

Data File : BF098735.D
Acq On : 23 Sep 2017 13:18
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:07 PM

Quant Time: Sep 23 13:51:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	174112	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	729692	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	324393	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	556561	20.00	ng	0.00
75) Chrysene-d12	14.09	240	359883	20.00	ng	0.00
86) Perylene-d12	15.58	264	293072	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1610359	140.45	ng	0.00
7) Phenol-d6	6.56	99	1974948	142.24	ng	0.02
23) Nitrobenzene-d5	7.50	82	1707958	158.77	ng	0.01
41) 2,4,6-Tribromophenol	10.76	330	398025	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2626945	128.86	ng	0.00
78) Terphenyl-d14	13.04	244	2330613	139.05	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	400923	74.03	ng	99
3) Pyridine	3.55	79	1125218	78.18	ng	99
4) n-Nitrosodimethylamine	3.52	42	475884	75.45	ng	# 96
6) Aniline	6.60	93	1388072	75.47	ng	99
8) 2-Chlorophenol	6.72	128	883313	70.92	ng	99
10) Phenol	6.57	94	1092003	71.26	ng	95
11) bis(2-Chloroethyl)ether	6.67	93	877952	74.37	ng	99
12) 1,3-Dichlorobenzene	6.87	146	945226	71.85	ng	99
13) 1,4-Dichlorobenzene	6.95	146	951290	71.44	ng	99
14) 1,2-Dichlorobenzene	7.10	146	831680	66.98	ng	98
15) Benzyl Alcohol	7.07	79	681642	68.04	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1342157	71.34	ng	97
17) 2-Methylphenol	7.17	107	761277	75.01	ng	99
18) Hexachloroethane	7.44	117	348537	76.03	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	627318	72.93	ng	96
20) 3+4-Methylphenols	7.33	107	870595	66.53	ng	# 88
22) Acetophenone	7.35	105	1213216	67.21	ng	97
24) Nitrobenzene	7.52	77	953049	76.71	ng	99
25) Isophorone	7.76	82	1819940	77.57	ng	99
26) 2-Nitrophenol	7.83	139	504345	99.87	ng	93
27) 2,4-Dimethylphenol	7.86	122	864132	75.00	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	1091811	74.79	ng	99
29) 2,4-Dichlorophenol	8.06	162	755957	76.27	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	728174	72.84	ng	99
31) Naphthalene	8.23	128	2396082	69.19	ng	99
32) Benzoic acid	8.03	122	821400m	133.42	ng	
33) 4-Chloroaniline	8.28	127	1016687	70.61	ng	98
34) Hexachlorobutadiene	8.35	225	374084	69.46	ng	99
35) Caprolactam	8.69	113	265906m	86.04	ng	
36) 4-Chloro-3-methylphenol	8.76	107	828779	73.26	ng	95
37) 2-Methylnaphthalene	8.92	142	1548801	69.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	686337	71.54	ng	99
40) Hexachlorocyclopentadiene	9.07	237	353496	84.79	ng	98
42) 2,4,6-Trichlorophenol	9.20	196	538629	83.31	ng	99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	499480	75.34	ng	97
45) 1,1'-Biphenyl	9.39	154	1868828	67.06	ng	99
46) 2-Chloronaphthalene	9.42	162	1483013	70.96	ng	98
47) 2-Nitroaniline	9.51	65	490163	83.53	ng	100
48) Acenaphthylene	9.83	152	2229958	69.38	ng	99
49) Dimethylphthalate	9.70	163	1811634	74.47	ng	99
50) 2,6-Dinitrotoluene	9.76	165	417859	87.05	ng	89
51) Acenaphthene	10.00	154	1438374	72.09	ng	98
52) 3-Nitroaniline	9.93	138	472344	82.54	ng	94
53) 2,4-Dinitrophenol	10.03	184	223397	146.97	ng	90
54) Dibenzofuran	10.17	168	1861425	68.33	ng	97
55) 4-Nitrophenol	10.07	139	412403	82.82	ng	95
56) 2,4-Dinitrotoluene	10.16	165	540574	83.83	ng	98
57) Fluorene	10.52	166	1412622	64.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	347918	73.76	ng	98
59) Diethylphthalate	10.39	149	1690591	70.92	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	641412	66.86	ng	99
61) 4-Nitroaniline	10.55	138	460750	83.95	ng	94
62) Azobenzene	10.67	77	1520777	68.21	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	295679	122.73	ng	87
65) n-Nitrosodiphenylamine	10.63	169	1384161	72.25	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	400818	71.32	ng	95
67) Hexachlorobenzene	11.06	284	431010	67.31	ng	96
68) Atrazine	11.15	200	418306	72.59	ng	98
69) Pentachlorophenol	11.25	266	289277	79.04	ng	99
70) Phenanthrene	11.48	178	2038551	67.52	ng	99
71) Anthracene	11.53	178	2092795	67.98	ng	99
72) Carbazole	11.69	167	2041508	67.87	ng	98
73) Di-n-butylphthalate	12.01	149	2451970	70.18	ng	100
74) Fluoranthene	12.67	202	2038100	67.74	ng	99
76) Benzidine	12.79	184	910171	62.28	ng	# 93
77) Pyrene	12.90	202	2114870	79.15	ng	99
79) Butylbenzylphthalate	13.50	149	1028110	93.01	ng	99
80) Benzo(a)anthracene	14.09	228	1622217	74.83	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	557849	72.11	ng	96
82) Chrysene	14.12	228	1513129	72.28	ng	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1297810	84.88	ng	99
84) Di-n-octyl phthalate	14.67	149	2108796	91.84	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	1348654	83.05	ng	97
87) Benzo(b)fluoranthene	15.14	252	1346664	79.23	ng	97
88) Benzo(k)fluoranthene	15.18	252	1342274	79.03	ng	99
89) Benzo(a)pyrene	15.52	252	1264892	81.95	ng	# 96
90) Dibenzo(a,h)anthracene	17.13	278	1082147	82.89	ng	98
91) Benzo(g,h,i)perylene	17.57	276	1114003	84.89	ng	96

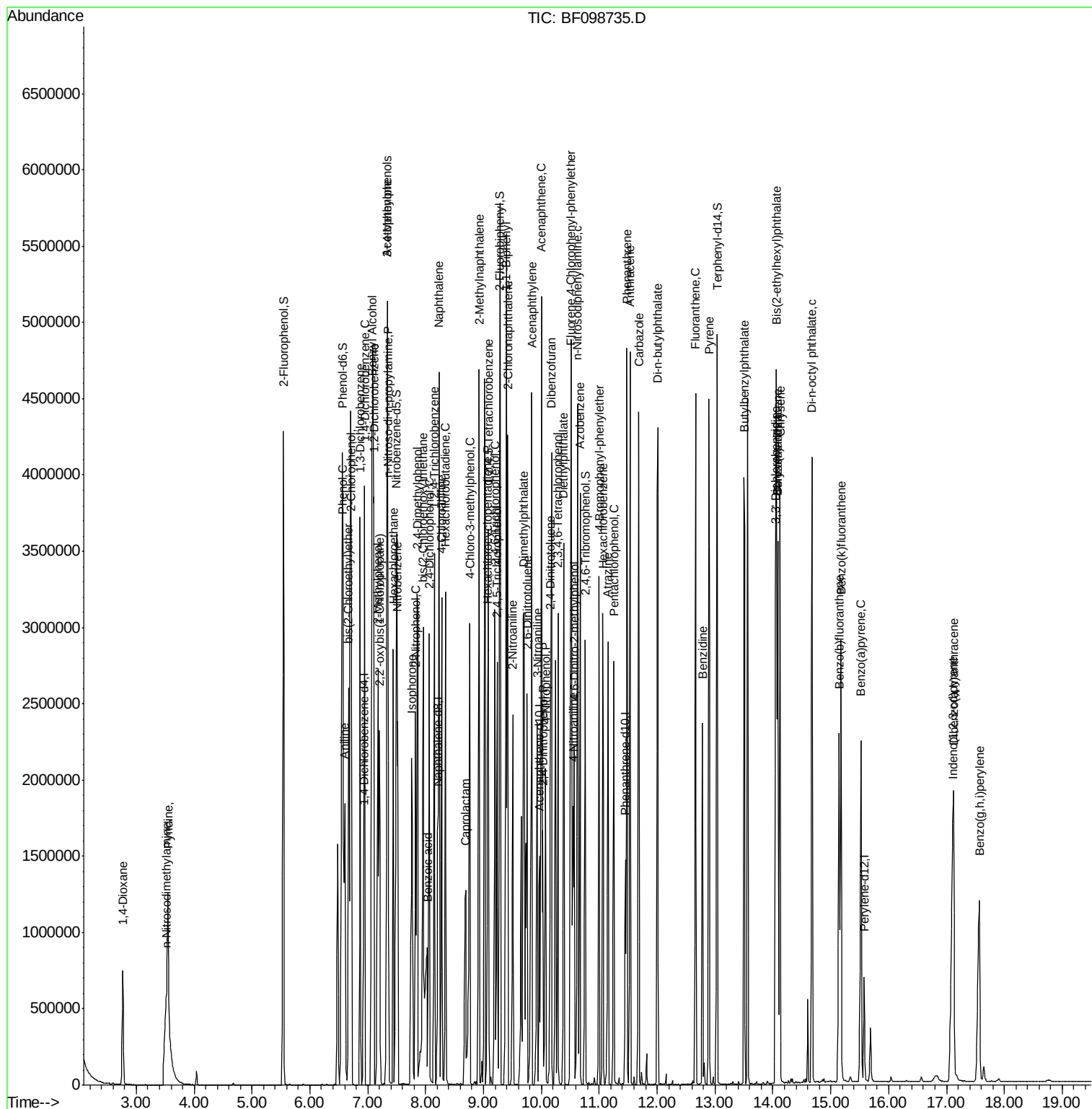
(#) = qualifier out of range (m) = manual integration (+) = signals summed

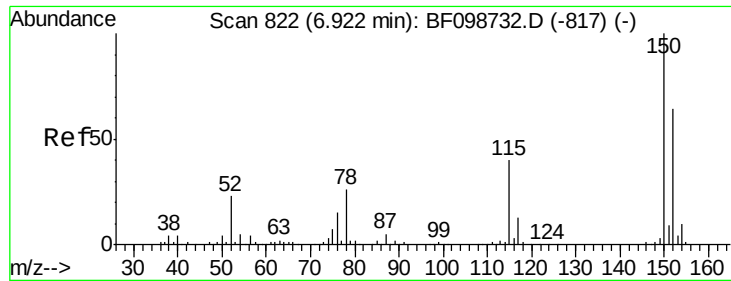
ALS Vial : 8 Sample Multiplier: 1

SSTDICC080

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Response via : Initial Calibration





#1

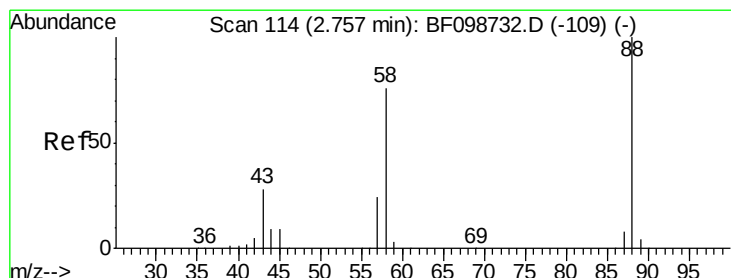
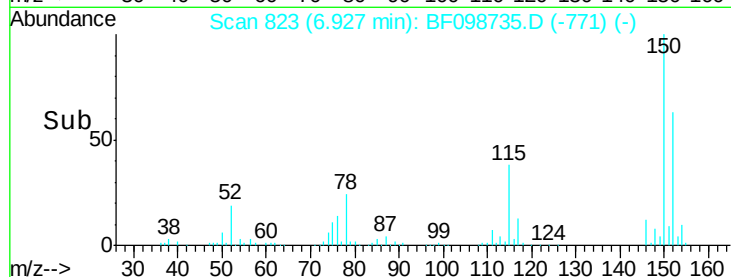
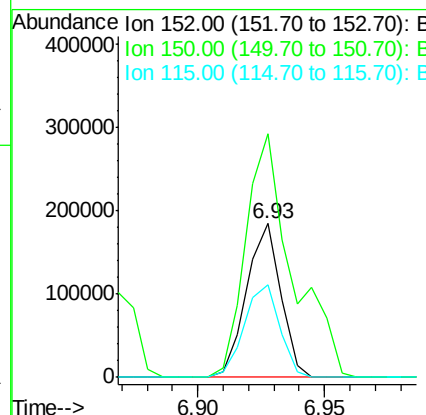
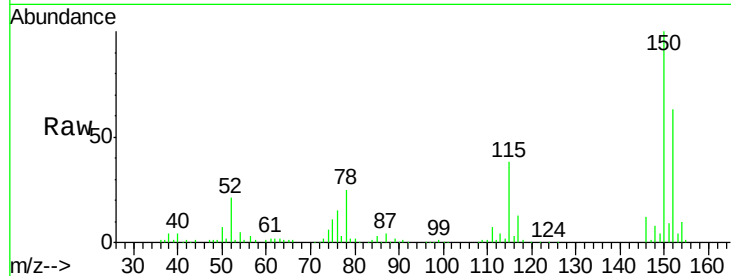
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
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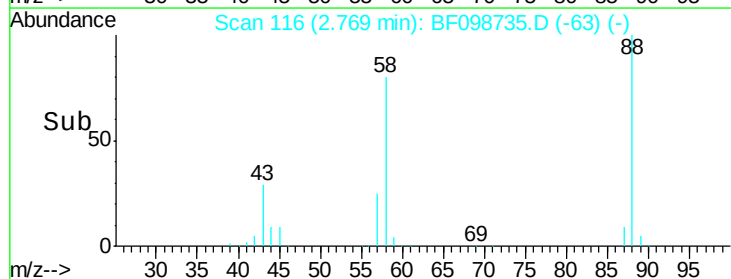
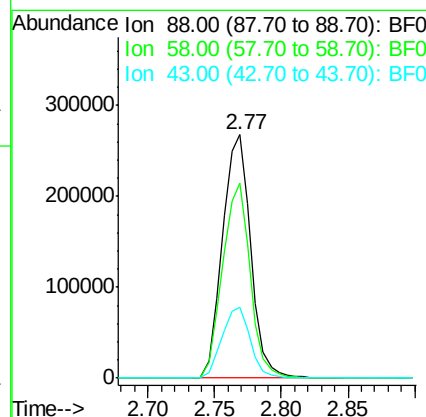
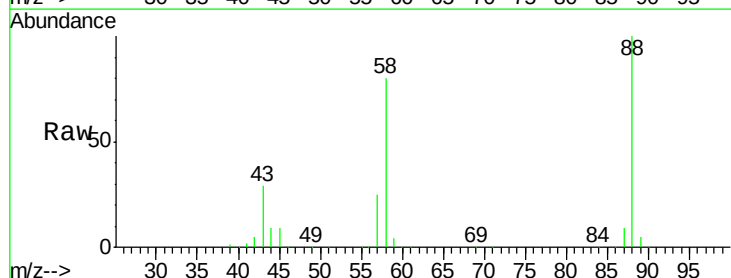
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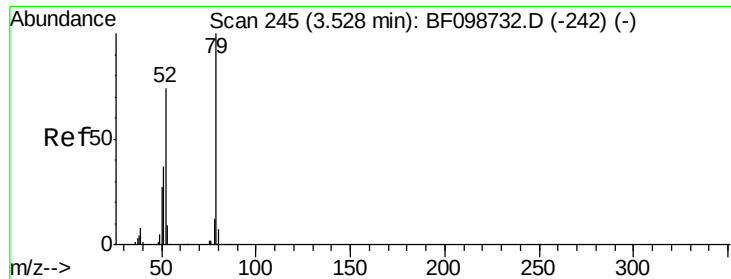


#2

1,4-Dioxane
Concen: 74.03 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	62.6	93.8
43	29.1	24.6	37.0





#3

Pyridine

Concen: 78.18 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1125218

Ion Ratio Lower Upper

79 100

52 75.0 59.8 89.6

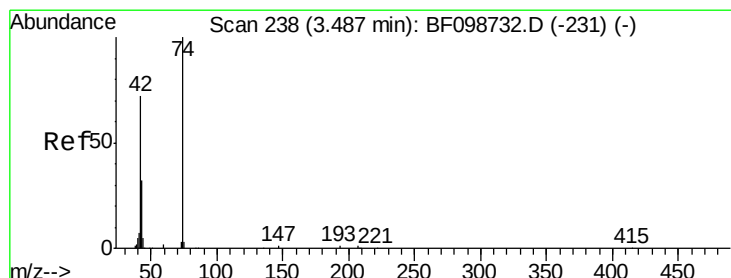
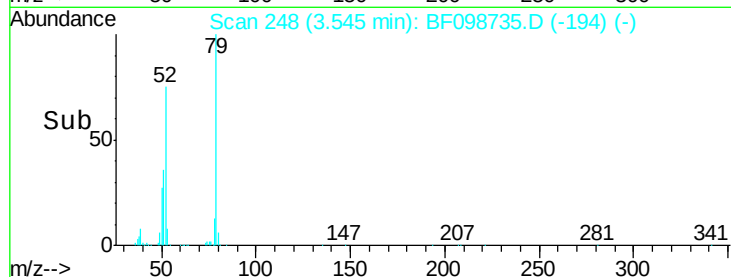
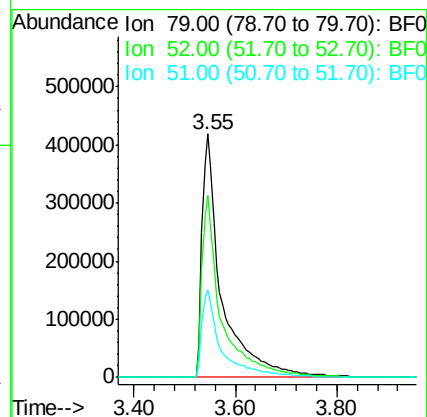
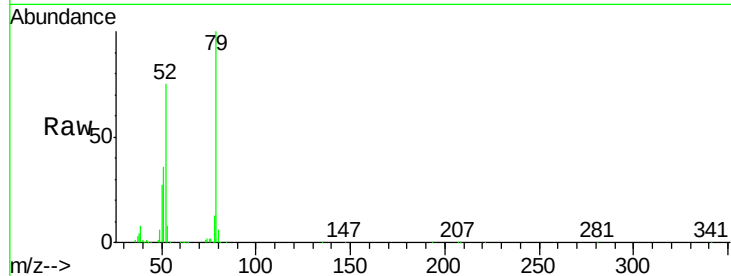
51 36.2 29.8 44.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 75.45 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.03 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

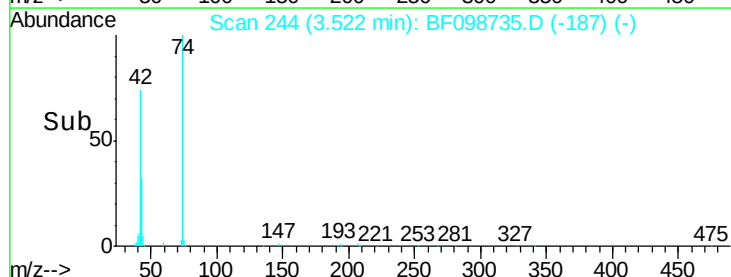
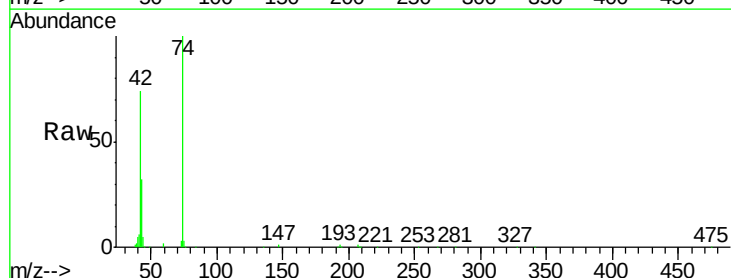
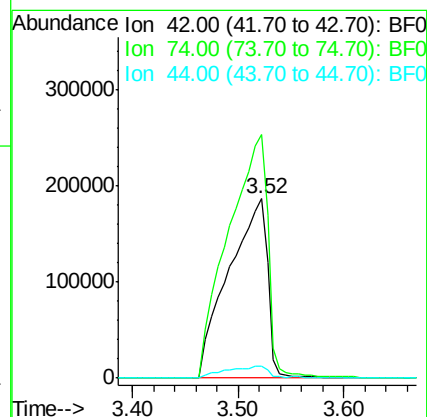
Tgt Ion: 42 Resp: 475884

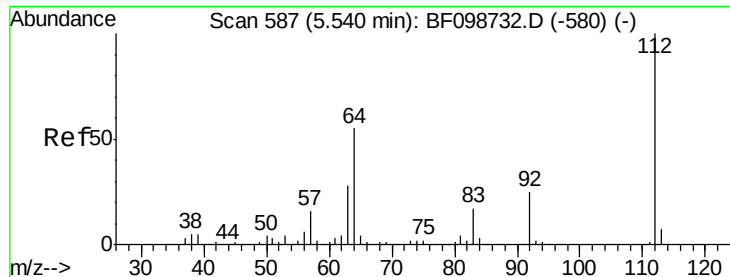
Ion Ratio Lower Upper

42 100

74 135.7 104.9 157.3

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 140.45 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 112 Resp: 1610359

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

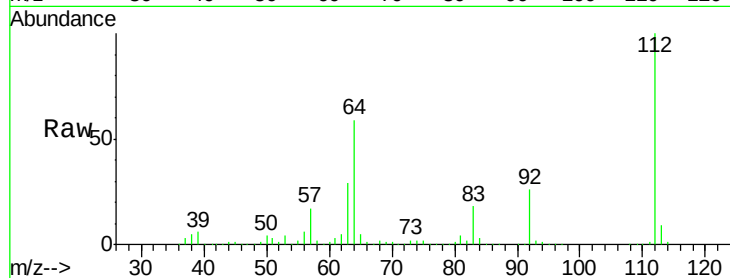
63 29.1 23.7 35.5

Manual Integrations

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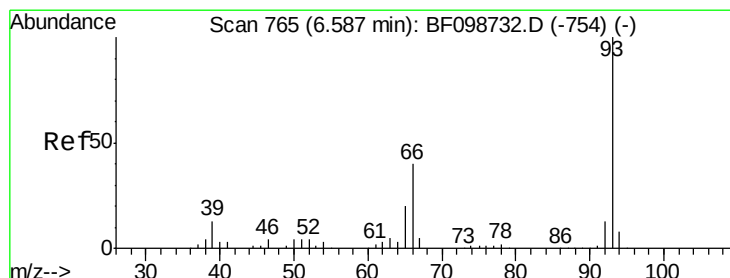
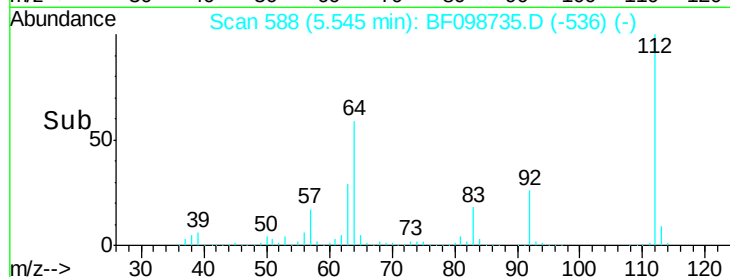
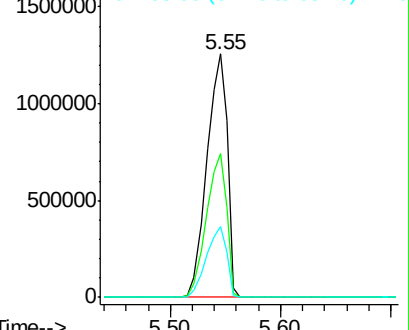
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 75.47 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

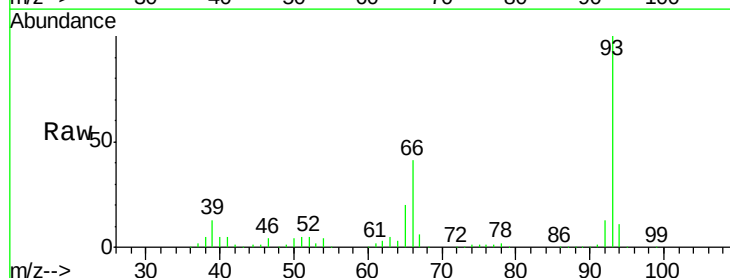
Tgt Ion: 93 Resp: 1388072

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

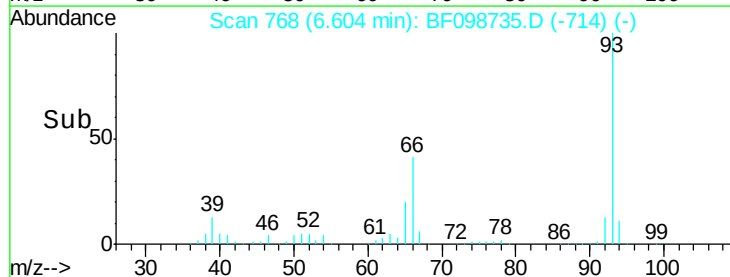
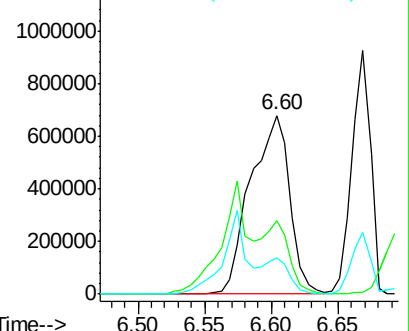
65 20.4 16.4 24.6

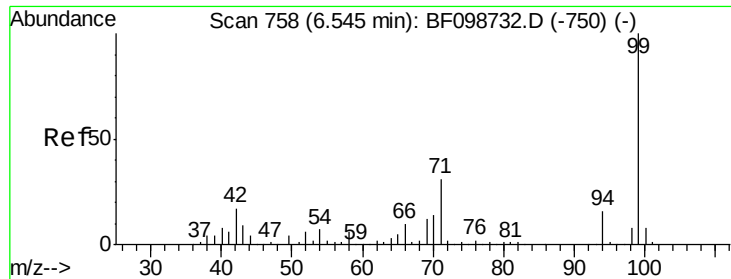


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.24 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 1974948

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

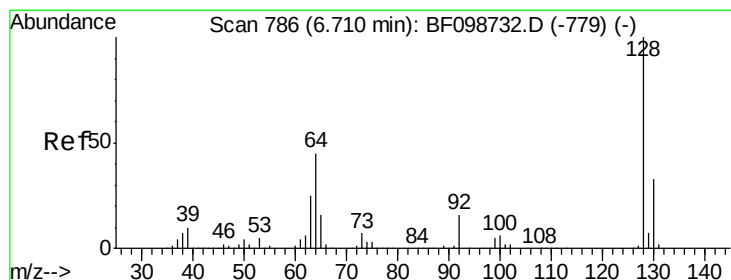
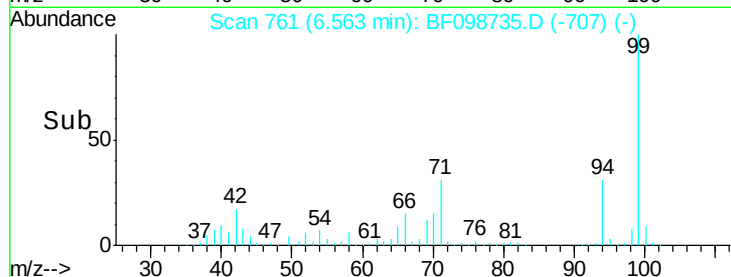
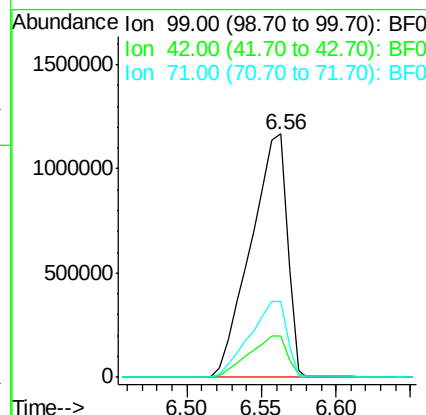
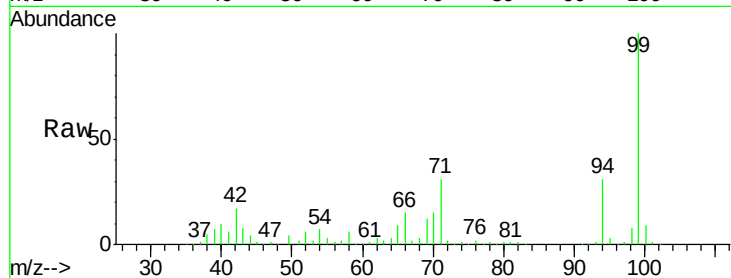
71 31.4 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 70.92 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

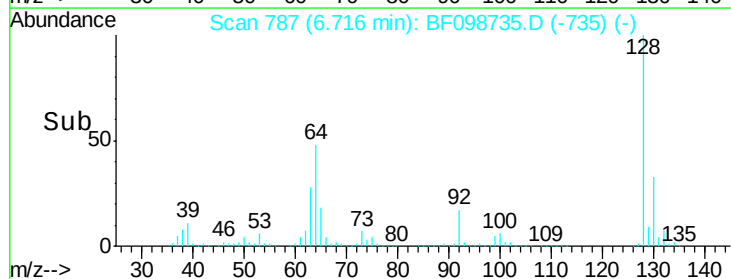
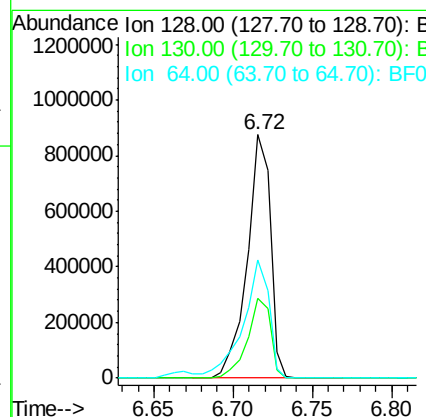
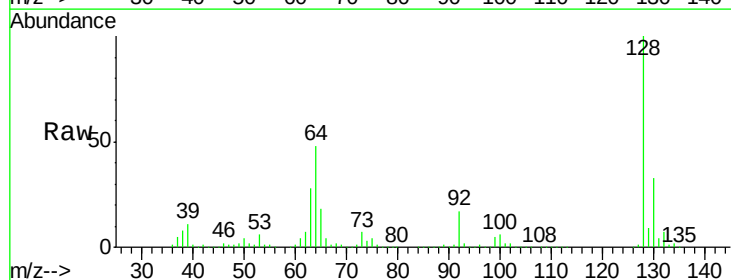
Tgt Ion: 128 Resp: 883313

