

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100254.D
 Acq On : 6 Nov 2017 16:37
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:47 PM

Quant Time: Nov 07 10:34:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91492	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	390732	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	177865	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	319612	20.00	ng	0.00
75) Chrysene-d12	13.94	240	250578	20.00	ng	0.00
86) Perylene-d12	15.40	264	216527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	528143	90.63	ng	0.00
7) Phenol-d6	6.42	99	612307	88.61	ng	0.00
23) Nitrobenzene-d5	7.34	82	496643	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	138955	85.73	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	966783	83.86	ng	0.00
78) Terphenyl-d14	12.87	244	914623	79.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	109552	42.570	ng	# 88
3) Pyridine	3.20	79	274289m	44.322	ng	
4) n-Nitrosodimethylamine	3.17	42	91231	41.264	ng	# 63
6) Aniline	6.43	93	391925	43.744	ng	# 84
8) 2-Chlorophenol	6.55	128	278482	44.837	ng	94
9) Benzaldehyde	6.33	77	155462	37.650	ng	93
10) Phenol	6.43	94	322135	42.460	ng	# 72
11) bis(2-Chloroethyl)ether	6.50	93	266226	45.442	ng	94
12) 1,3-Dichlorobenzene	6.70	146	304541m	43.669	ng	
13) 1,4-Dichlorobenzene	6.77	146	317223	44.819	ng	98
14) 1,2-Dichlorobenzene	6.93	146	282266	43.758	ng	98
15) Benzyl Alcohol	6.92	79	204068	46.437	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	272301	41.841	ng	65
17) 2-Methylphenol	7.03	107	237003	45.618	ng	# 94
18) Hexachloroethane	7.26	117	101655	43.049	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	182641	45.103	ng	89
20) 3+4-Methylphenols	7.19	107	301012	49.759	ng	# 82
22) Acetophenone	7.18	105	385676	43.351	ng	# 91
24) Nitrobenzene	7.36	77	260066	42.528	ng	90
25) Isophorone	7.59	82	454728	41.291	ng	95
26) 2-Nitrophenol	7.67	139	152567	43.560	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	226379	43.867	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	317662	41.187	ng	100
29) 2,4-Dichlorophenol	7.93	162	240330	44.830	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	238972	41.720	ng	97
31) Naphthalene	8.06	128	792781	42.033	ng	99
32) Benzoic acid	7.89	122	145074	31.938	ng	91
33) 4-Chloroaniline	8.13	127	337362	43.316	ng	95
34) Hexachlorobutadiene	8.17	225	121012	41.073	ng	98
35) Caprolactam	8.52	113	75619m	44.854	ng	
36) 4-Chloro-3-methylphenol	8.63	107	236867	43.289	ng	88
37) 2-Methylnaphthalene	8.76	142	530719	41.989	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	250374	43.584	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	45736	47.339	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148014	42.596	ng	99
43) 2,4,5-Trichlorophenol	9.11	196	140040	37.978	ng	94
45) 1,1'-Biphenyl	9.22	154	689392	42.845	ng	98
46) 2-Chloronaphthalene	9.25	162	502300	42.985	ng	94
47) 2-Nitroaniline	9.36	65	137160	44.722	ng	88
48) Acenaphthylene	9.66	152	778888	43.276	ng	99
49) Dimethylphthalate	9.53	163	560823	39.816	ng	99
50) 2,6-Dinitrotoluene	9.60	165	126103	42.587	ng #	84
51) Acenaphthene	9.83	154	469418	42.685	ng	98
52) 3-Nitroaniline	9.78	138	157122	45.033	ng	91
53) 2,4-Dinitrophenol	9.93	184	50220	45.624	ng #	85
54) Dibenzofuran	10.00	168	690259	44.466	ng	100
55) 4-Nitrophenol	9.99	139	53436m	29.312	ng	
56) 2,4-Dinitrotoluene	10.02	165	173238	48.580	ng #	79
57) Fluorene	10.35	166	550203	42.808	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114785	44.398	ng #	89
59) Diethylphthalate	10.22	149	551513	40.095	ng	96
60) 4-Chlorophenyl-phenylether	10.33	204	261477	43.227	ng	93
61) 4-Nitroaniline	10.40	138	154010	46.266	ng	84
62) Azobenzene	10.50	77	467010	40.502	ng	88
64) 4,6-Dinitro-2-methylphenol	10.44	198	85289	42.451	ng #	70
65) n-Nitrosodiphenylamine	10.46	169	500688	42.437	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	143277	42.582	ng	94
67) Hexachlorobenzene	10.90	284	147184	42.757	ng	96
68) Atrazine	10.99	200	144847	40.871	ng	97
69) Pentachlorophenol	11.12	266	49514m	33.662	ng	
70) Phenanthrene	11.32	178	767532	42.553	ng	98
71) Anthracene	11.37	178	794552	43.397	ng	99
72) Carbazole	11.53	167	760651	44.180	ng	98
73) Di-n-butylphthalate	11.84	149	863822	39.336	ng #	98
74) Fluoranthene	12.51	202	795894	42.459	ng	99
76) Benzidine	12.63	184	328167	29.930	ng	99
77) Pyrene	12.74	202	819072	42.987	ng	98
79) Butylbenzylphthalate	13.34	149	365687	38.975	ng	87
80) Benzo(a)anthracene	13.93	228	644079	40.546	ng	98
81) 3,3'-Dichlorobenzidine	13.89	252	238225	41.314	ng	100
82) Chrysene	13.97	228	634803	42.507	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	443716	33.676	ng	98
84) Di-n-octyl phthalate	14.50	149	815654	36.067	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	464770	33.901	ng	97
87) Benzo(b)fluoranthene	14.98	252	545946	39.930	ng	97
88) Benzo(k)fluoranthene	15.01	252	611904	47.461	ng	98
89) Benzo(a)pyrene	15.34	252	521427	42.455	ng	98
90) Dibenzo(a,h)anthracene	16.86	278	399763	36.631	ng	99
91) Benzo(g,h,i)perylene	17.32	276	384195	35.983	ng	97

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

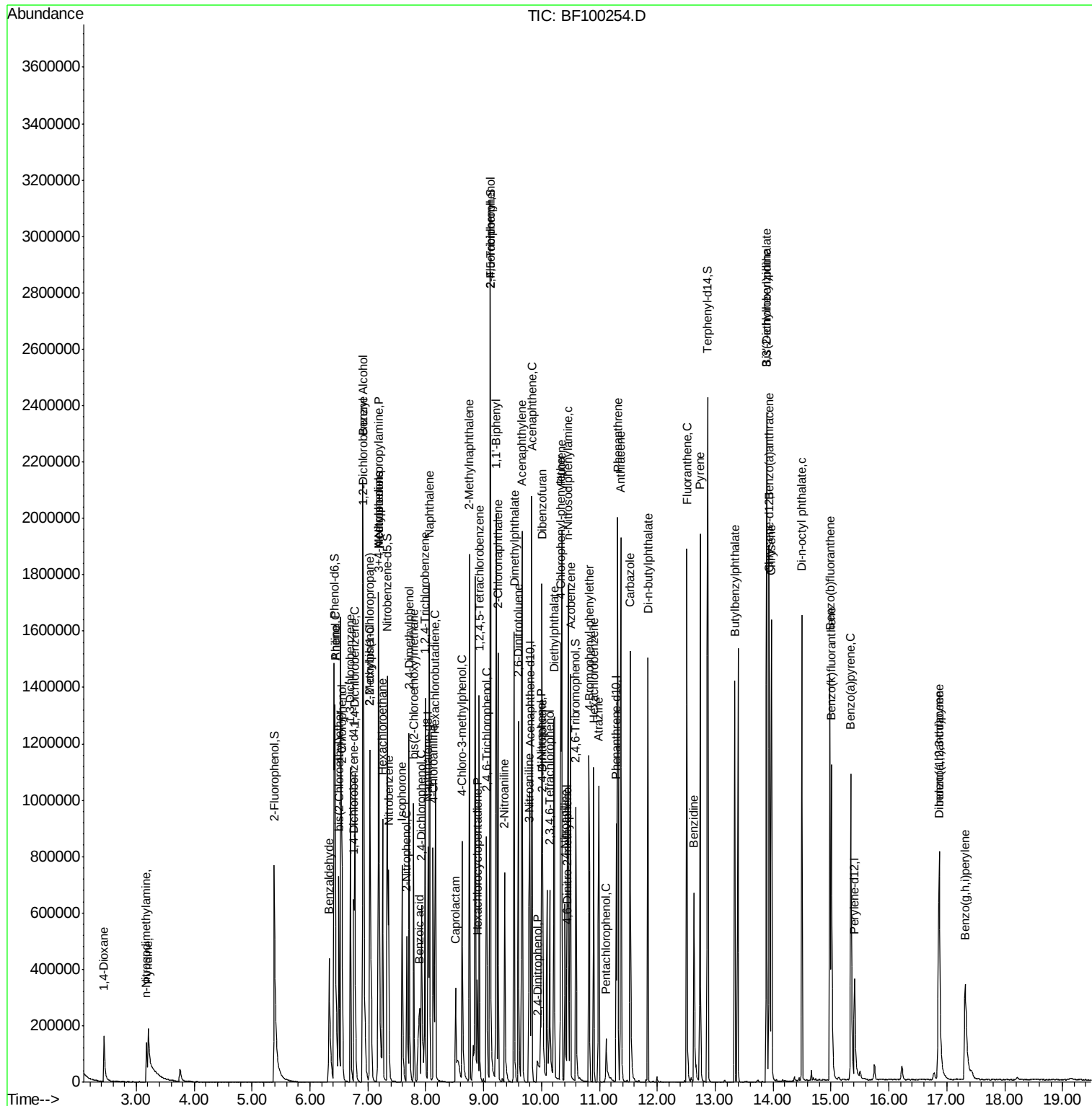
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
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Acq On    : 6 Nov 2017 16:37
Operator  : SJ/JU
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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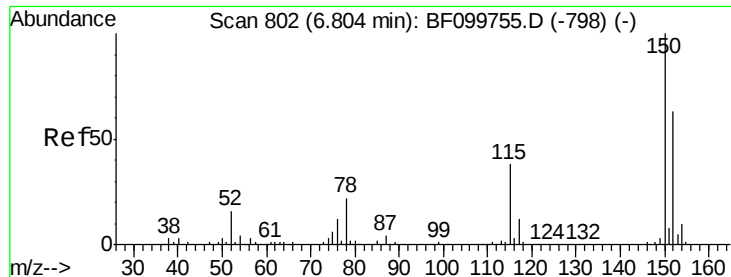
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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11/7/2017 5:39:47 PM

