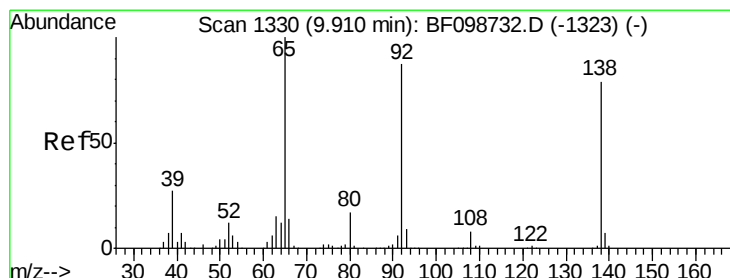
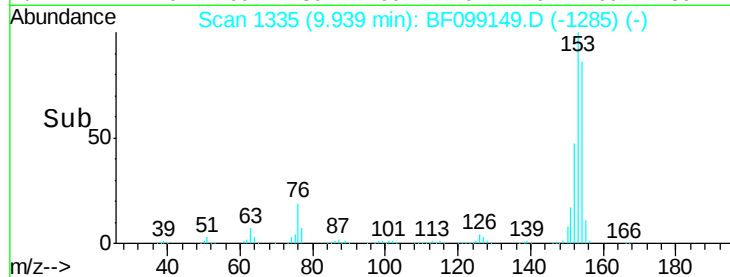
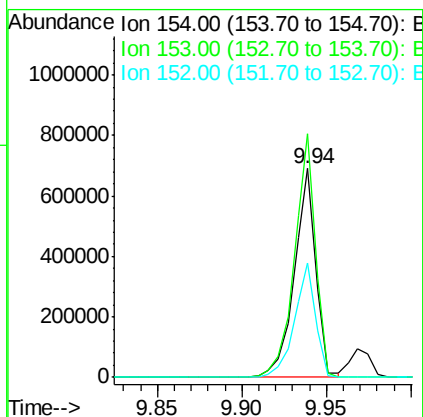
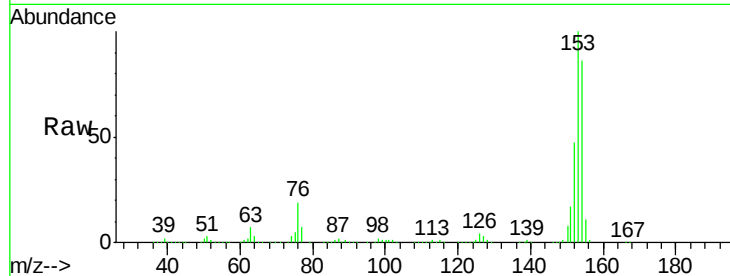
ClientSampleId :

PB102939BS

Tgt Ion:	154	Resp:	612980
Ion Ratio	Lower	Upper	
154	100		
153	116.6	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.40 ng

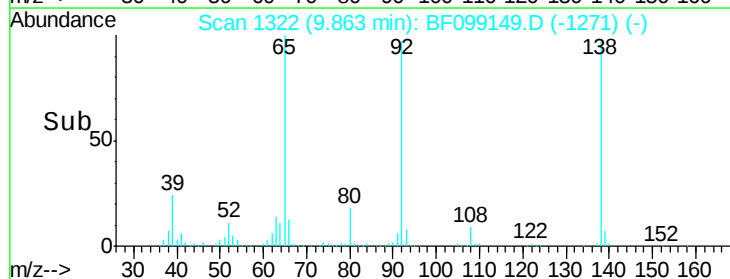
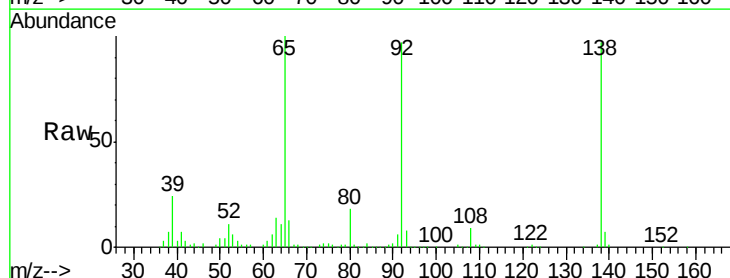
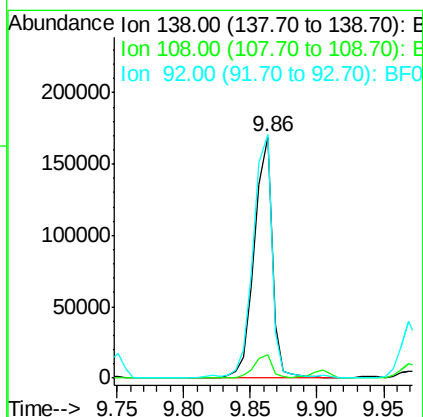
RT: 9.86 min Scan# 1322

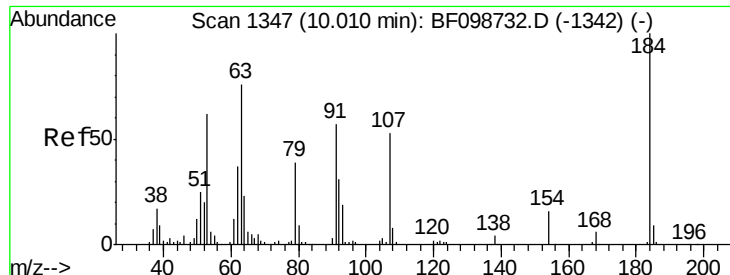
Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	138	Resp:	155925
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	100.9	89.4	134.2





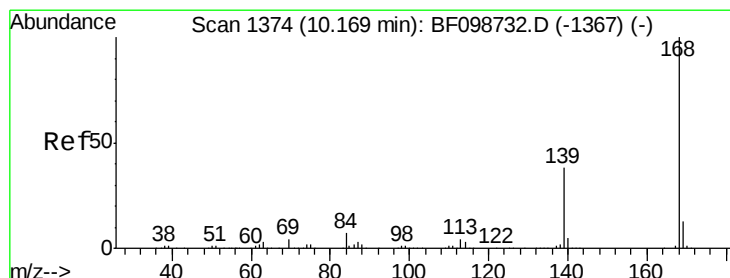
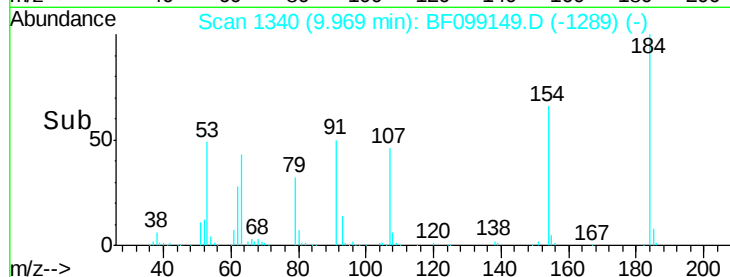
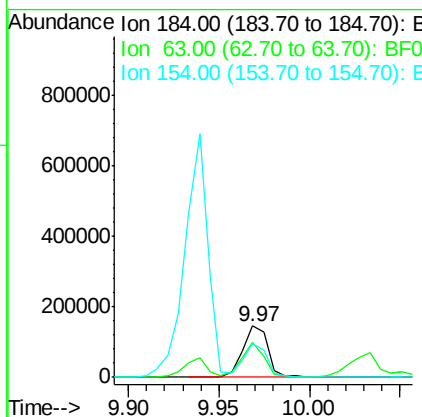
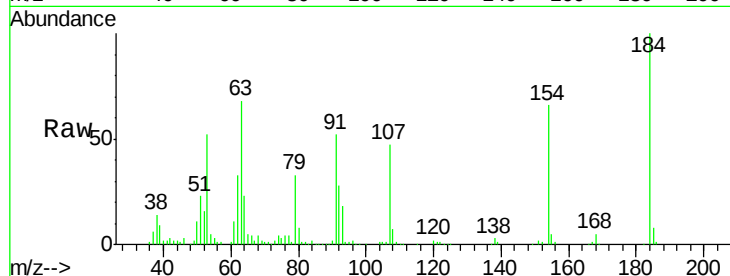
#53
2,4-Dinitrophenol
Concen: 67.12 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampled :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142056		
63	68.4	54.2	81.2	
154	65.9	53.5	80.3	

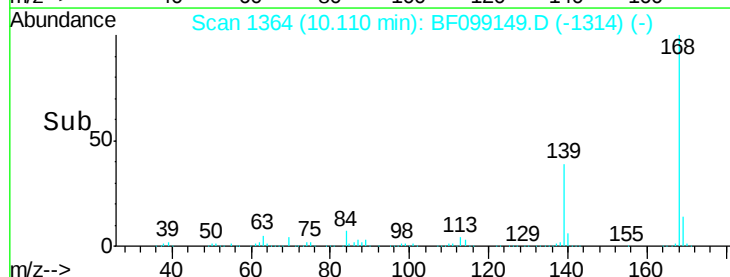
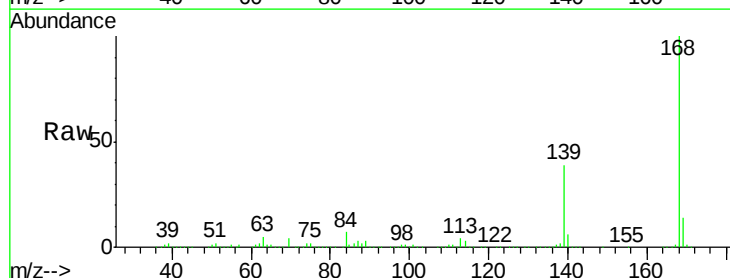
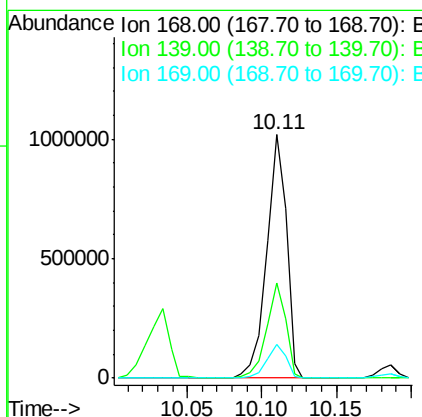
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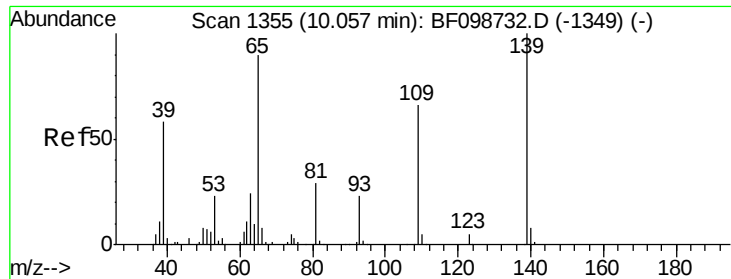
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#54
Dibenzofuran
Concen: 44.29 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	926889		
139	39.0	30.1	45.1	
169	13.7	10.9	16.3	





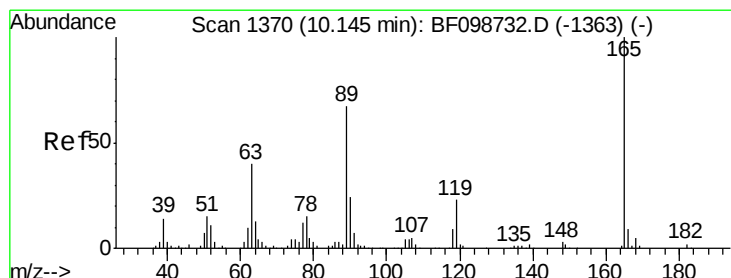
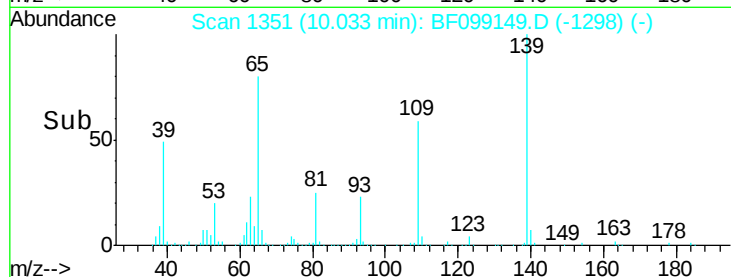
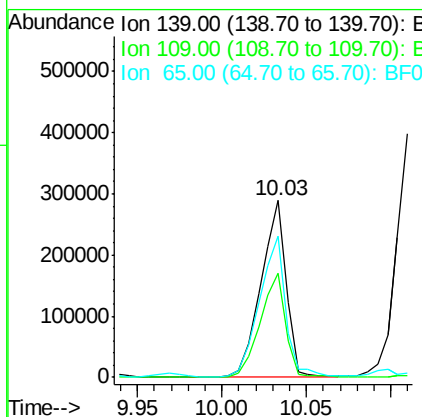
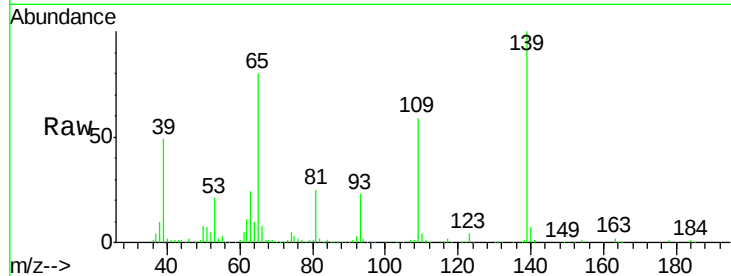
#55
4-Nitrophenol
Concen: 74.03 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	301261		
109	59.1	48.4	88.4	
65	79.9	72.6	112.6	