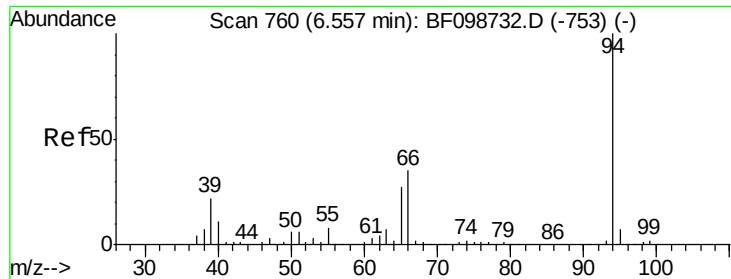
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 48.5 29.4 69.4





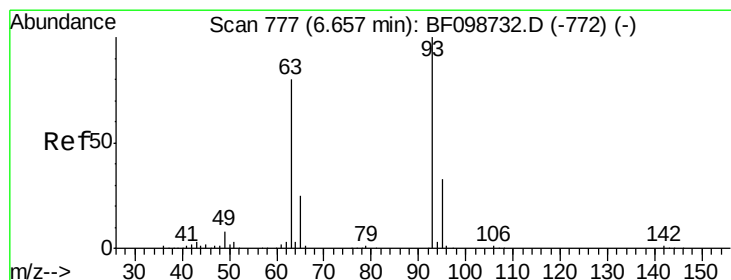
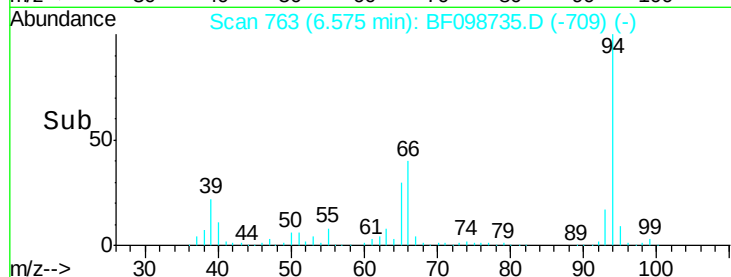
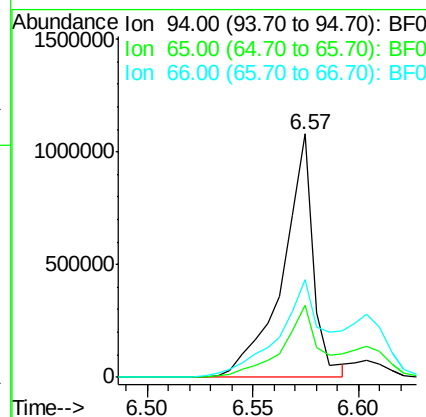
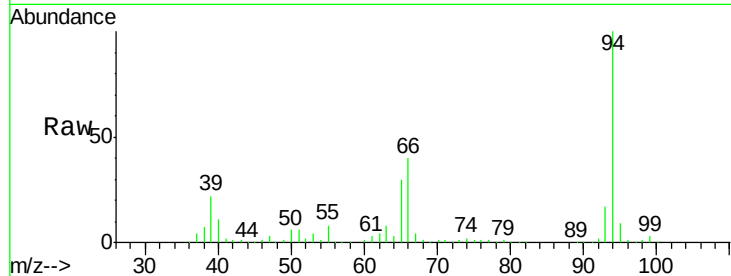
#10
Phenol
Concen: 71.26 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 94 Resp: 1092003
Ion Ratio Lower Upper
94 100
65 29.7 7.9 47.9
66 40.0 16.2 56.2

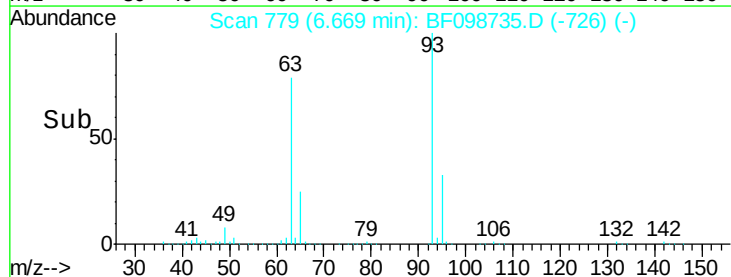
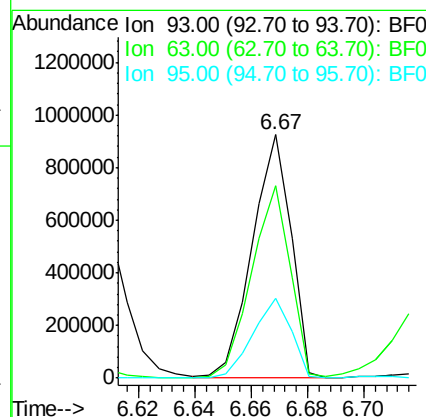
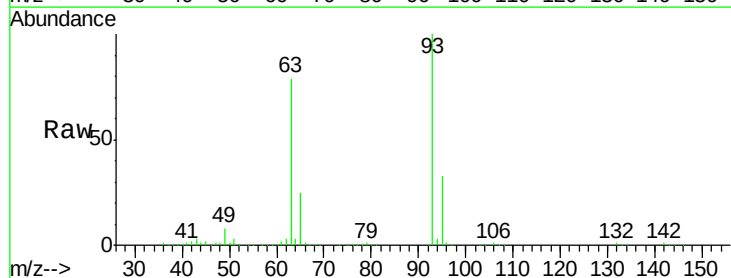
Manual Integrations
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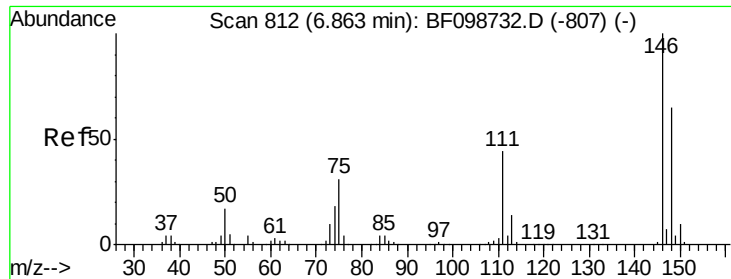
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#11
bis(2-Chloroethyl)ether
Concen: 74.37 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion: 93 Resp: 877952
Ion Ratio Lower Upper
93 100
63 79.1 58.6 98.6
95 33.0 11.8 51.8





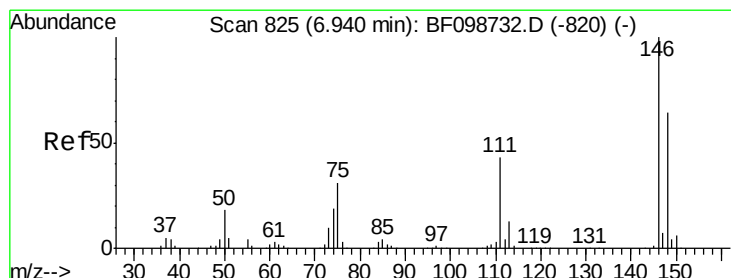
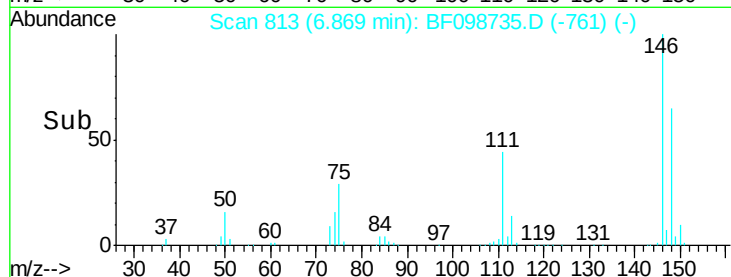
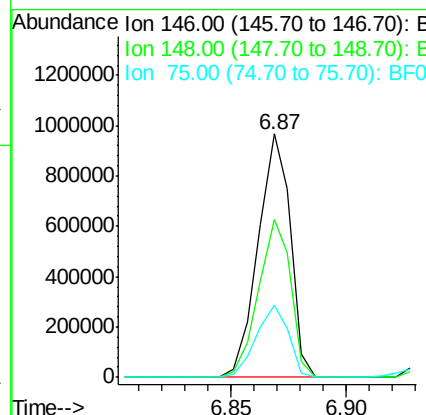
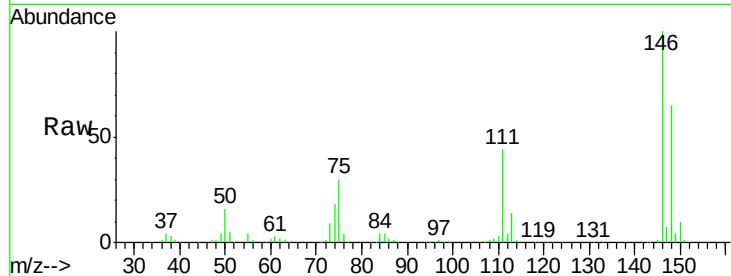
#12
 1,3-Dichlorobenzene
 Concen: 71.85 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	945226		
148	64.6	51.8	77.8	
75	29.7	24.2	36.4	

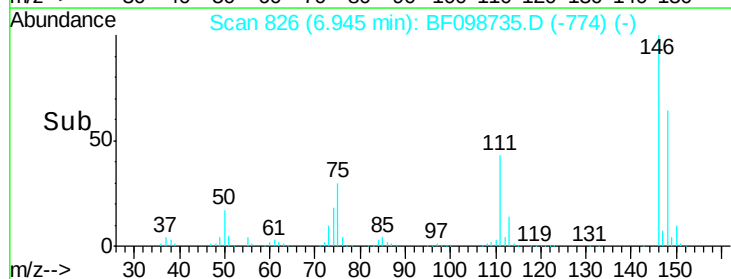
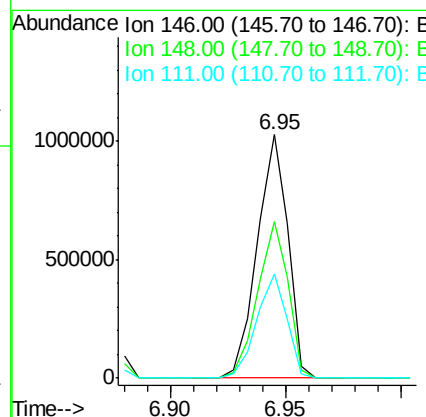
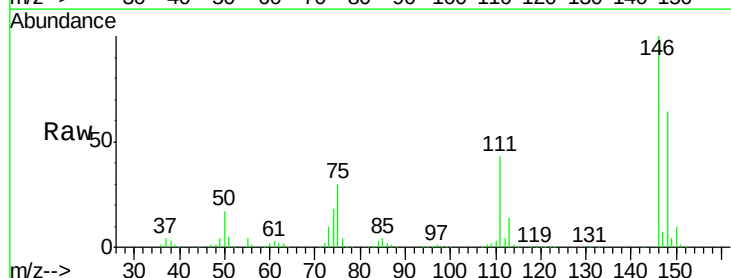
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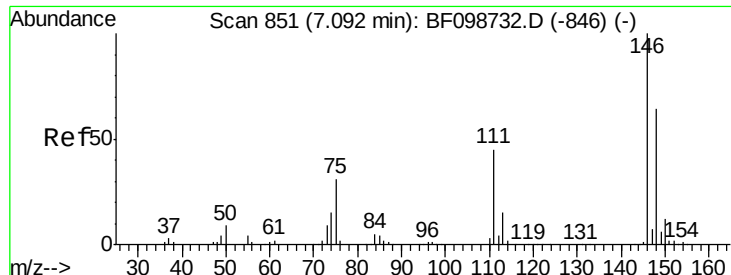
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#13
 1,4-Dichlorobenzene
 Concen: 71.44 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	951290		
148	64.4	50.8	76.2	
111	43.0	34.2	51.2	





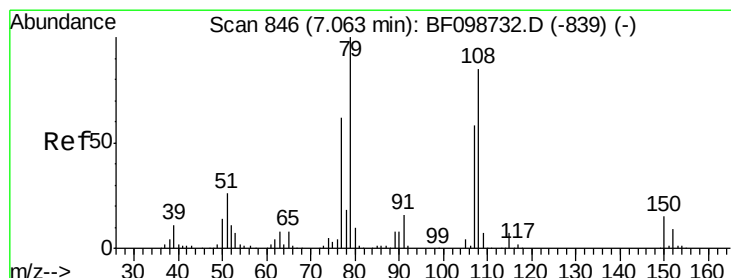
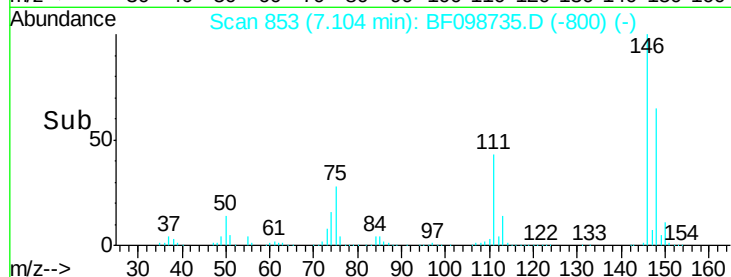
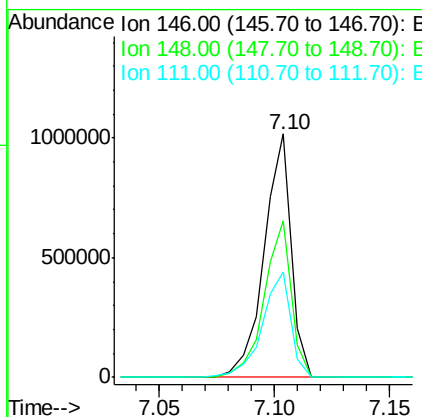
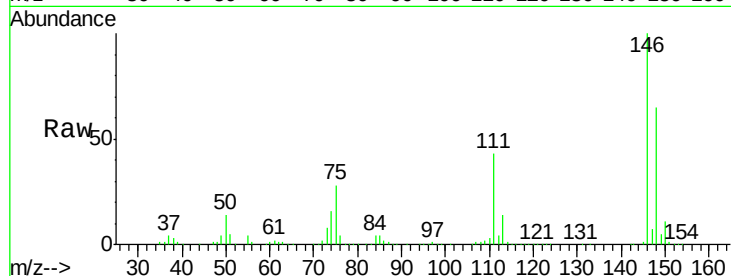
#14
1,2-Dichlorobenzene
Concen: 66.98 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	831680		
148	64.5	50.6	75.8	
111	43.3	36.0	54.0	

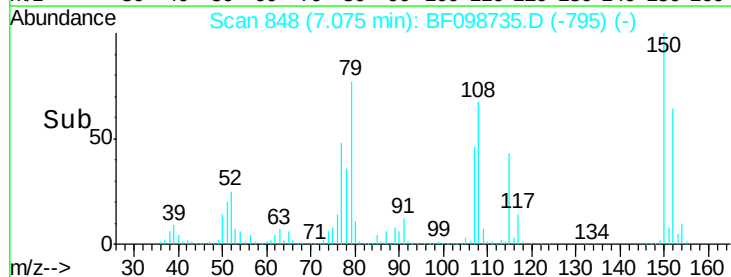
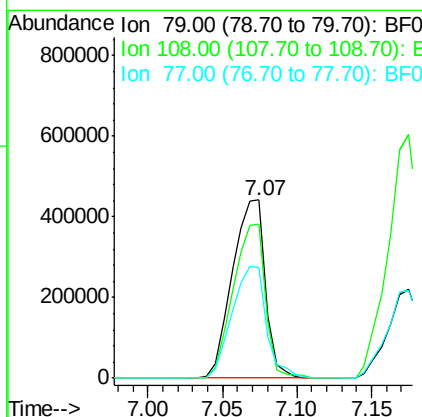
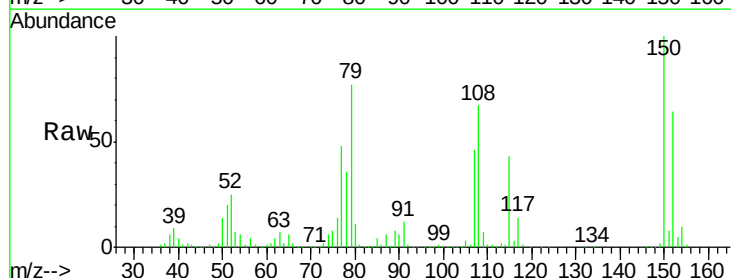
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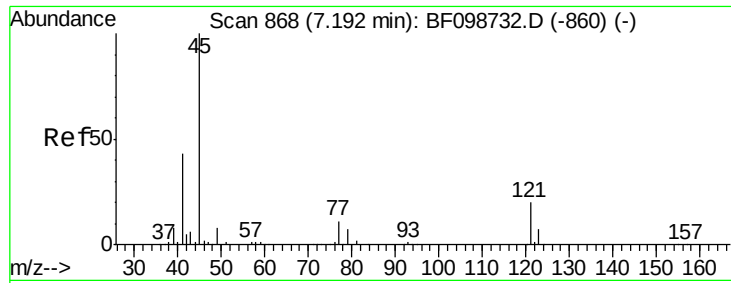
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#15
Benzyl Alcohol
Concen: 68.04 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	681642		
108	86.5	65.1	97.7	
77	62.1	50.6	75.8	





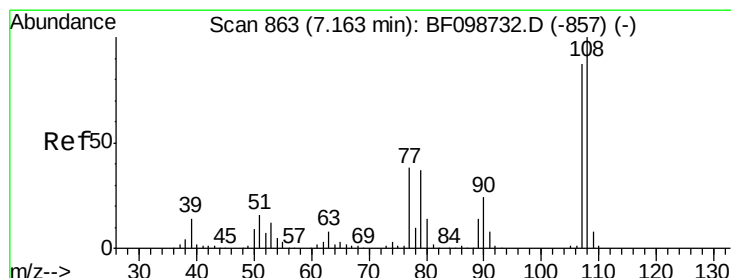
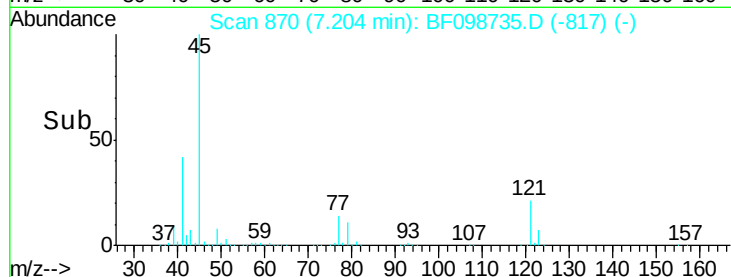
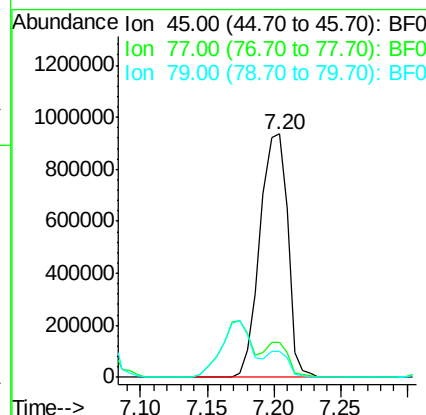
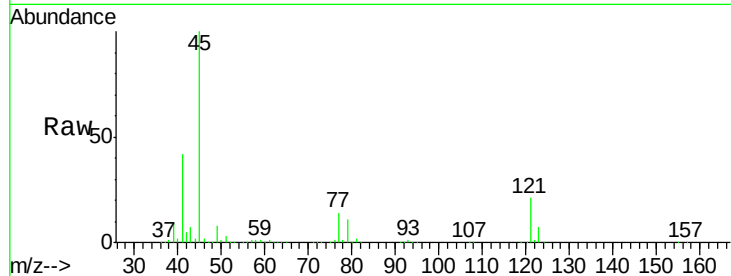
#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.34 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 45 Resp: 1342157
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 10.9 0.0 29.6

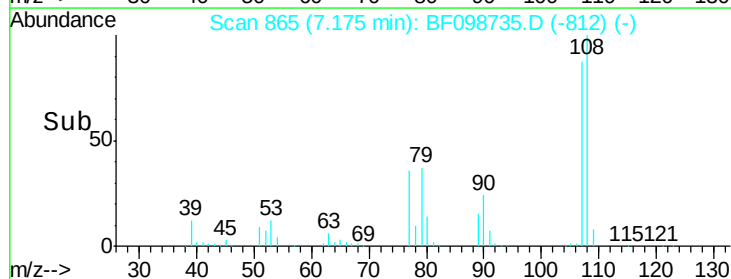
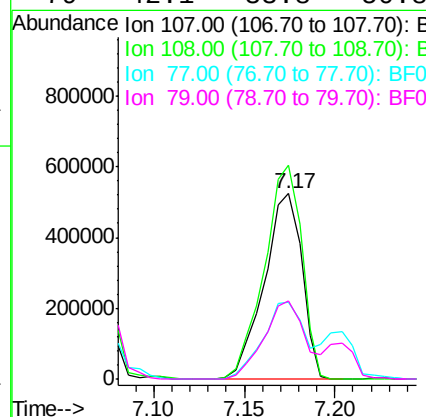
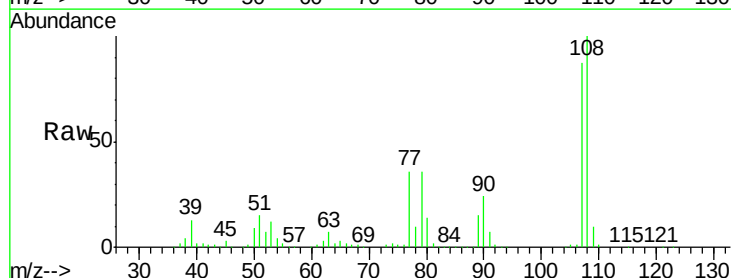
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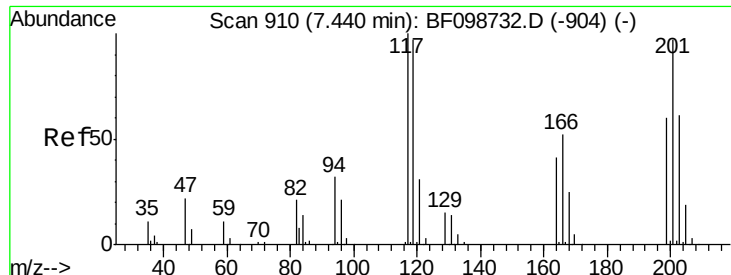
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#17
2-Methylphenol
Concen: 75.01 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion: 107 Resp: 761277
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 41.6 33.8 50.8
79 42.1 33.8 50.8





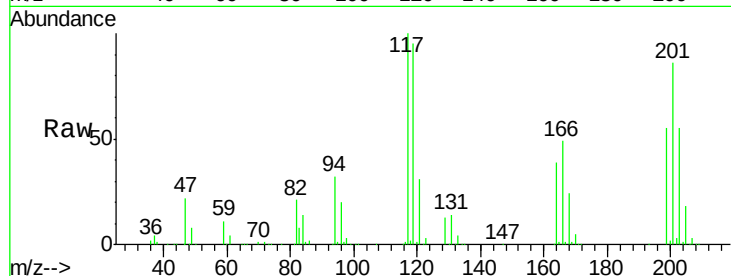
#18
Hexachloroethane
Concen: 76.03 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampled :
SSTDIC080

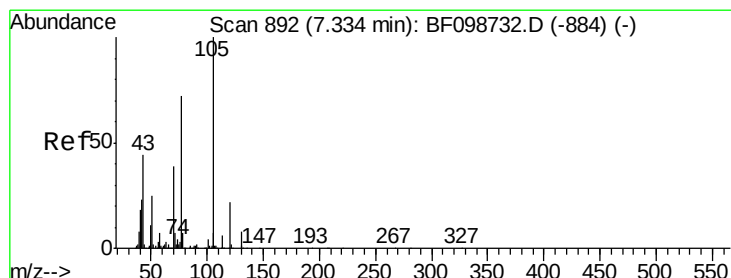
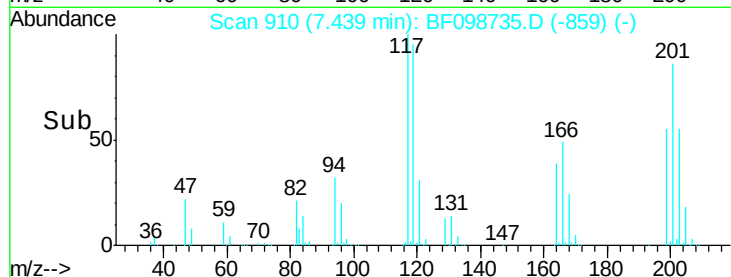
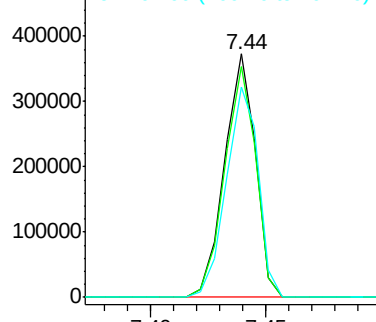
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	348537		
119	94.8	75.8	113.8	
201	86.5	75.7	113.5	

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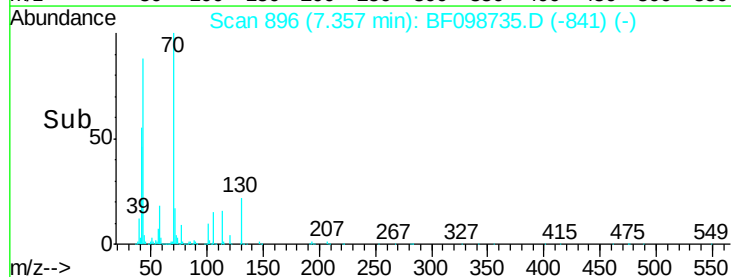
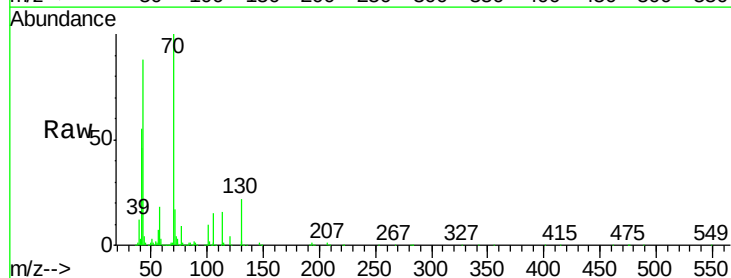
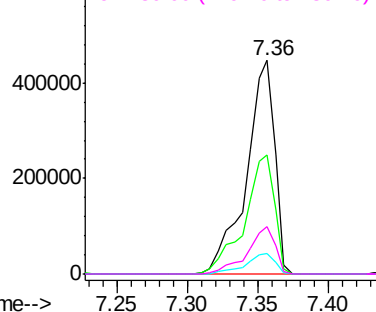
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

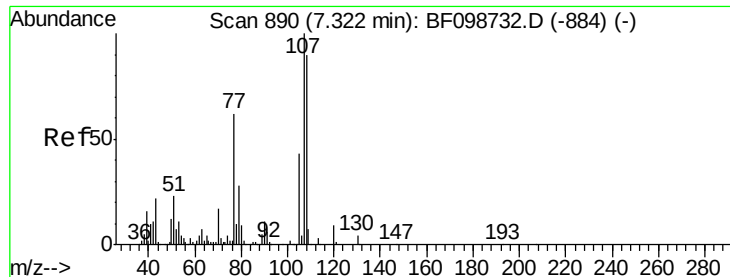


#19
n-Nitroso-di-n-propylamine
Concen: 72.93 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	627318		
42	55.5	47.5	71.3	
101	9.7	7.4	11.2	
130	22.2	16.6	25.0	

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 66.53 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 870595
Ion Ratio Lower Upper

107 100

108 90.3 68.2 108.2

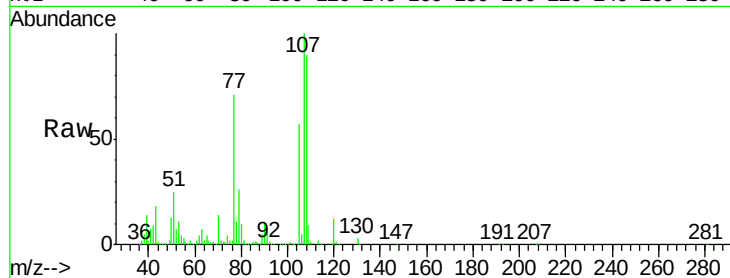
77 70.8 26.7 66.7#

79 26.4 6.3 46.3

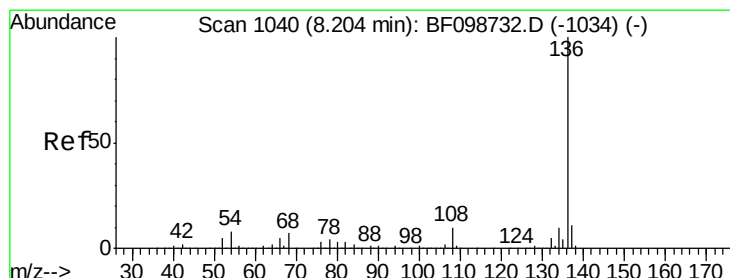
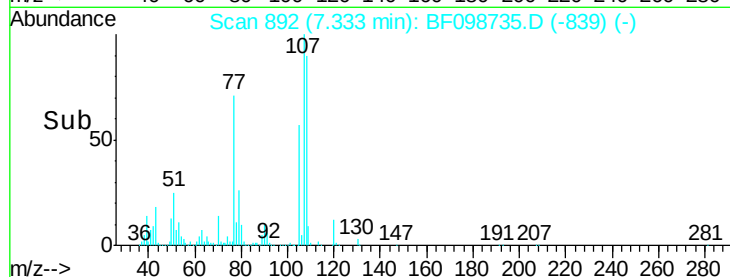
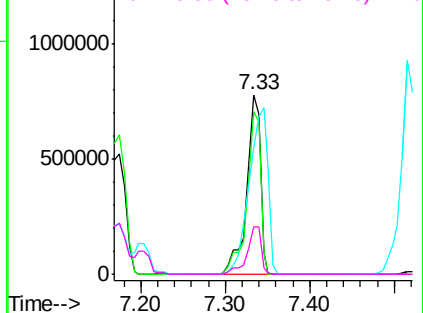
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:136 Resp: 729692
Ion Ratio Lower Upper