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#1

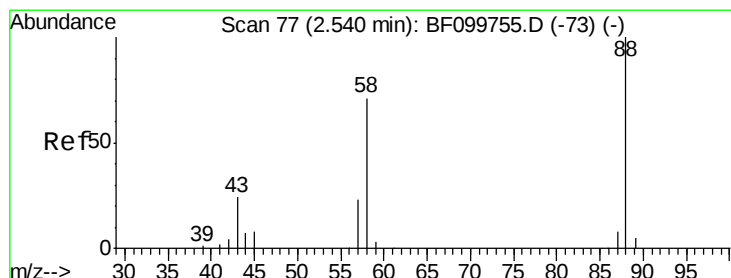
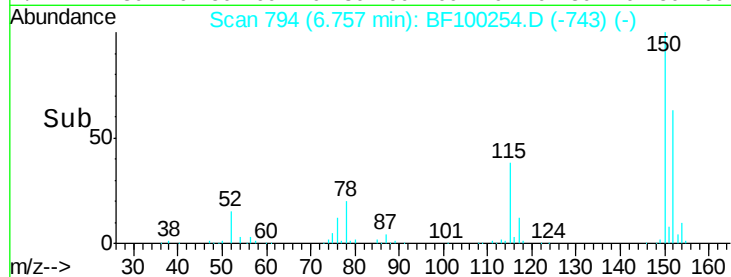
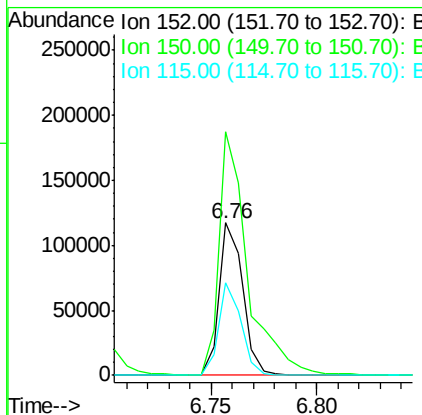
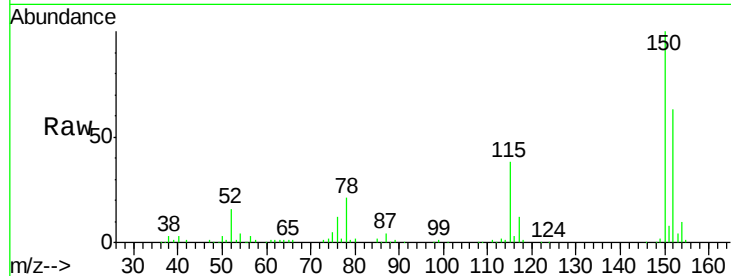
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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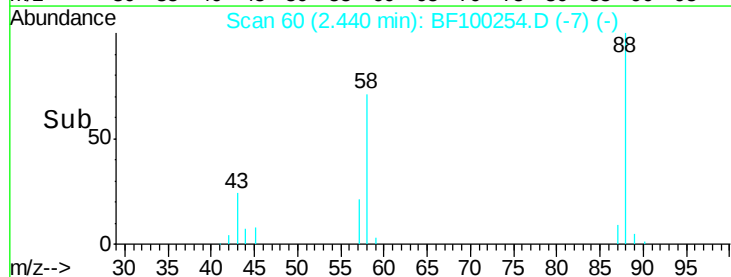
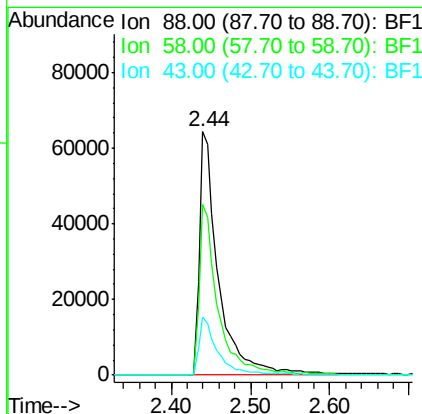
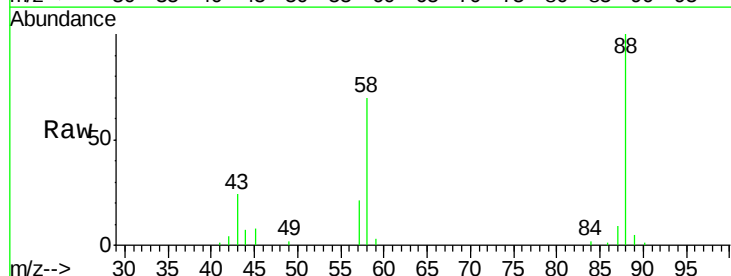
Sohil
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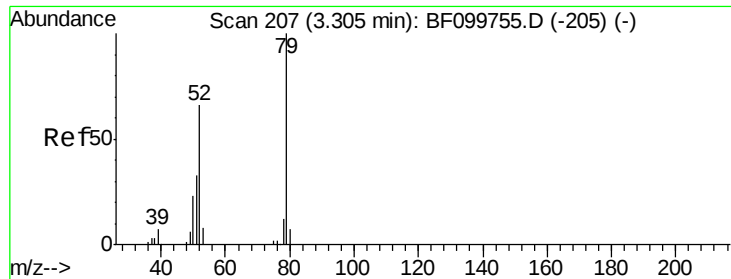


#2

1,4-Dioxane
Concen: 42.570 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	62.6	93.8
43	22.6	24.6	37.0





#3

Pyridine

Concen: 44.322 ng m

RT: 3.20 min Scan# 190

Delta R.T. 0.02 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

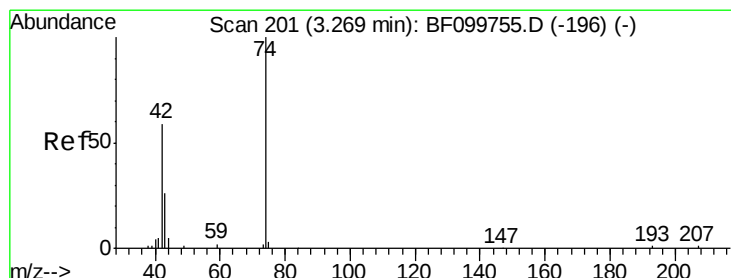
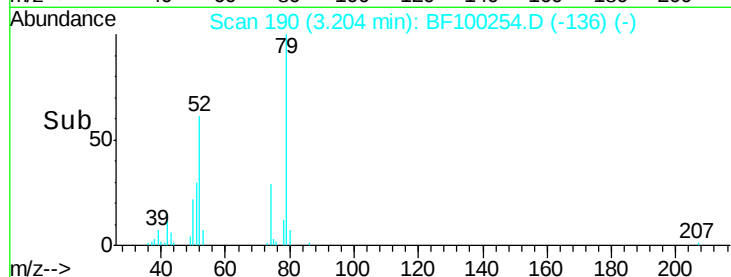
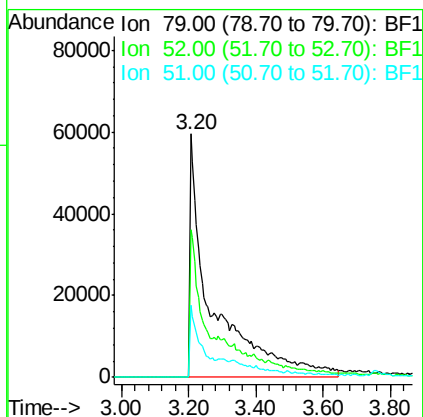
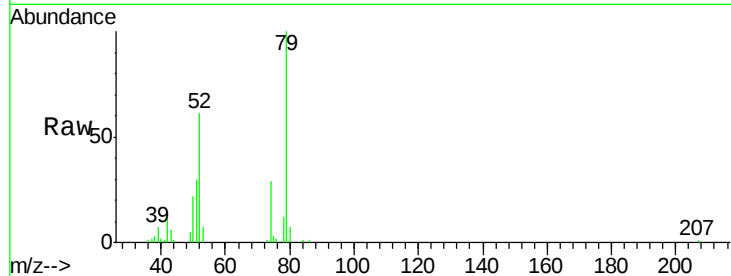
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	274289
Ion	Ratio	Lower	Upper
79	100		
52	60.9	59.8	89.6
51	29.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 41.264 ng

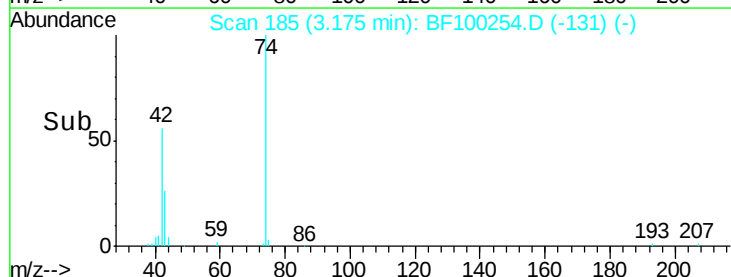
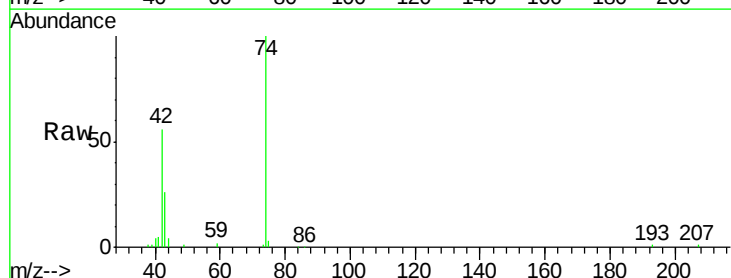
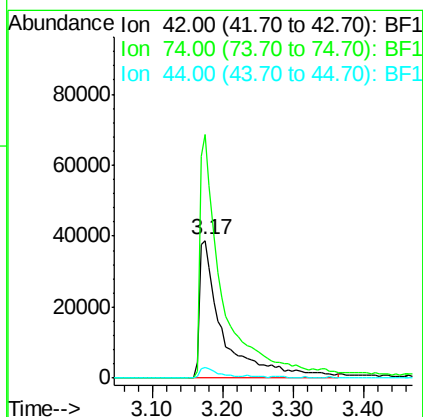
RT: 3.17 min Scan# 185

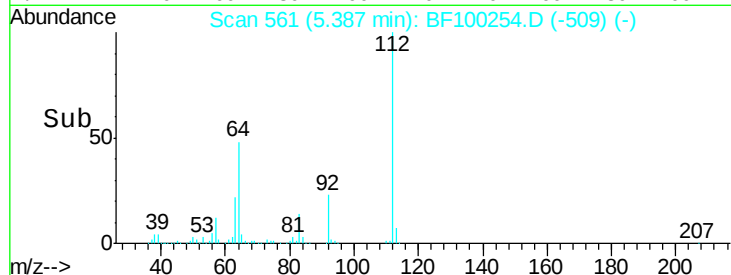
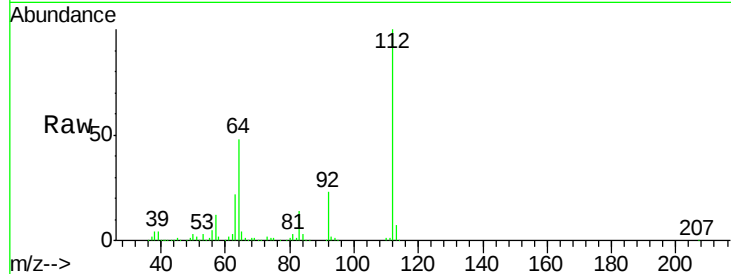
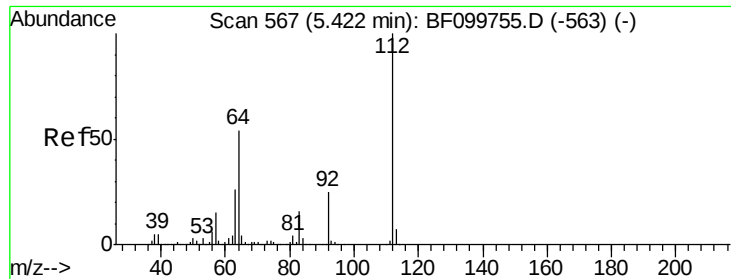
Delta R.T. 0.02 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	42	Resp:	91231
Ion	Ratio	Lower	Upper
42	100		
74	177.2	104.9	157.3#
44	7.4	6.9	10.3