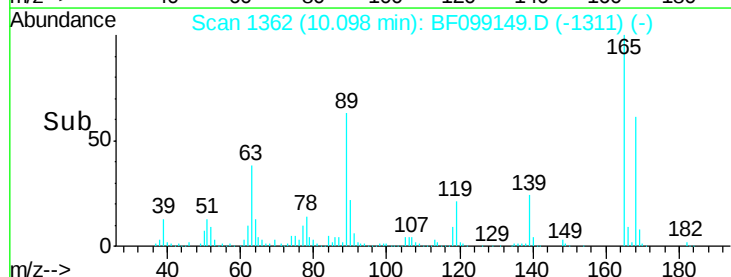
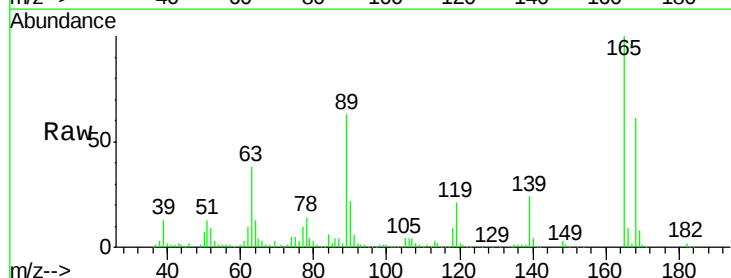
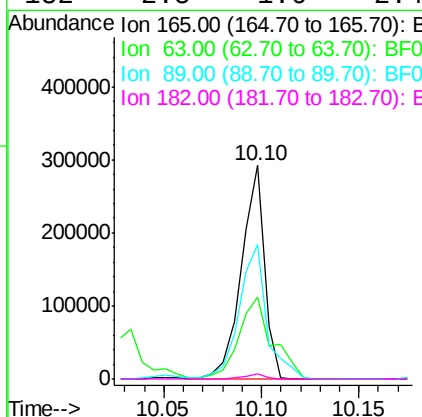
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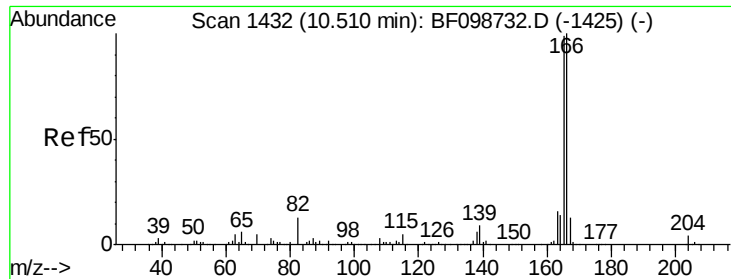
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#56
2,4-Dinitrotoluene
Concen: 44.91 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240562		
63	38.3	36.4	54.6	
89	63.1	57.8	86.6	
182	2.5	1.6	2.4	#





#57

Fluorene

Concen: 42.30 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

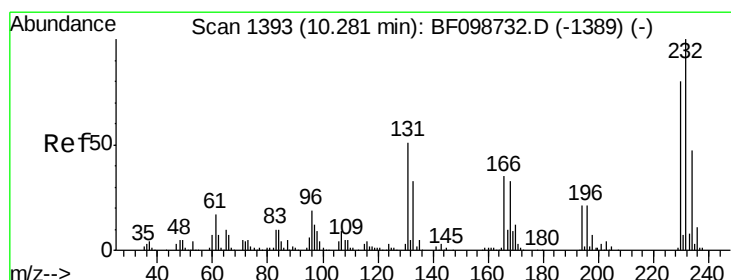
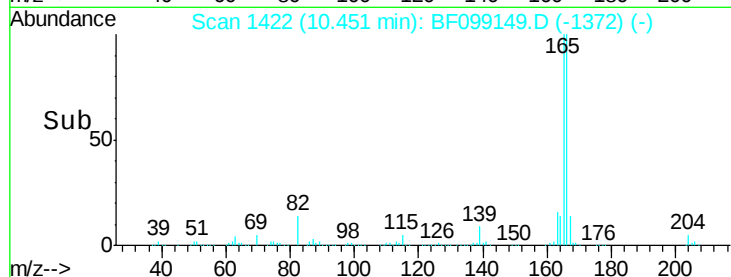
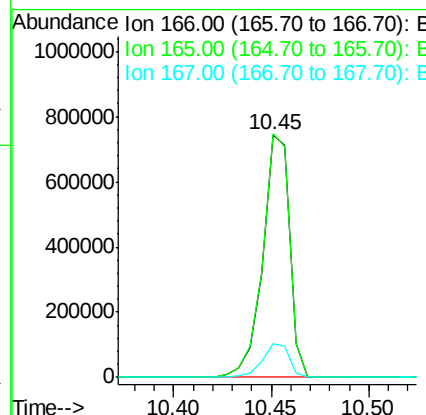
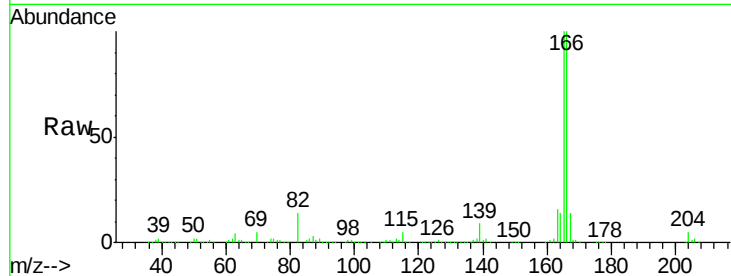
ClientSampleId :

PB102939BS

Tgt Ion:	166	Resp:	711616
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.90 ng

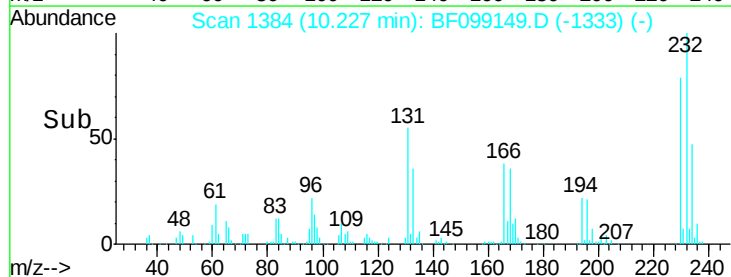
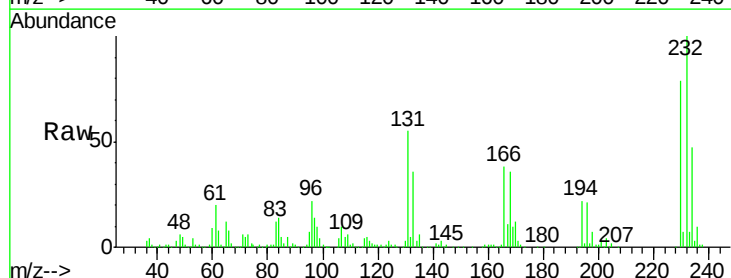
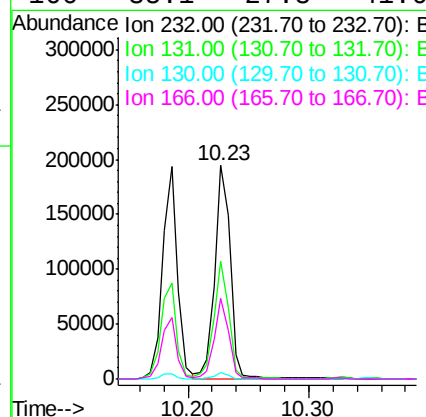
RT: 10.23 min Scan# 1384

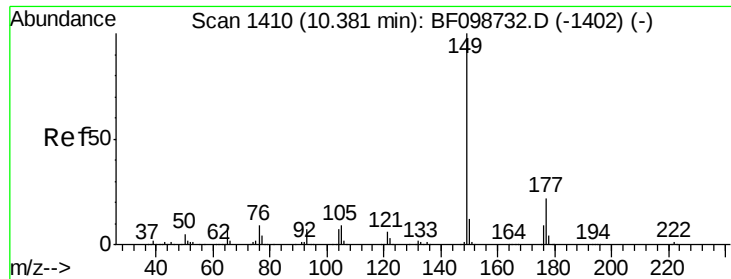
Delta R.T. -0.00 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	232	Resp:	171661
Ion Ratio	Lower	Upper	
232	100		
131	52.5	43.8	65.8
130	2.6	2.1	3.1
166	35.1	27.8	41.6





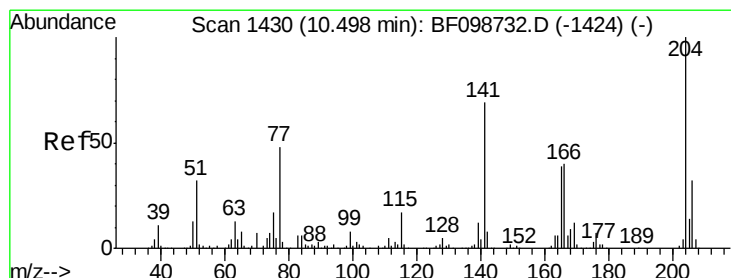
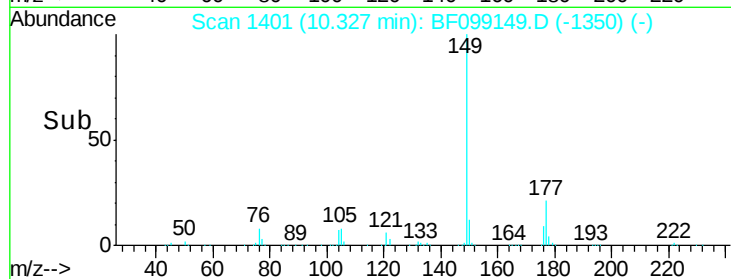
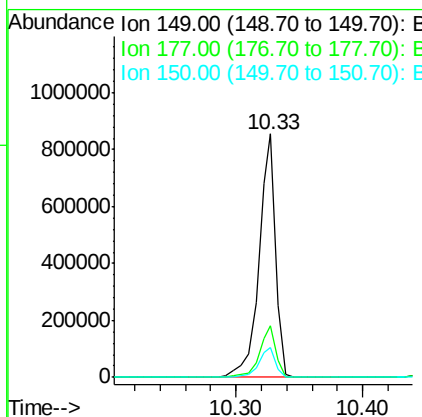
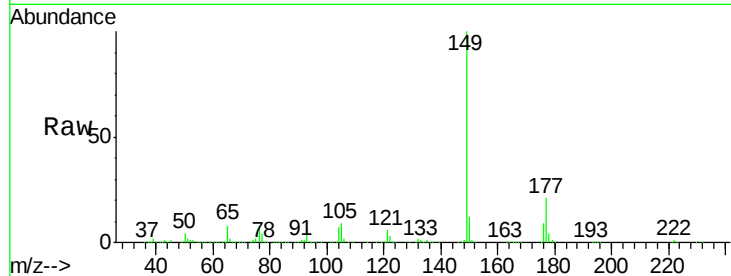
#59
Diethylphthalate
Concen: 42.36 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	784827		
177	21.2	16.1	24.1	
150	12.4	10.1	15.1	

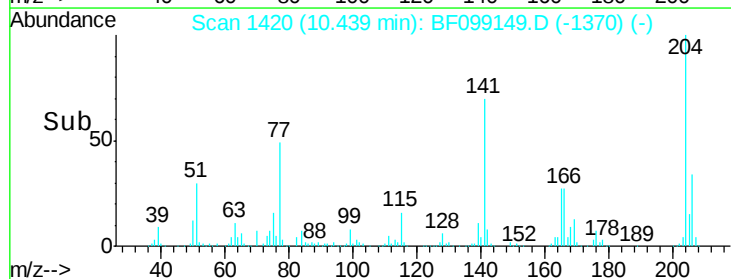
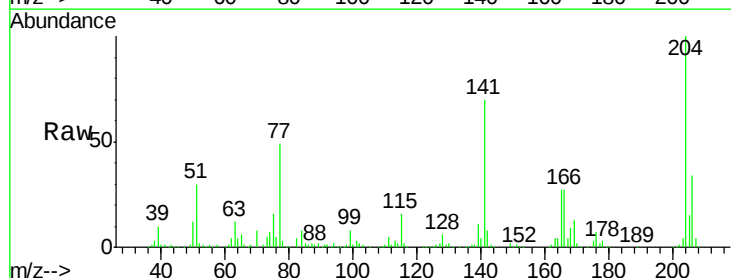
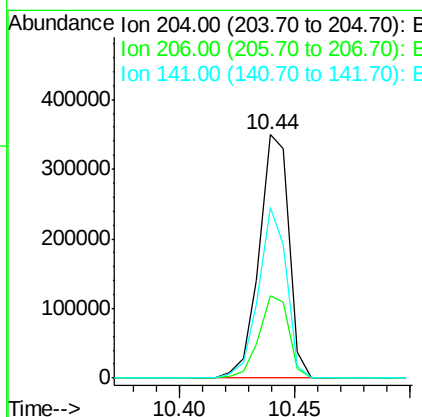
Manual Integrations
APPROVED