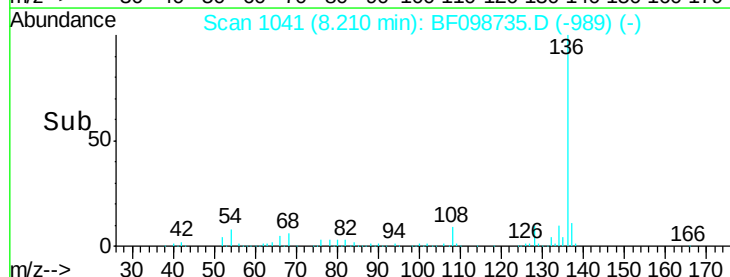
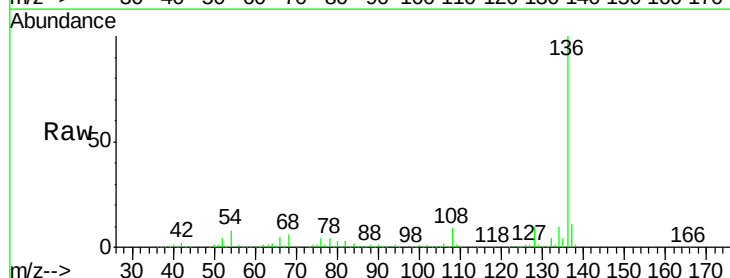
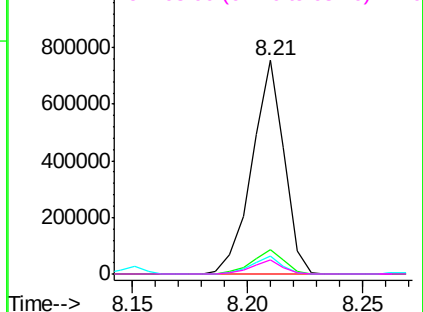
136 100

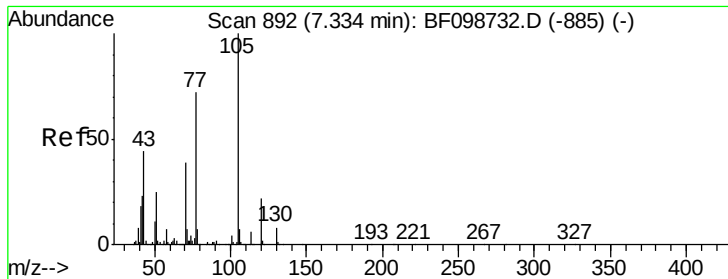
137 11.2 8.9 13.3

54 8.1 6.6 9.8

68 6.3 5.0 7.4

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





#22

Acetophenone

Concen: 67.21 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF098735.D

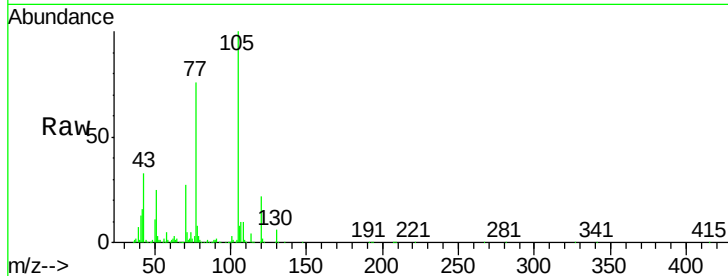
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 105 Resp: 1213216

Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

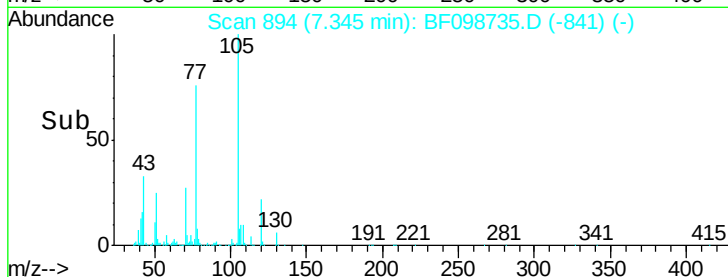
51 25.4 22.3 33.5

120 21.7 16.9 25.3

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Abundance Ion 105.00 (104.70 to 105.70): E

1500000 Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

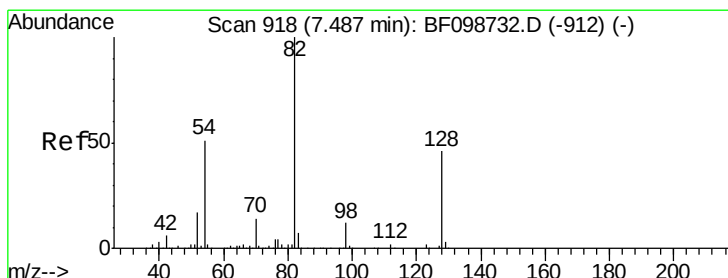
1000000

7.35

500000

0

Time--> 7.25 7.30 7.35 7.40



#23

Nitrobenzene-d5

Concen: 158.77 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

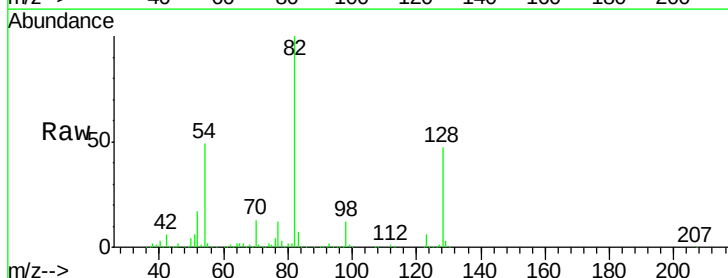
Tgt Ion: 82 Resp: 1707958

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

54 49.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

1500000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

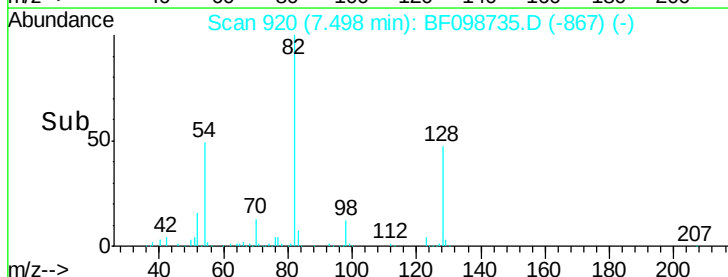
1000000

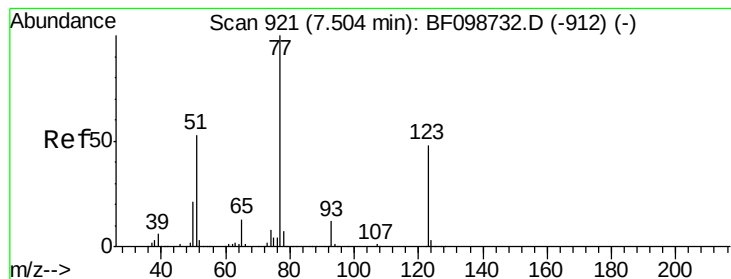
7.50

500000

0

Time--> 7.45 7.50 7.55





#24

Nitrobenzene

Concen: 76.71 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

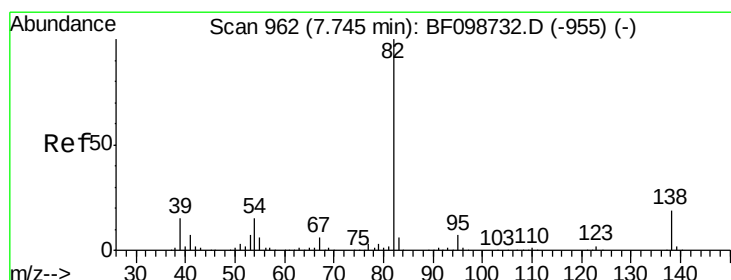
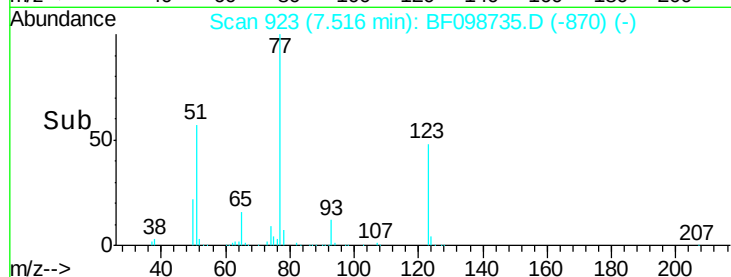
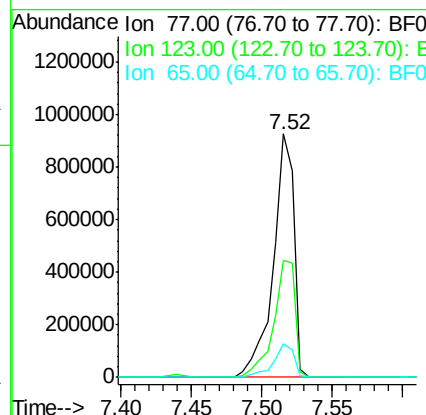
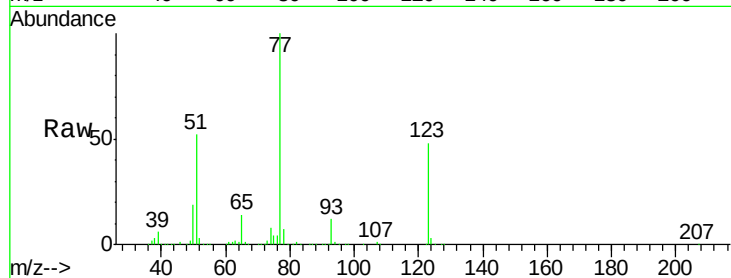
ClientSampleId :

SSTDIC080

Tgt Ion:	77	Resp:	953049
Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.6	11.0	16.4

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#25

Isophorone

Concen: 77.57 ng

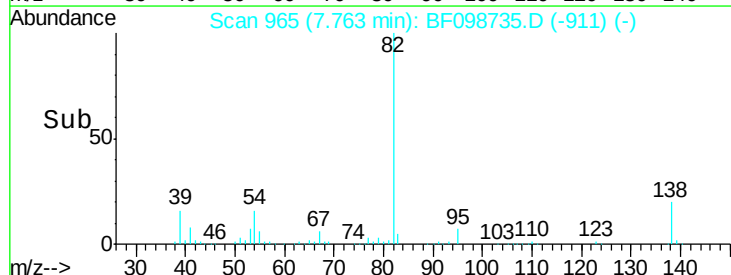
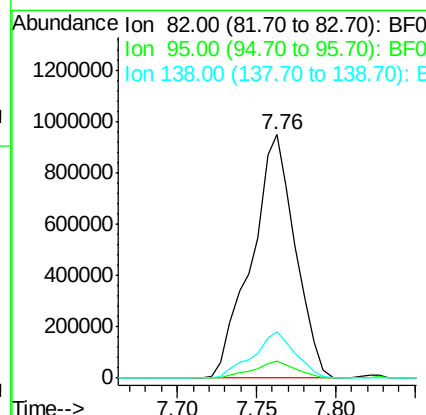
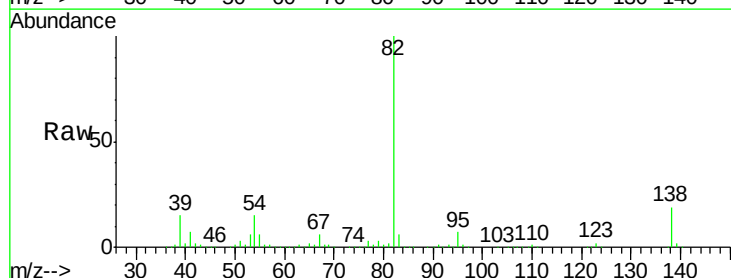
RT: 7.76 min Scan# 965

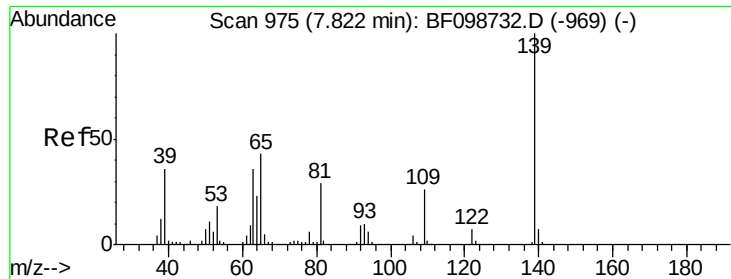
Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:	82	Resp:	1819940
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.9	14.9	22.3





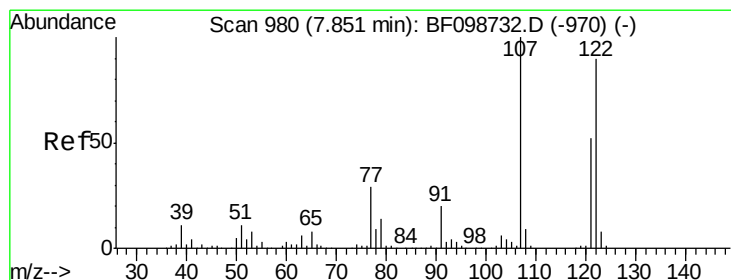
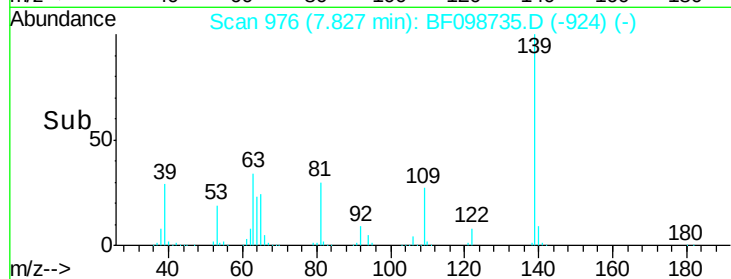
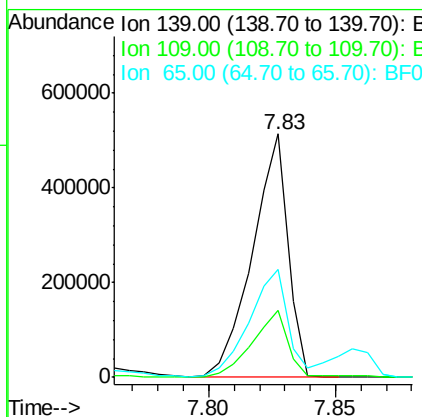
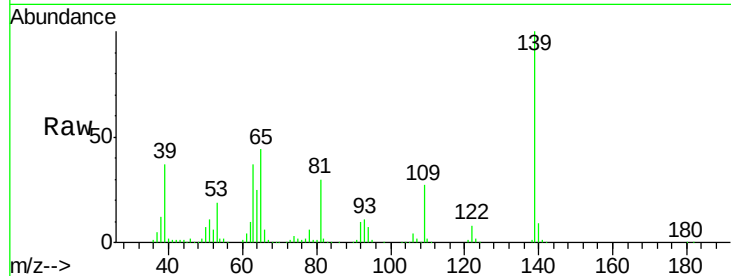
#26
 2-Nitrophenol
 Concen: 99.87 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	504345		
109	27.3	22.7	34.1	
65	44.3	40.5	60.7	

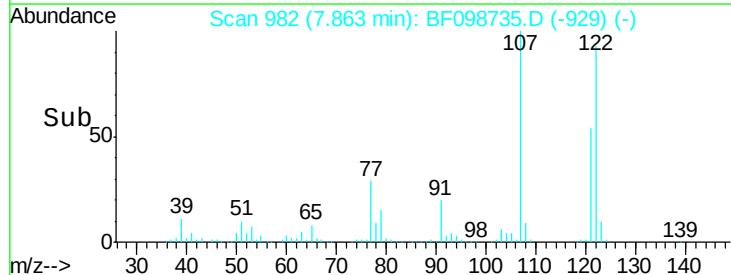
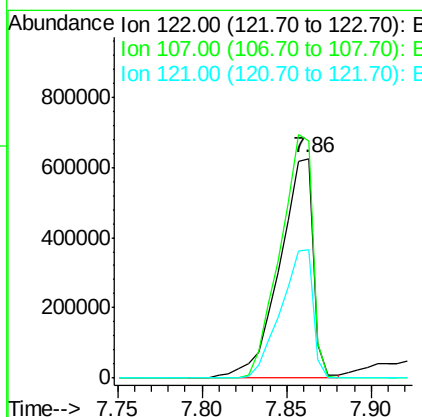
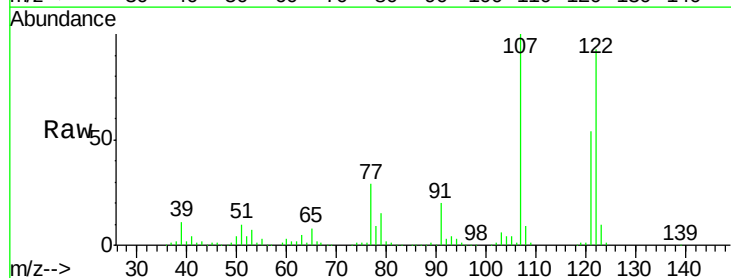
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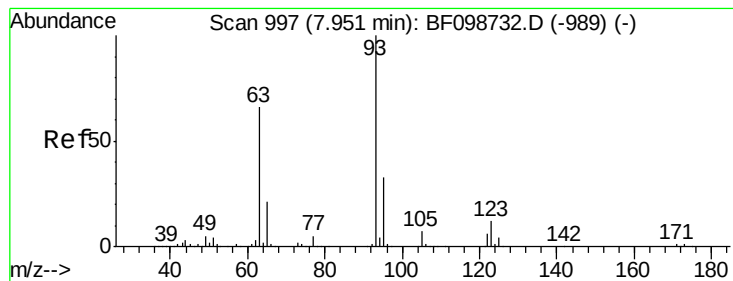
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#27
 2,4-Dimethylphenol
 Concen: 75.00 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	864132		
107	107.8	91.2	136.8	
121	58.2	47.2	70.8	





#28

bis(2-Chloroethoxy)methane

Concen: 74.79 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

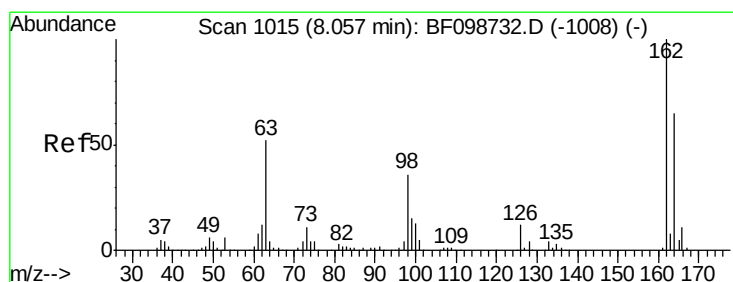
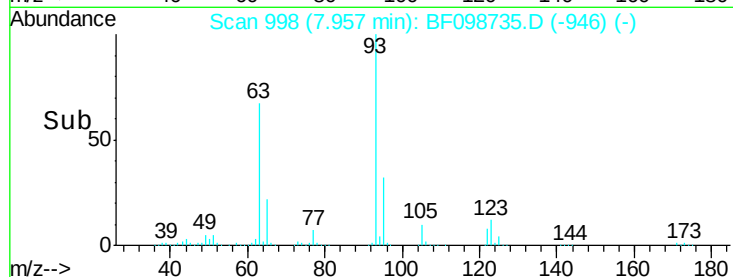
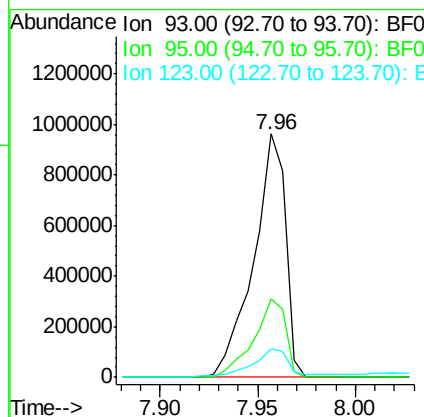
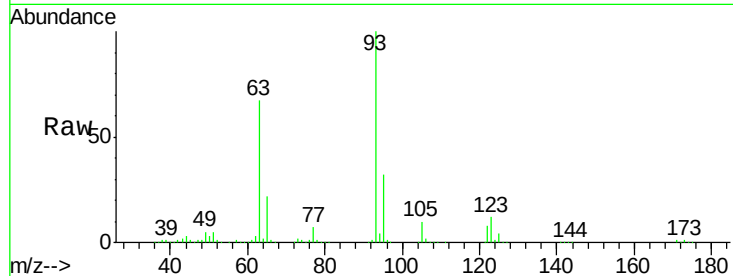
ClientSampleId :

SSTDIC080

Tgt Ion:	93	Resp:	1091811
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.9	9.8	14.6

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 76.27 ng

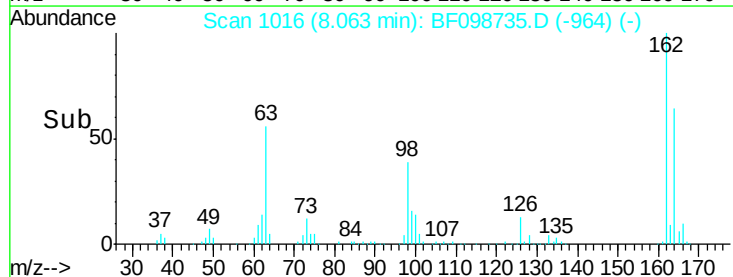
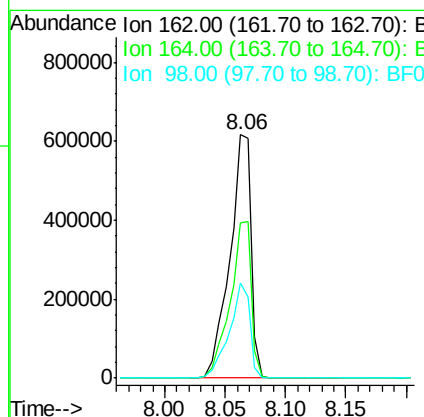
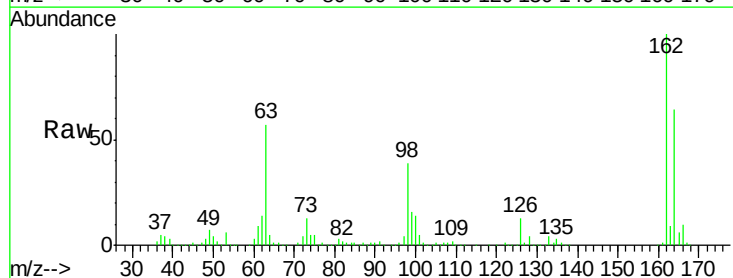
RT: 8.06 min Scan# 1016

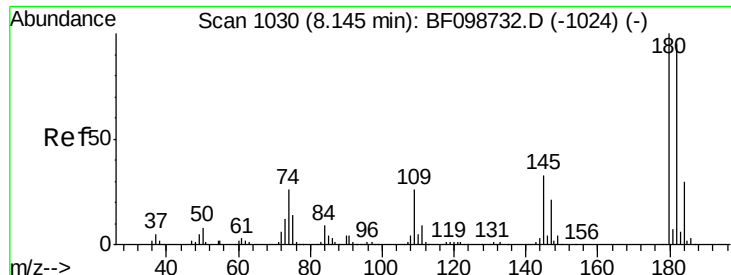
Delta R.T. 0.01 min

Lab File: BF098735.D

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Tgt Ion:	162	Resp:	755957
Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	38.9	18.1	58.1





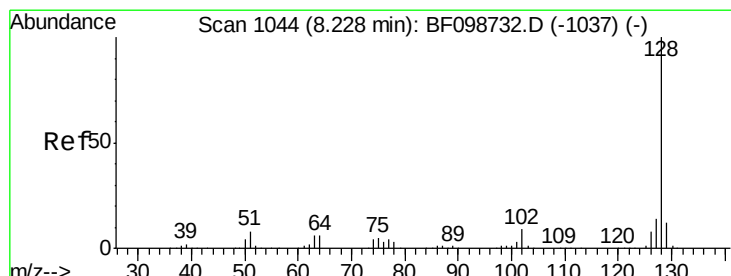
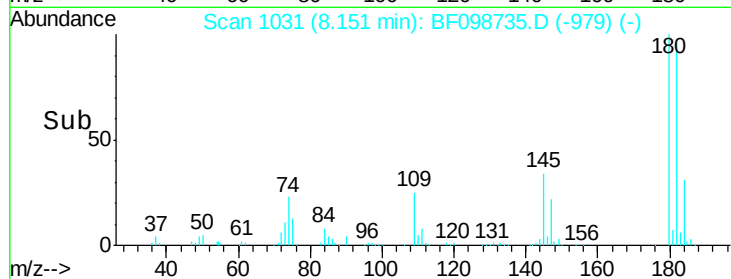
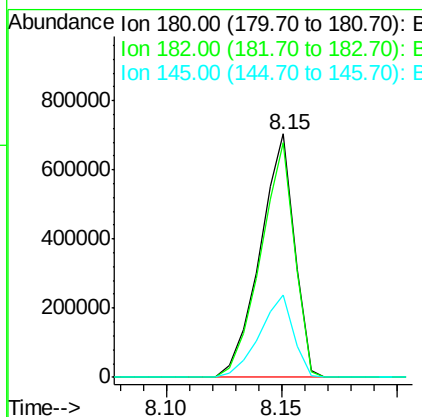
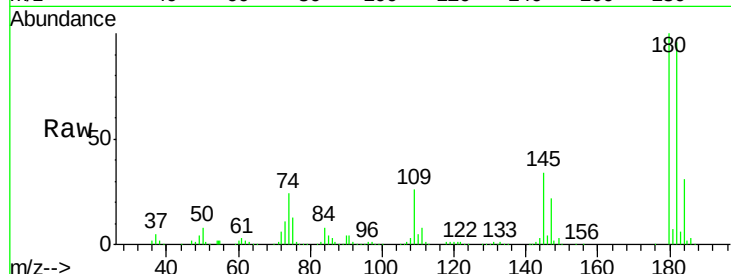
#30
 1,2,4-Trichlorobenzene
 Concen: 72.84 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	34.0	26.5	39.7

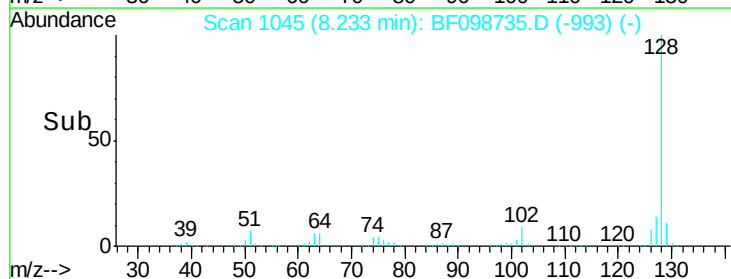
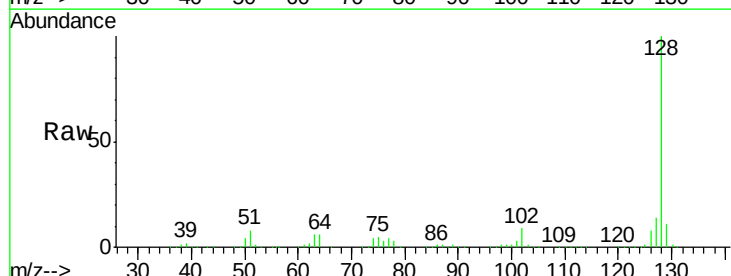
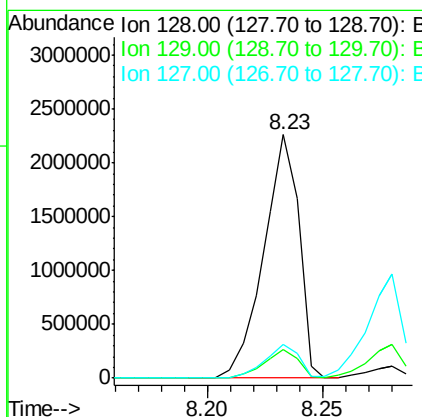
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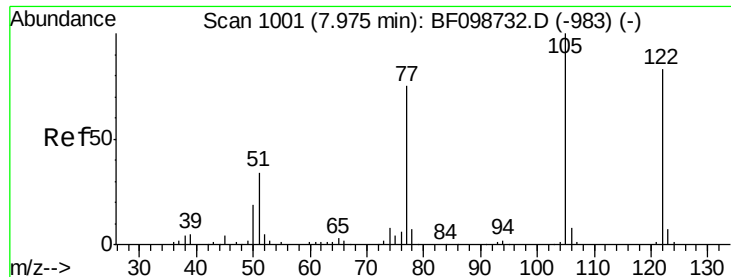
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#31
 Naphthalene
 Concen: 69.19 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.1	10.9	16.3





#32

Benzoic acid

Concen: 133.42 ng m

RT: 8.03 min Scan# 1010

Delta R.T. 0.05 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

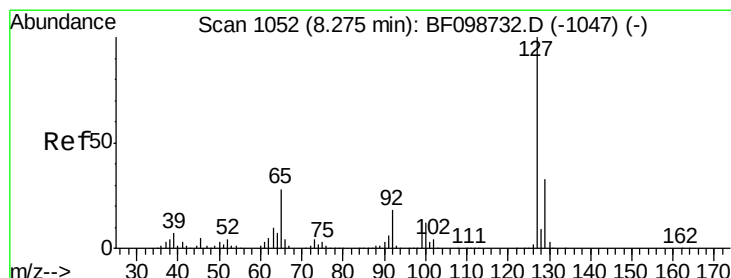
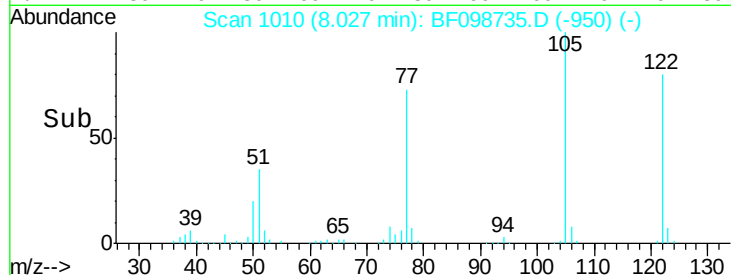
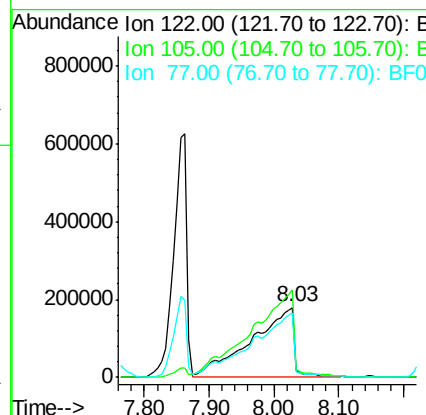
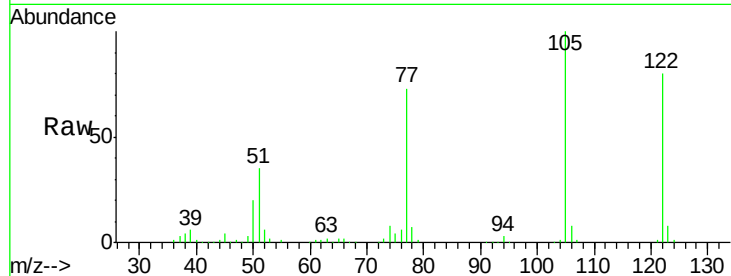
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	821400		
105	124.7	101.1	141.1	
77	91.4	70.7	110.7	