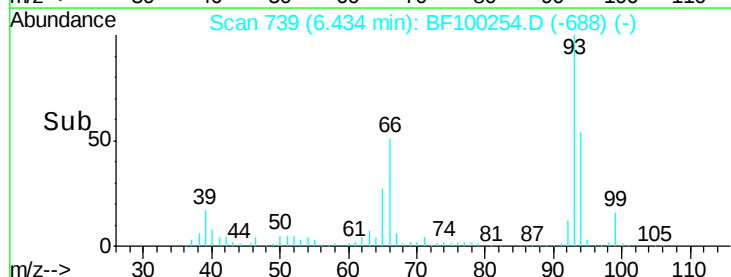
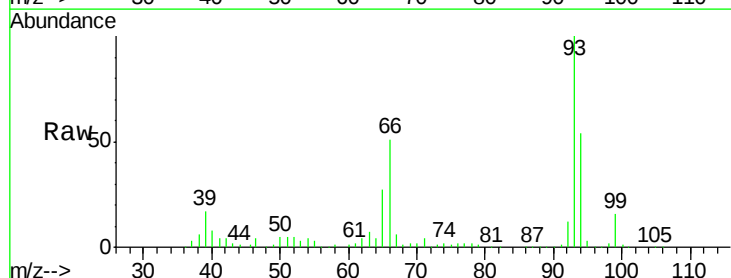
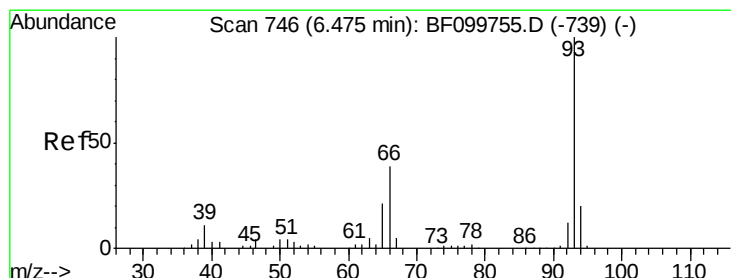
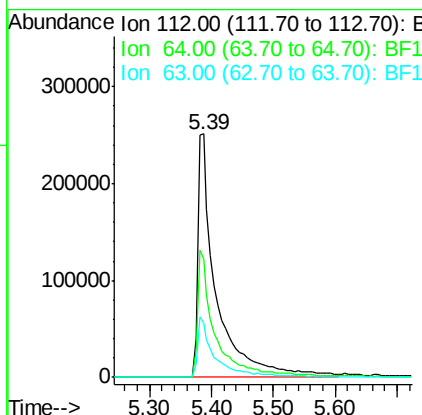
#5
2-Fluorophenol
Concen: 90.627 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	48.4	47.9	71.9
63	22.3	23.7	35.5#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

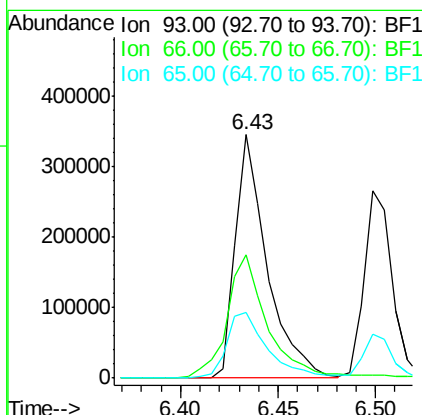
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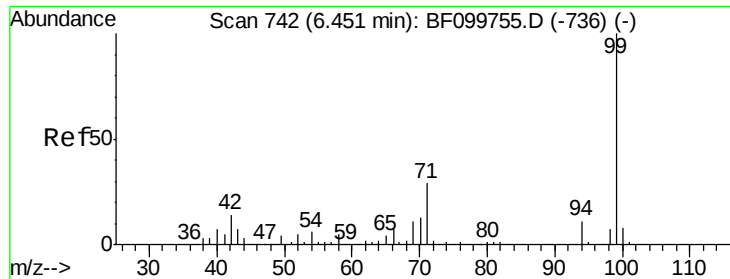
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#6
Aniline
Concen: 43.744 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	50.6	32.2	48.2#
65	27.2	16.4	24.6#





#7

Phenol-d6

Concen: 88.612 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

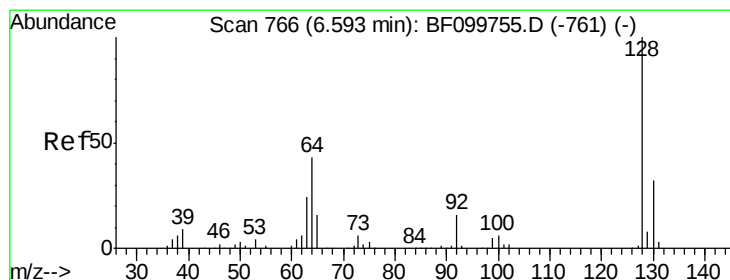
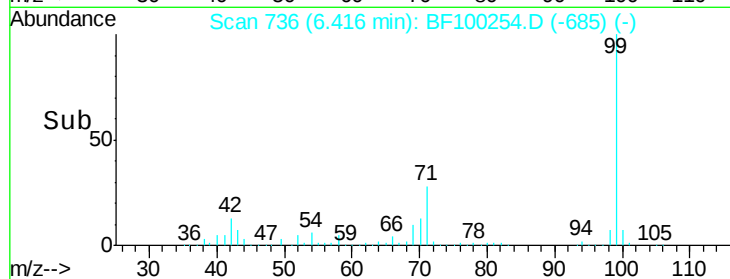
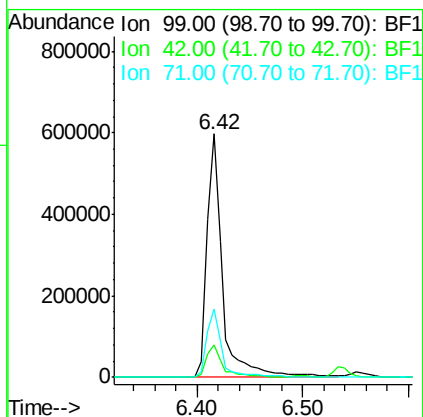
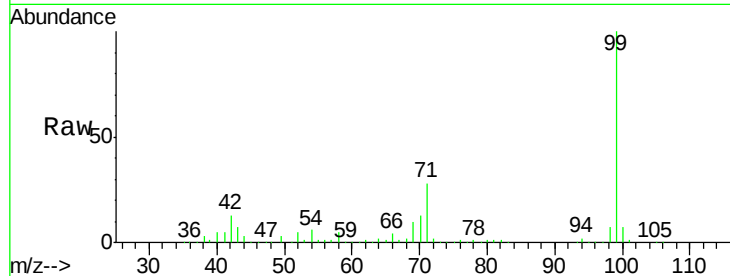
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	612307
Ion Ratio	Lower	Upper	
99	100		
42	13.2	14.5	21.7#
71	28.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 44.837 ng

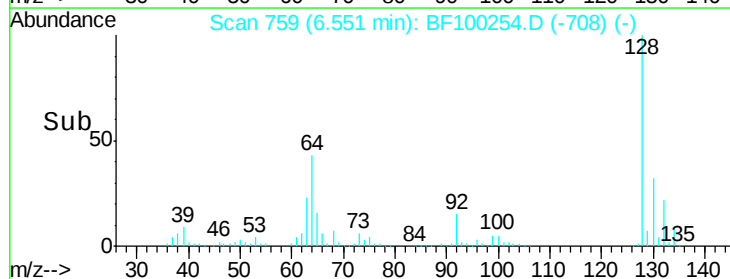
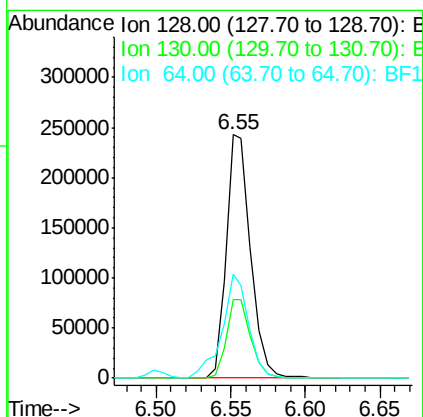
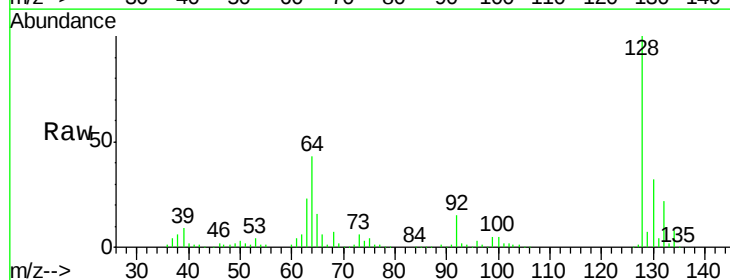
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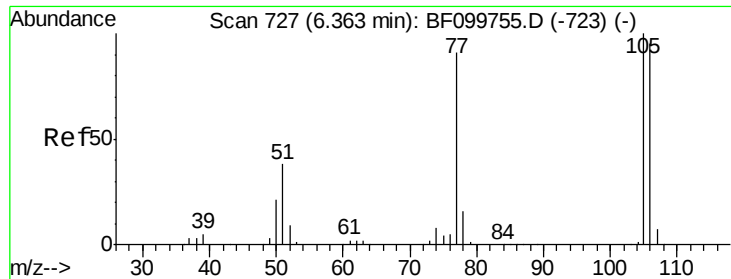
Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	128	Resp:	278482
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	42.6	29.4	69.4





#9

Benzaldehyde

Concen: 37.650 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

ClientSampleId :