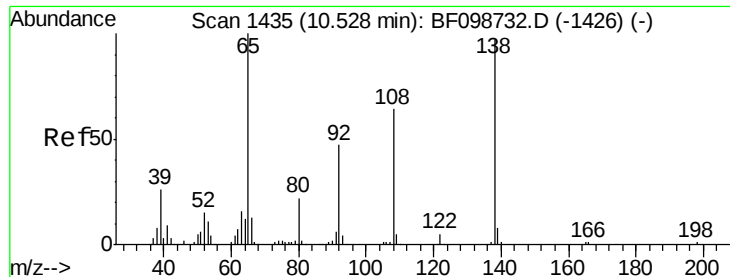
Sohil
10/9/2017 6:32:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.84 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	316126		
206	34.0	26.5	39.7	
141	70.0	54.6	81.8	





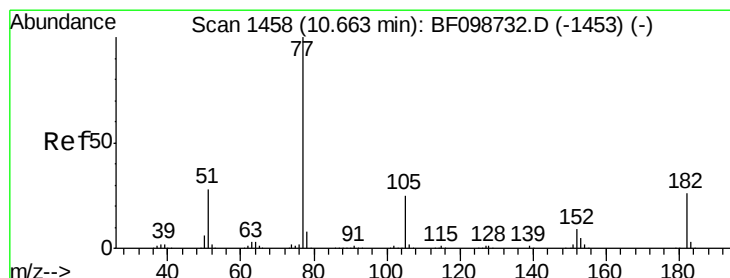
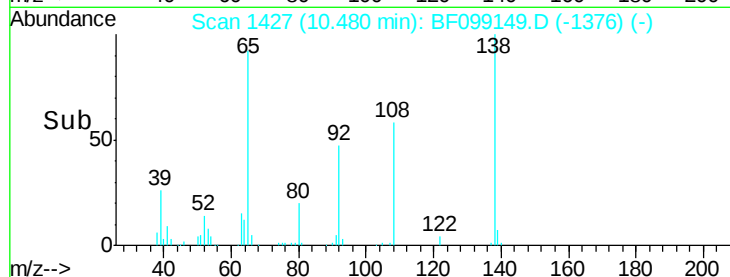
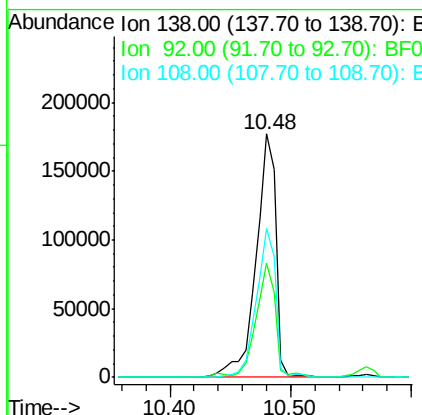
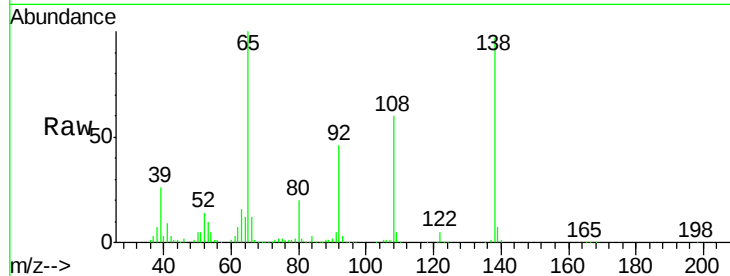
#61
4-Nitroaniline
Concen: 44.19 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205163		
92	46.7	30.2	70.2	
108	61.4	52.5	92.5	

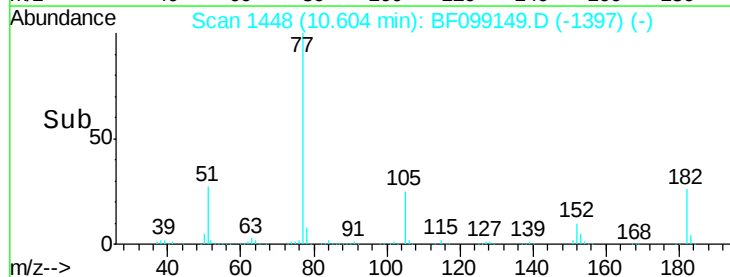
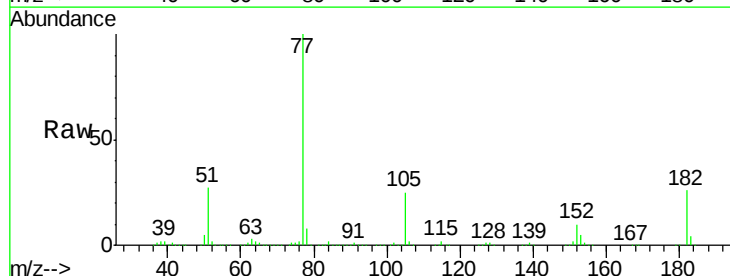
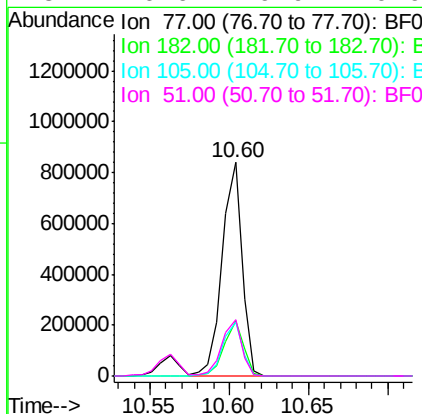
Manual Integrations
APPROVED

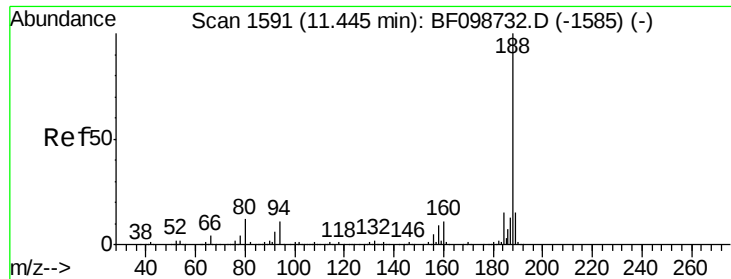
Sohil
10/9/2017 6:32:42 PM



#62
Azobenzene
Concen: 42.94 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	731487		
182	25.9	1.7	41.7	
105	25.2	3.0	43.0	
51	26.6	9.9	49.9	





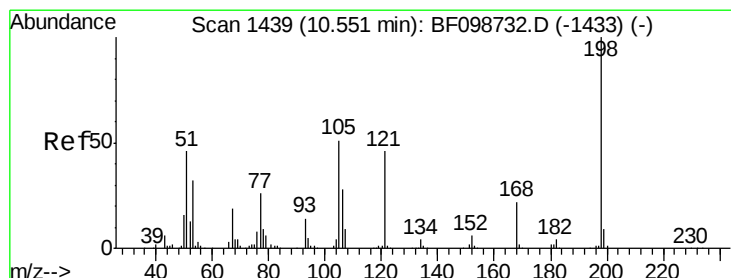
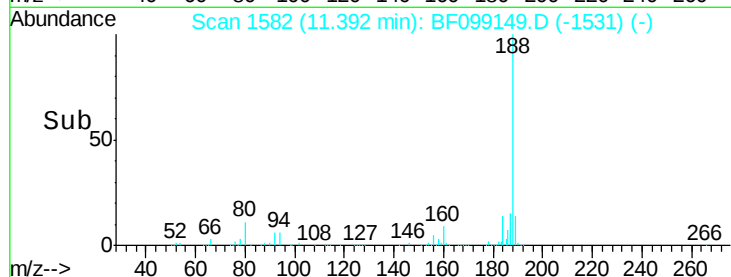
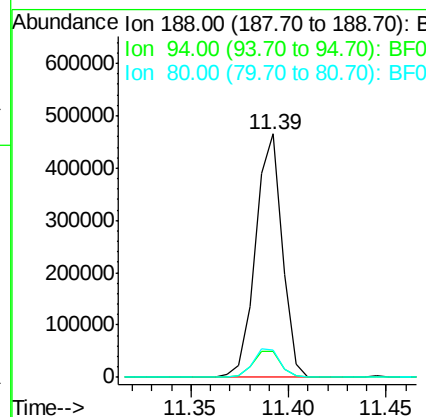
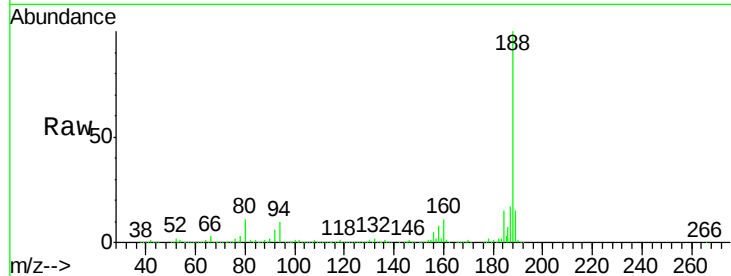
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	438961		
94	10.5		8.5	12.7
80	11.2		9.2	13.8

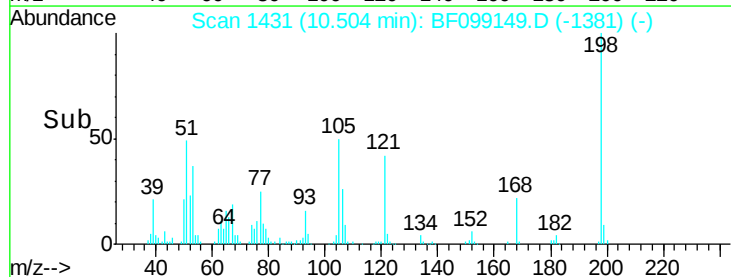
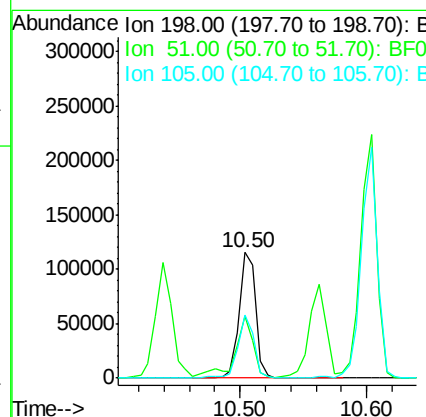
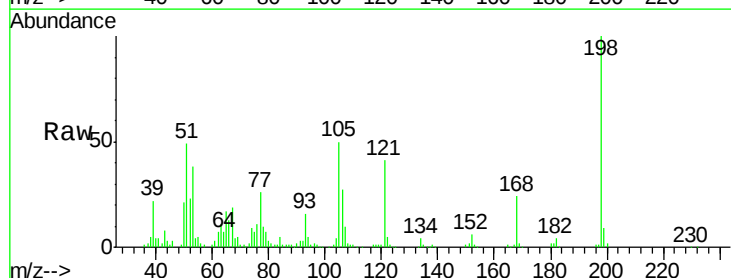
Manual Integrations
APPROVED

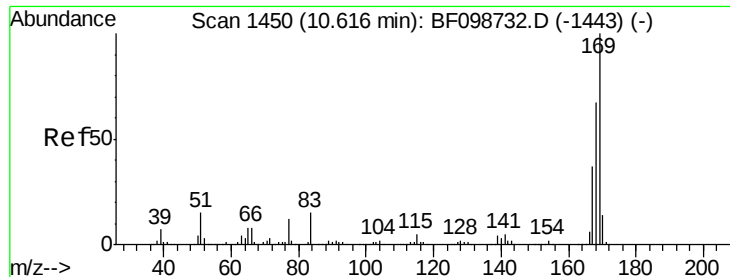
Sohil
10/9/2017 6:32:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.64 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103194		
51	49.4		37.7	77.7
105	50.2		36.3	76.3





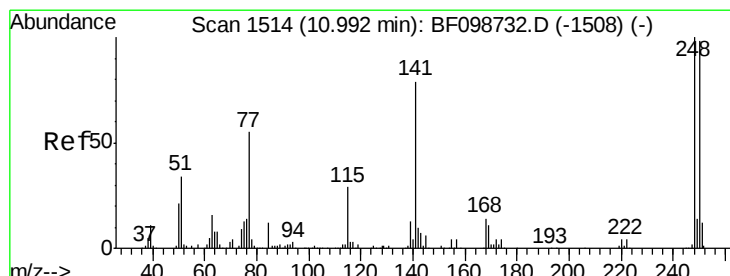
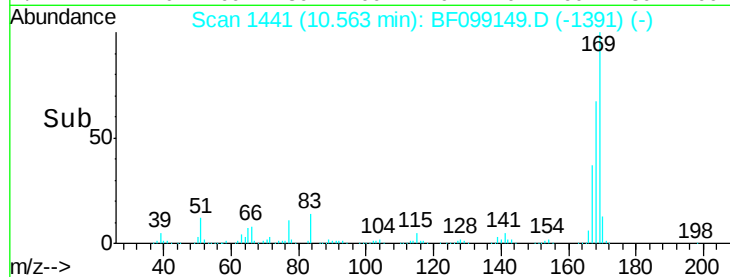
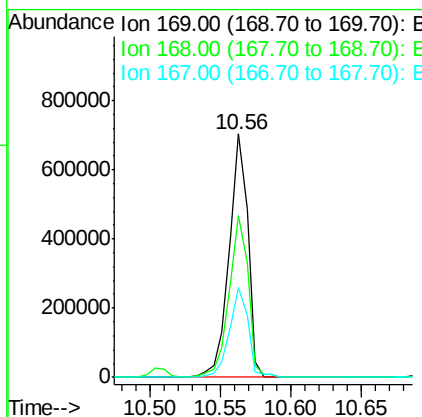
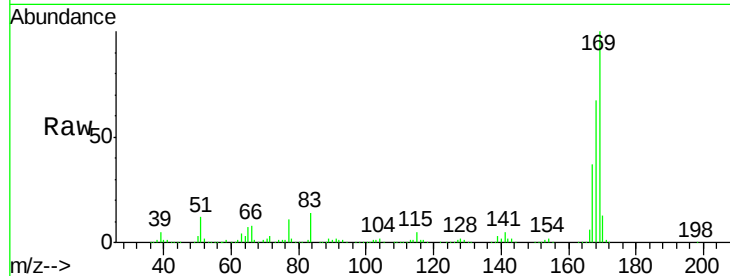
#65
 n-Nitrosodiphenylamine
 Concen: 42.74 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	649934		
168	66.6	54.4	81.6	
167	36.8	29.8	44.6	