Manual Integrations
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#33

4-Chloroaniline

Concen: 70.61 ng

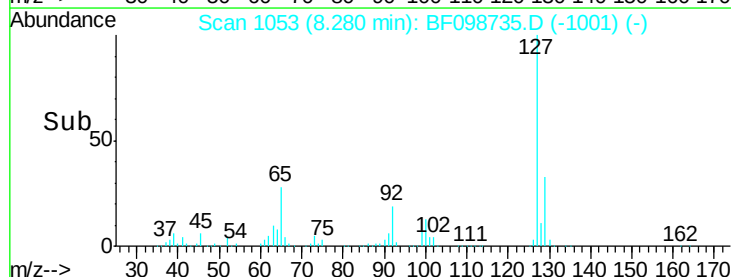
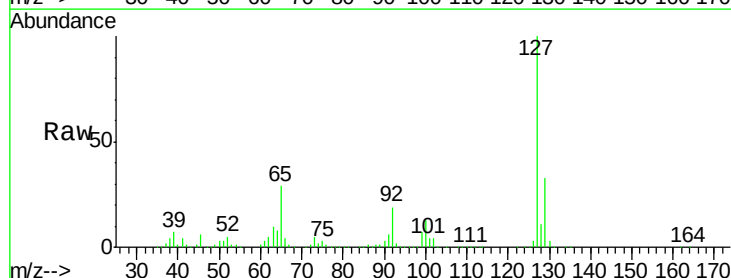
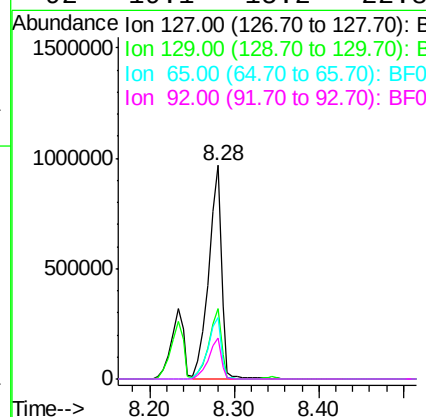
RT: 8.28 min Scan# 1053

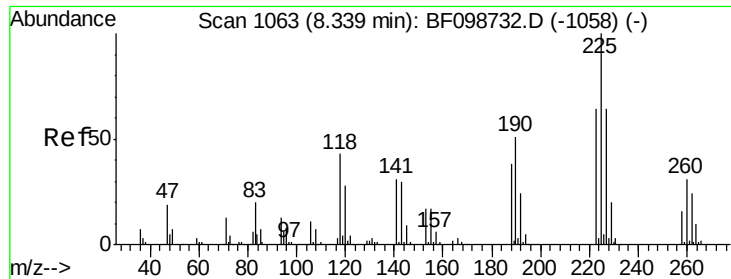
Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	1016687		
129	32.9	25.9	38.9	
65	28.6	25.0	37.4	
92	19.1	15.2	22.8	





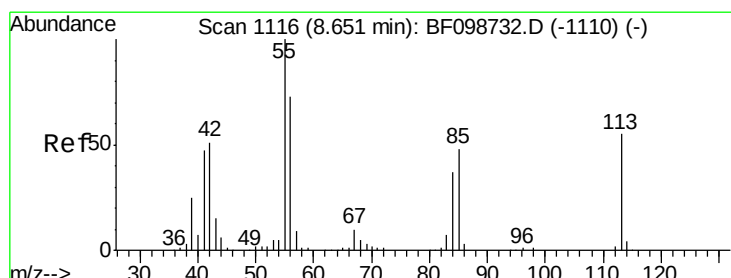
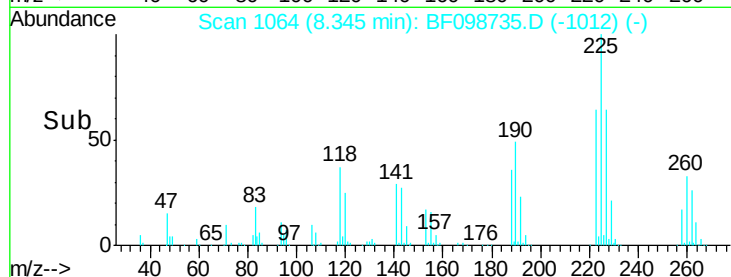
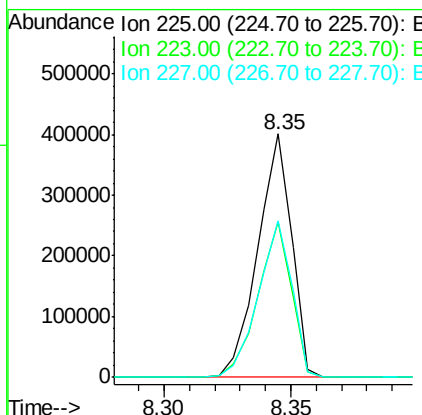
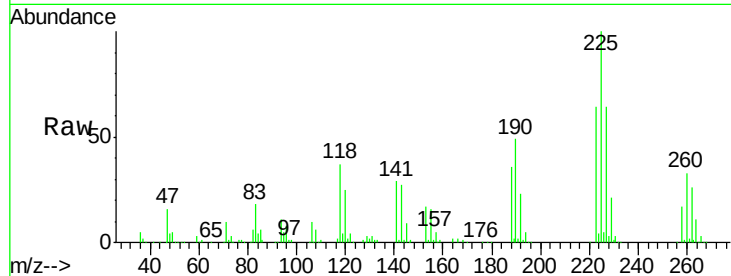
#34
Hexachlorobutadiene
Concen: 69.46 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.3	51.9	77.9

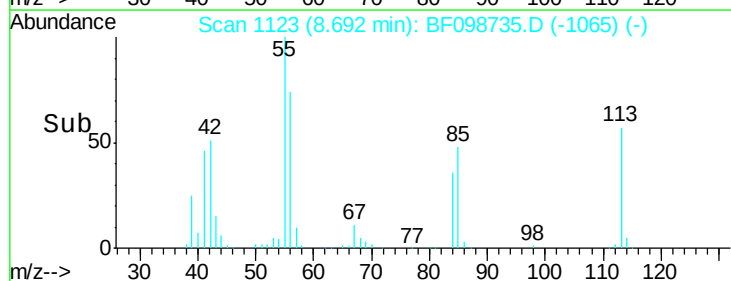
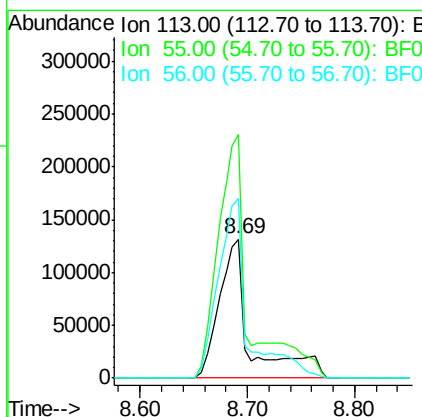
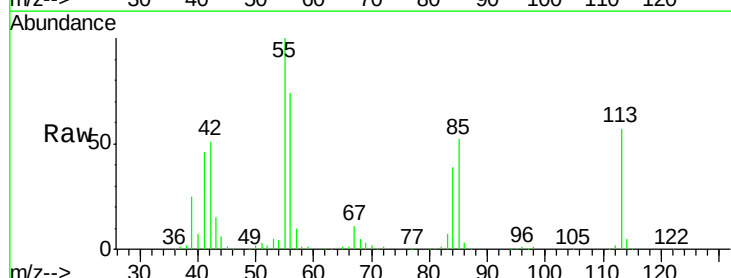
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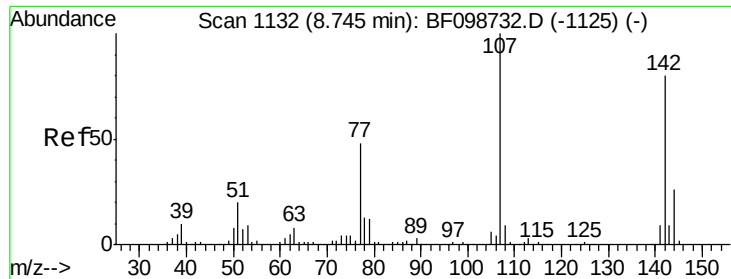
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#35
Caprolactam
Concen: 86.04 ng m
RT: 8.69 min Scan# 1123
Delta R.T. 0.04 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.1	163.3	203.3
56	129.5	115.7	155.7





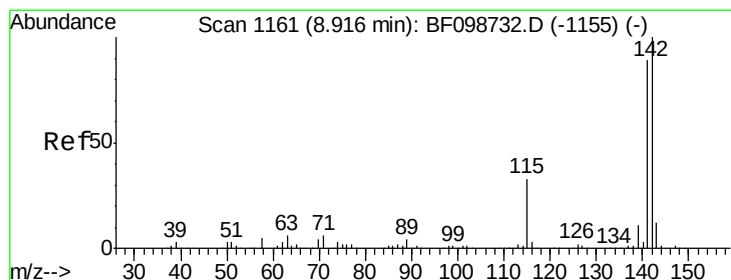
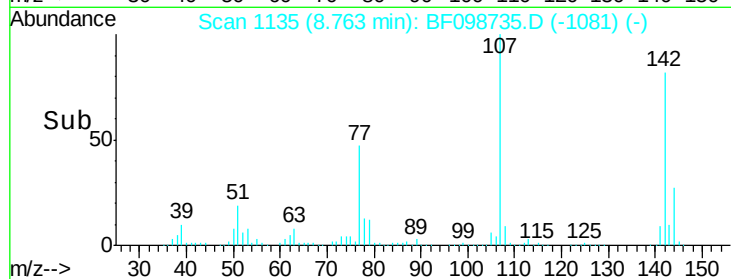
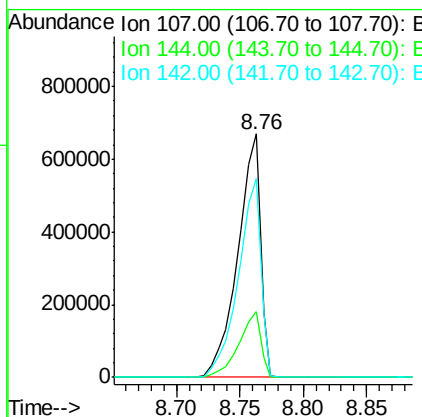
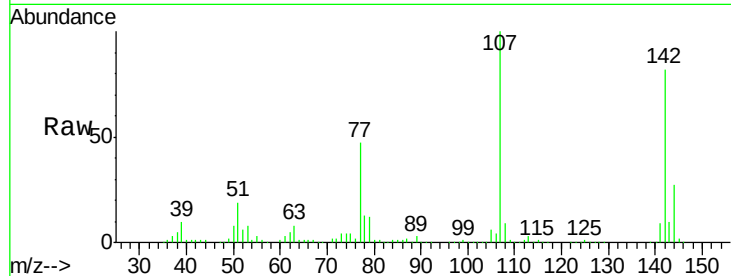
#36
 4-Chloro-3-methylphenol
 Concen: 73.26 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. 0.02 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	828779		
144	27.2	20.5	30.7	
142	81.9	62.0	93.0	

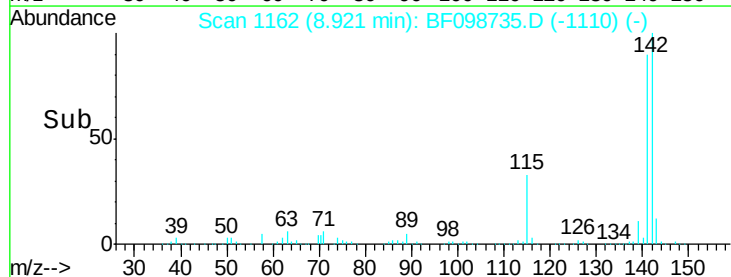
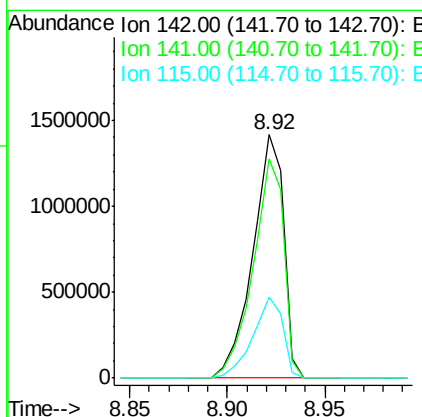
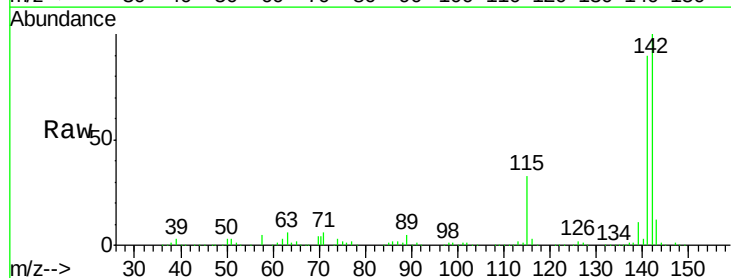
Manual Integrations
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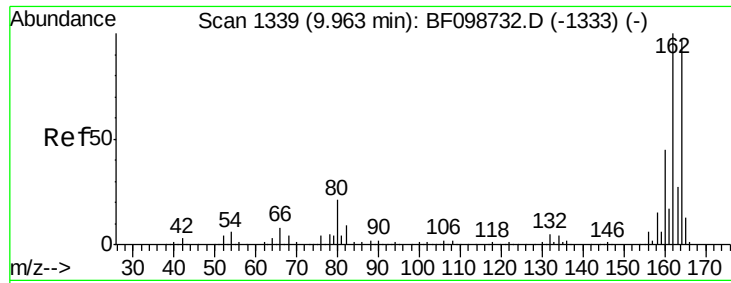
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#37
 2-Methylnaphthalene
 Concen: 69.65 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1548801		
141	89.8	70.8	106.2	
115	33.3	26.1	39.1	





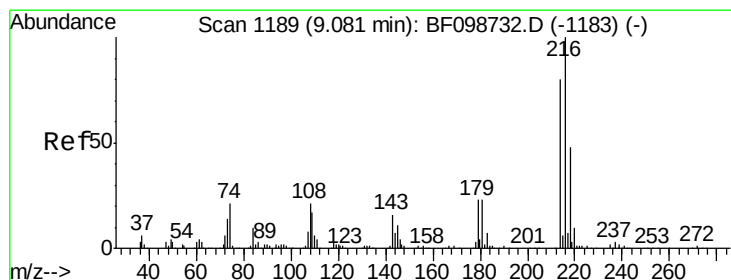
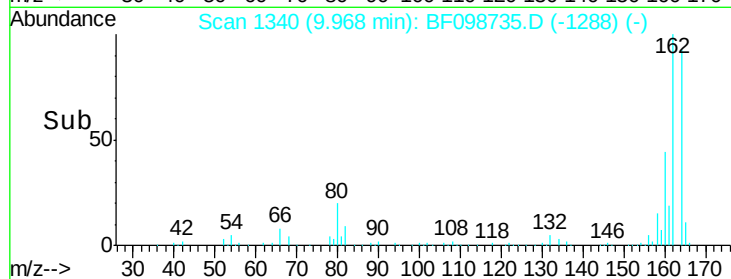
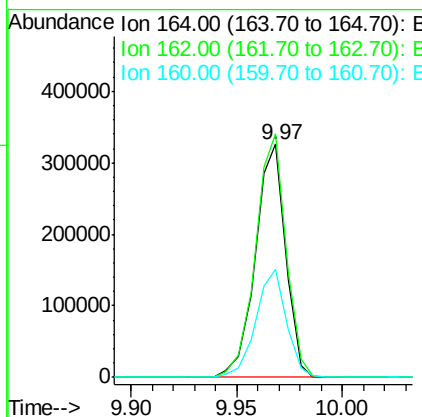
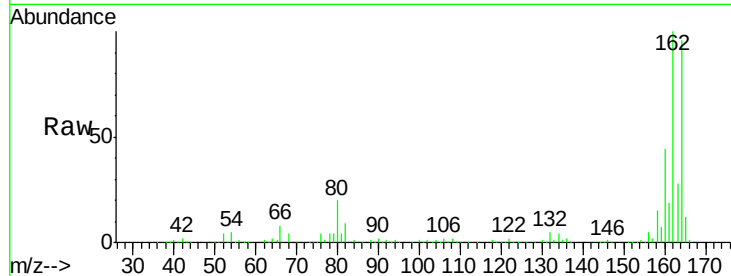
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	324393		
162	104.6	86.1	129.1	
160	46.3	38.3	57.5	

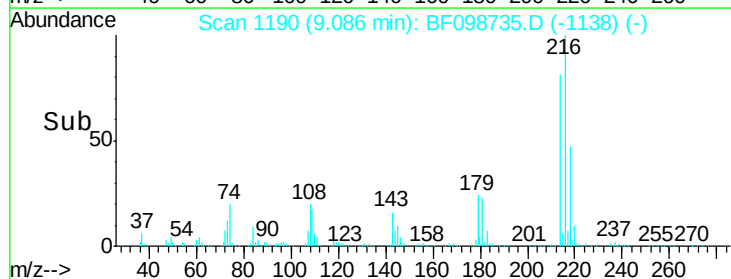
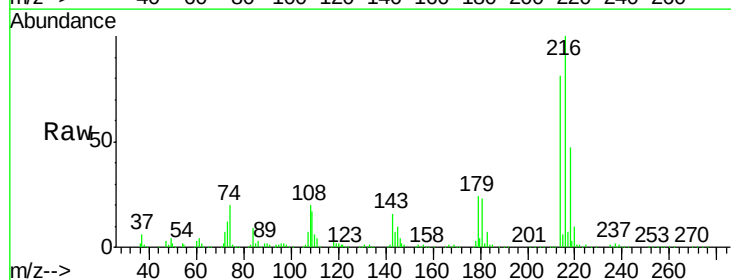
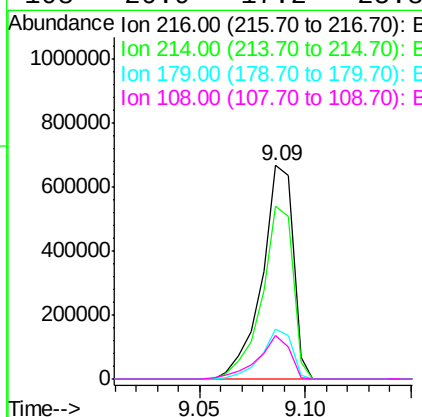
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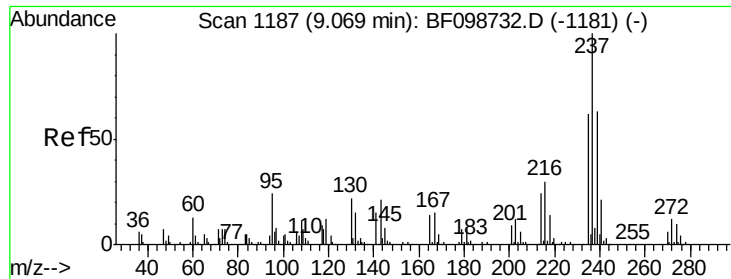
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 71.54 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	686337		
214	80.1	63.0	94.4	
179	22.9	18.1	27.1	
108	20.9	17.2	25.8	





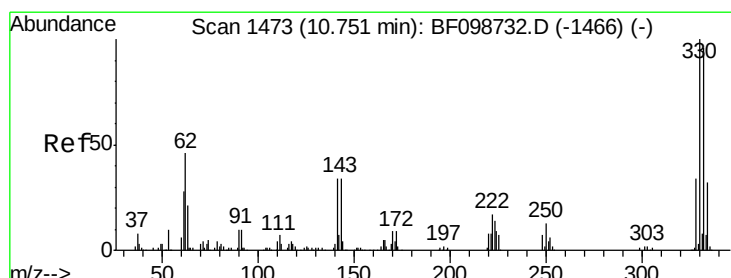
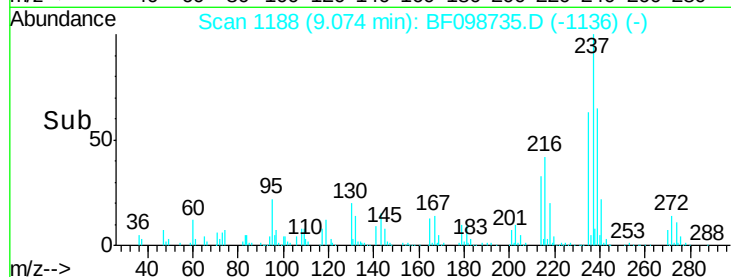
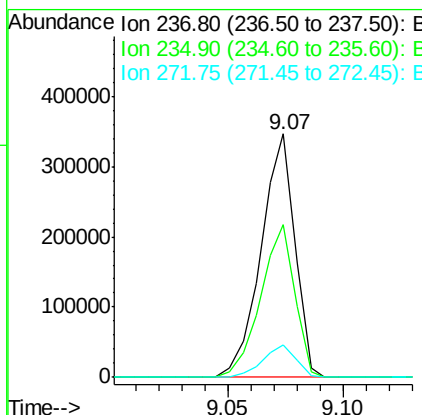
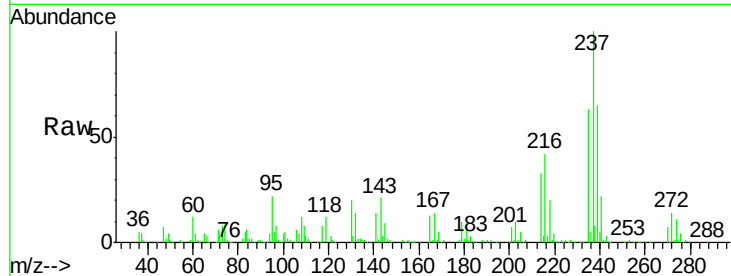
#40
Hexachlorocyclopentadiene
Concen: 84.79 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	44.8	84.8
272	13.5	0.0	33.3

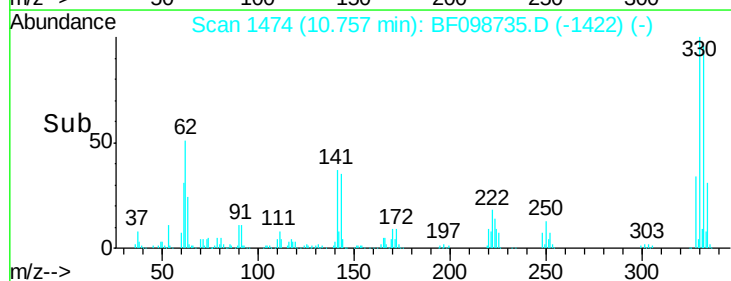
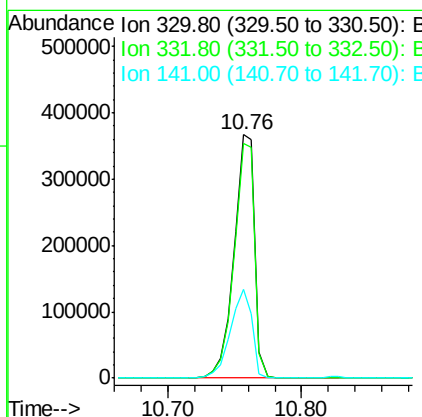
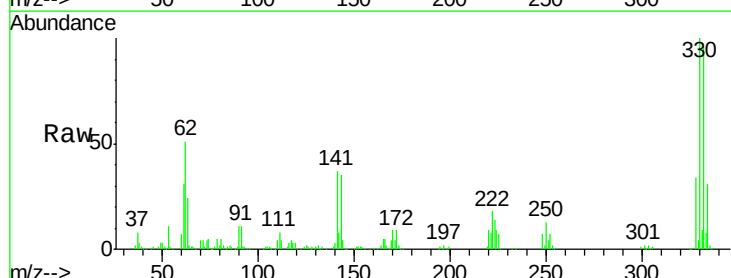
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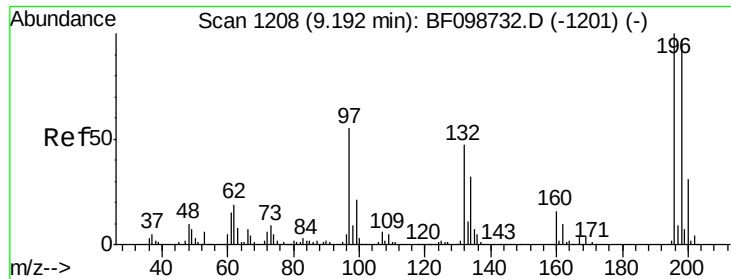
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#41
2,4,6-Tribromophenol
Concen: 134.17 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	77.0	115.6
141	38.6	29.9	44.9





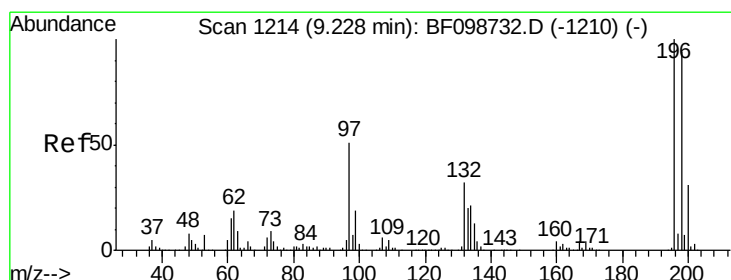
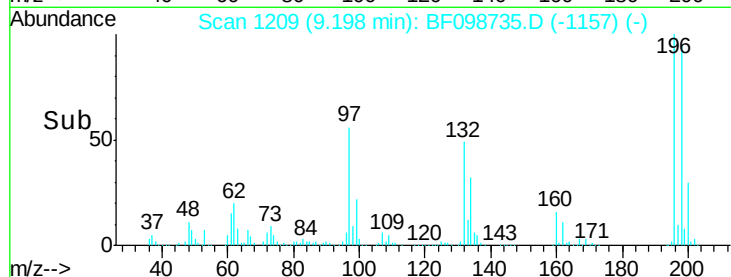
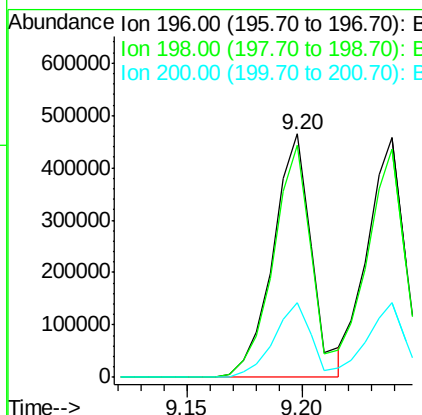
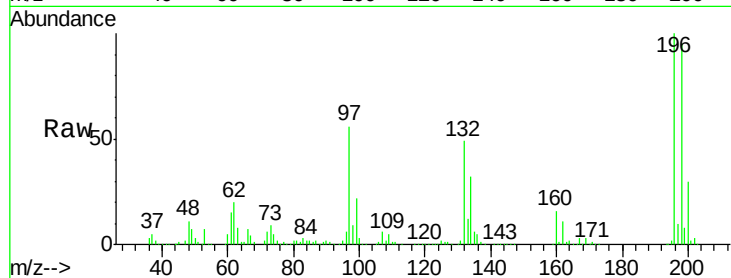
#42
 2,4,6-Trichlorophenol
 Concen: 83.31 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	538629		
198	95.3	75.7	113.5	
200	30.4	24.5	36.7	

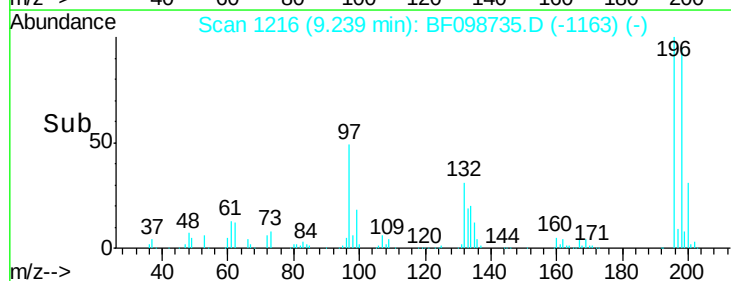
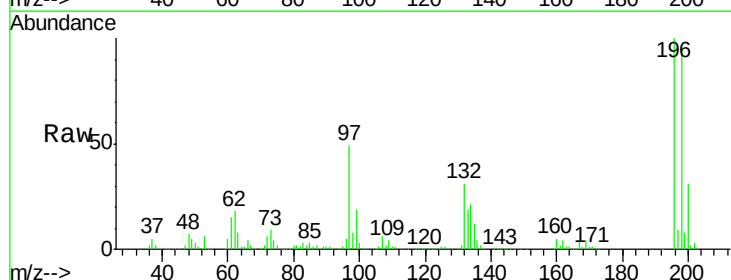
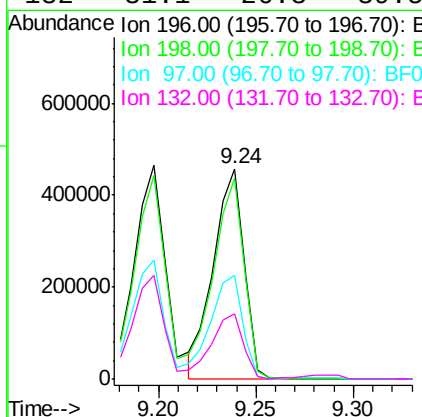
Manual Integrations
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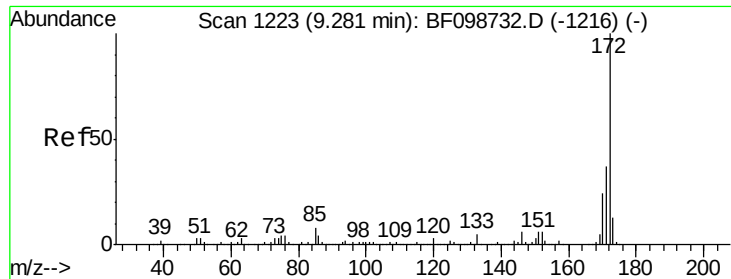
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#43
 2,4,5-Trichlorophenol
 Concen: 75.34 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	499480		
198	95.1	74.6	112.0	
97	49.2	42.9	64.3	
132	31.1	26.3	39.5	