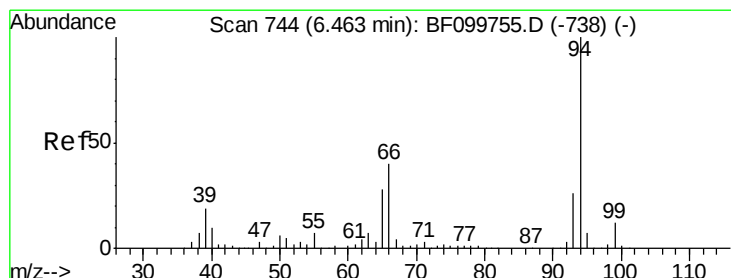
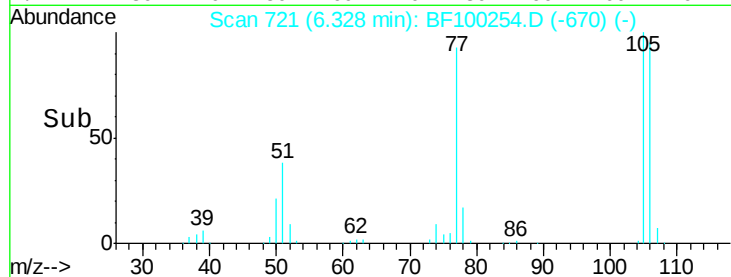
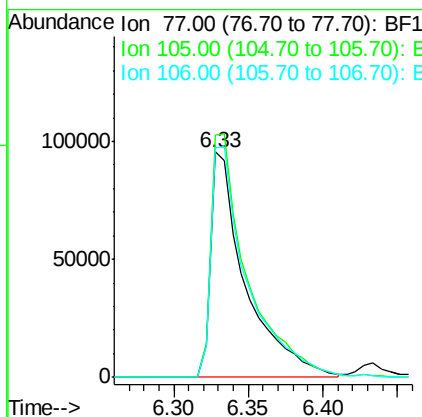
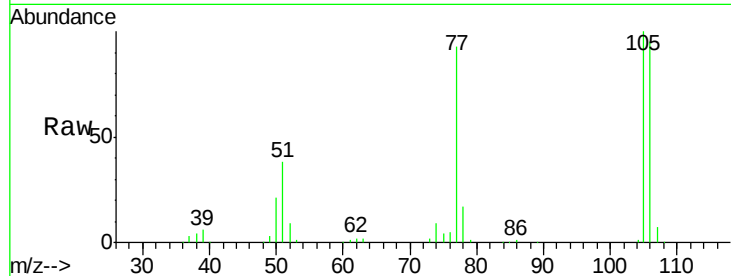
SSTDCCC040

Tgt Ion: 77 Resp: 155462

Ion	Ratio	Lower	Upper
77	100		
105	107.2	81.1	121.1
106	101.8	74.5	114.5

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#10

Phenol

Concen: 42.460 ng

RT: 6.43 min Scan# 738

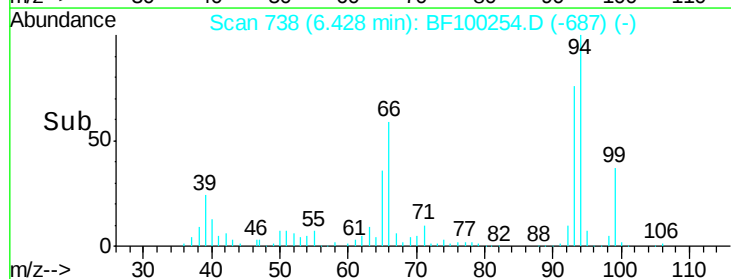
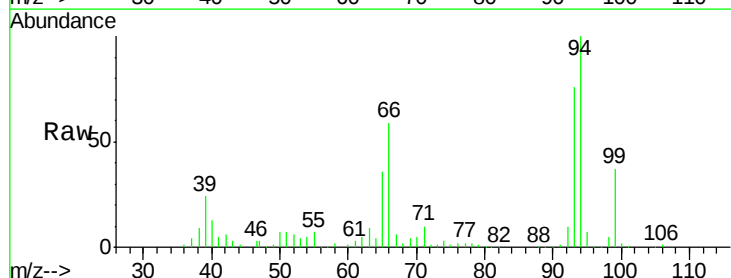
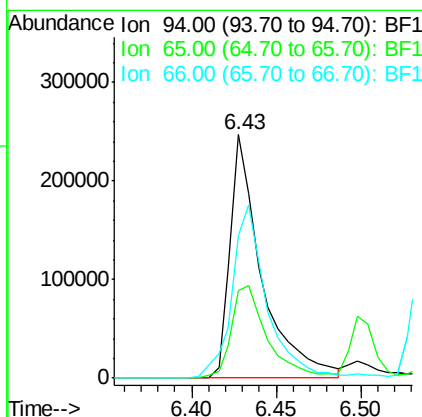
Delta R.T. -0.00 min

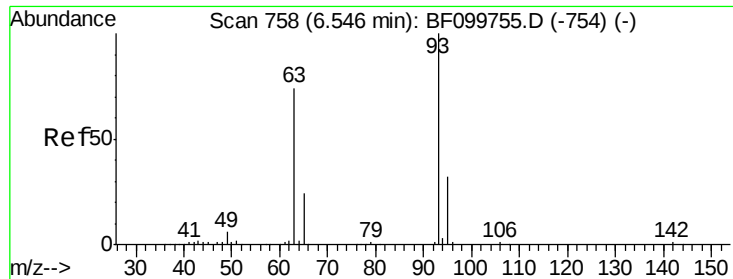
Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion: 94 Resp: 322135

Ion	Ratio	Lower	Upper
94	100		
65	35.8	7.9	47.9
66	58.7	16.2	56.2





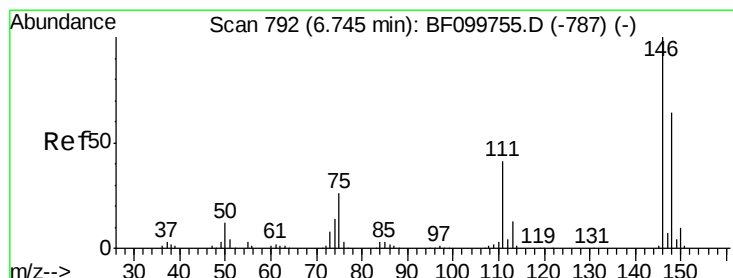
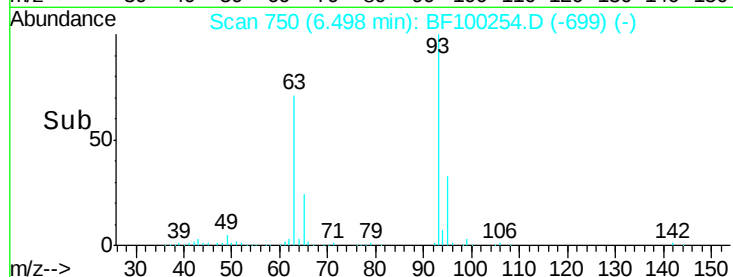
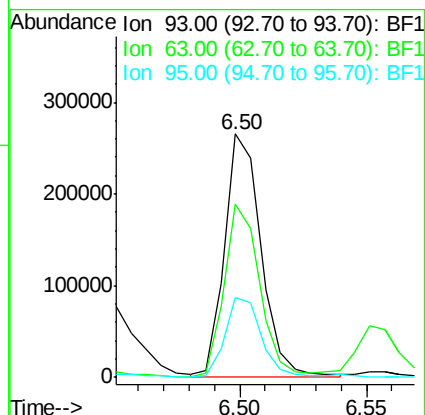
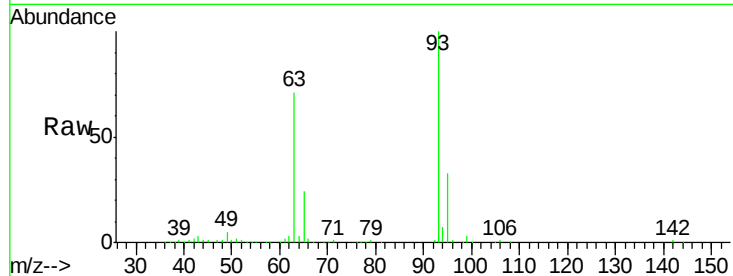
#11
bis(2-Chloroethyl)ether
Concen: 45.442 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.3	58.6	98.6
95	32.6	11.8	51.8

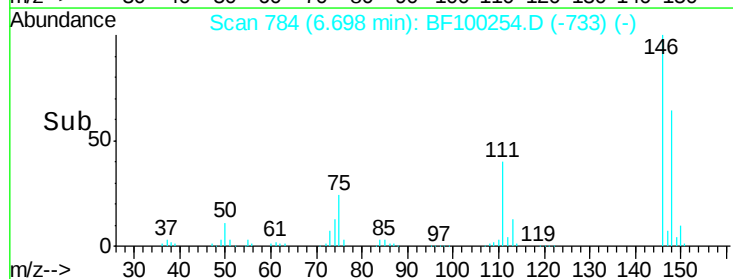
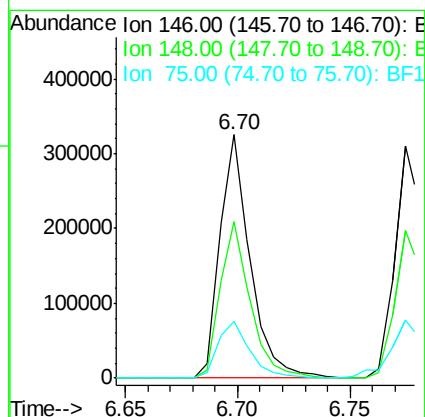
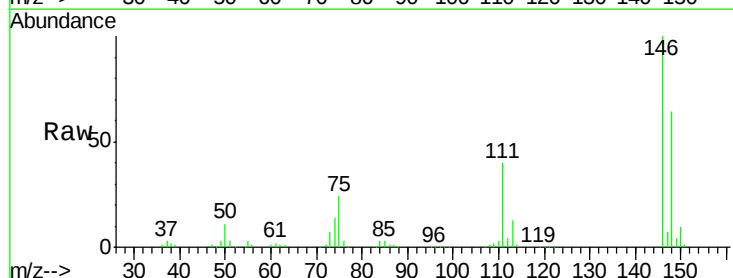
Manual Integrations
APPROVED

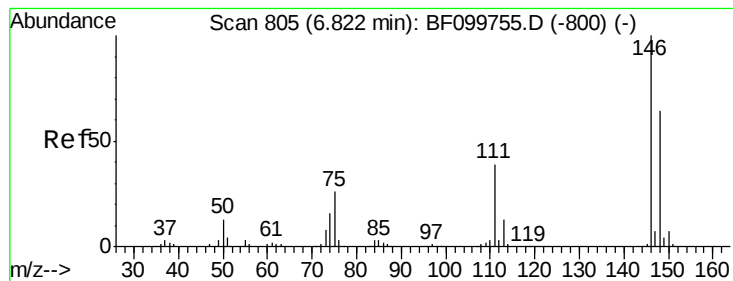
Sohil
11/7/2017 5:39:47 PM



#12
1,3-Dichlorobenzene
Concen: 43.669 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	23.5	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 44.819 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