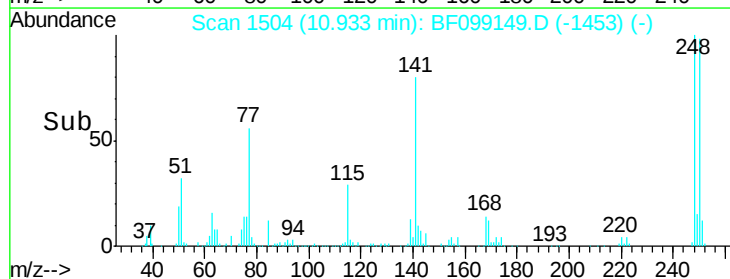
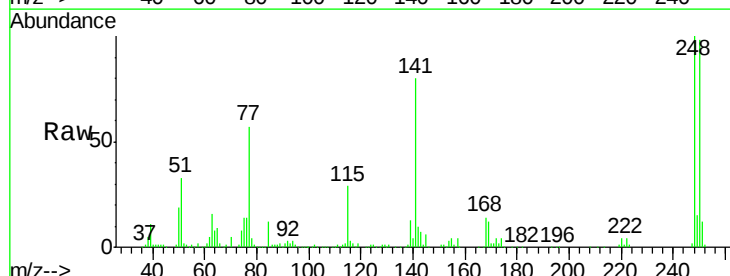
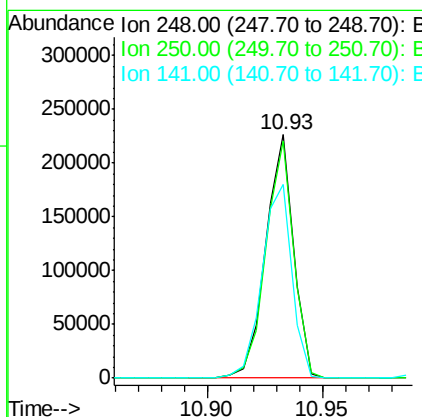
Manual Integrations
 APPROVED

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 10/9/2017 6:32:42 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.28 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190240		
250	97.5	76.9	115.3	
141	79.7	74.4	111.6	





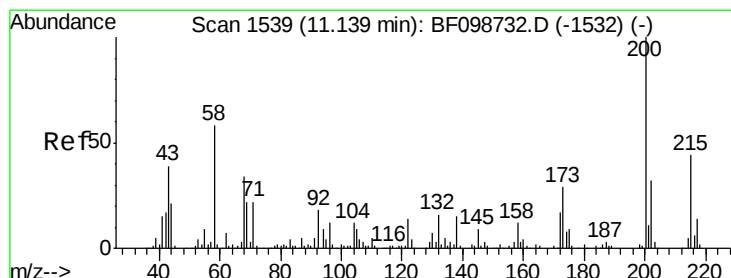
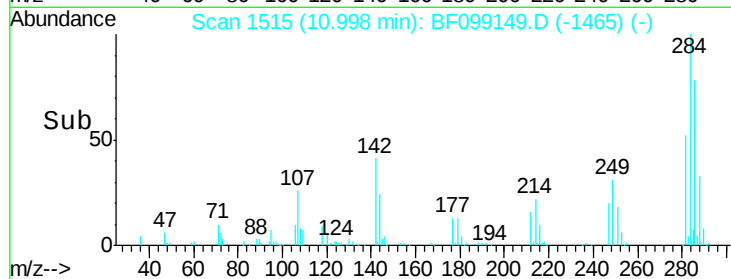
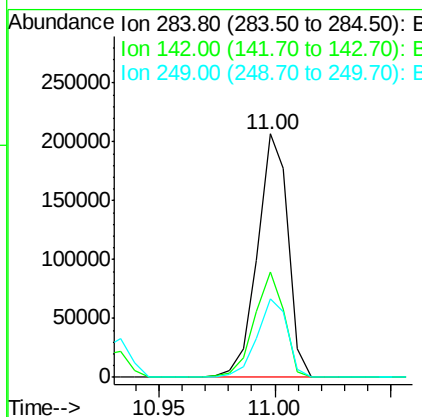
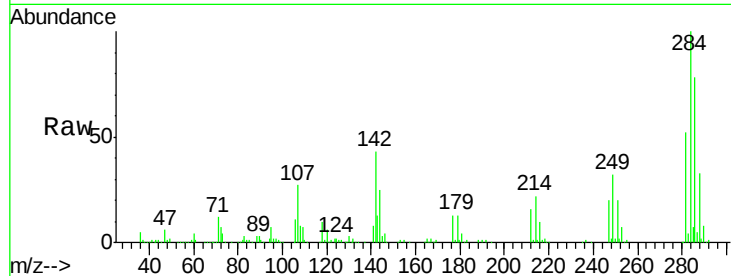
#67
Hexachlorobenzene
Concen: 41.61 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampled :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	190947		
142	43.3	34.6	52.0	
249	32.2	24.8	37.2	

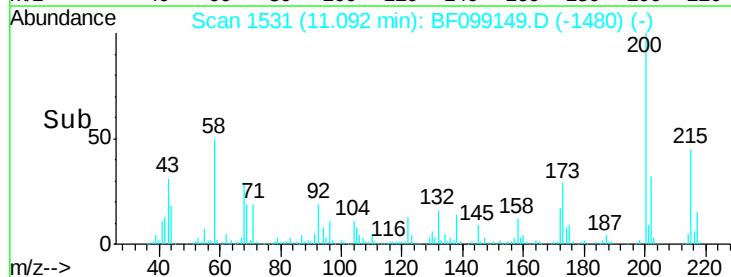
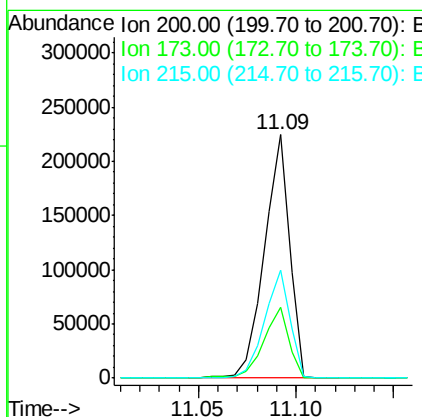
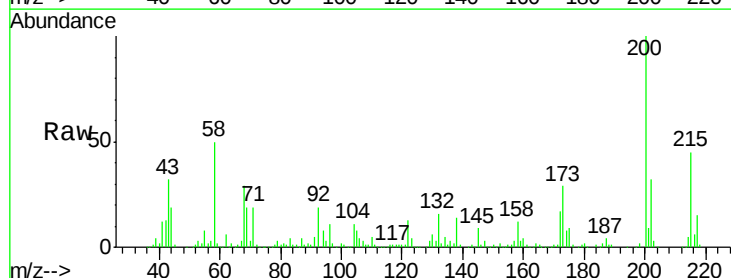
Manual Integrations
APPROVED

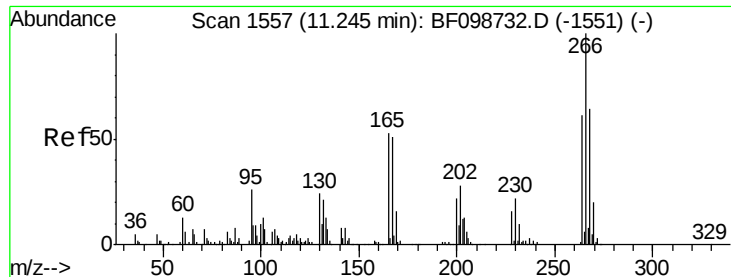
Sohil
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#68
Atrazine
Concen: 44.00 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	201324		
173	29.0	8.6	48.6	
215	44.5	25.1	65.1	





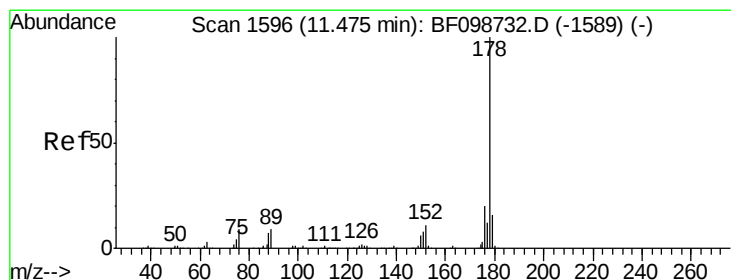
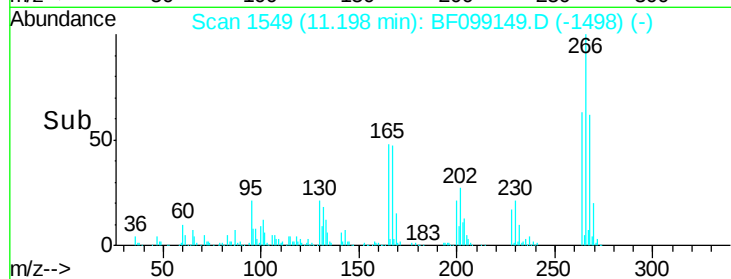
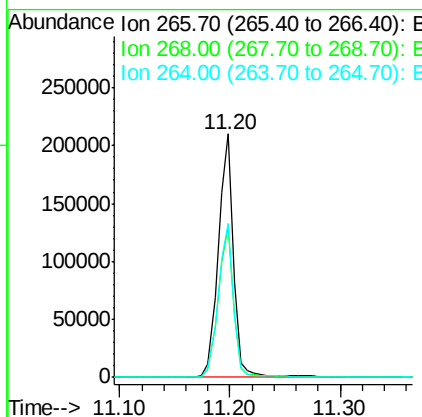
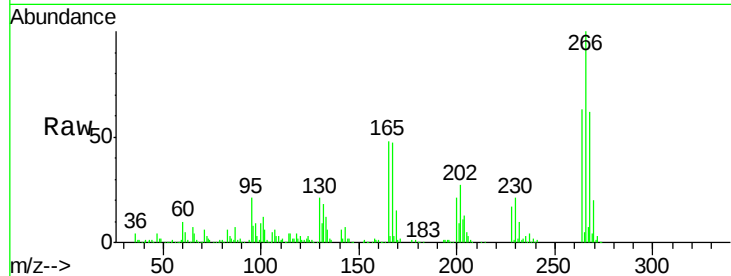
#69
 Pentachlorophenol
 Concen: 70.59 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	63.1	49.5	74.3

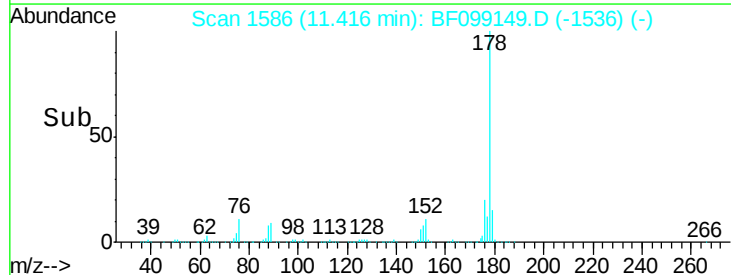
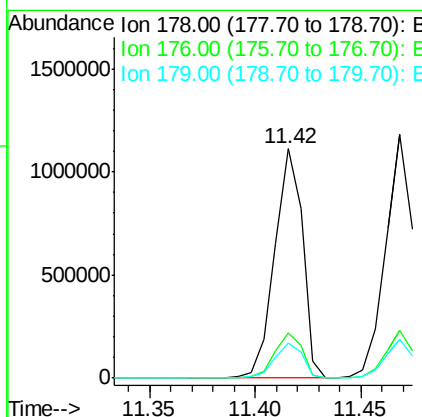
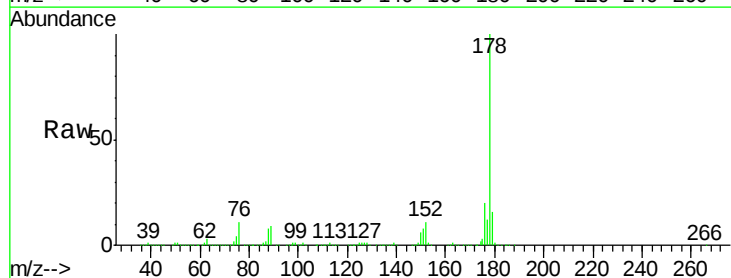
Manual Integrations
 APPROVED

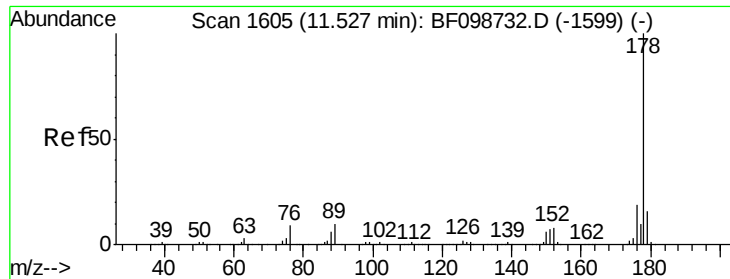
Sohil
 10/9/2017 6:32:42 PM



#70
 Phenanthrene
 Concen: 43.68 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6