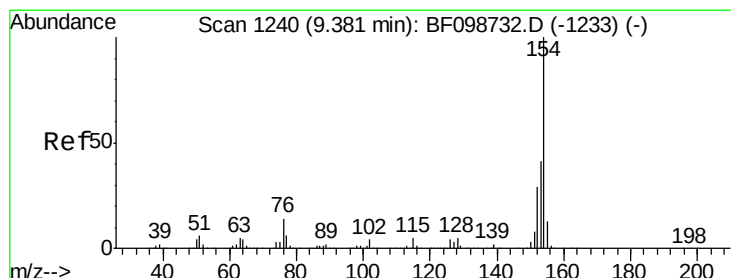
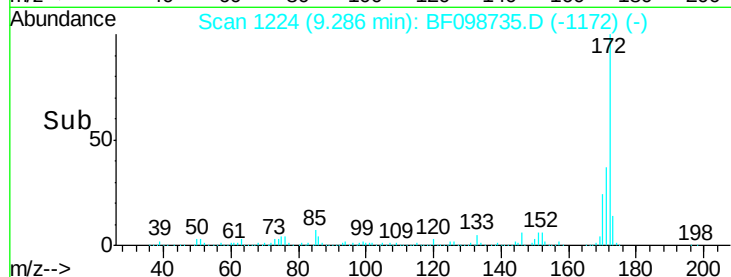
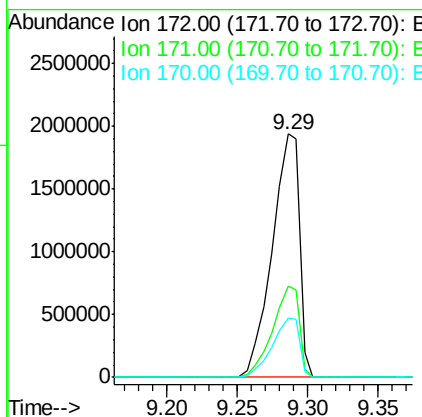
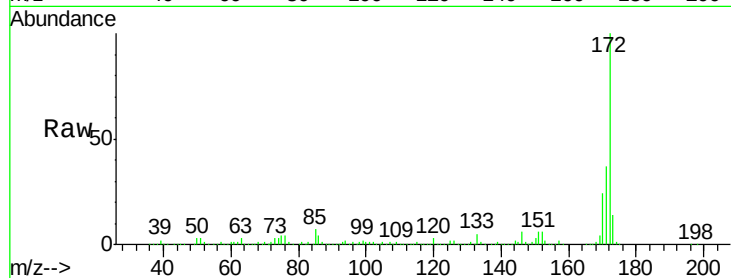
#44
2-Fluorobiphenyl
Concen: 128.86 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tgt Ion:172 Resp: 2626945
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.4 19.6 29.4

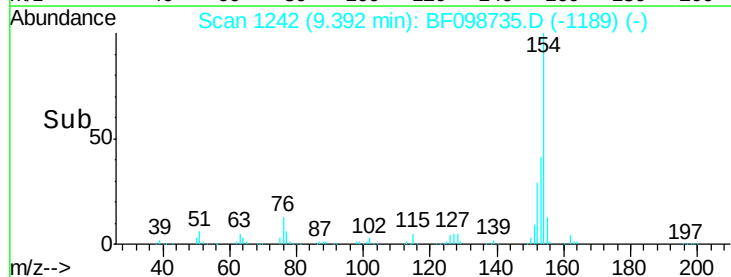
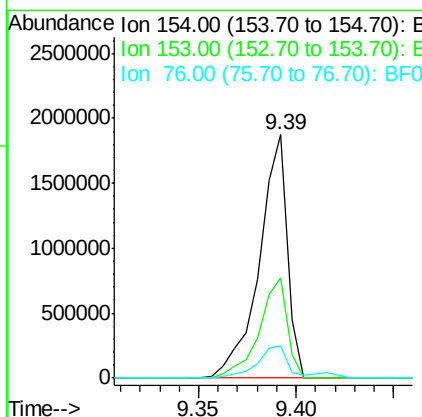
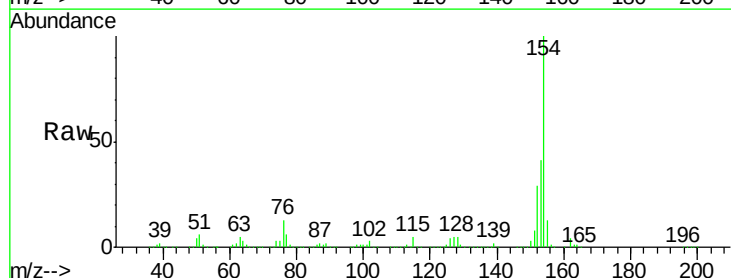
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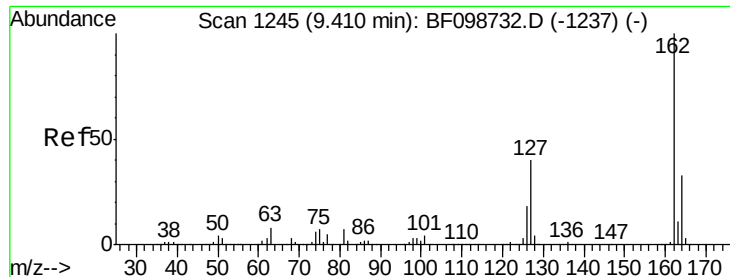
Sohil
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#45
1,1'-Biphenyl
Concen: 67.06 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:154 Resp: 1868828
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 13.3 0.0 34.0





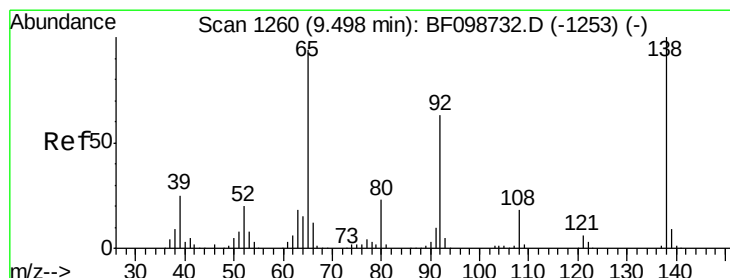
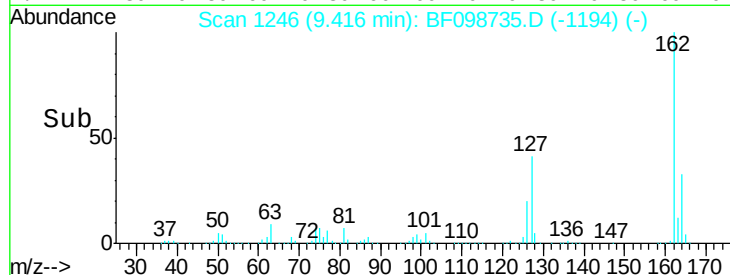
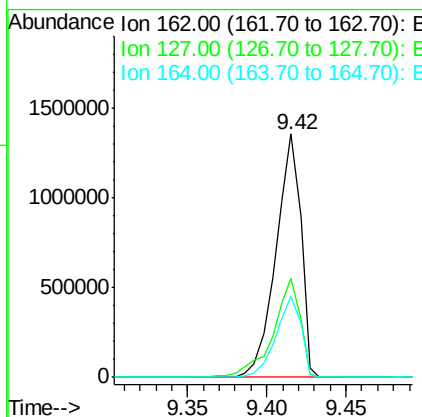
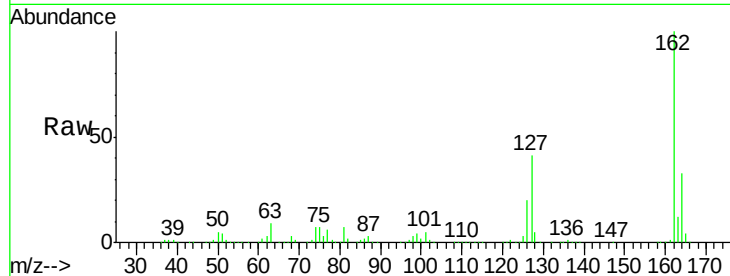
#46
2-Chloronaphthalene
Concen: 70.96 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	33.4	26.5	39.7

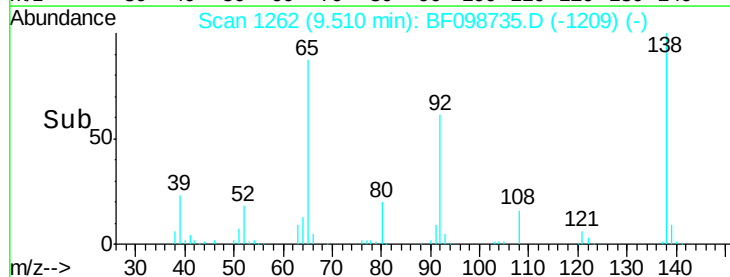
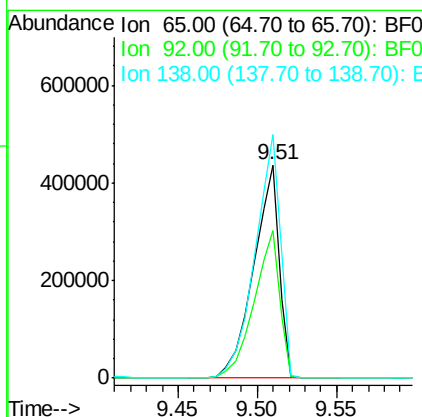
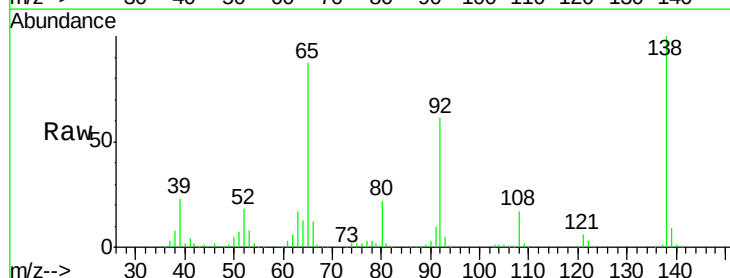
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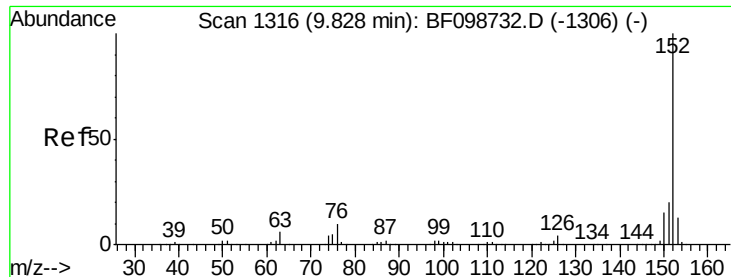
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#47
2-Nitroaniline
Concen: 83.53 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.8	83.6
138	114.4	91.2	136.8





#48

Acenaphthylene

Concen: 69.38 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 2229958

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

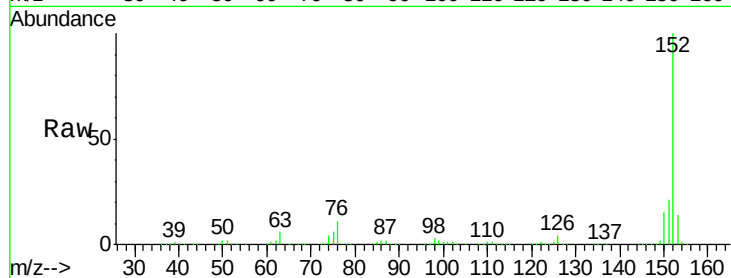
153 13.7 10.7 16.1

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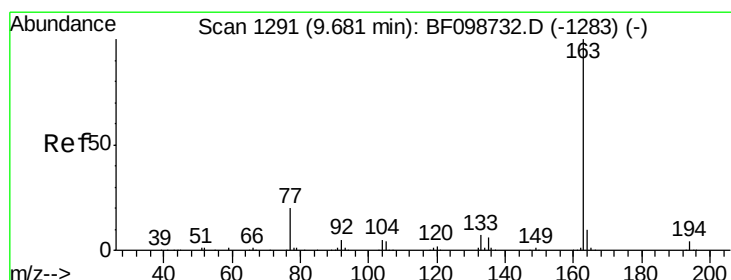
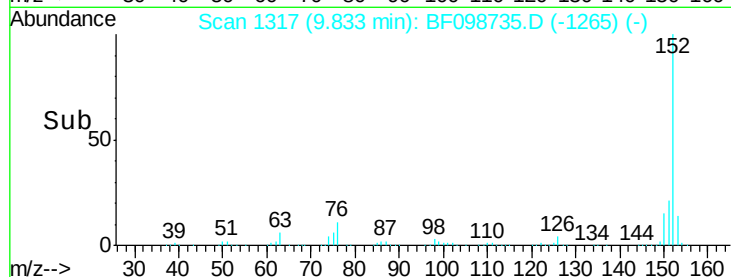
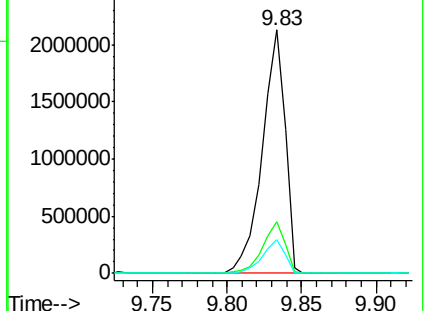
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 74.47 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

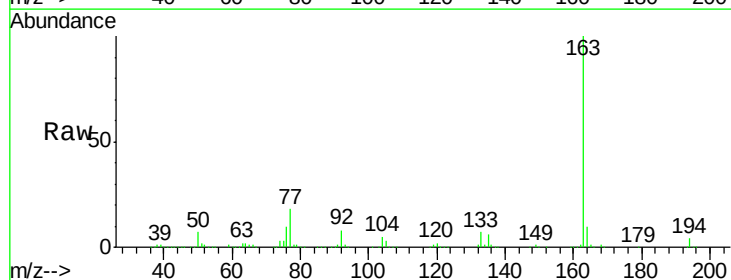
Tgt Ion:163 Resp: 1811634

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

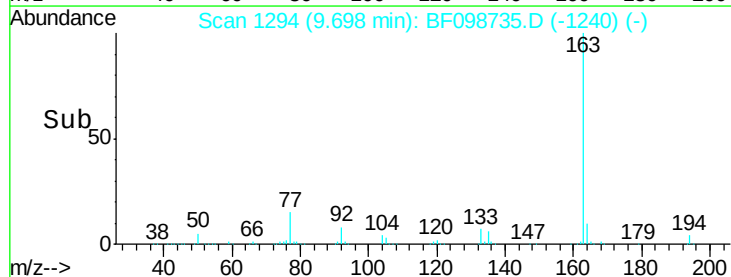
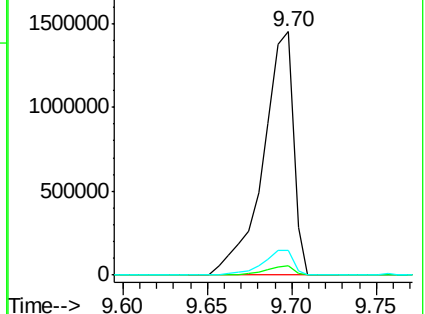
164 10.0 8.2 12.2

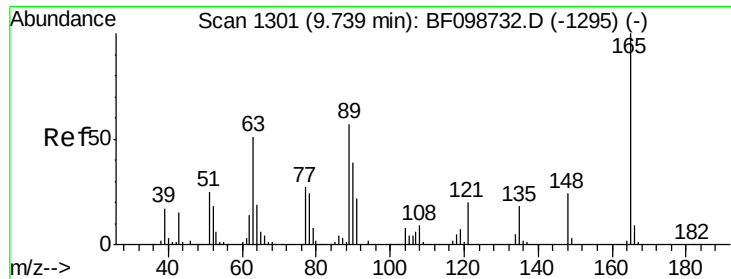


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





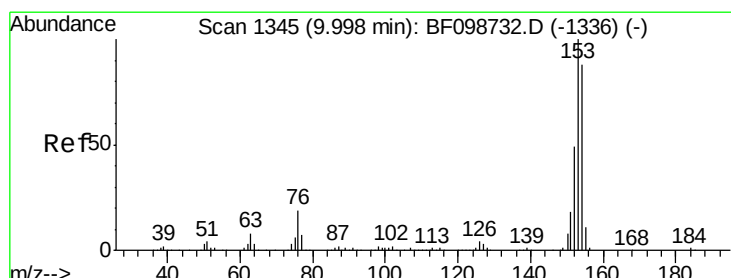
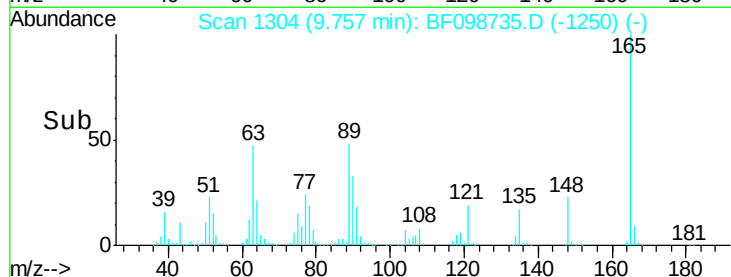
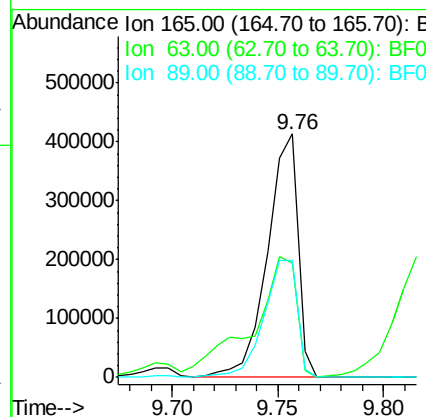
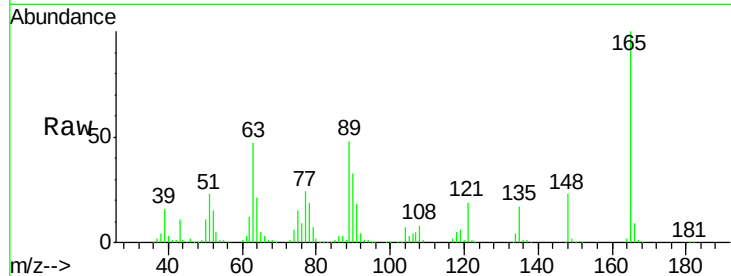
#50
2,6-Dinitrotoluene
Concen: 87.05 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.02 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	417859		
63	46.9	44.7	67.1	
89	48.1	44.0	66.0	

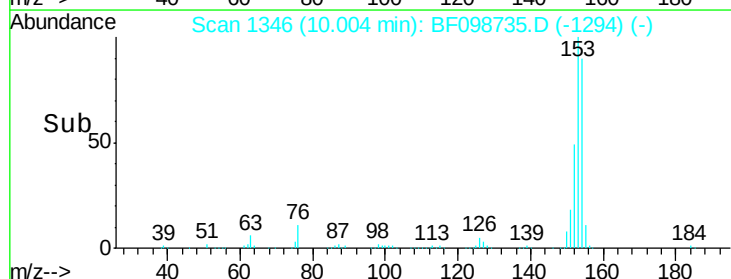
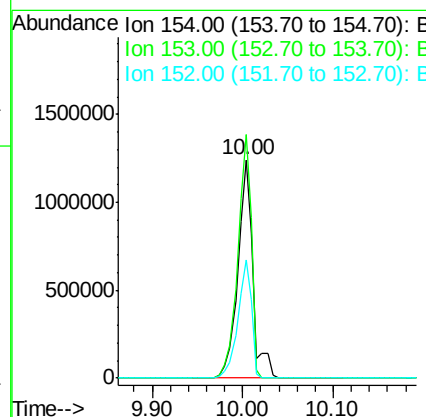
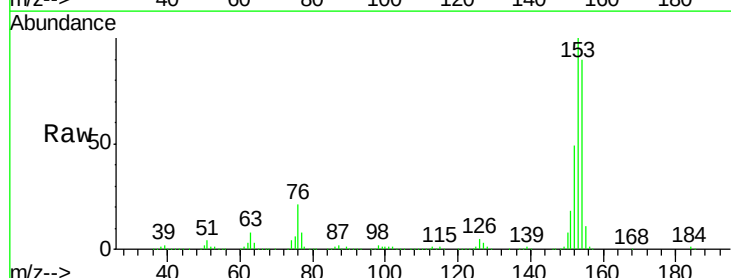
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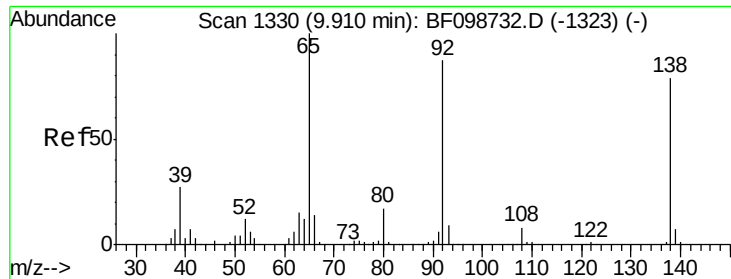
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#51
Acenaphthene
Concen: 72.09 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1438374		
153	111.6	91.2	136.8	
152	54.5	43.8	65.8	





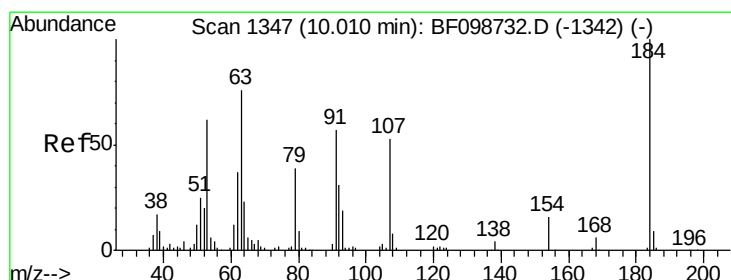
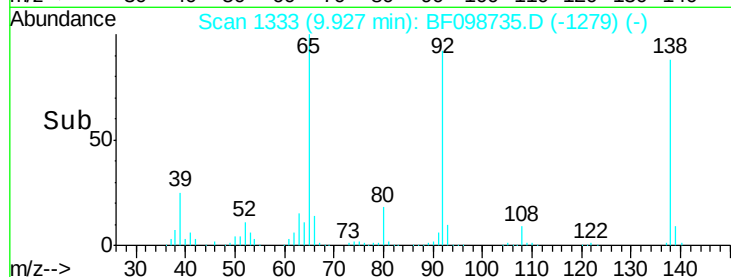
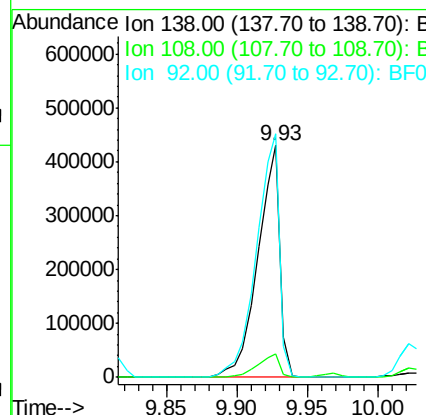
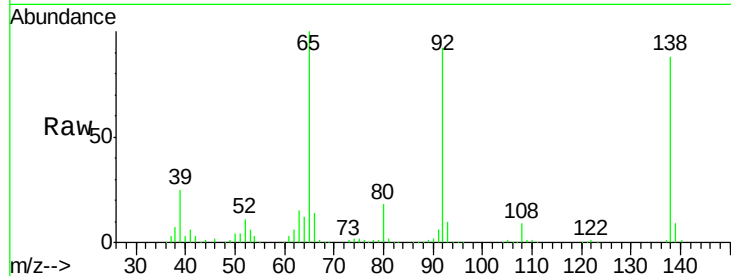
#52
 3-Nitroaniline
 Concen: 82.54 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	472344		
108	10.0	9.4	14.0	
92	105.0	89.4	134.2	

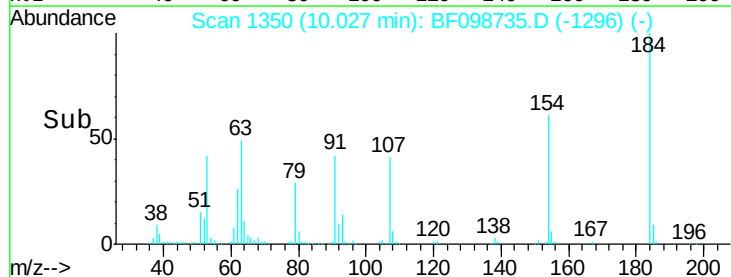
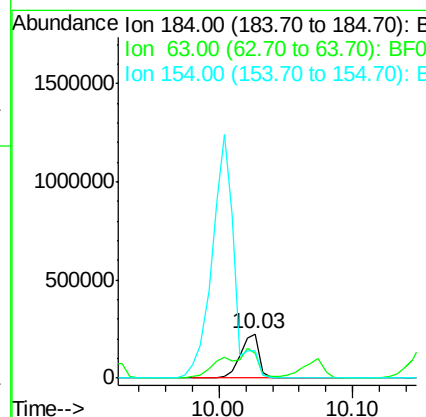
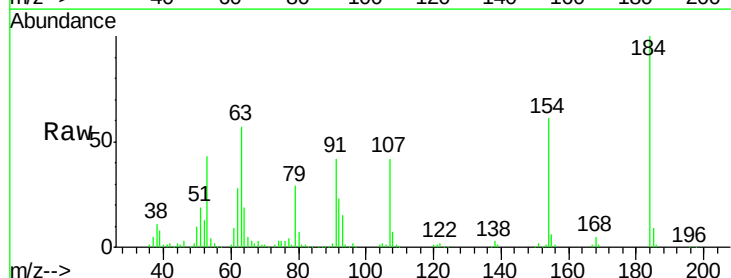
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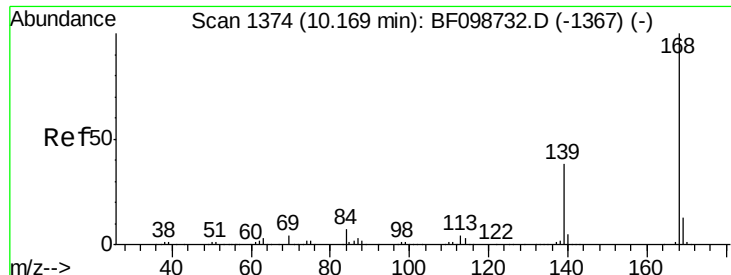
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#53
 2,4-Dinitrophenol
 Concen: 146.97 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.02 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	223397		
63	56.8	54.2	81.2	
154	61.4	53.5	80.3	





#54

Dibenzenofuran

Concen: 68.33 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF098735.D

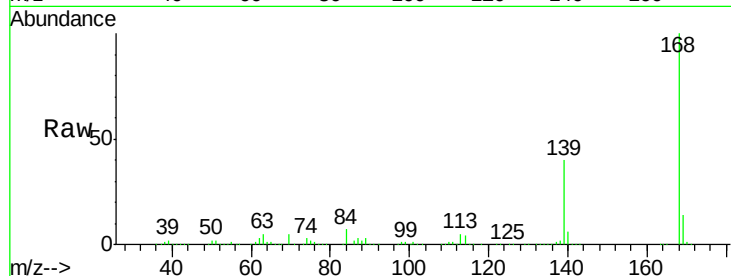
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion:168 Resp: 1861425

Ion Ratio Lower Upper

168 100

139 39.6 30.1 45.1

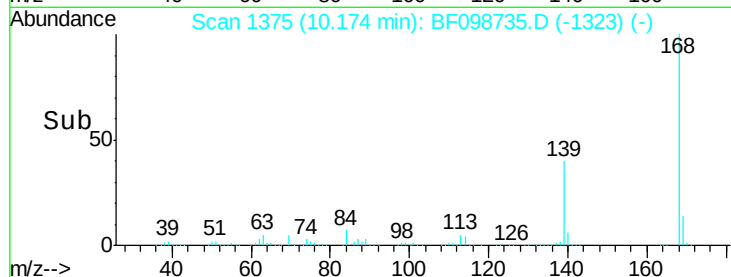
169 14.1 10.9 16.3

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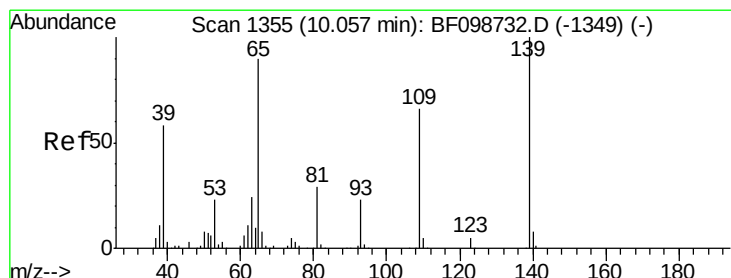
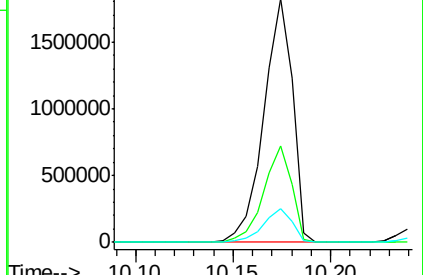
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Abundance Ion 168.00 (167.70 to 168.70): E

2500000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 82.82 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

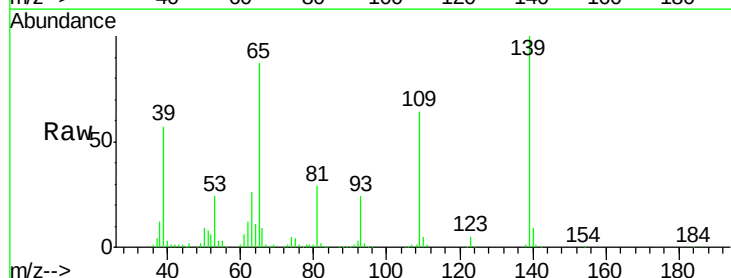
Tgt Ion:139 Resp: 412403

Ion Ratio Lower Upper

139 100

109 64.5 48.4 88.4

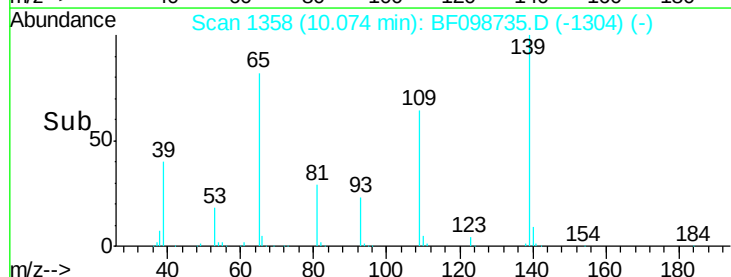
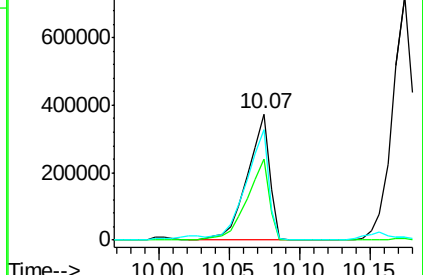
65 87.4 72.6 112.6

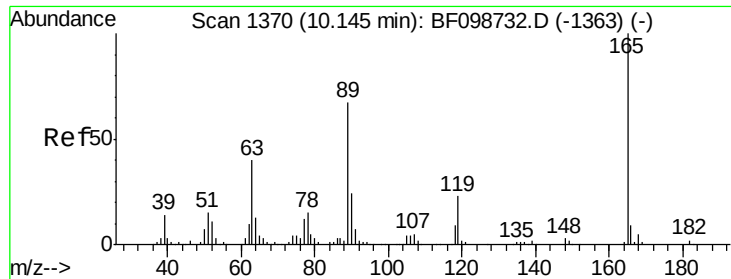


Abundance Ion 139.00 (138.70 to 139.70): E

1000000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 83.83 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF098735.D