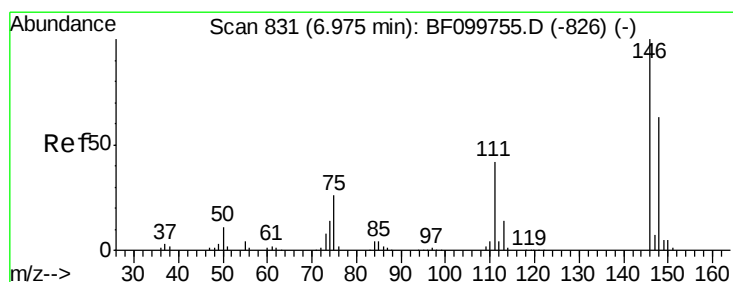
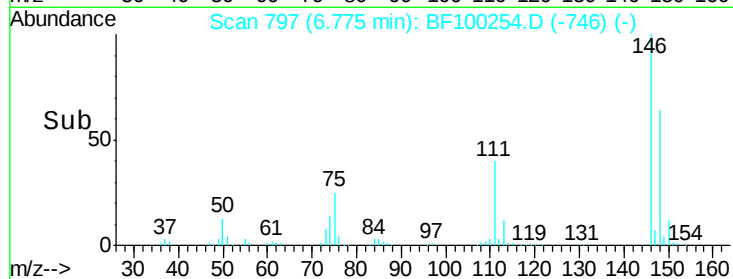
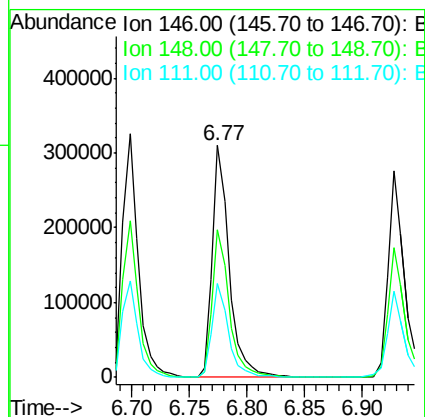
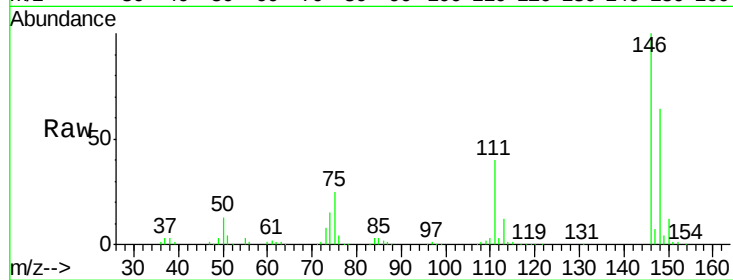
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	317223
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	40.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 43.758 ng

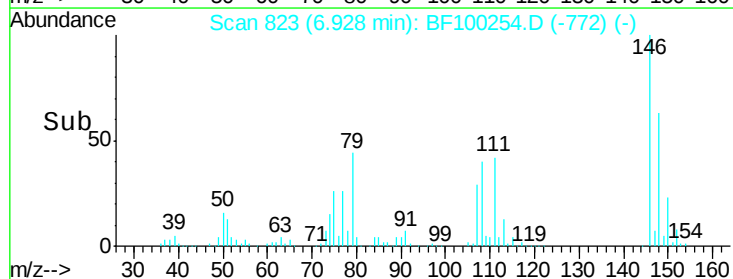
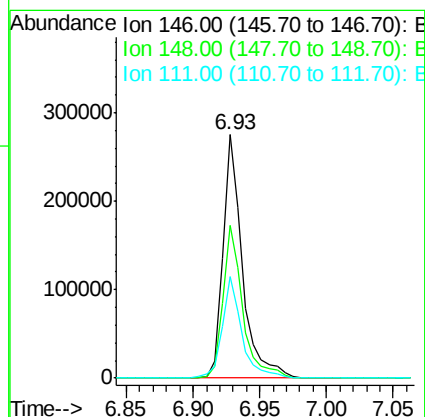
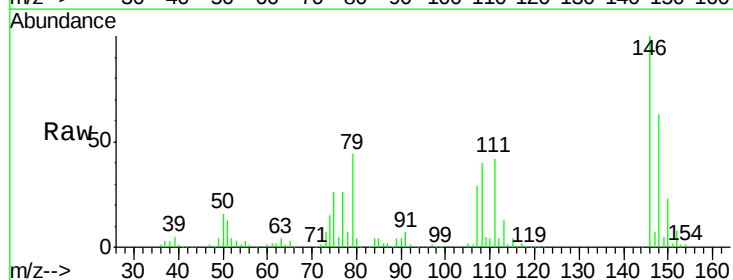
RT: 6.93 min Scan# 823

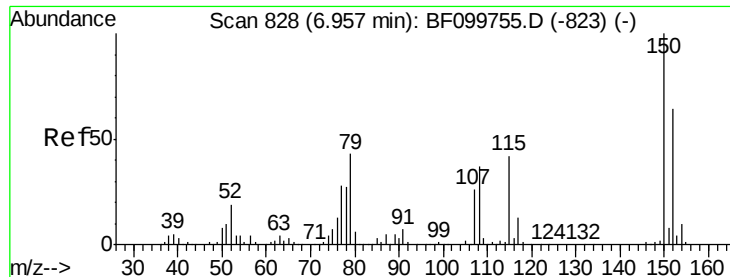
Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	146	Resp:	282266
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.6	75.8
111	41.6	36.0	54.0





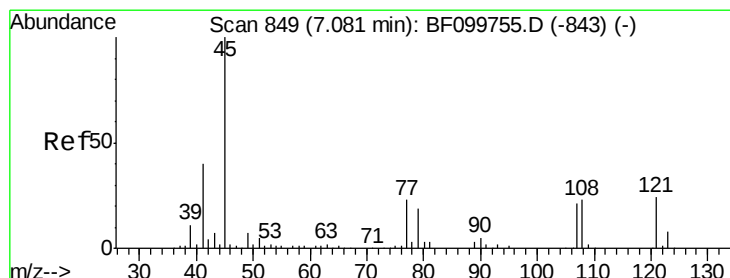
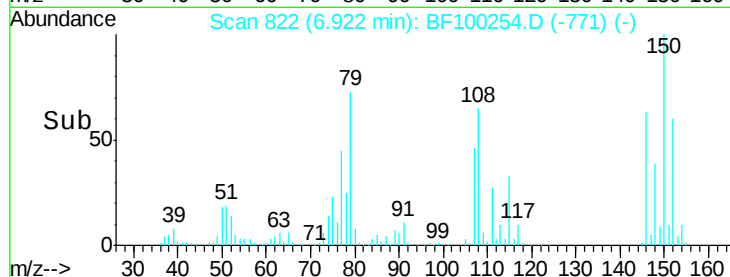
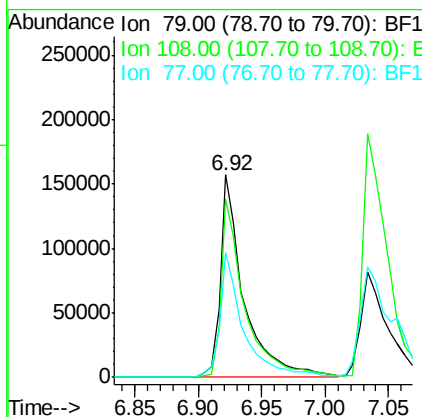
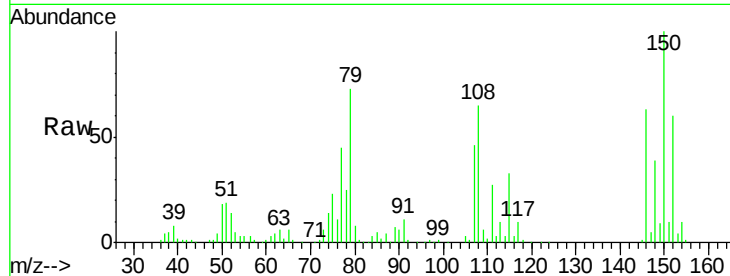
#15
Benzyl Alcohol
Concen: 46.437 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	88.3	65.1	97.7
77	61.8	50.6	75.8

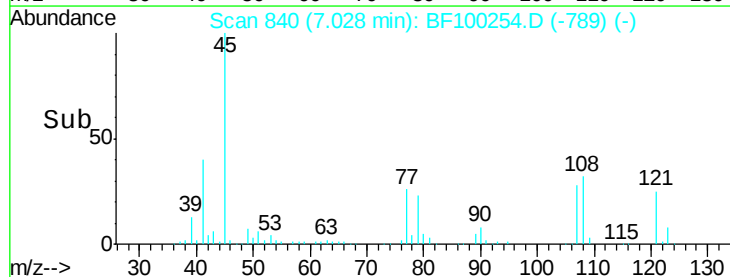
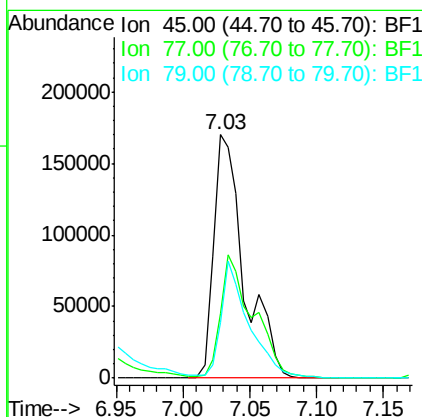
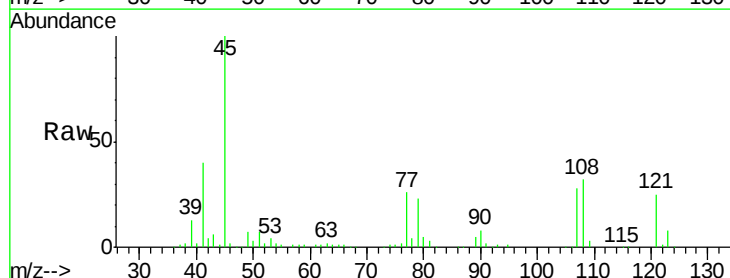
Manual Integrations
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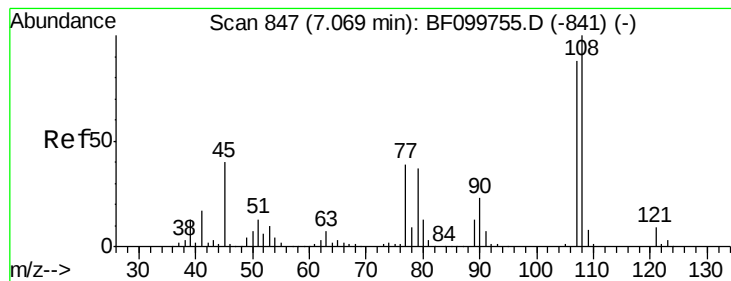
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.841 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	32.9
79	22.8	0.0	29.6