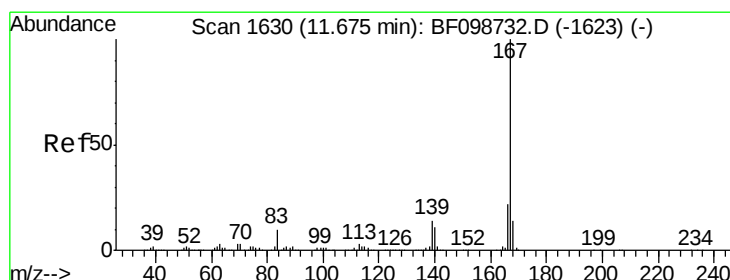
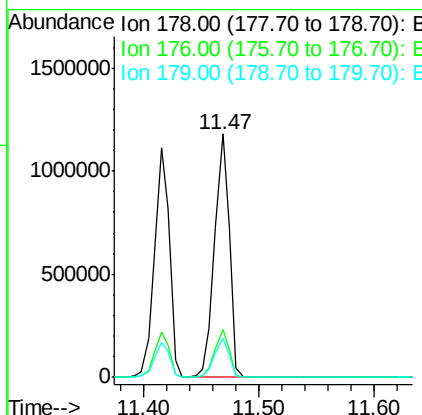
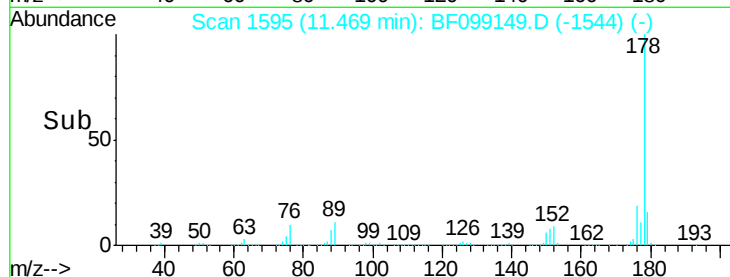
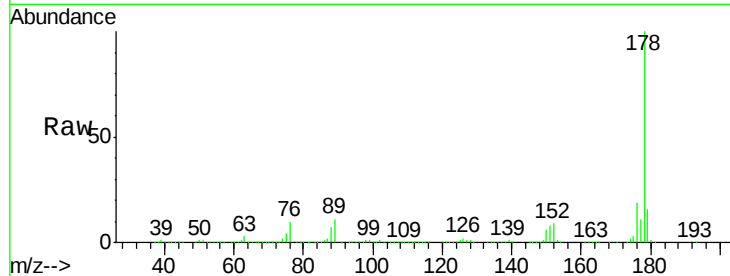
#71
 Anthracene
 Concen: 43.78 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion:178 Resp: 1052625
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0

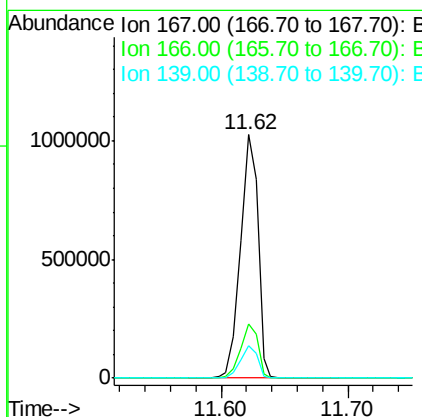
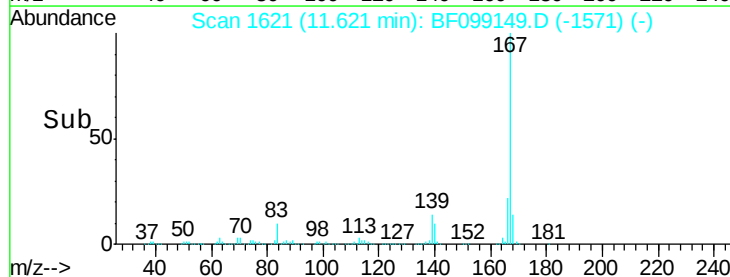
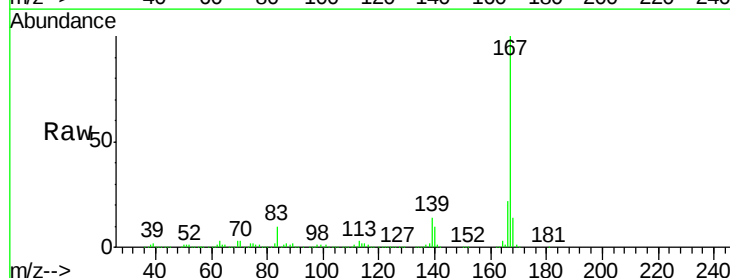
Manual Integrations
 APPROVED

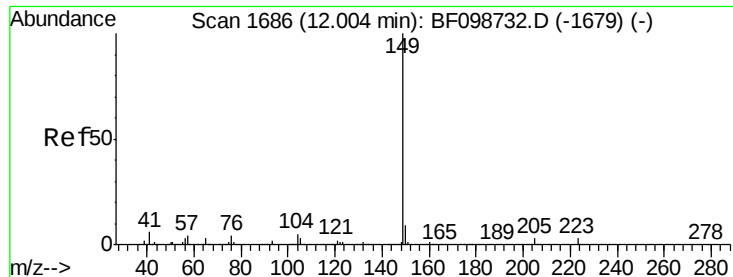
Sohil
 10/9/2017 6:32:42 PM



#72
 Carbazole
 Concen: 41.23 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion:167 Resp: 970719
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 10.9 16.3





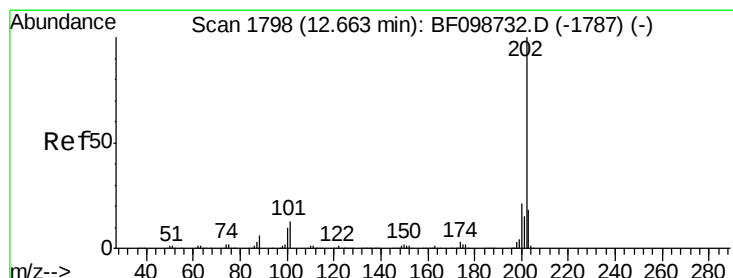
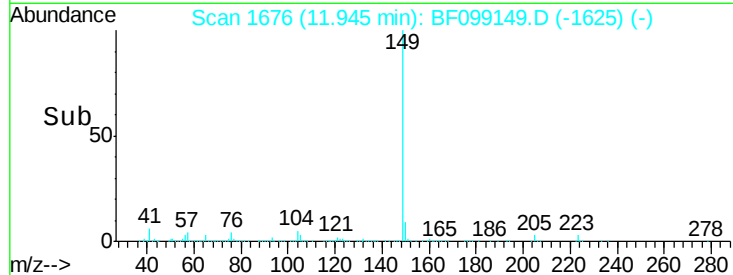
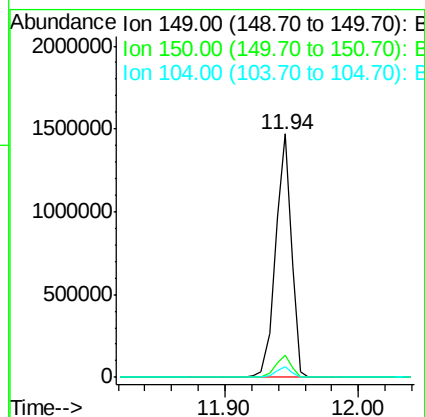
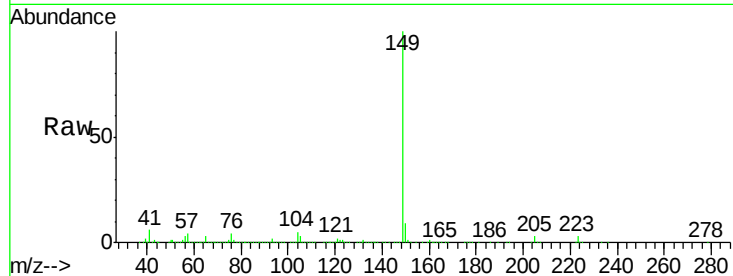
#73
Di-n-butylphthalate
Concen: 43.06 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

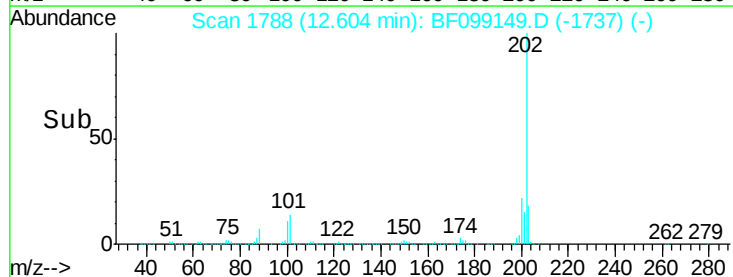
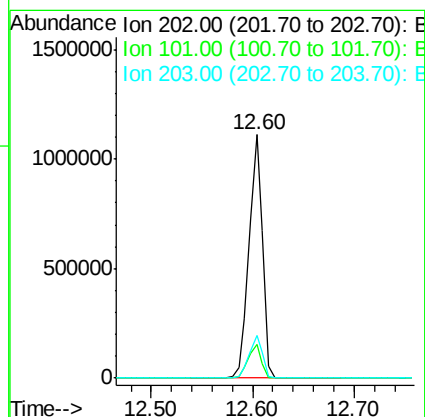
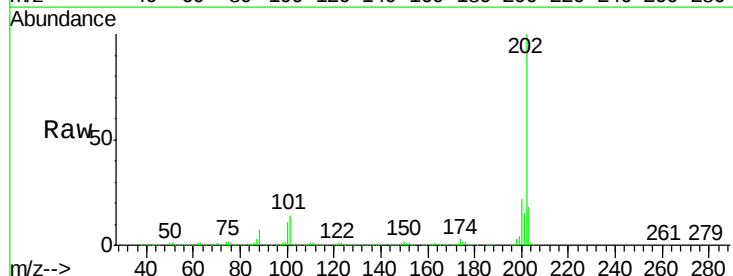
Manual Integrations
APPROVED

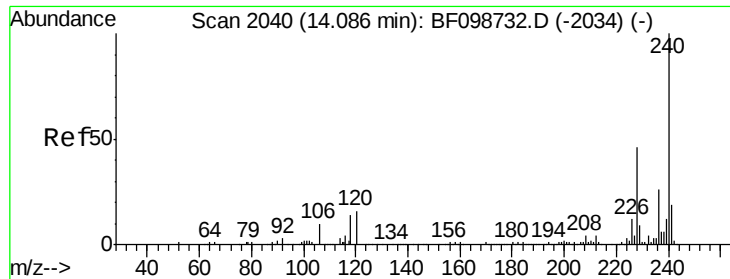
Sohil
10/9/2017 6:32:42 PM



#74
Fluoranthene
Concen: 43.15 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.6	0.0	38.1





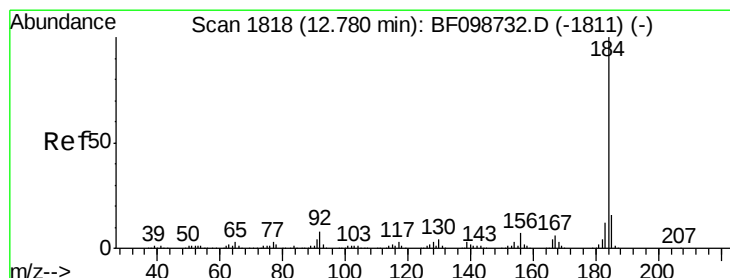
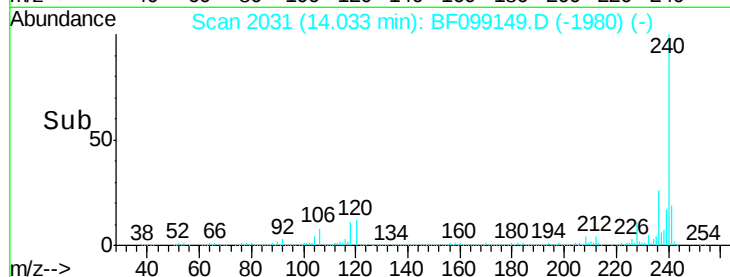
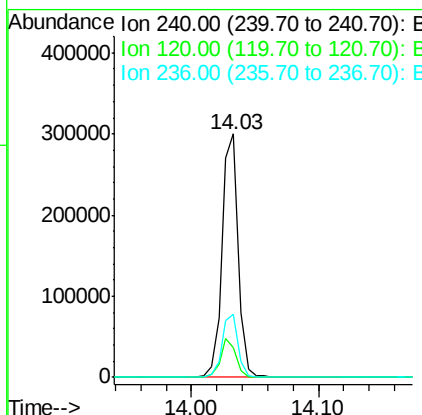
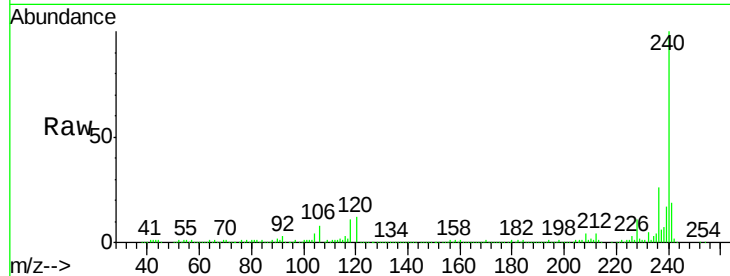
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	266040		
120	12.2	9.5	14.3	
236	26.1	20.7	31.1	