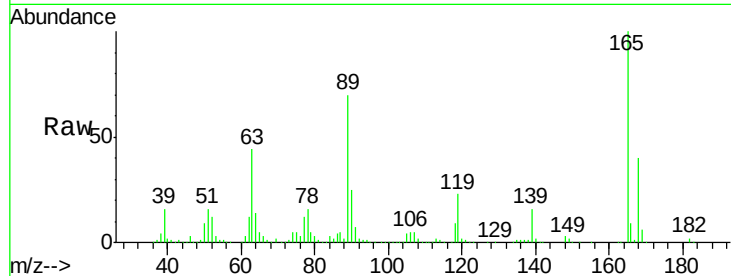
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

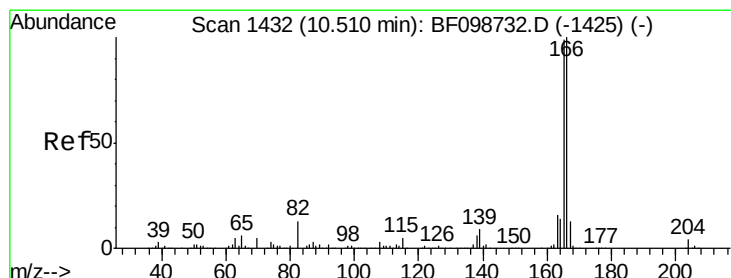
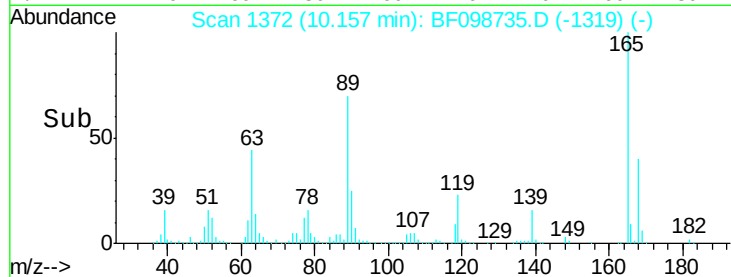
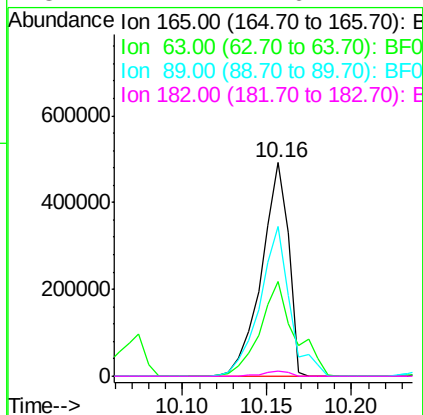
SSTDIC080



Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.4	54.6
89	70.1	57.8	86.6
182	2.4	1.6	2.4

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#57

Fluorene

Concen: 64.51 ng

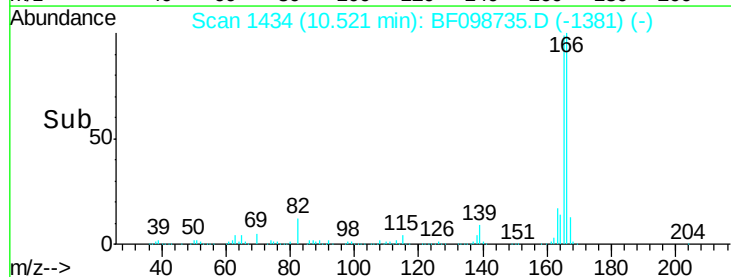
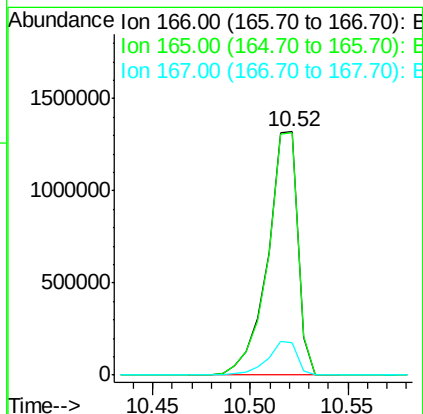
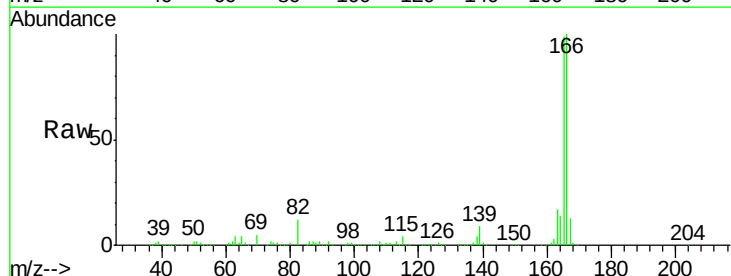
RT: 10.52 min Scan# 1434

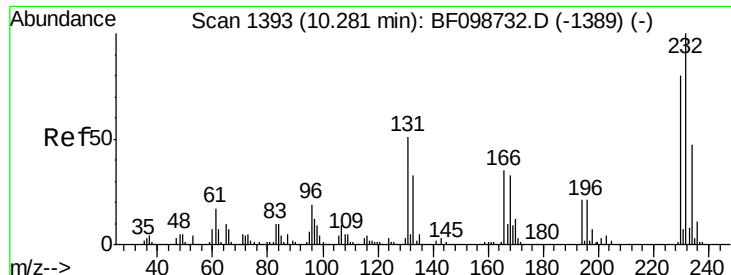
Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

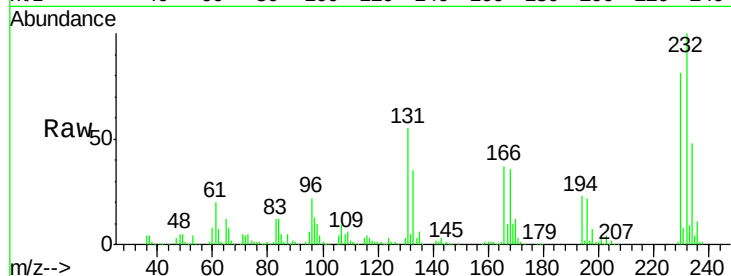
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.4	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 73.76 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

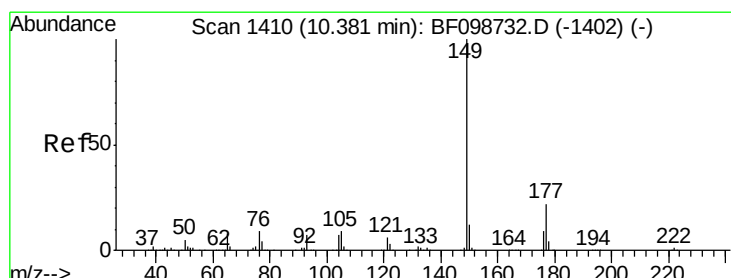
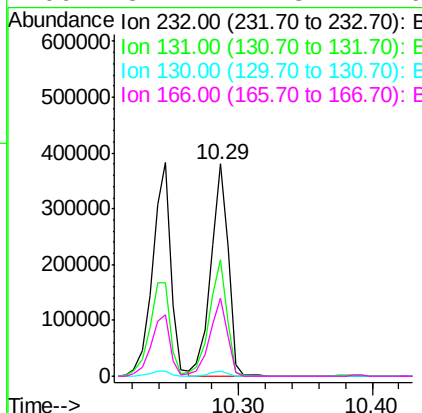
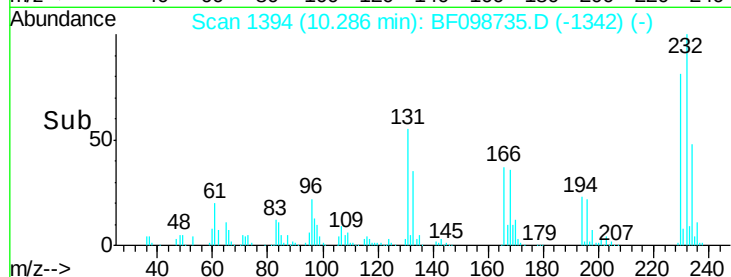
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.3	43.8	65.8
130	2.7	2.1	3.1
166	37.1	27.8	41.6

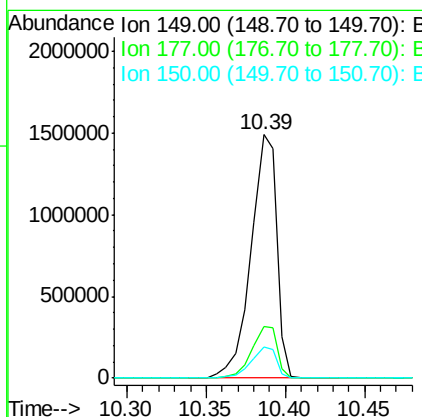
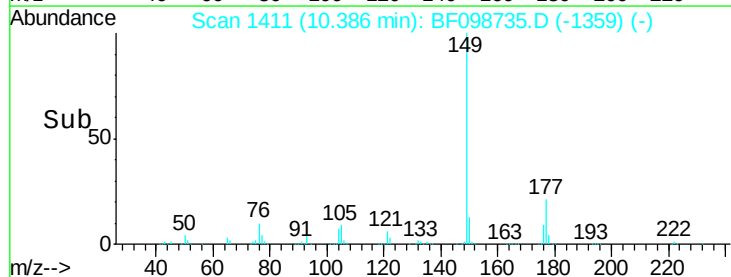
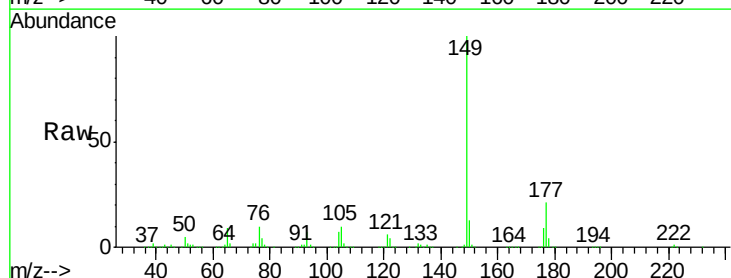
Manual Integrations
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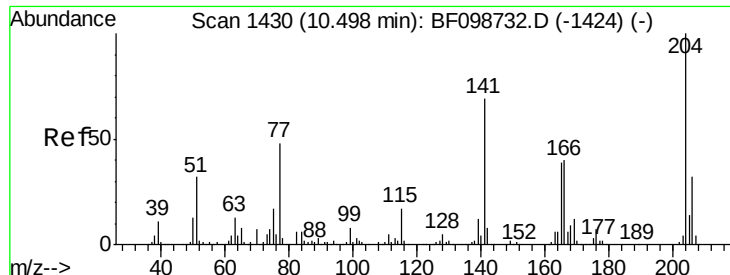
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#59
 Diethylphthalate
 Concen: 70.92 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.9	10.1	15.1





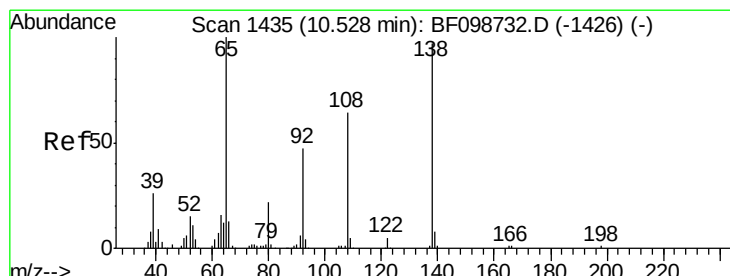
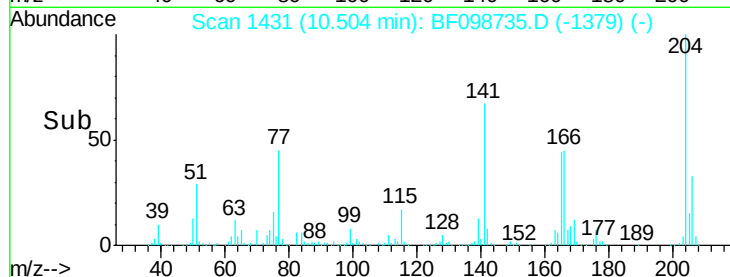
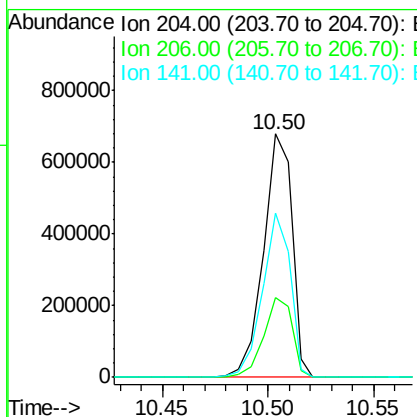
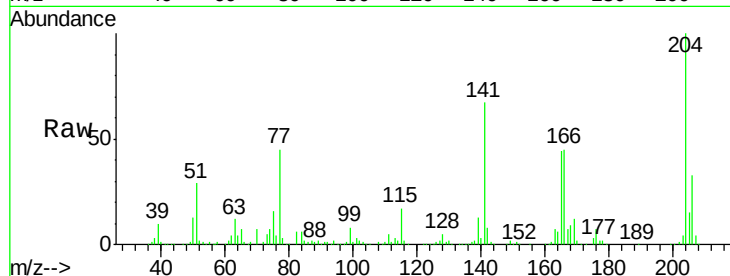
#60
 4-Chlorophenyl-phenylether
 Concen: 66.86 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	67.2	54.6	81.8

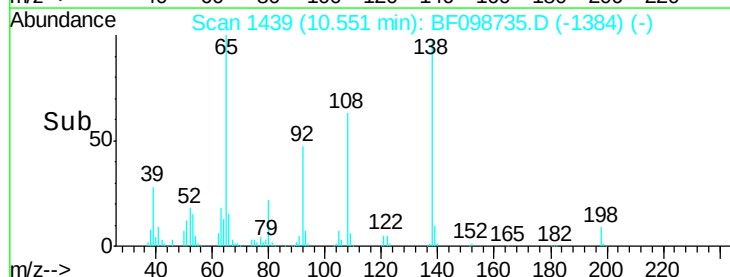
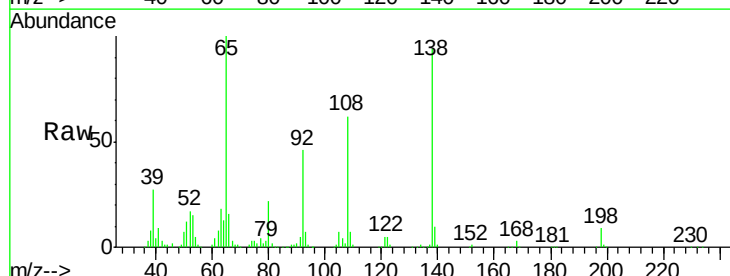
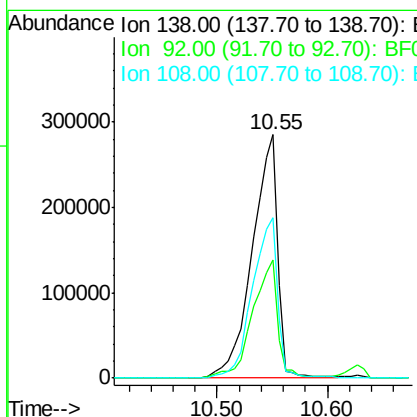
Manual Integrations
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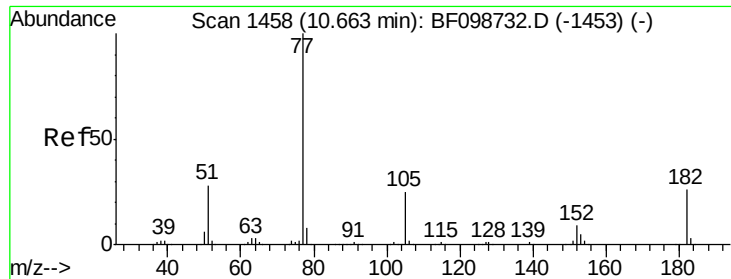
Sohil
 9/25/2017 6:26:07 PM



#61
 4-Nitroaniline
 Concen: 83.95 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.02 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	65.8	52.5	92.5





#62

Azobenzene

Concen: 68.21 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF098735.D

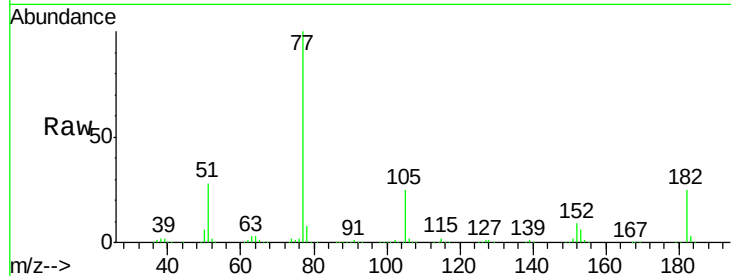
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 77 Resp: 1520777

Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 24.8 3.0 43.0

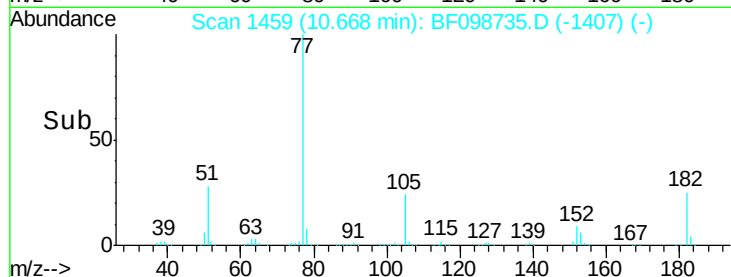
51 28.1 9.9 49.9

Manual Integrations

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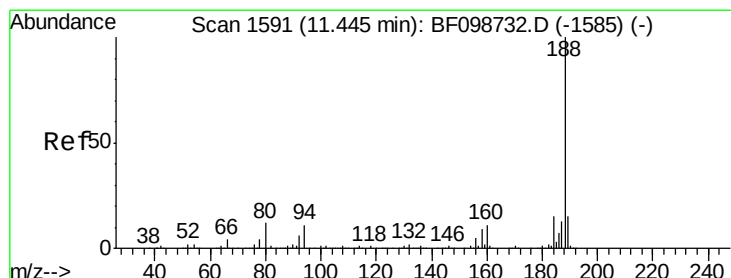
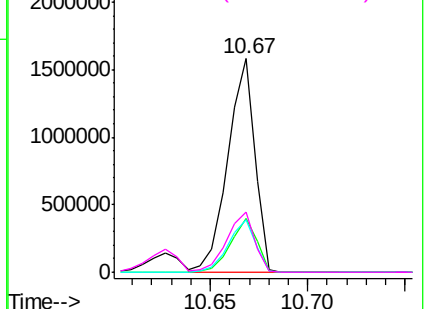


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

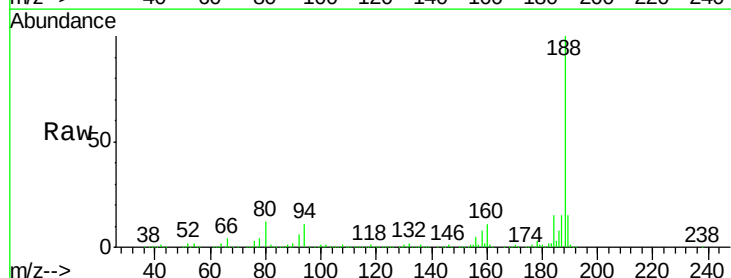
Tgt Ion: 188 Resp: 556561

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

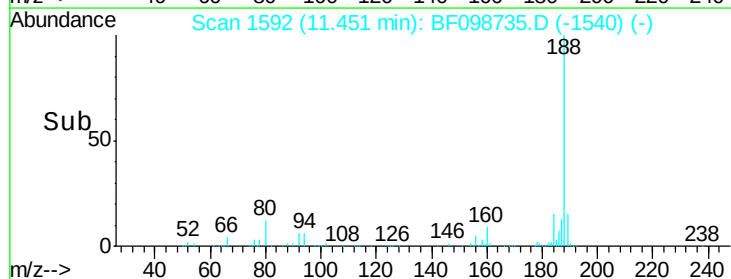
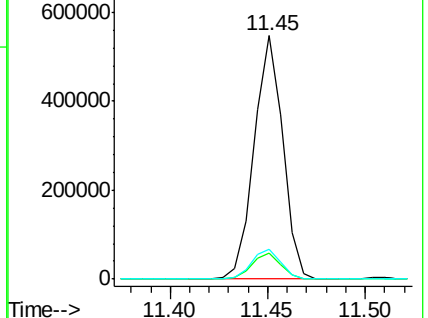
80 12.3 9.2 13.8

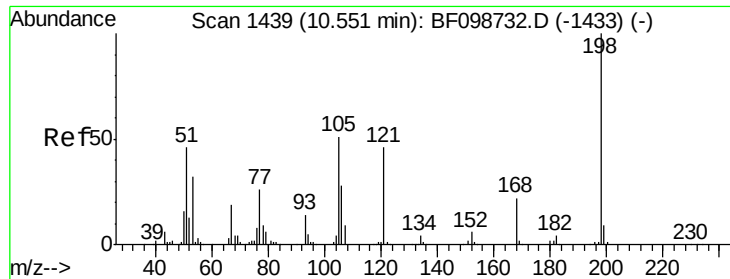


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





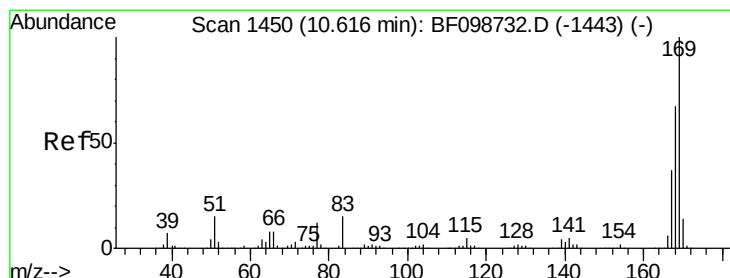
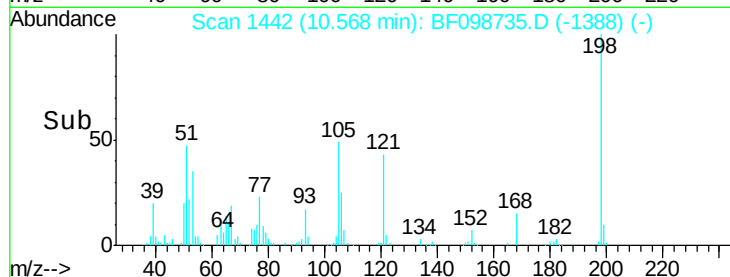
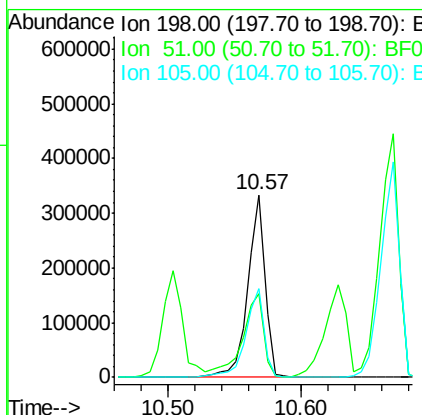
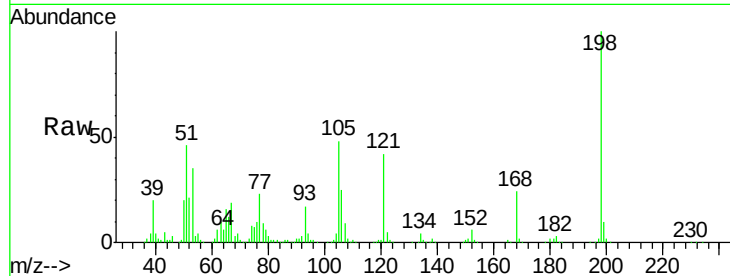
#64
4,6-Dinitro-2-methylphenol
Concen: 122.73 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	295679		
51	45.9	37.7	77.7	
105	48.3	36.3	76.3	

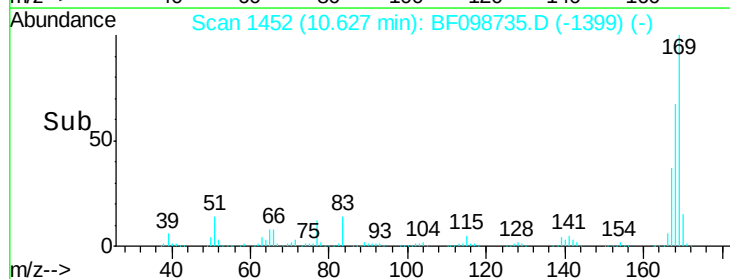
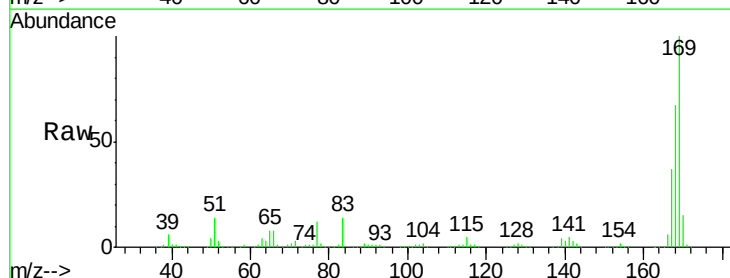
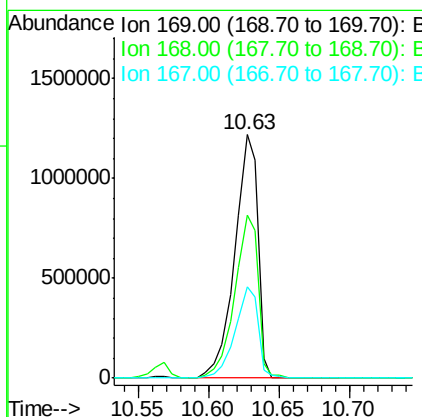
Manual Integrations
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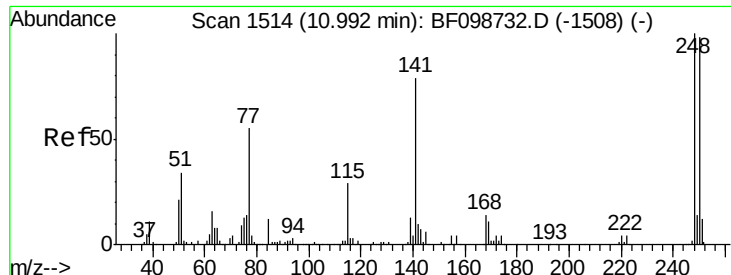
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 72.25 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1384161		
168	66.8	54.4	81.6	
167	37.3	29.8	44.6	





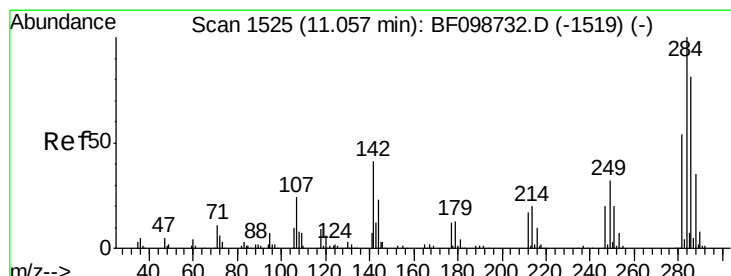
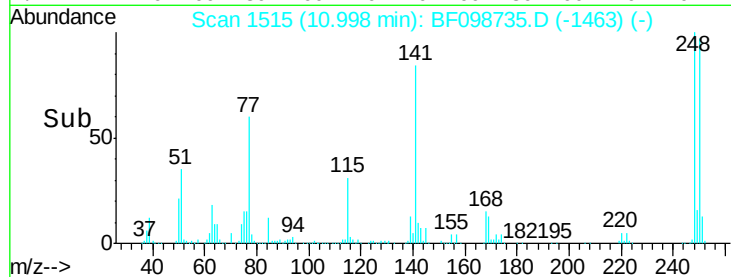
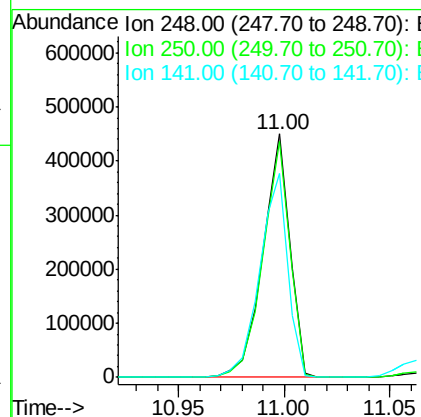
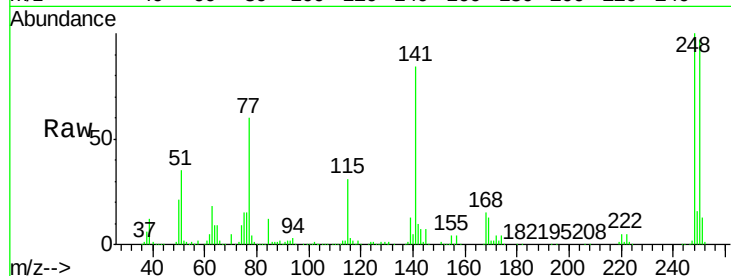
#66
 4-Bromophenyl-phenylether
 Concen: 71.32 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:	248	Resp:	400818
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.9	115.3
141	83.8	74.4	111.6

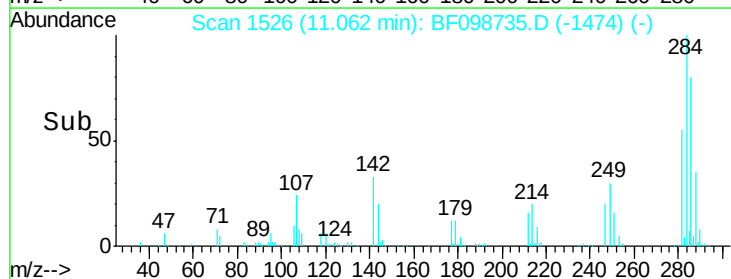
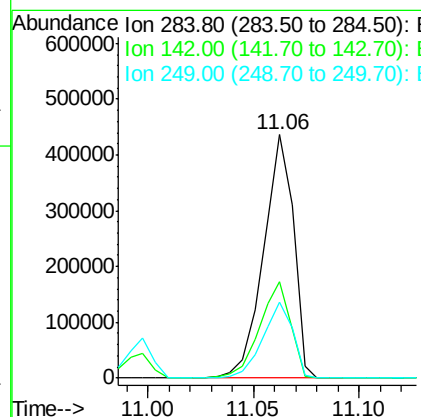
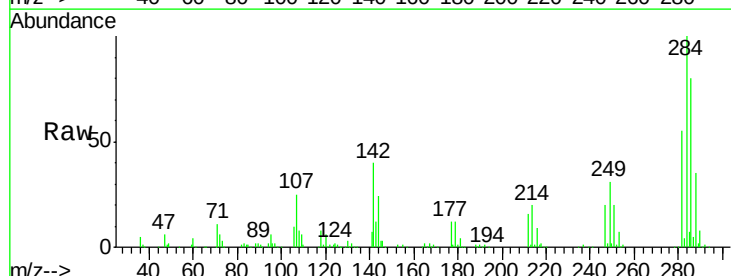
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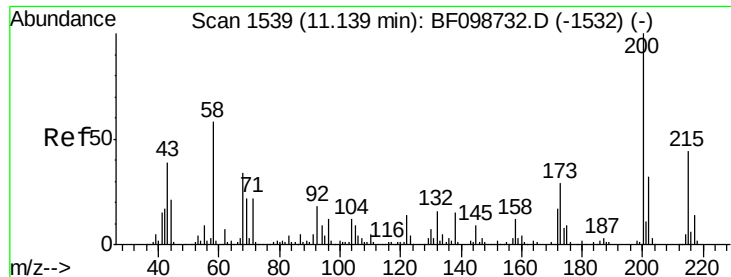
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#67
 Hexachlorobenzene
 Concen: 67.31 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion:	284	Resp:	431010
Ion Ratio	Lower	Upper	
284	100		
142	39.8	34.6	52.0
249	31.4	24.8	37.2