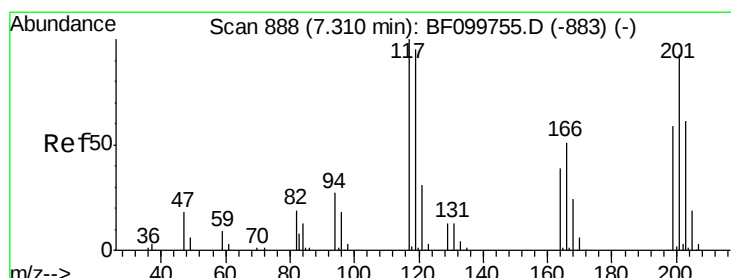
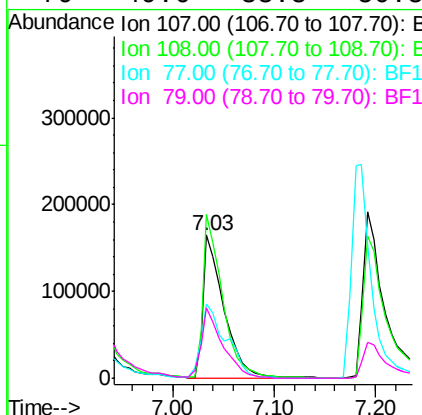
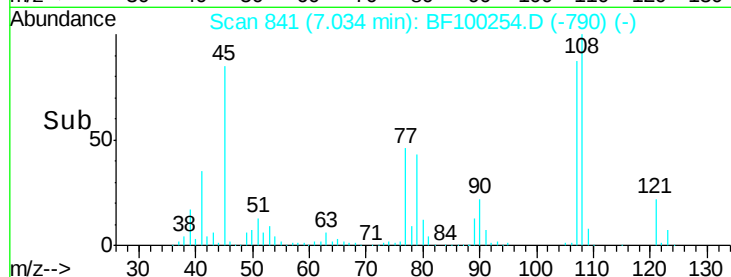
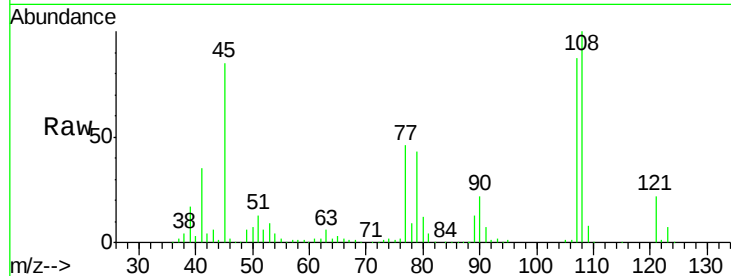
#17
2-Methylphenol
Concen: 45.618 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	237003		
108	114.5	91.7	137.5	
77	52.2	33.8	50.8	
79	49.6	33.8	50.8	

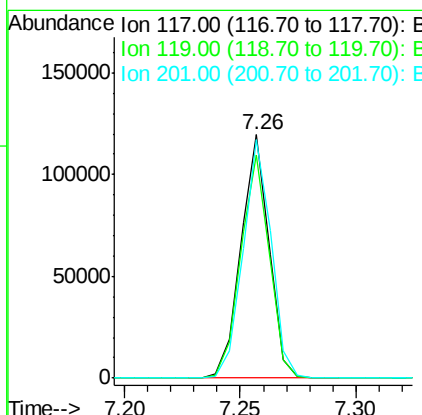
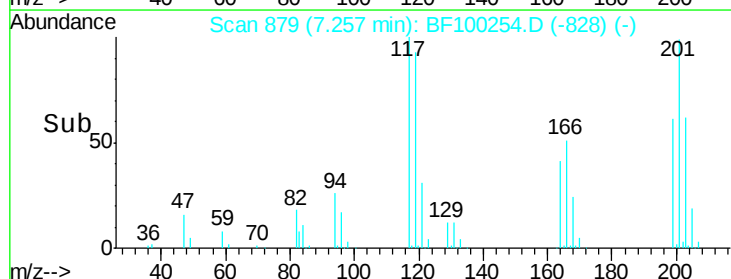
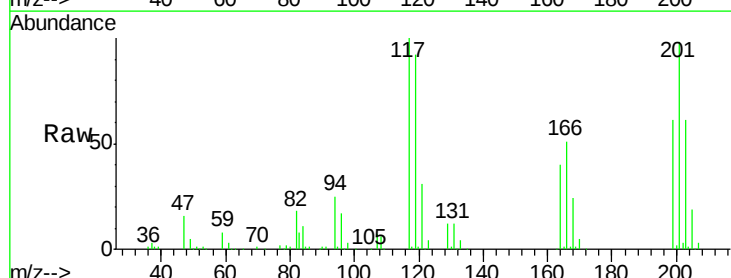
Manual Integrations
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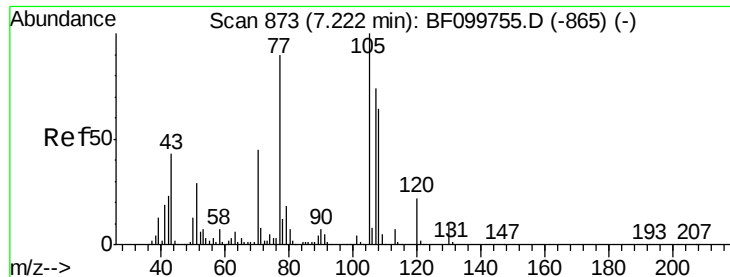
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#18
Hexachloroethane
Concen: 43.049 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101655		
119	91.9	75.8	113.8	
201	97.8	75.7	113.5	





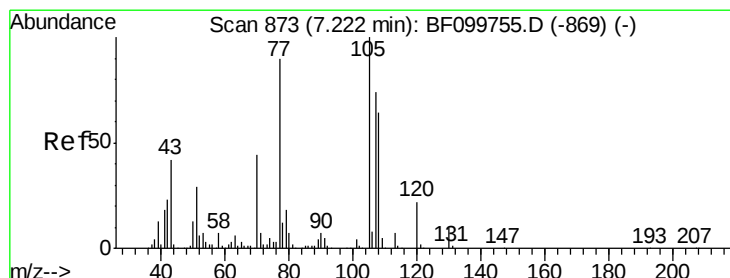
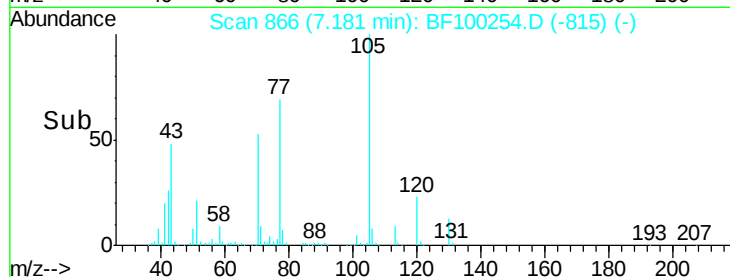
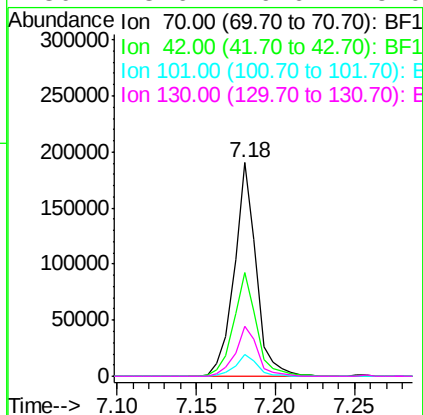
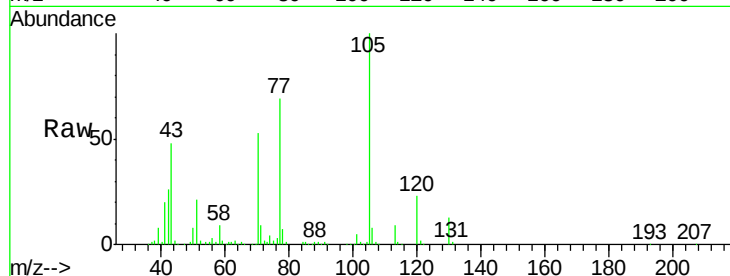
#19
n-Nitroso-di-n-propylamine
Concen: 45.103 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	10.0	7.4	11.2
130	23.6	16.6	25.0

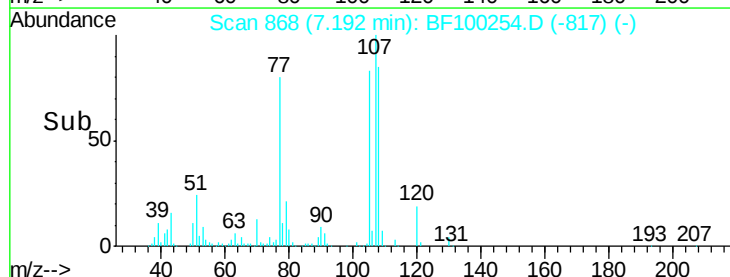
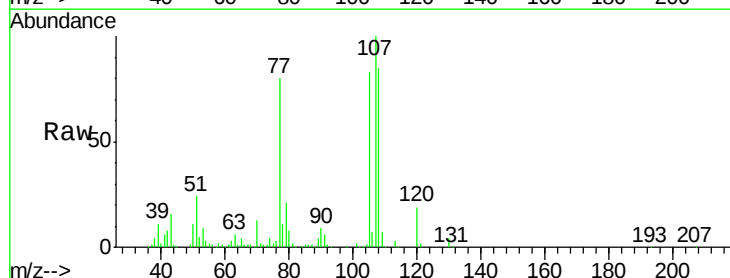
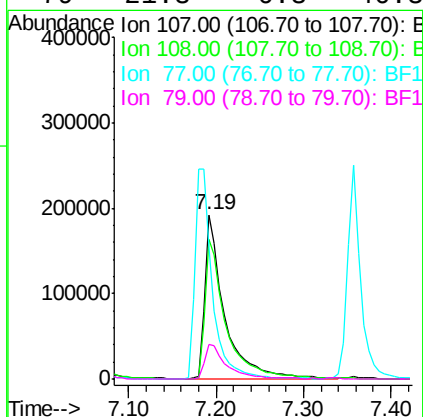
Manual Integrations
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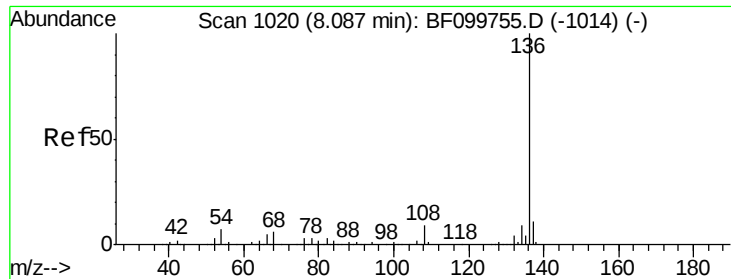
Sohil
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#20
3+4-Methylphenols
Concen: 49.759 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.2	108.2
77	80.0	26.7	66.7#
79	21.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

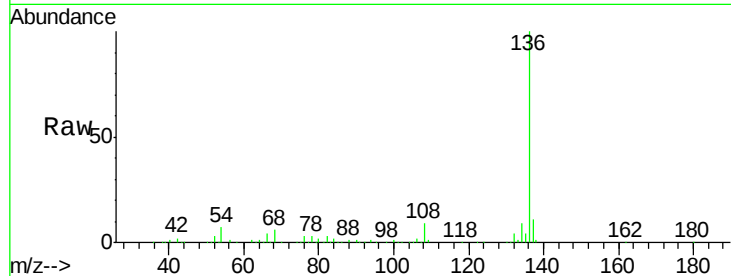
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	390732		
137	11.3	8.9	13.3	
54	6.8	6.6	9.8	
68	5.8	5.0	7.4	