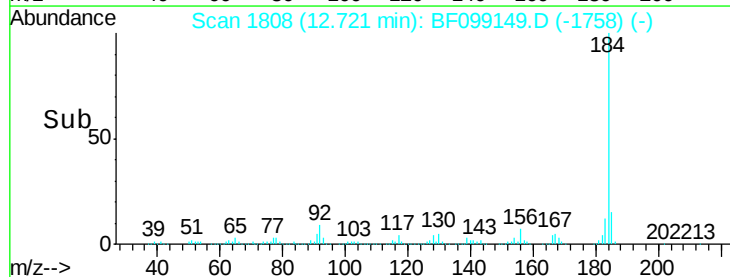
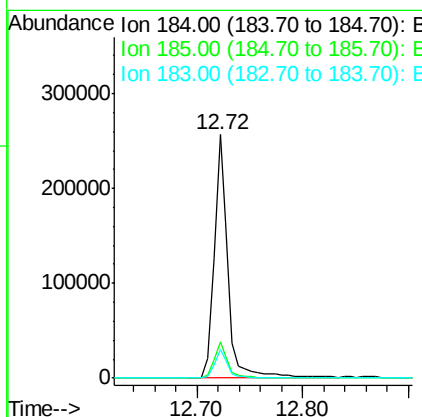
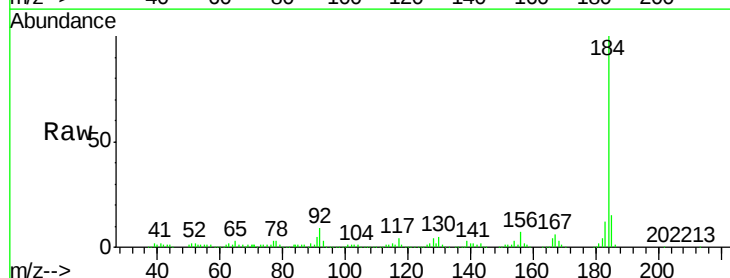
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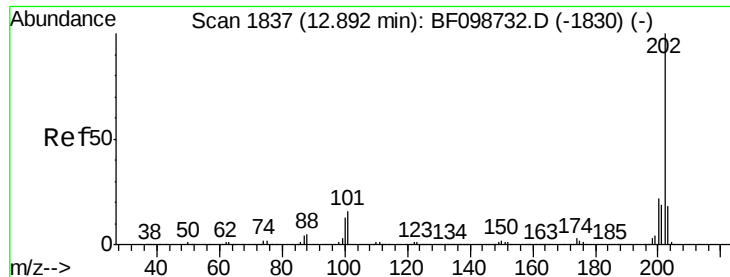
Sohil
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#76
Benzidine
Concen: 24.19 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	238009		
185	14.7	12.6	18.8	
183	11.9	9.3	13.9	





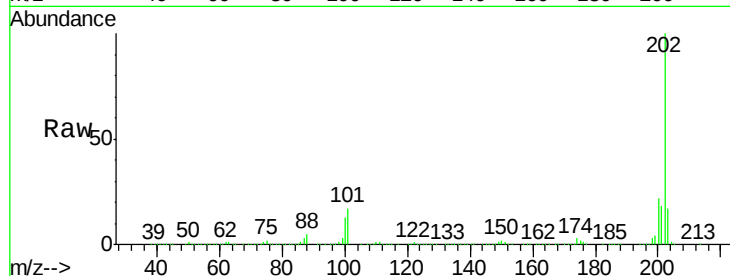
#77
 Pyrene
 Concen: 50.89 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampled :
 PB102939BS

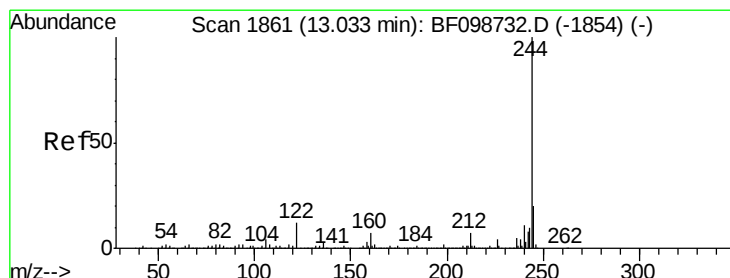
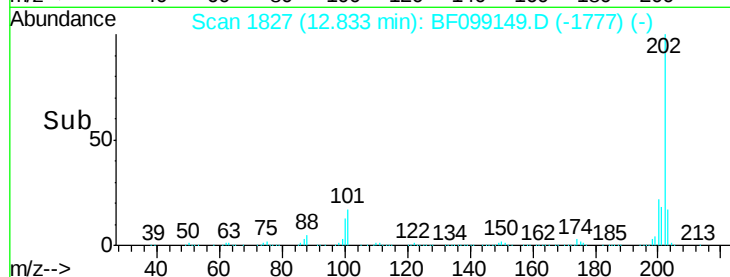
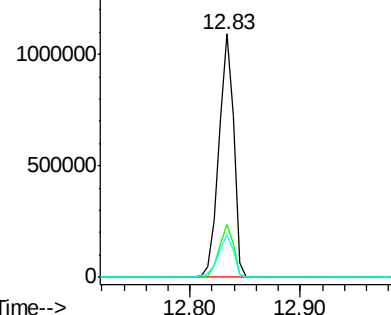
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

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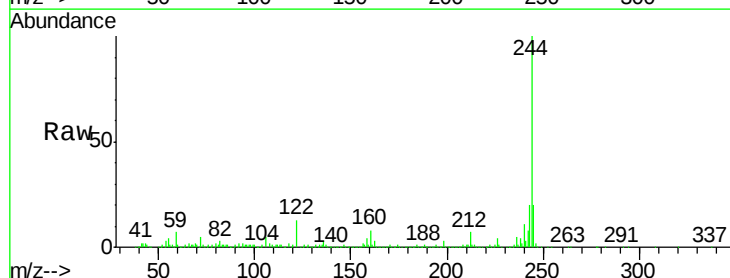


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

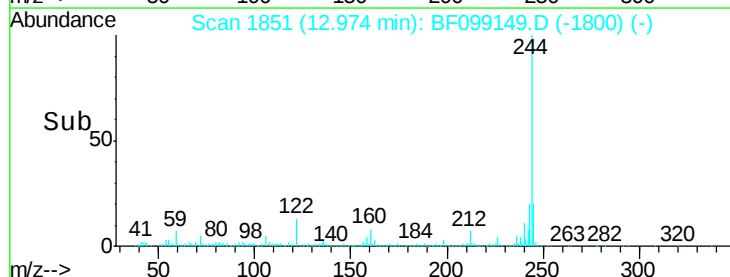
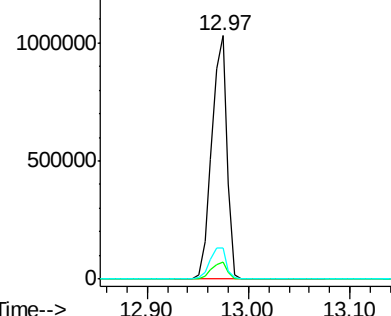


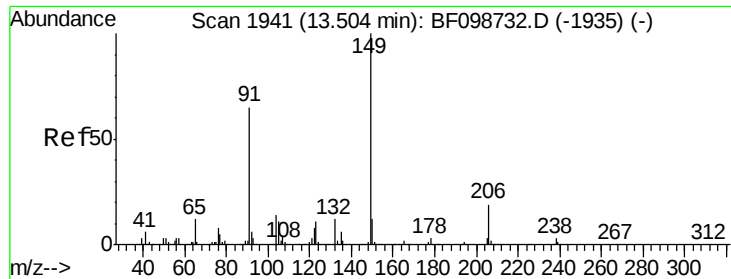
#78
 Terphenyl-d14
 Concen: 91.92 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 1000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





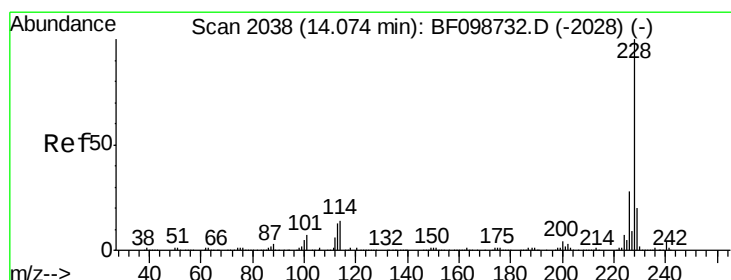
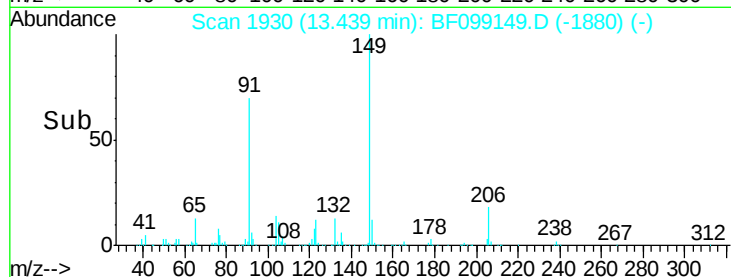
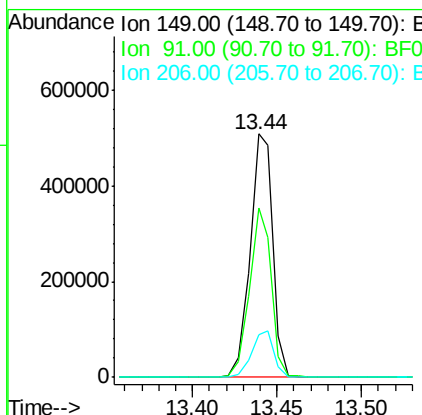
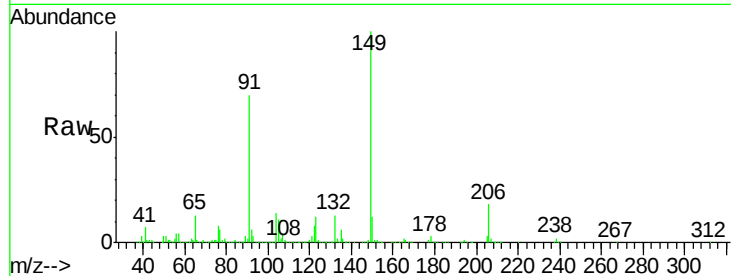
#79
Butylbenzylphthalate
Concen: 49.82 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		474990		
91	69.8	56.8	85.2		
206	17.7	14.1	21.1		

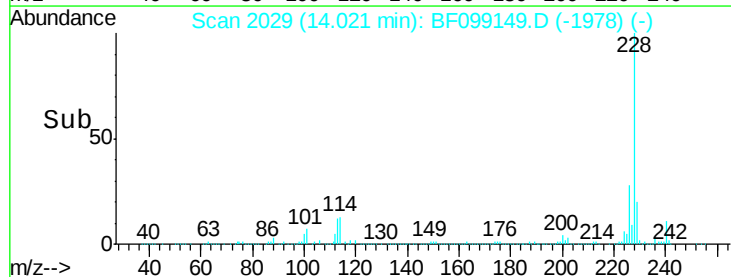
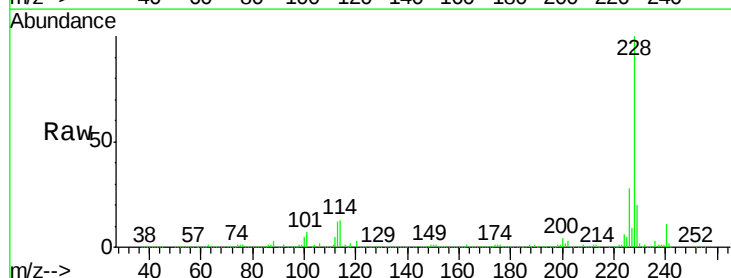
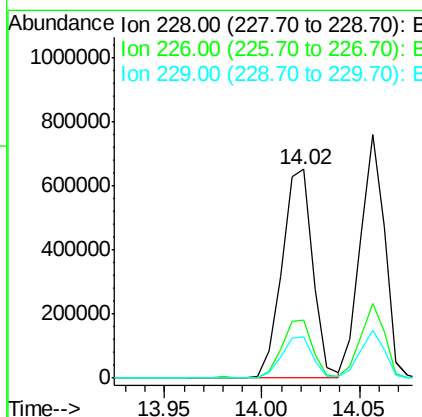
Manual Integrations
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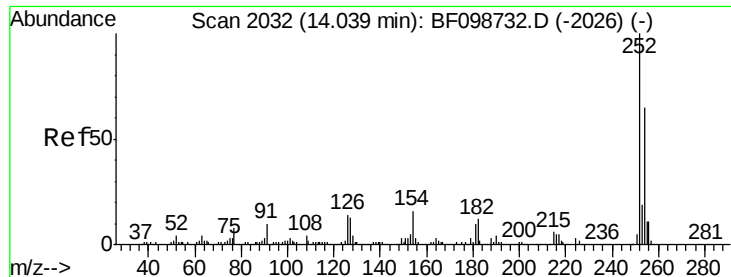
Sohil
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#80
Benzo(a)anthracene
Concen: 44.13 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		710944		
226	28.0	22.6	33.8		
229	19.6	15.8	23.6		