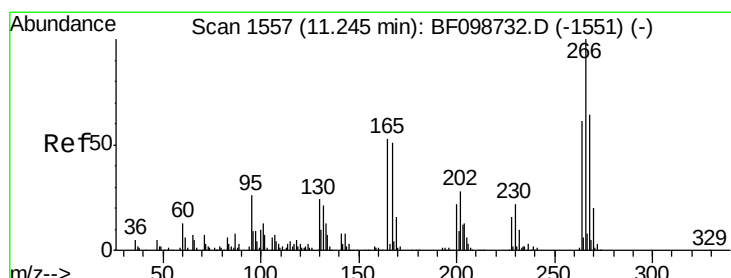
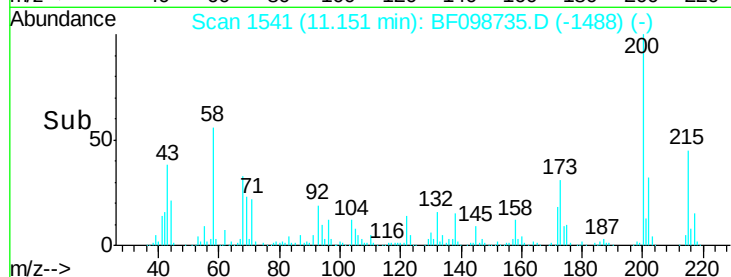
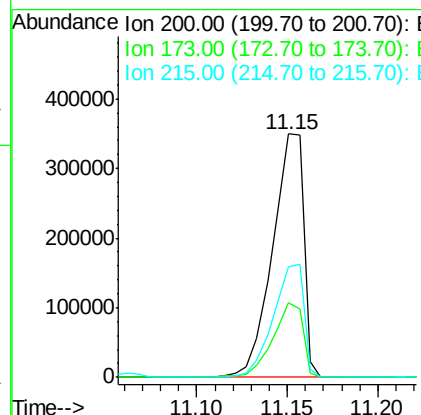
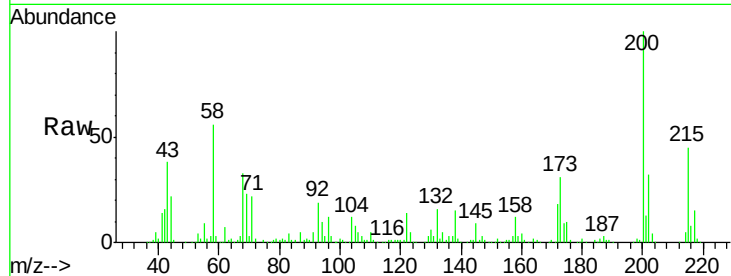
#68
 Atrazine
 Concen: 72.59 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.6	8.6	48.6
215	45.3	25.1	65.1

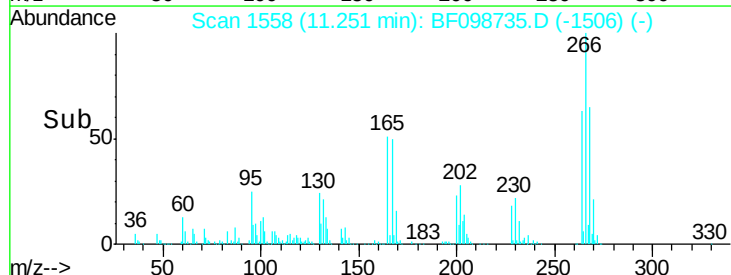
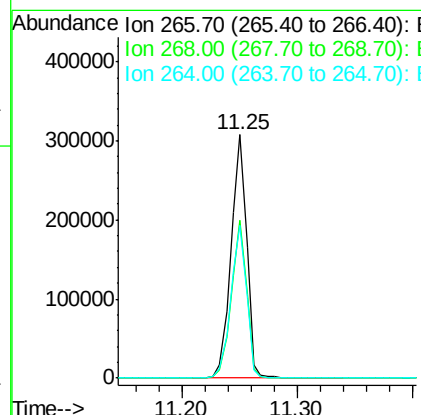
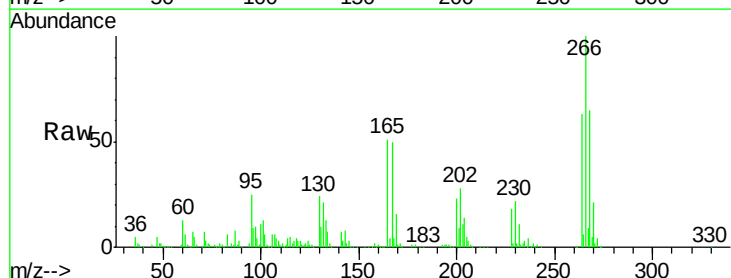
Manual Integrations
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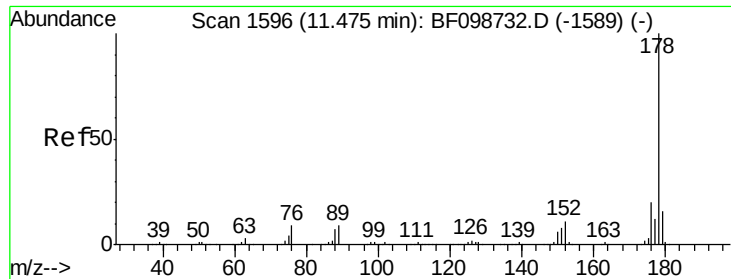
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#69
 Pentachlorophenol
 Concen: 79.04 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	51.1	76.7
264	63.0	49.5	74.3





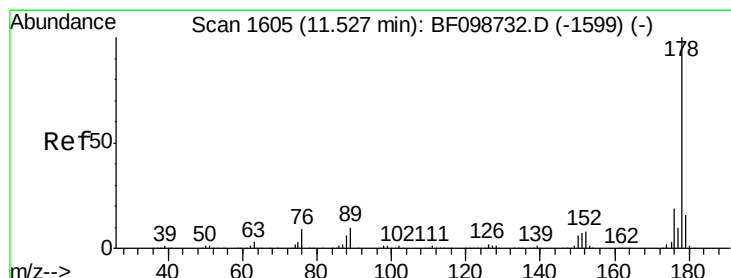
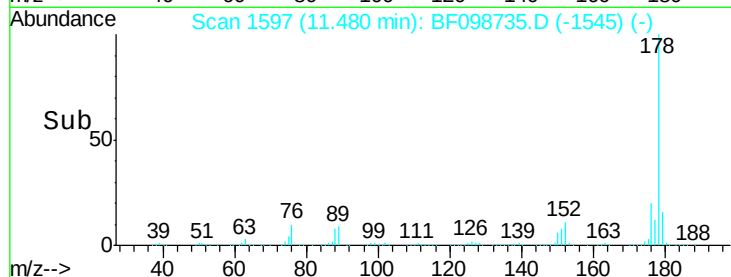
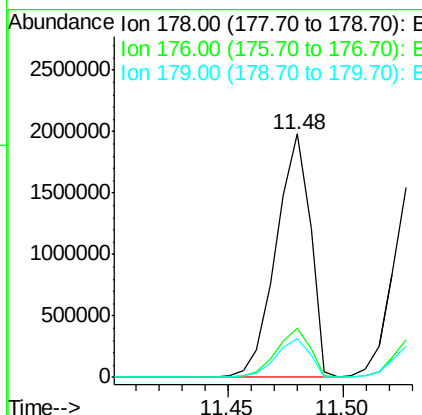
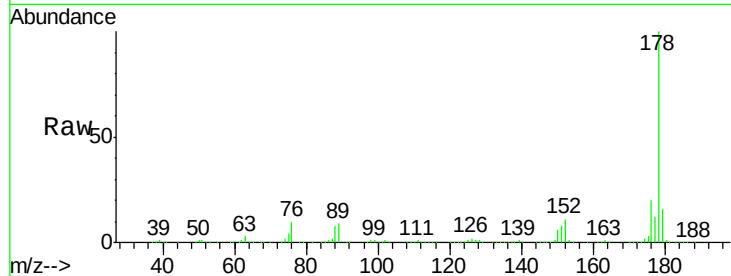
#70
Phenanthrene
Concen: 67.52 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 2038551
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.7 13.0 19.6

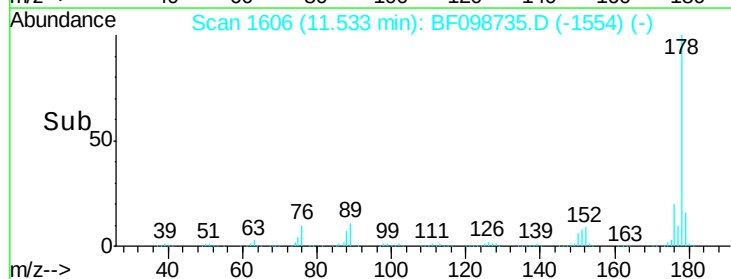
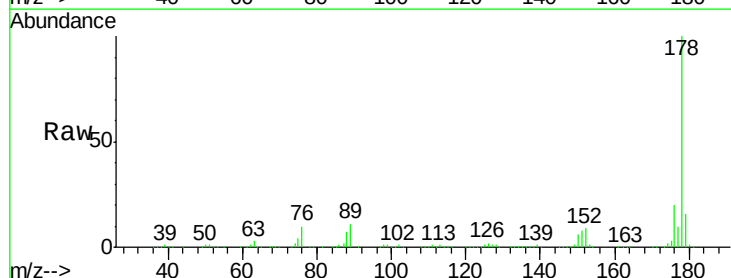
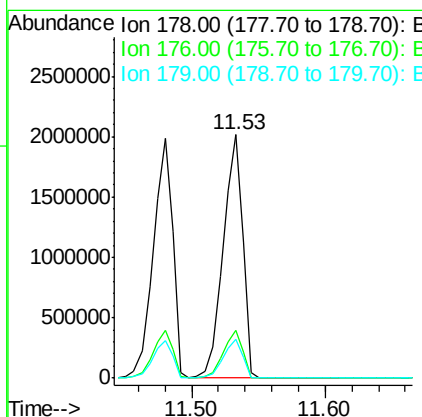
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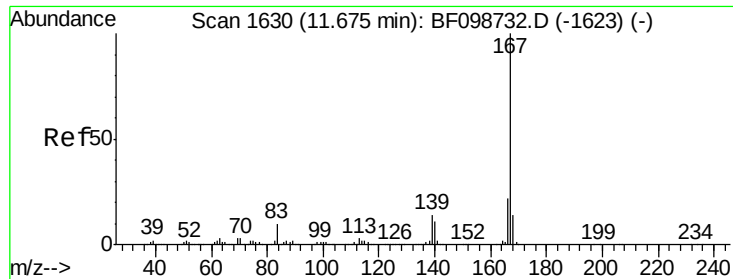
Sohil
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#71
Anthracene
Concen: 67.98 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:178 Resp: 2092795
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.1 12.6 19.0





#72

Carbazole

Concen: 67.87 ng

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 2041508

Ion Ratio Lower Upper

167 100

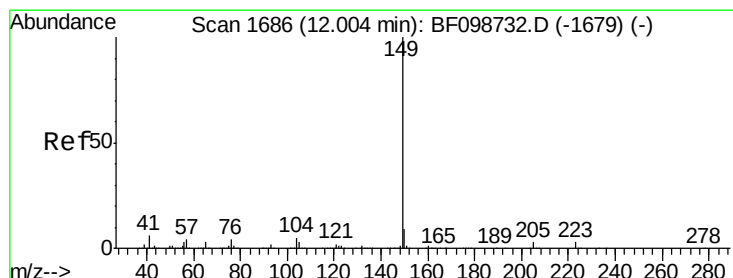
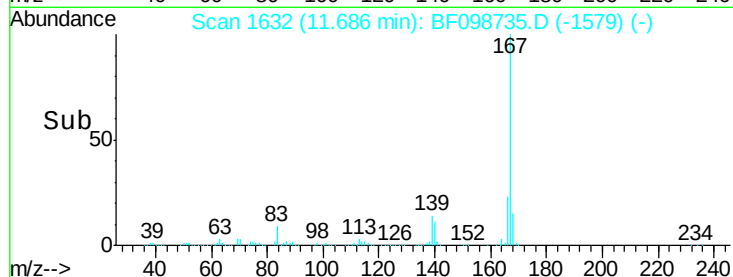
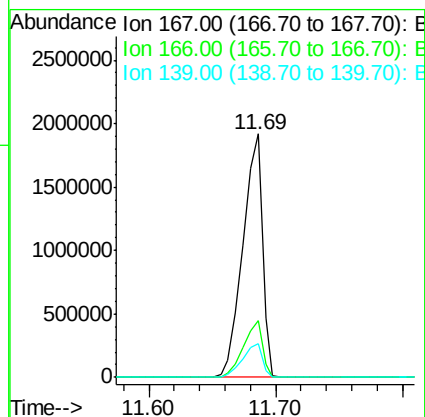
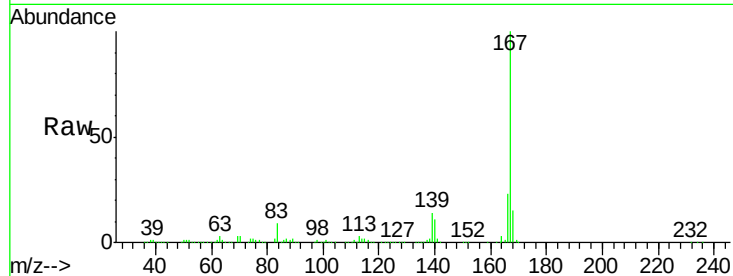
166 23.1 17.6 26.4

139 14.1 10.9 16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 70.18 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

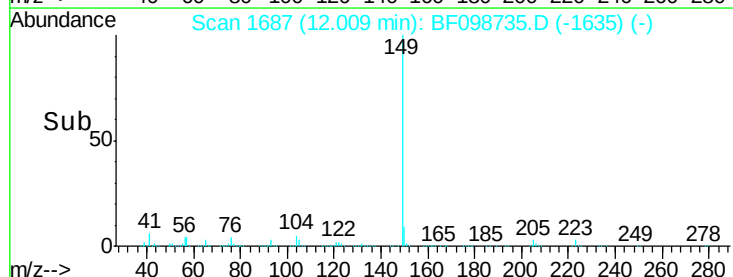
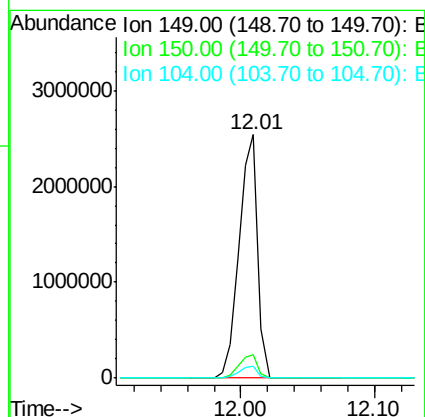
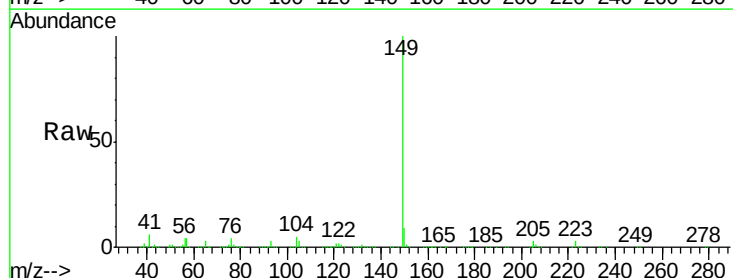
Tgt Ion:149 Resp: 2451970

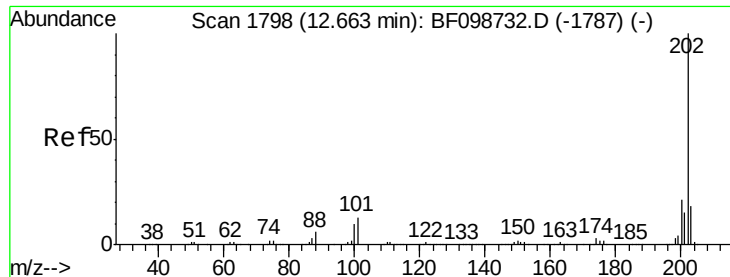
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.8 3.8 5.8





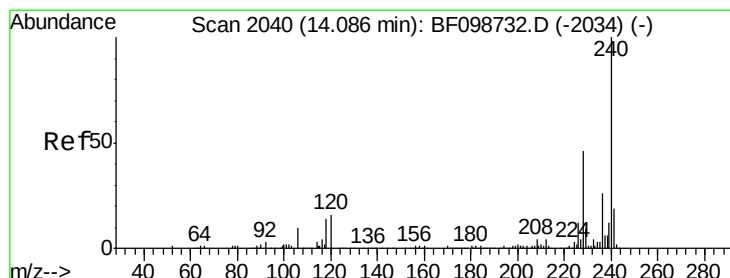
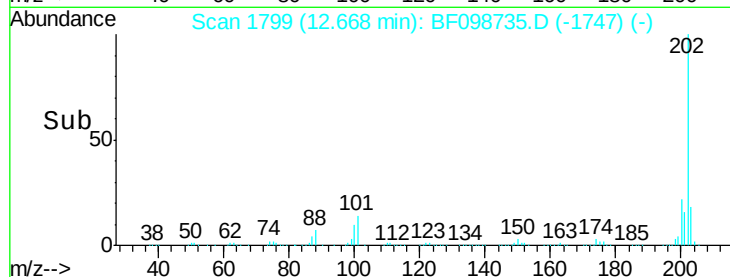
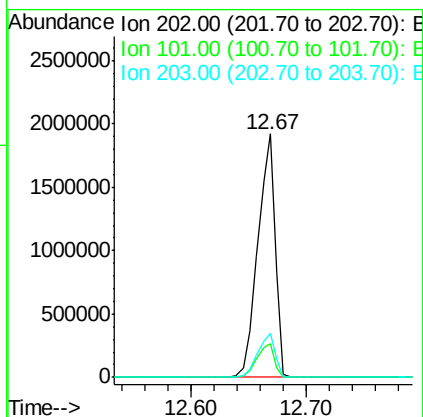
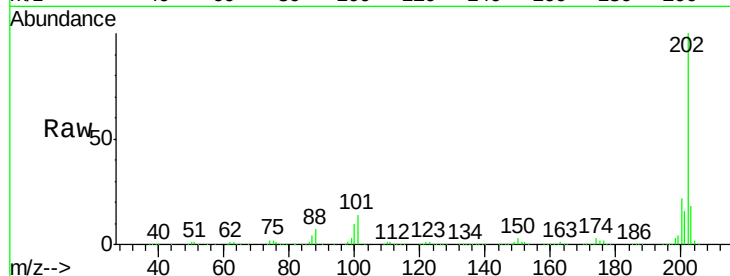
#74
 Fluoranthene
 Concen: 67.74 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2038100		
101	13.6		0.0	34.1
203	18.0		0.0	38.1

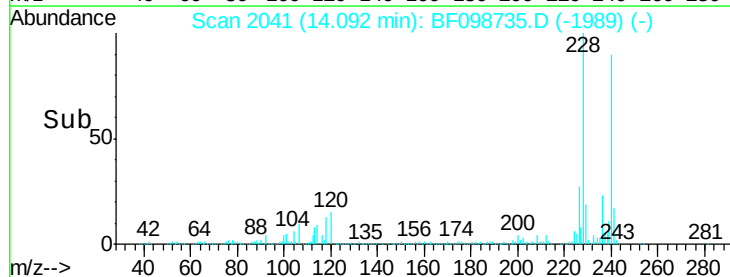
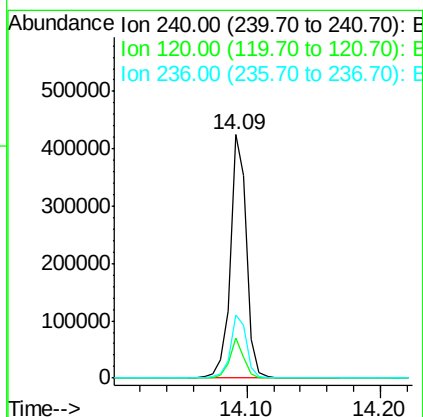
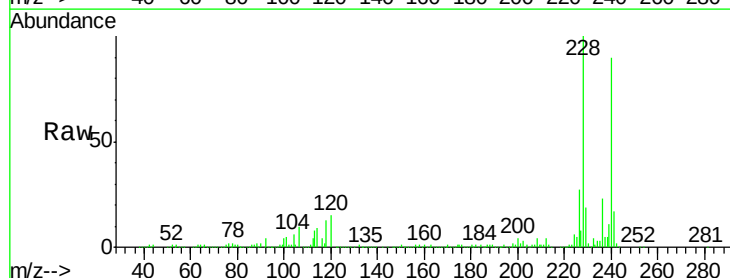
Manual Integrations
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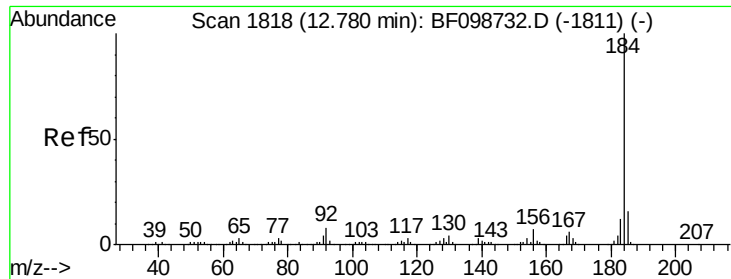
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	359883		
120	16.3		9.5	14.3#
236	26.0		20.7	31.1





#76

Benzidine

Concen: 62.28 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

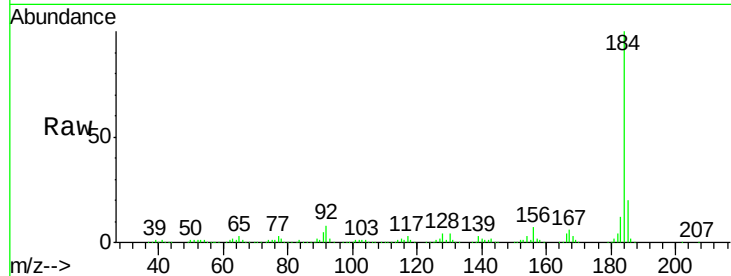
ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	910171		
185	20.0	12.6	18.8#	
183	12.3	9.3	13.9	

Manual Integrations
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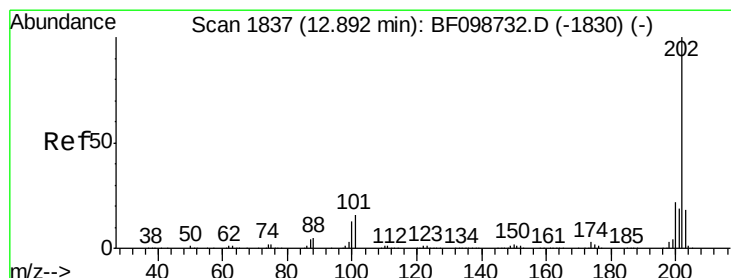
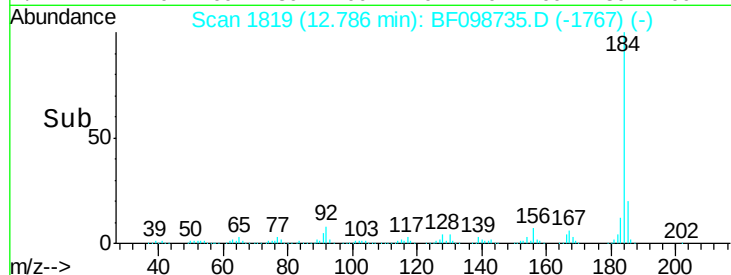
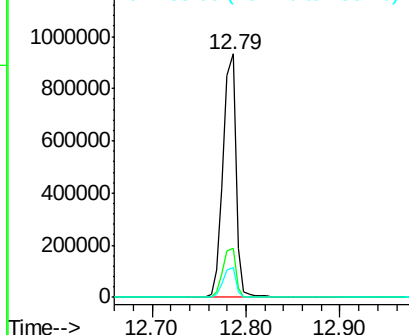
Sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 79.15 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098735.D

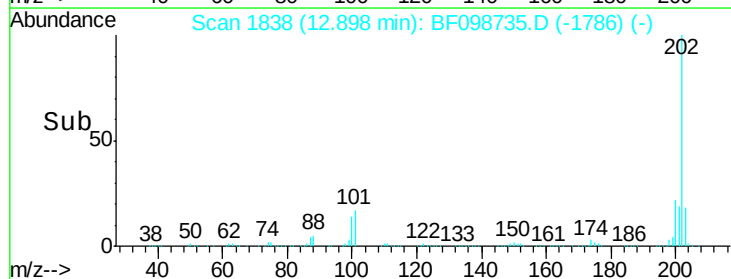
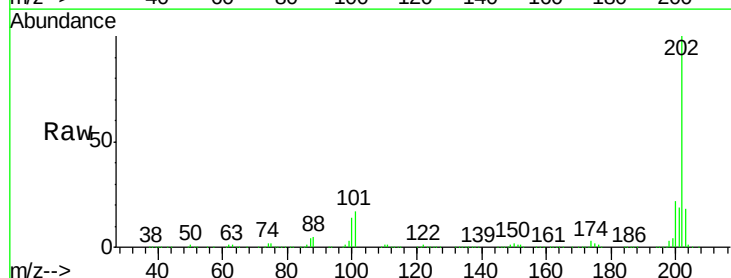
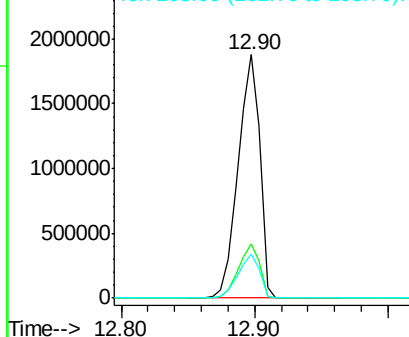
Acq: 23 Sep 2017 13:18

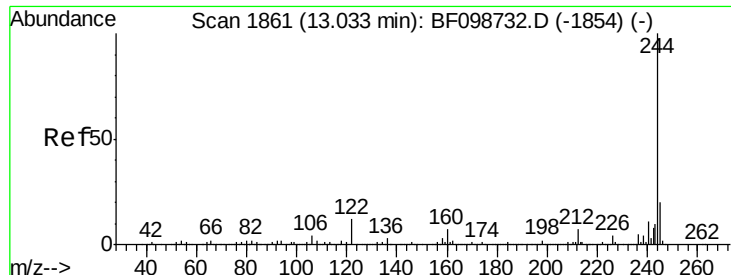
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2114870		
200	22.2	17.4	26.2	
203	18.1	14.3	21.5	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 139.05 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 2330613

Ion Ratio Lower Upper

244 100

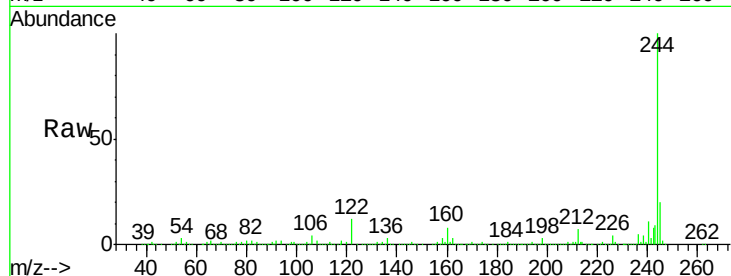
212 7.1 5.4 8.0

122 11.8 11.0 16.4

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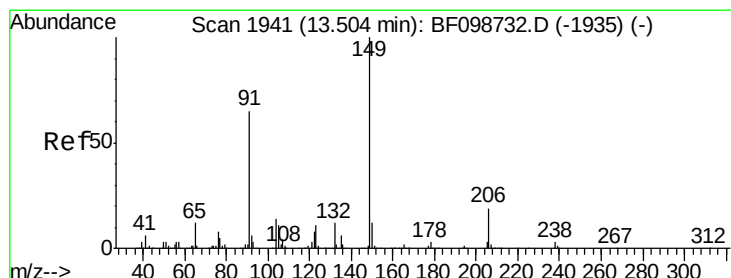
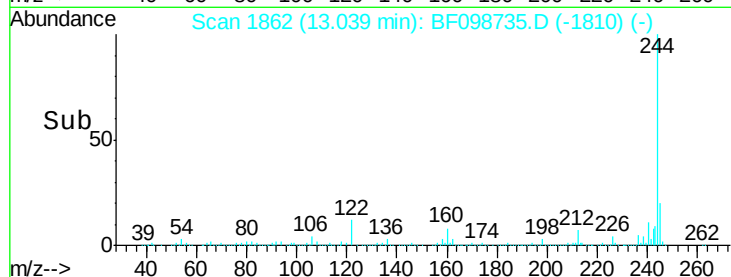
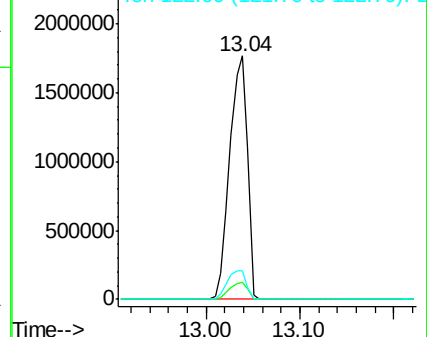
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 93.01 ng