Manual Integrations
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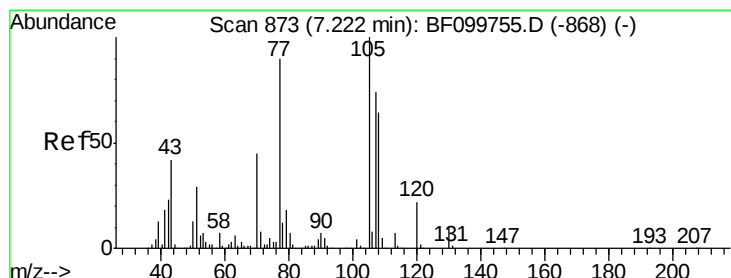
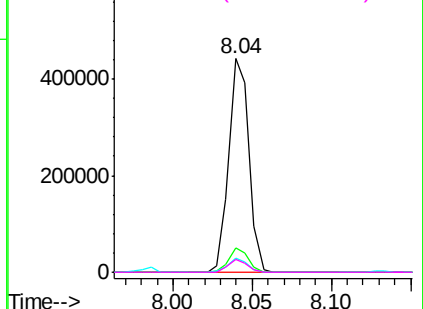
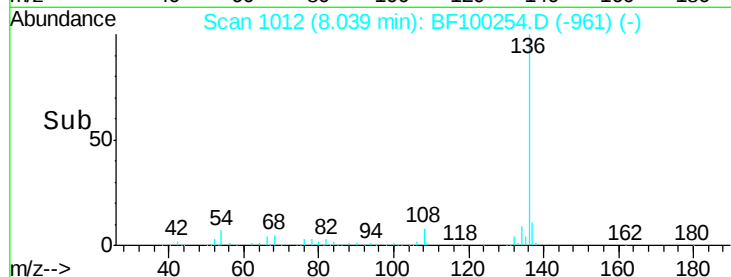


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.351 ng

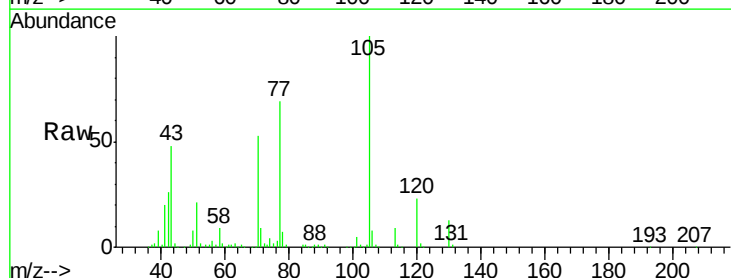
RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	385676		
71	9.1	4.4	6.6#	
51	20.7	22.3	33.5#	
120	22.7	16.9	25.3	

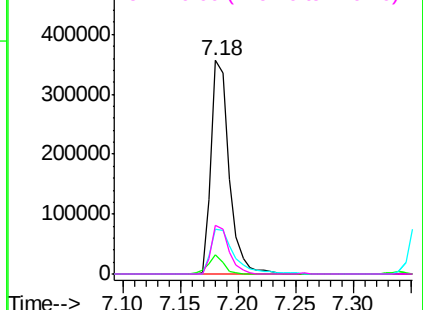
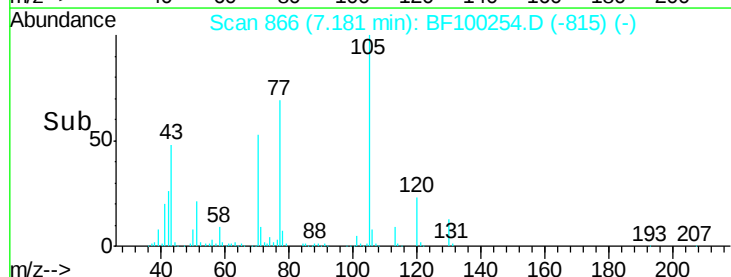


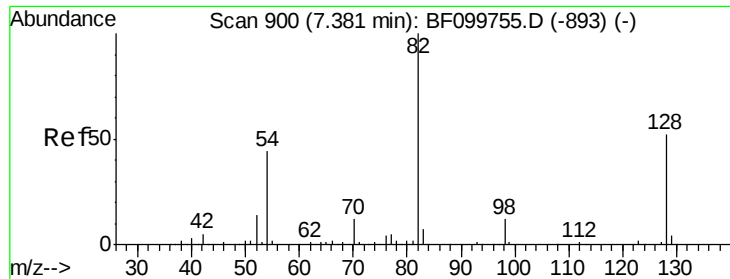
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





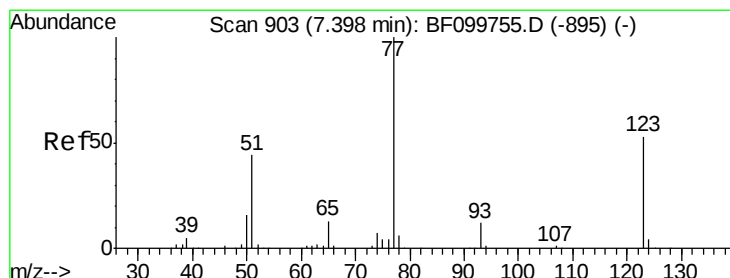
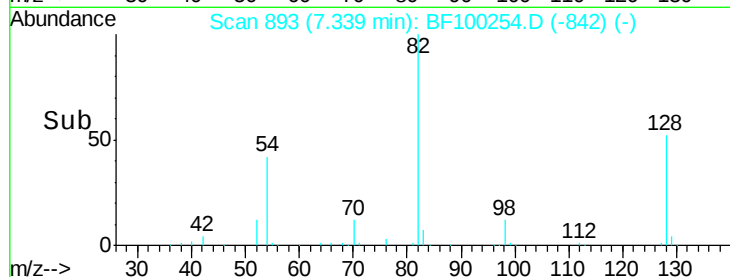
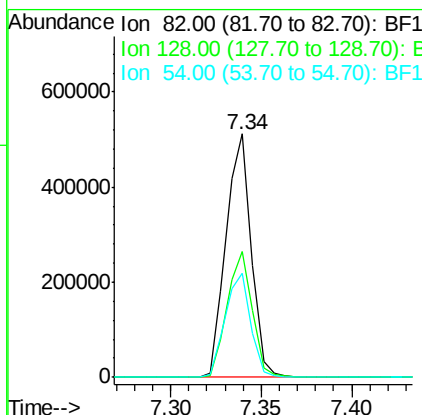
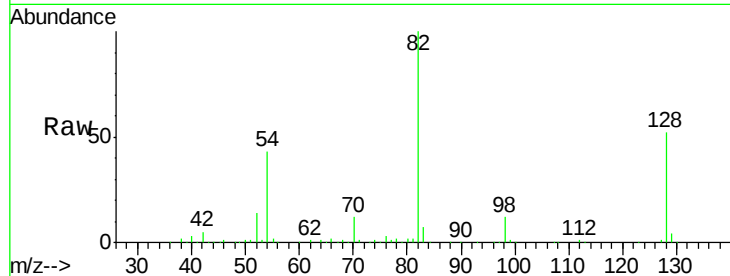
#23
Nitrobenzene-d5
Concen: 81.831 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	496643		
128	51.8	36.1	54.1	
54	42.7	41.4	62.2	

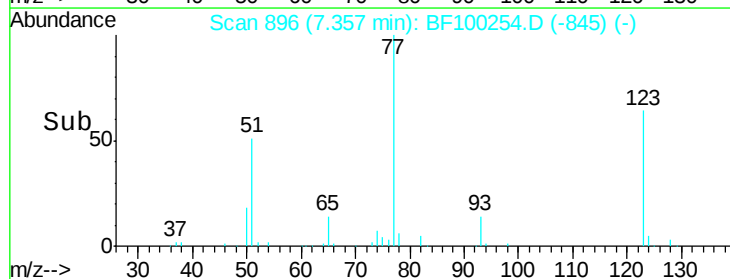
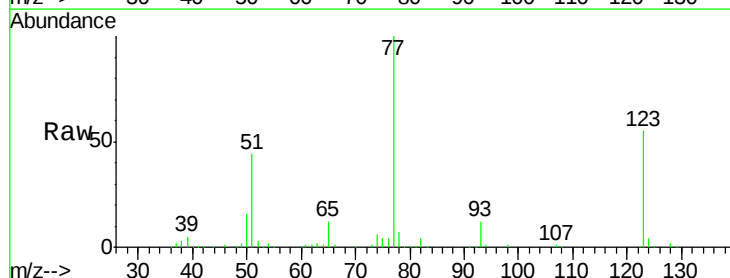
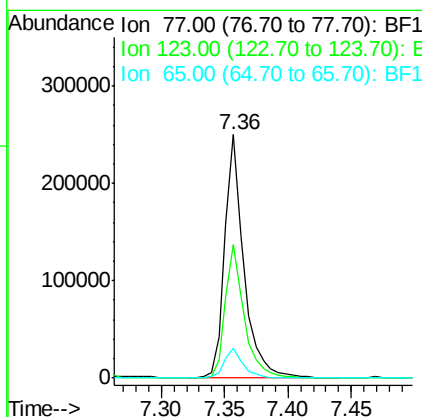
Manual Integrations
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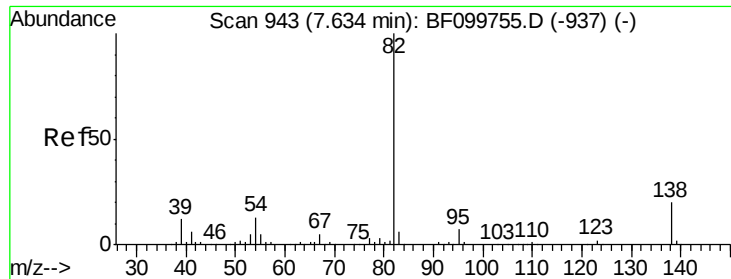
Sohil
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#24
Nitrobenzene
Concen: 42.528 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	260066		
123	55.0	37.9	56.9	
65	12.0	11.0	16.4	





#25

Isophorone

Concen: 41.291 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

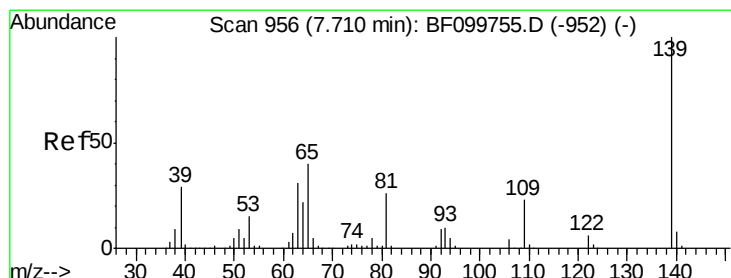
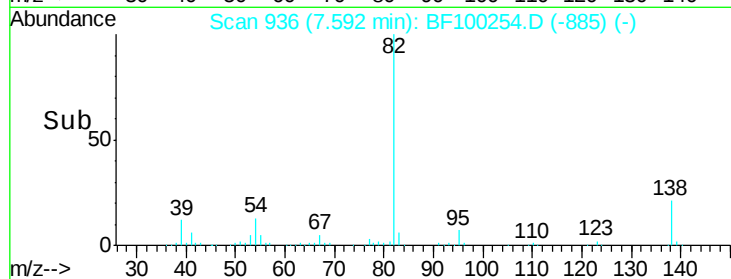
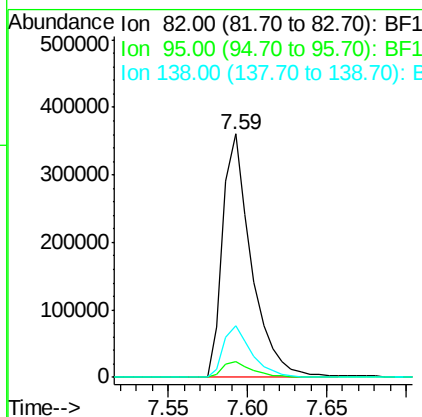
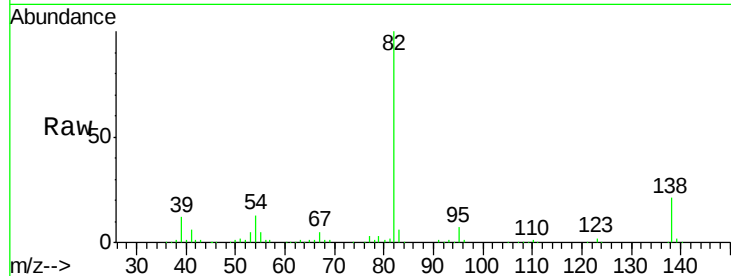
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	454728
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	21.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.560 ng