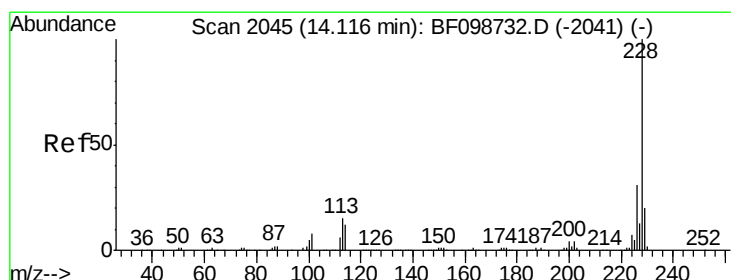
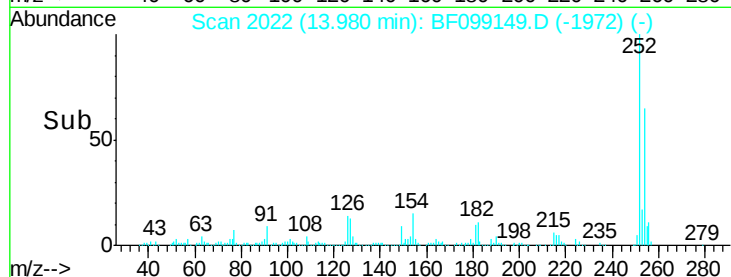
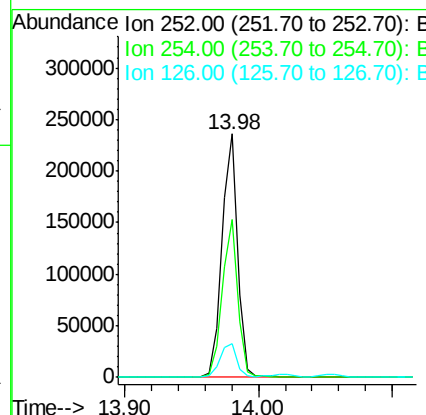
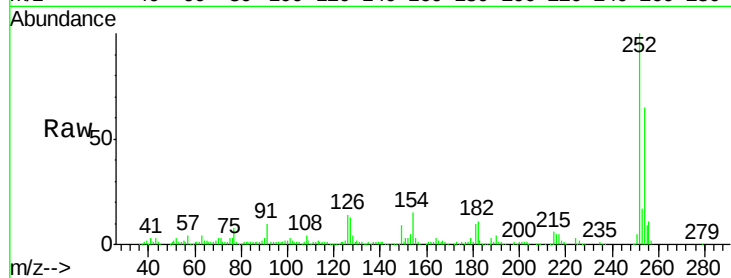
#81
 3,3'-Dichlorobenzidine
 Concen: 33.48 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	197731		
254	64.6	50.4	75.6	
126	14.1	11.3	16.9	

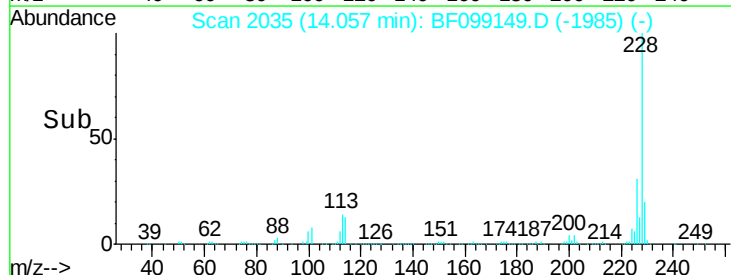
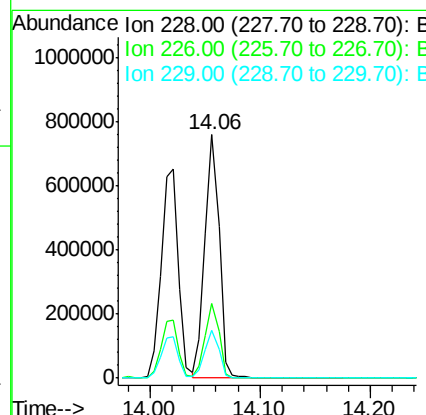
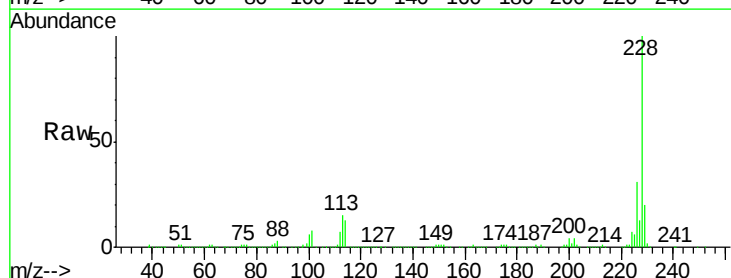
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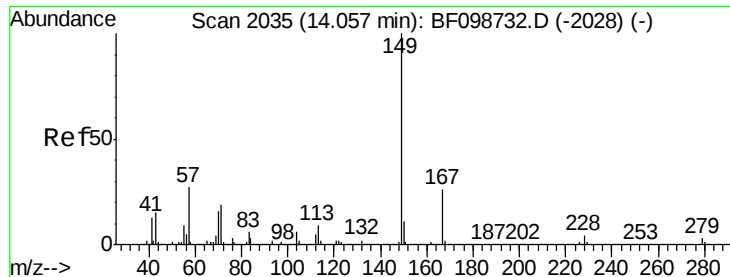
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#82
 Chrysene
 Concen: 43.29 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	663878		
226	30.8	25.0	37.6	
229	19.6	16.2	24.4	





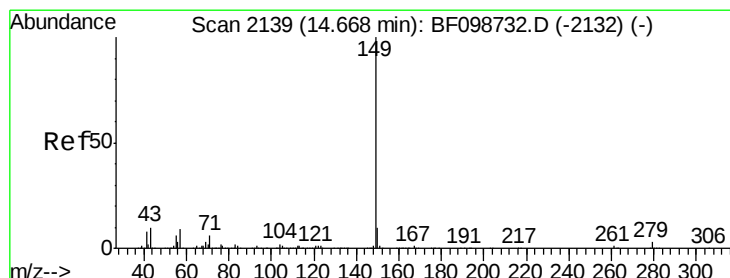
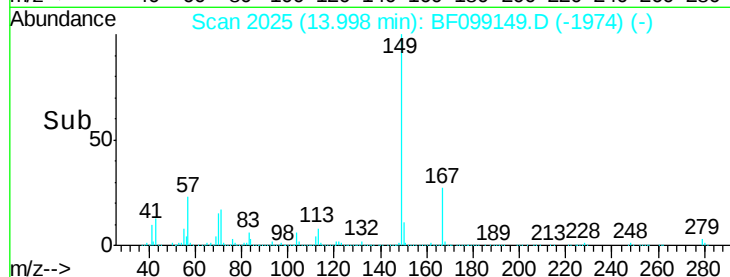
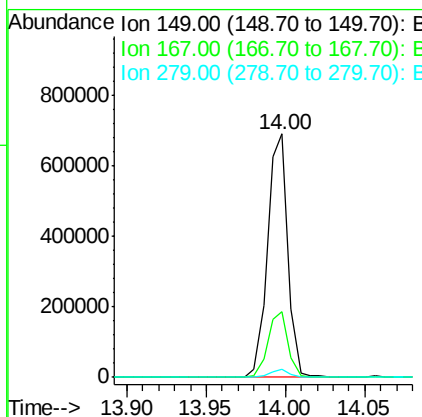
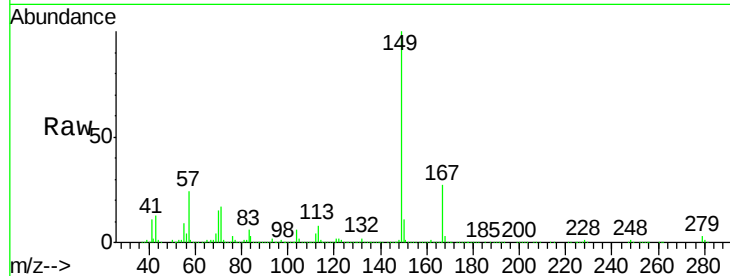
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.26 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.4	3.0	4.4

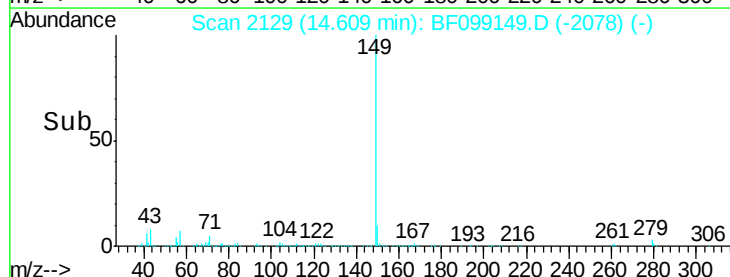
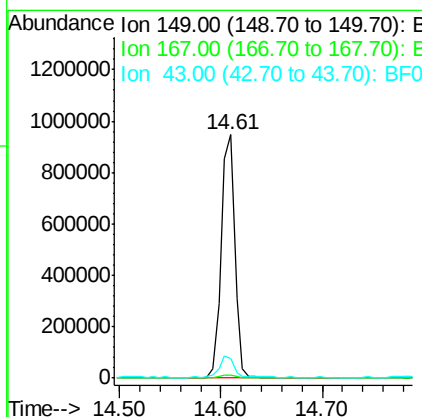
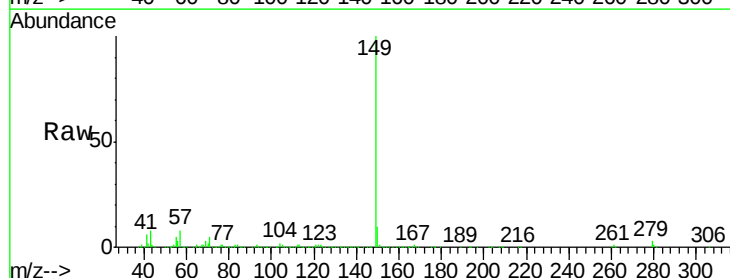
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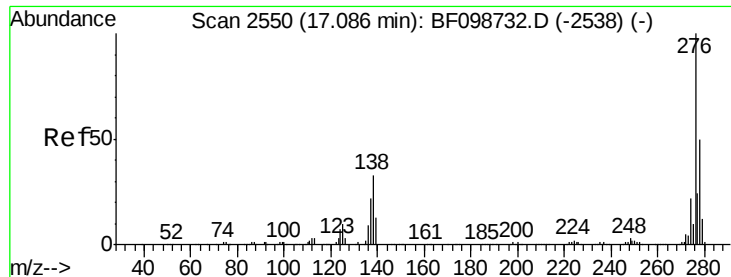
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#84
 Di-n-octyl phthalate
 Concen: 41.62 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

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





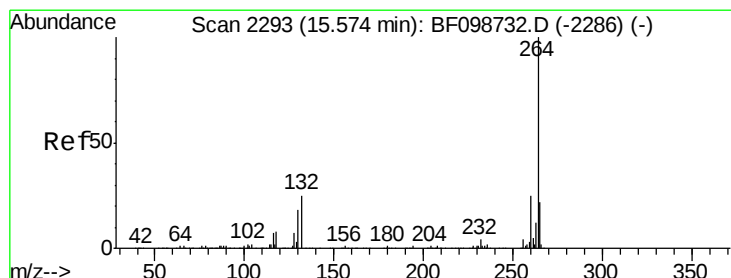
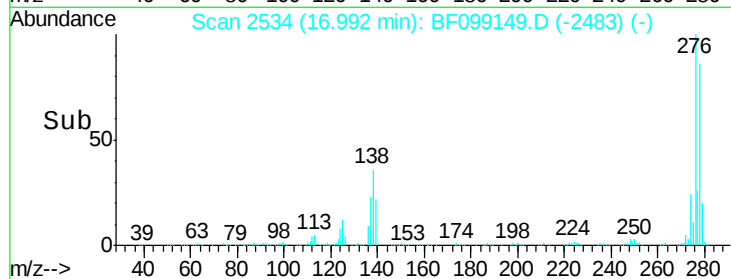
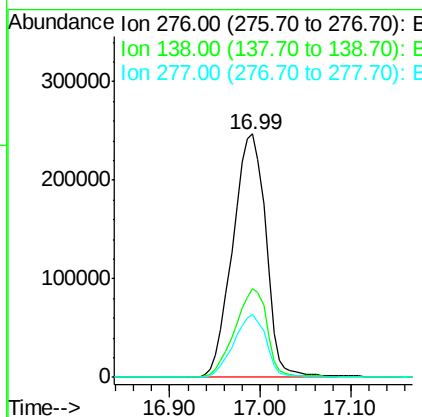
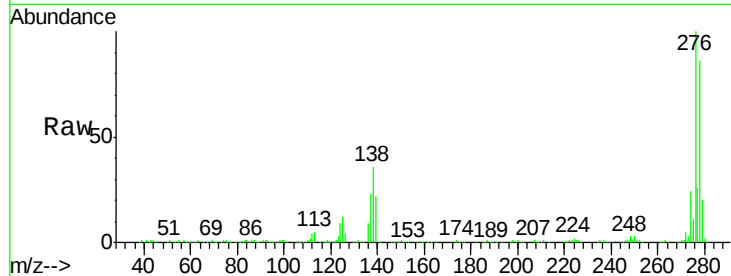
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.28 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.2	20.1	30.1