RT: 13.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

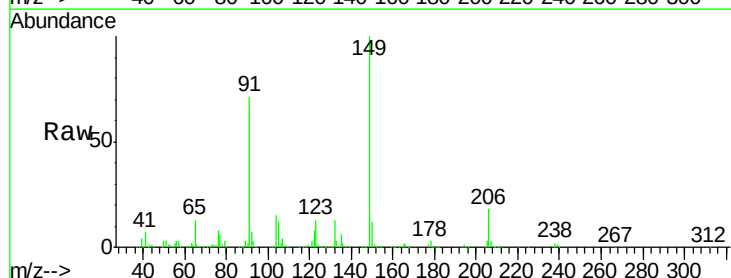
Tgt Ion:149 Resp: 1028110

Ion Ratio Lower Upper

149 100

91 71.3 56.8 85.2

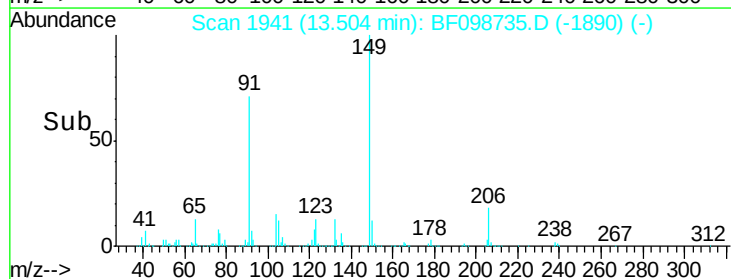
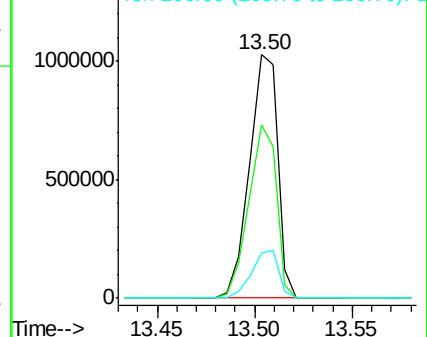
206 18.5 14.1 21.1

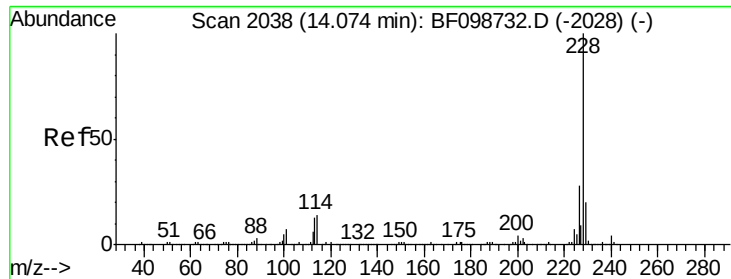


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





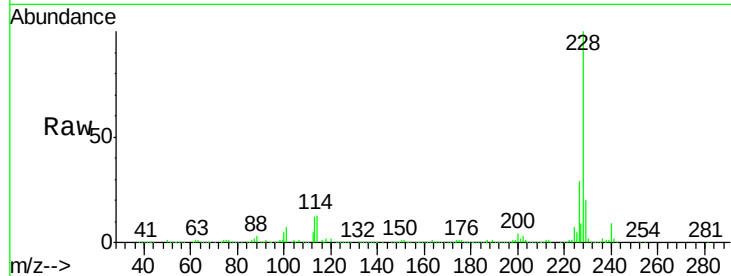
#80
Benzo(a)anthracene
Concen: 74.83 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

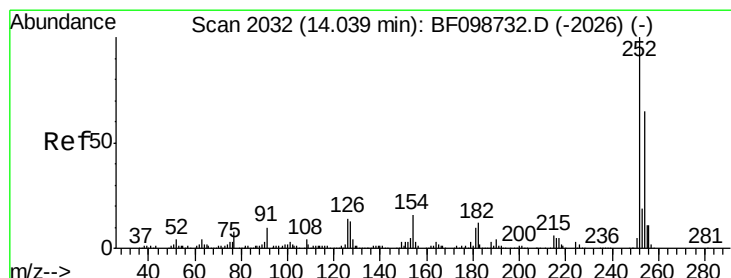
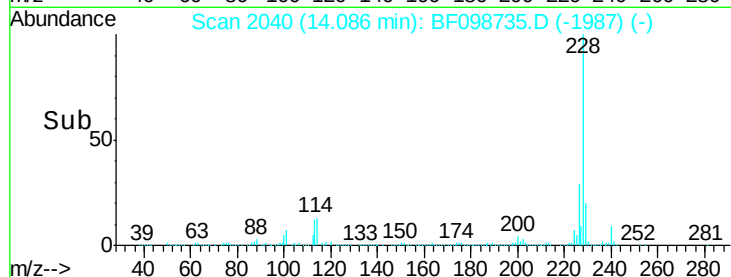
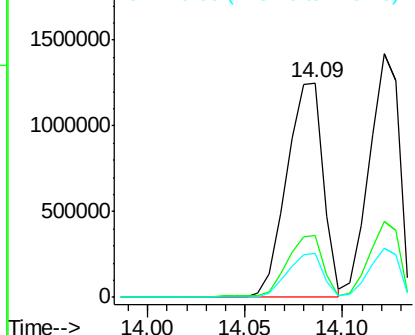
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.3	15.8	23.6

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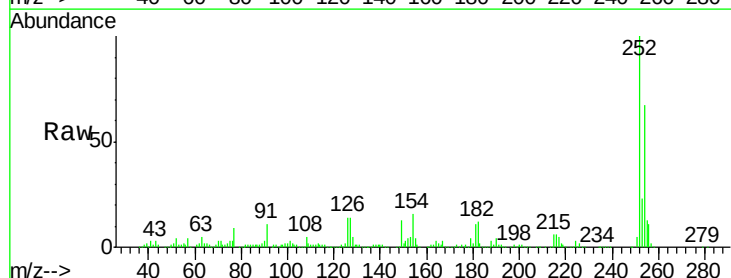


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

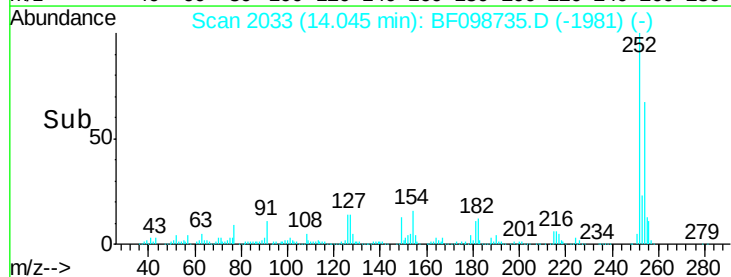
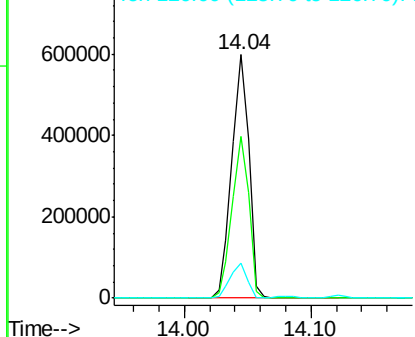


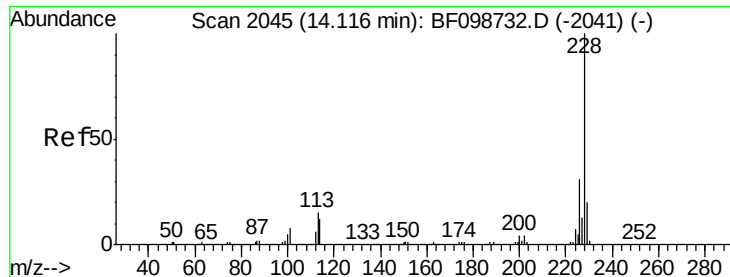
#81
3,3'-Dichlorobenzidine
Concen: 72.11 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	14.5	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





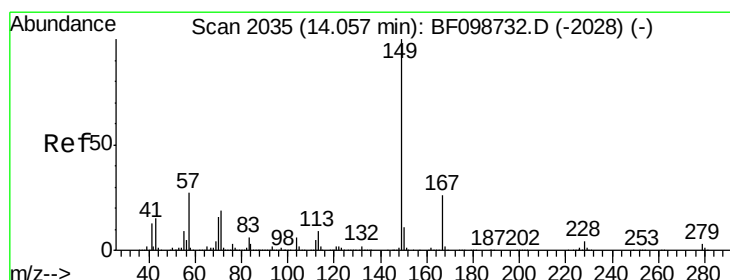
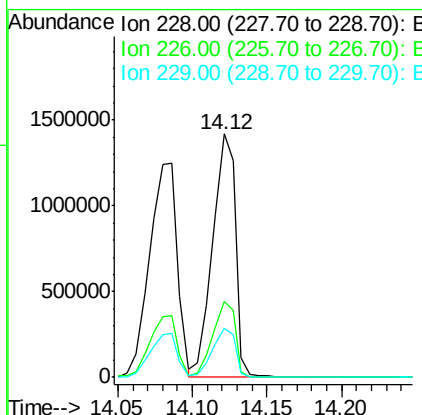
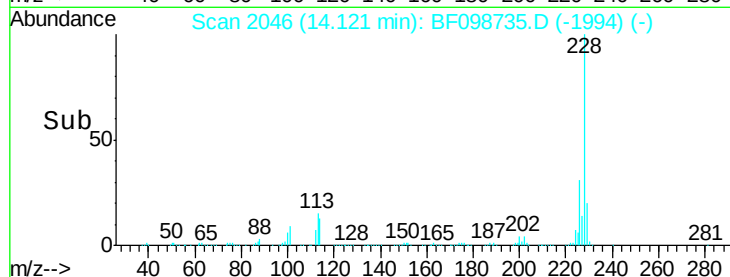
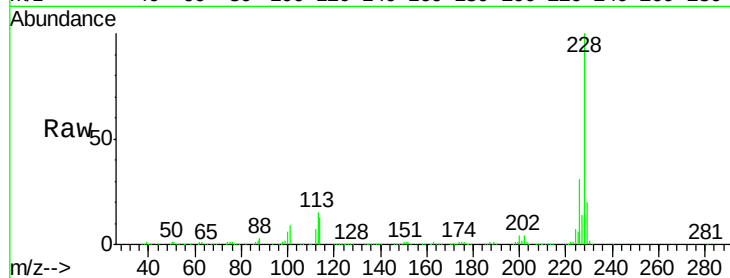
#82
Chrysene
 Concen: 72.28 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 228 Resp: 1513129
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.3 16.2 24.4

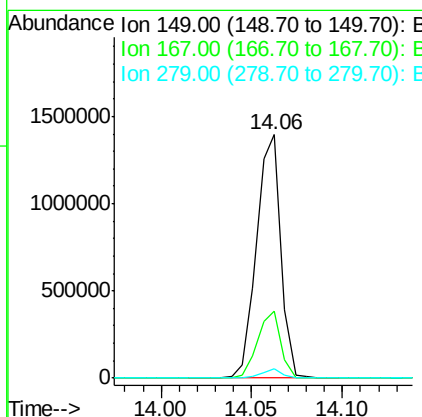
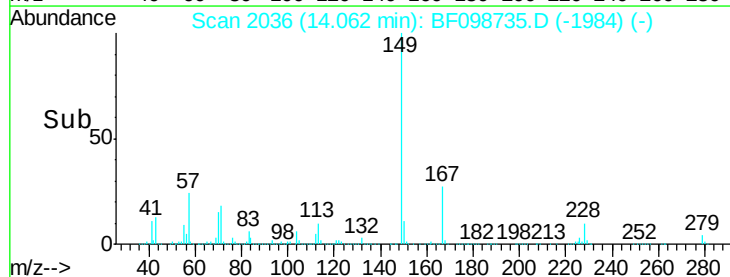
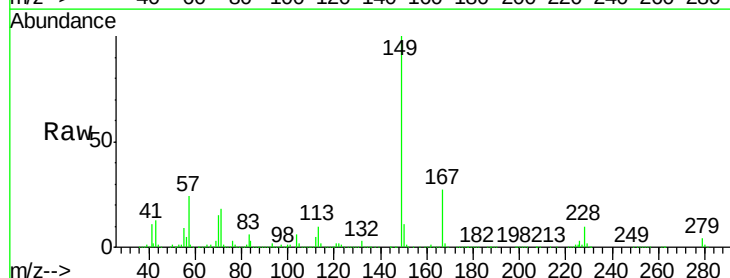
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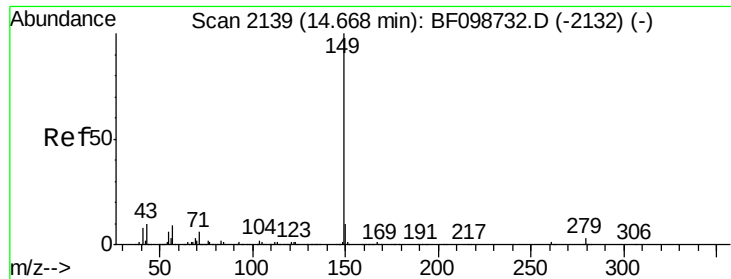
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 84.88 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion: 149 Resp: 1297810
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.7 3.0 4.4





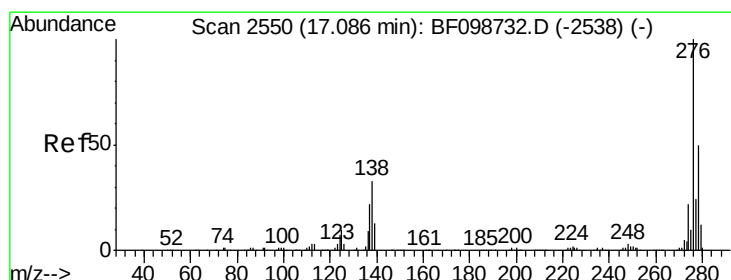
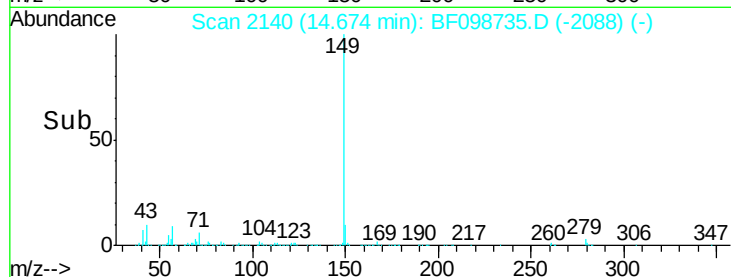
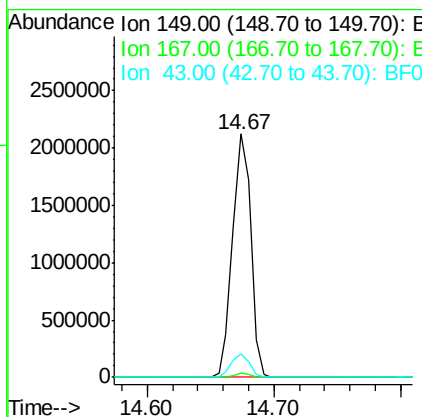
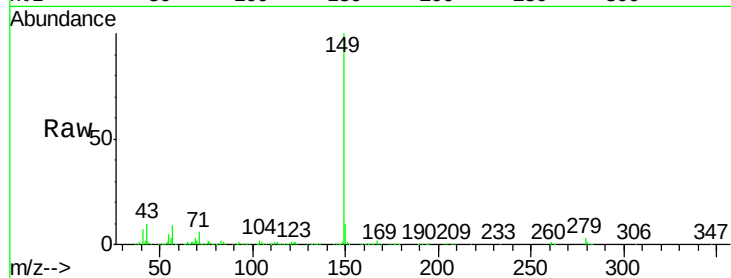
#84
Di-n-octyl phthalate
Concen: 91.84 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6

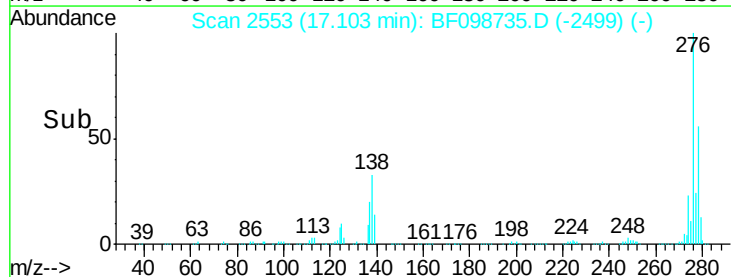
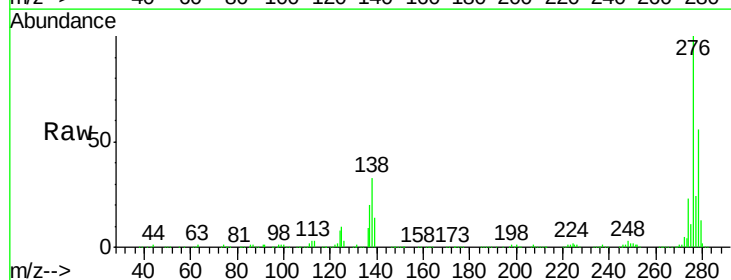
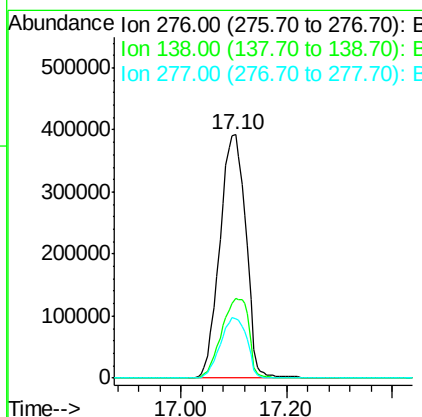
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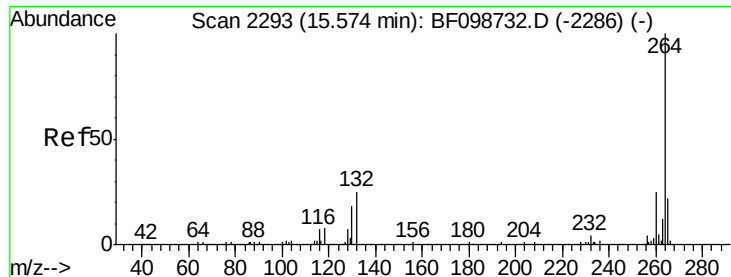
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#85
Indeno(1,2,3-cd)pyrene
Concen: 83.05 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	25.2	20.1	30.1





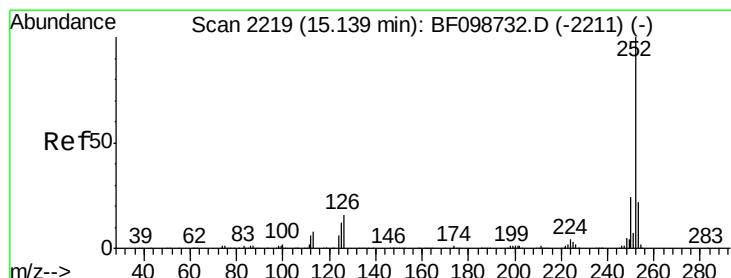
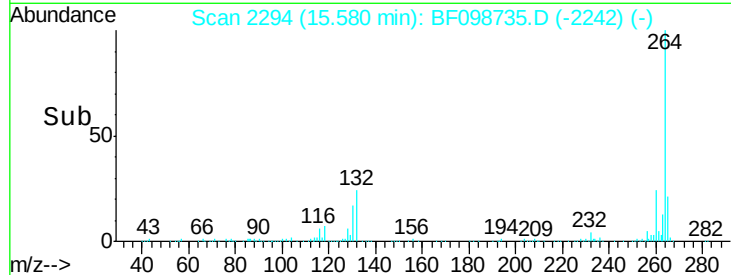
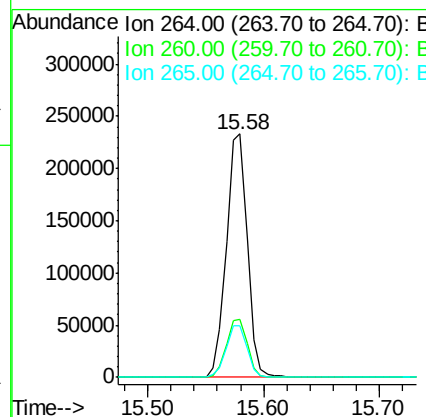
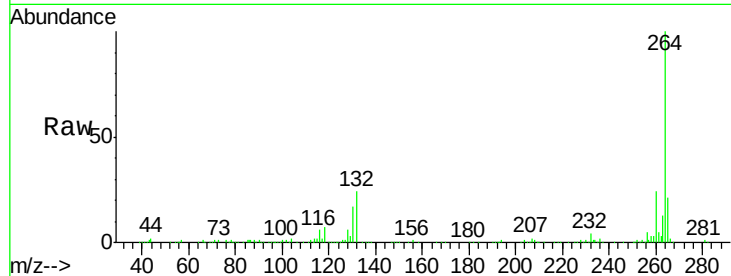
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3

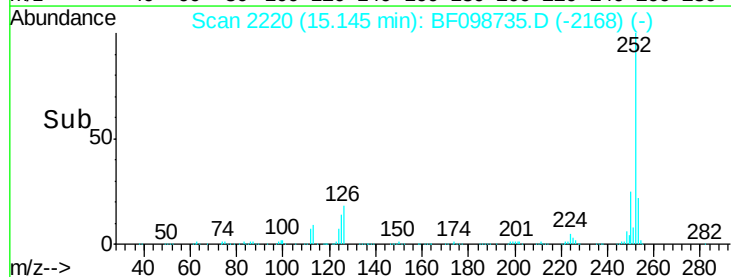
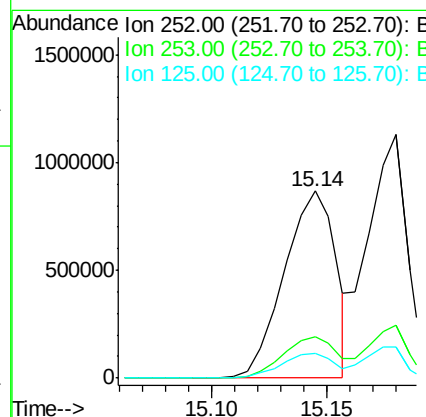
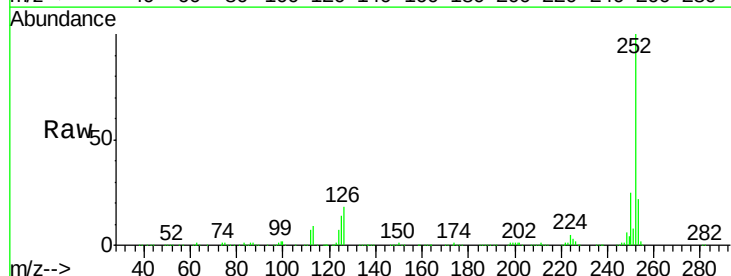
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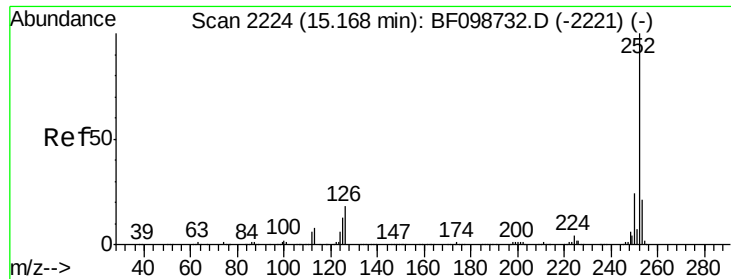
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#87
 Benzo(b)fluoranthene
 Concen: 79.23 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.6	9.0	13.6





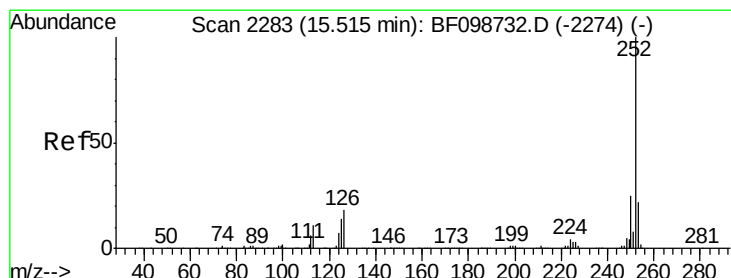
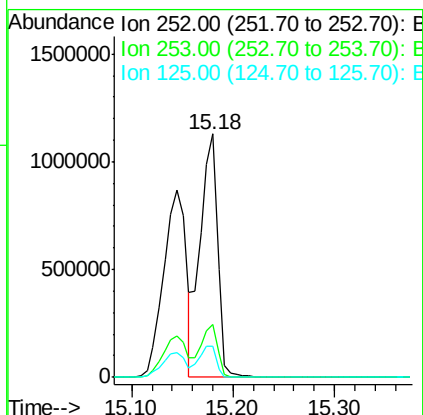
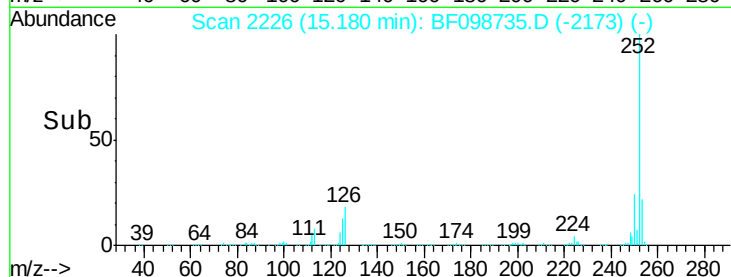
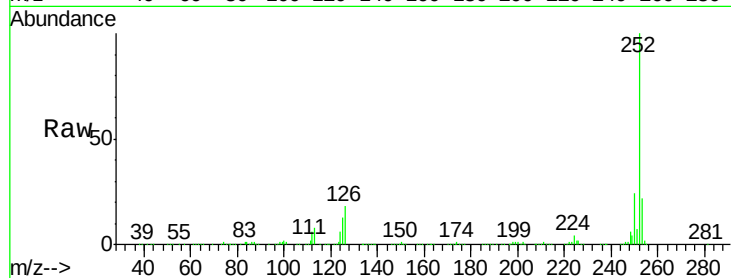
#88
Benzo(k)fluoranthene
Concen: 79.03 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.6	10.2	15.2

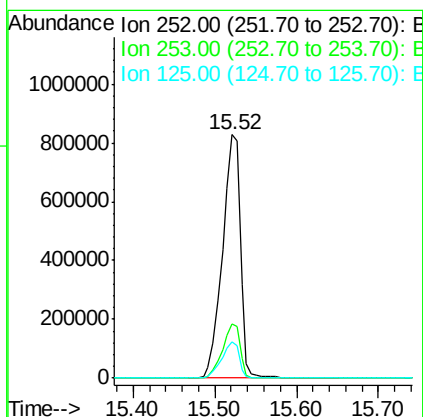
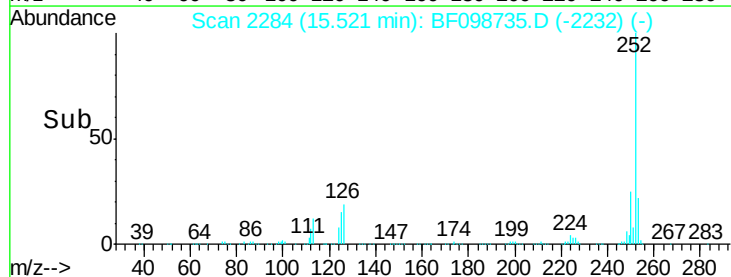
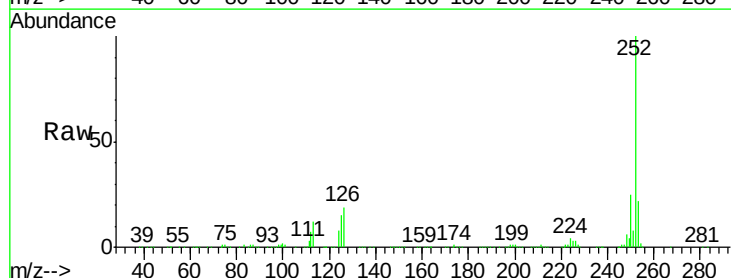
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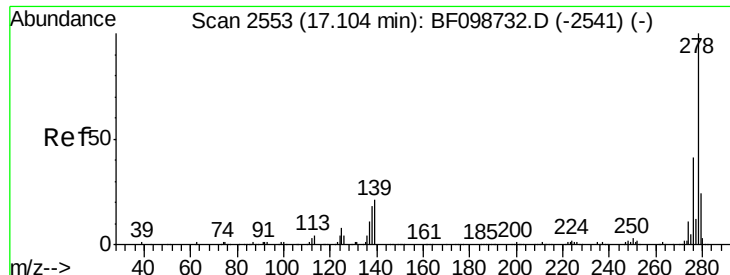
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#89
Benzo(a)pyrene
Concen: 81.95 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	15.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 82.89 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 1082147

Ion Ratio Lower Upper

278 100

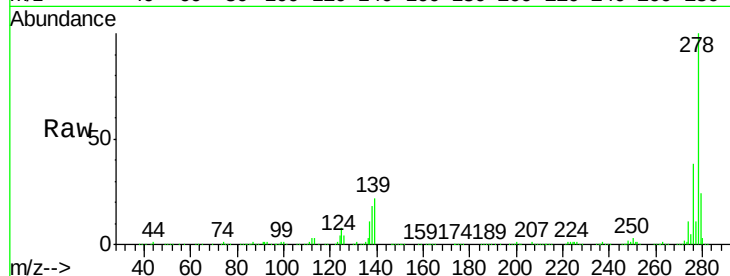
139 21.6 15.9 23.9

279 24.4 19.0 28.4

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

17.13

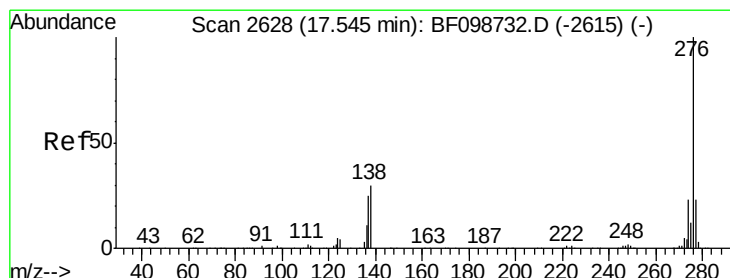
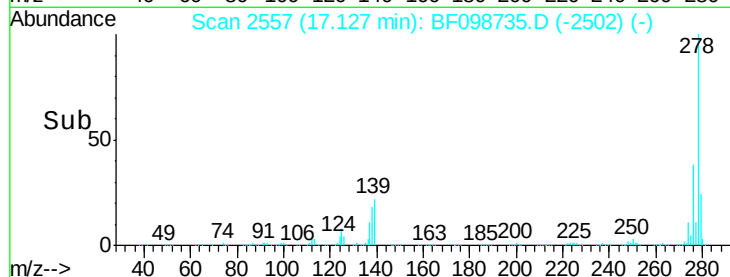
600000

400000

200000

0

Time-->



#91

Benzo(g,h,i)perylene

Concen: 84.89 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.02 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

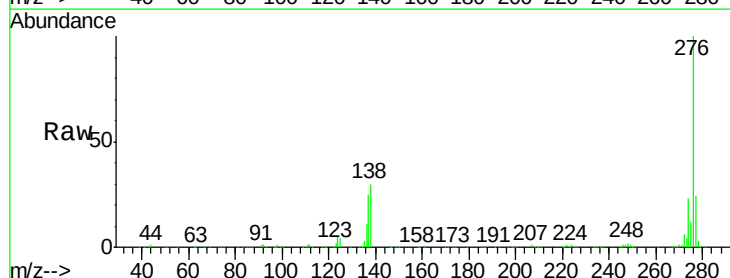
Tgt Ion:276 Resp: 1114003

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.9 21.8 32.8



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

17.57

600000

500000

400000

300000

200000

100000

0

Time-->