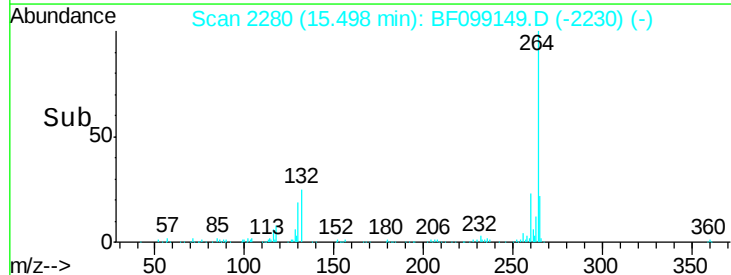
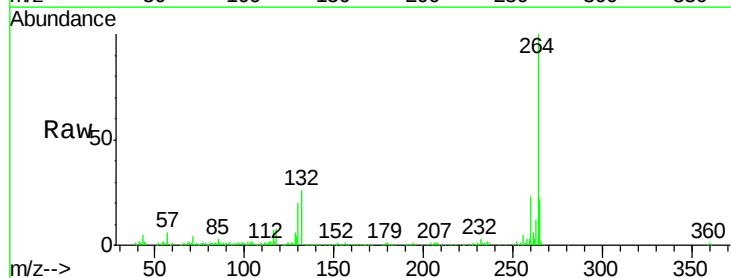
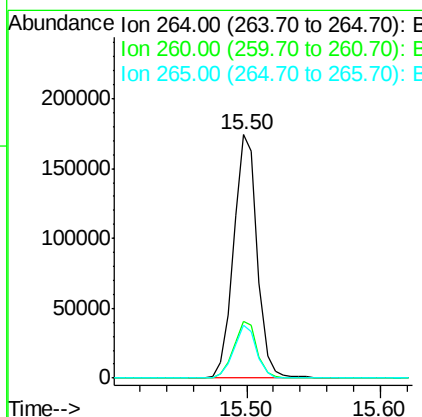
Manual Integrations
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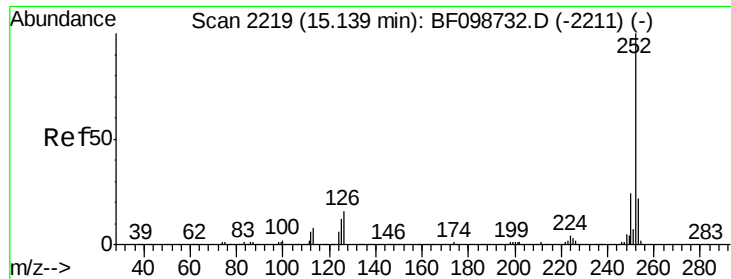
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.36 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Instrument :

BNA_F

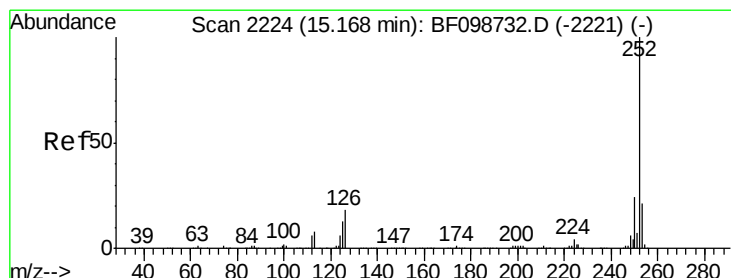
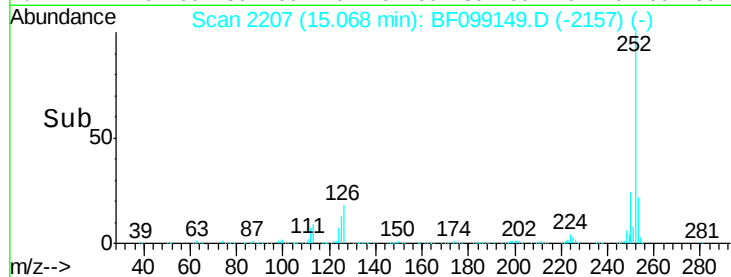
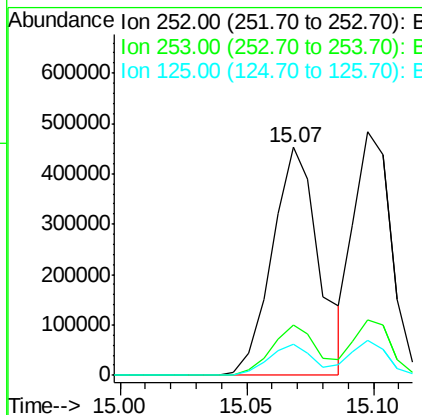
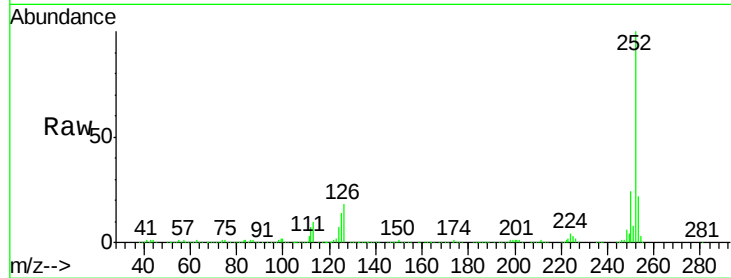
ClientSampleId :

PB102939BS

Tgt Ion:	252	Resp:	584907
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	13.5	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.75 ng

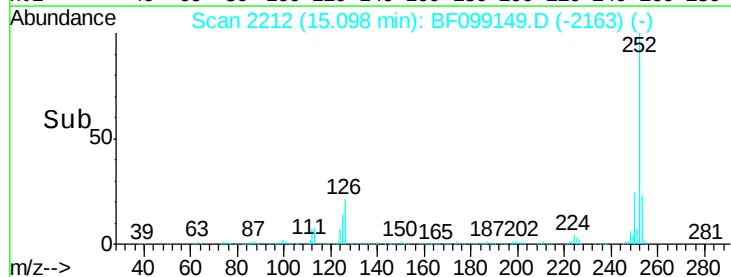
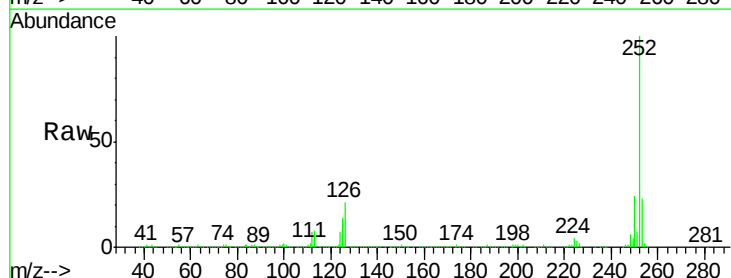
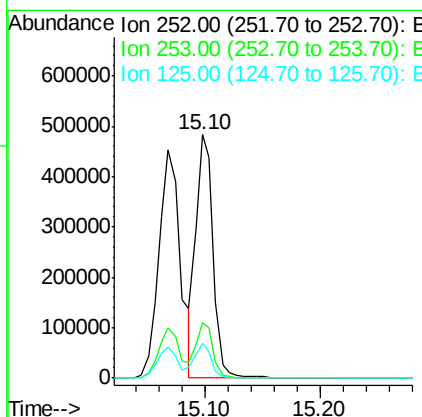
RT: 15.10 min Scan# 2212

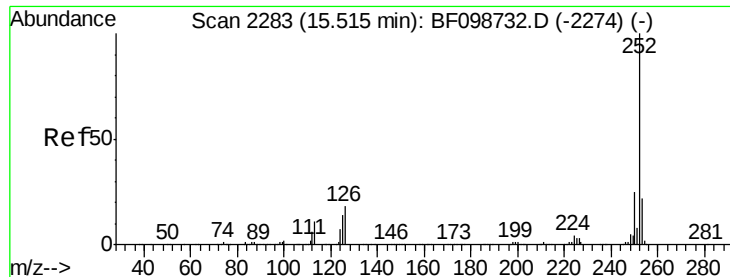
Delta R.T. -0.01 min

Lab File: BF099149.D

Acq: 6 Oct 2017 16:05

Tgt Ion:	252	Resp:	504541
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	14.4	10.2	15.2





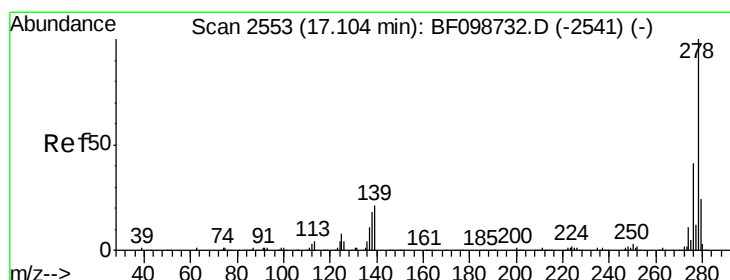
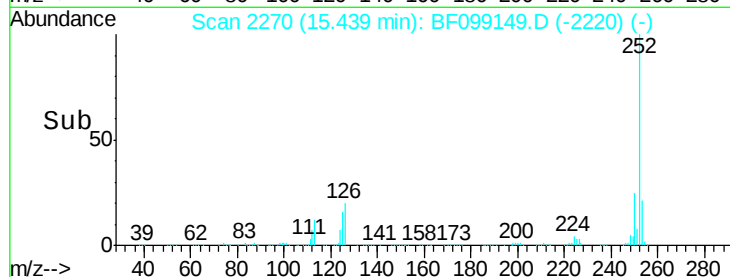
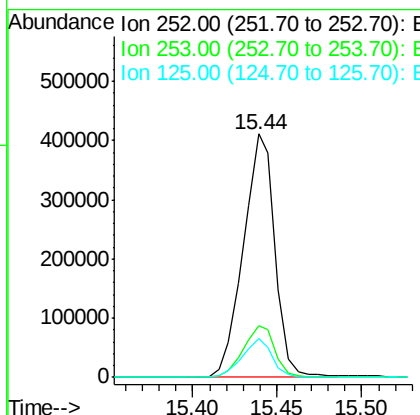
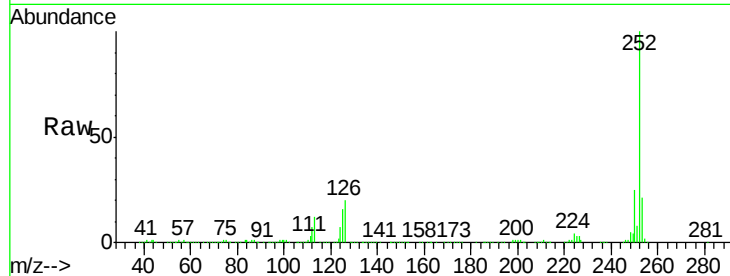
#89
Benzo(a)pyrene
Concen: 44.20 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.7	9.8	14.6

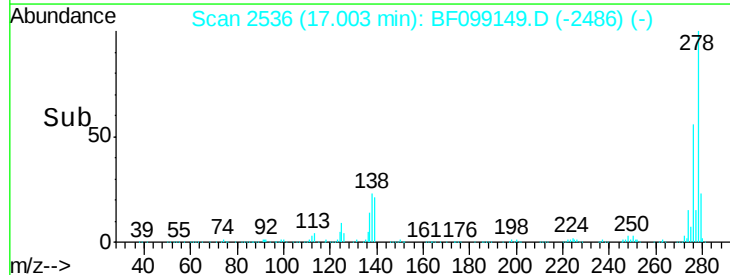
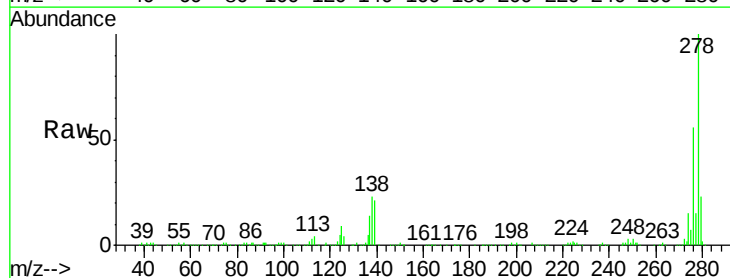
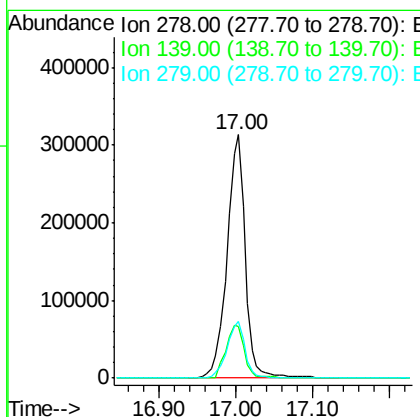
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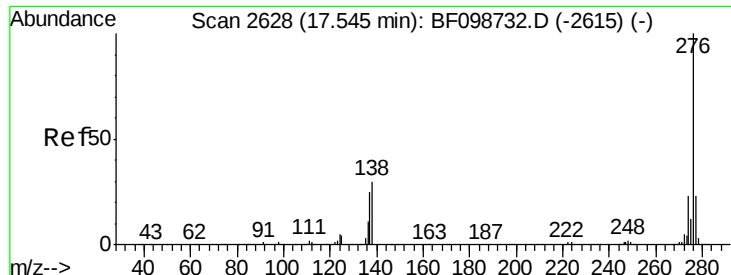
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#90
Dibenzo(a,h)anthracene
Concen: 53.74 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099149.D
Acq: 6 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 57.91 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF099149.D
 Acq: 6 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB102939BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	17.9	26.9
138	30.2	21.8	32.8

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