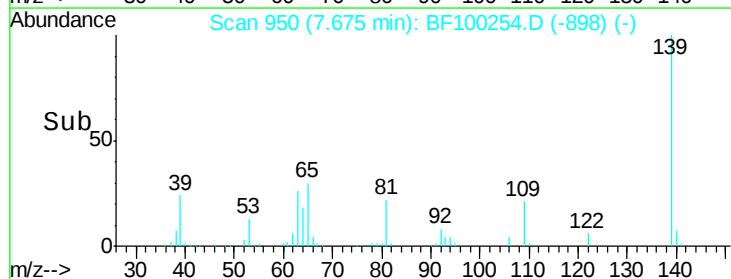
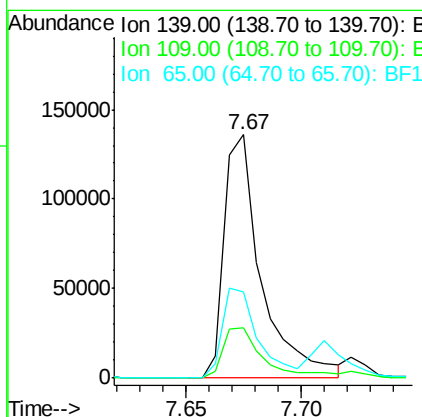
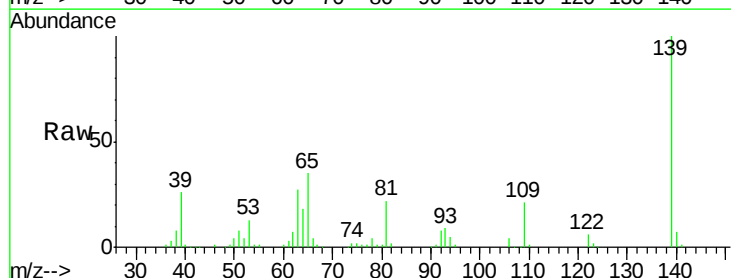
RT: 7.67 min Scan# 950

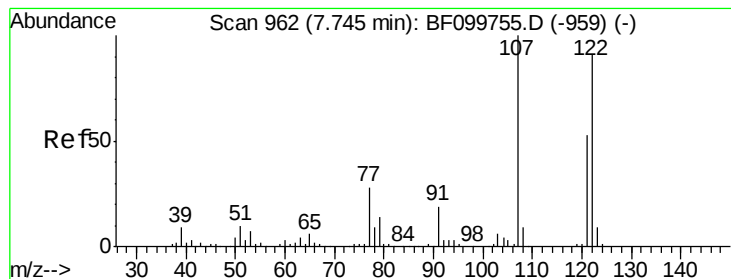
Delta R.T. 0.01 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	139	Resp:	152567
Ion Ratio		Lower	Upper
139	100		
109	20.7	22.7	34.1#
65	35.5	40.5	60.7#





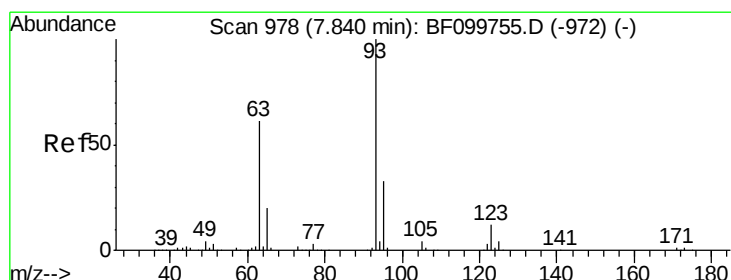
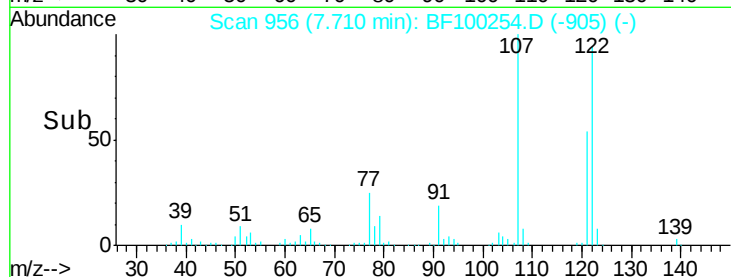
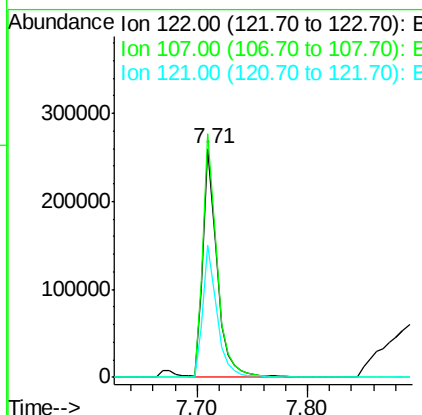
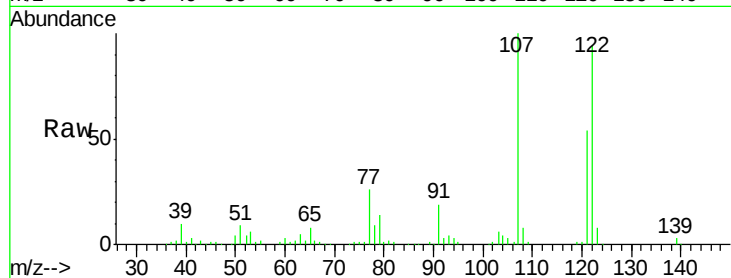
#27
2,4-Dimethylphenol
Concen: 43.867 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.6	91.2	136.8
121	57.7	47.2	70.8

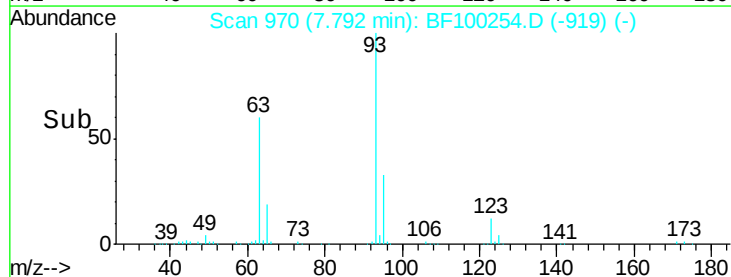
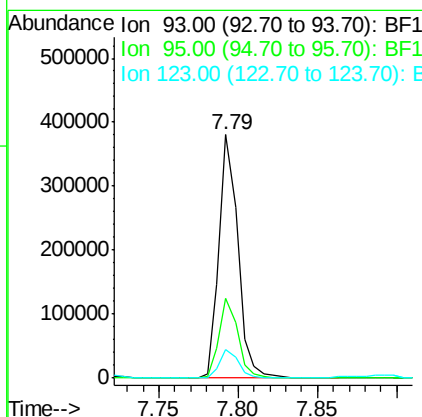
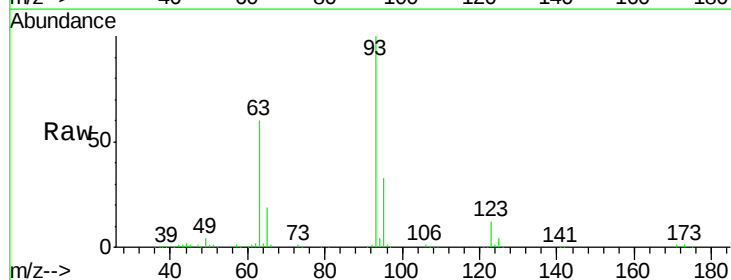
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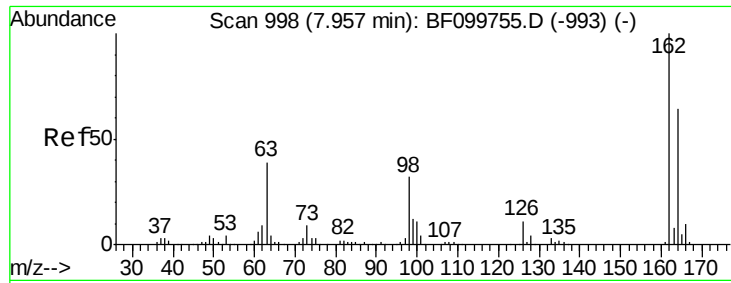
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.187 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6





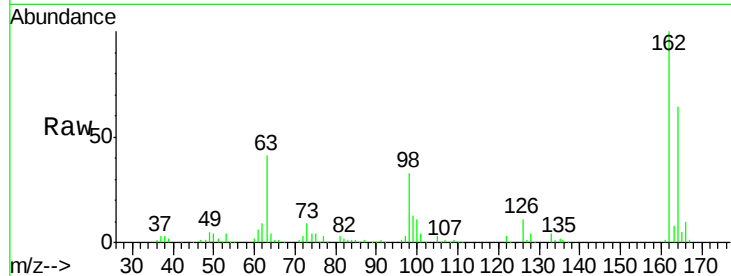
#29
2,4-Dichlorophenol
Concen: 44.830 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	240330		
164	64.1	42.7	82.7	
98	32.6	18.1	58.1	

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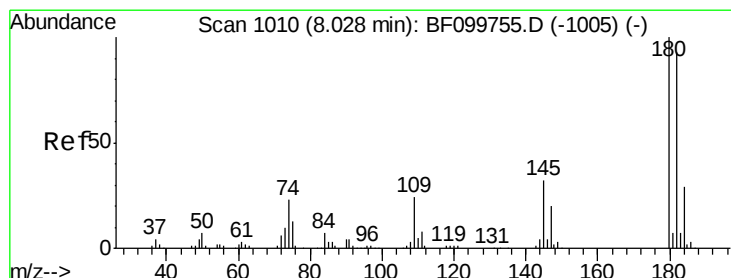
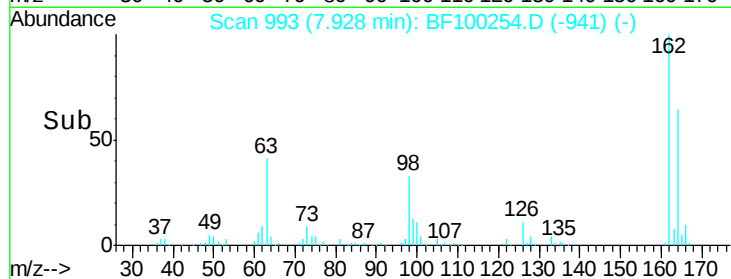
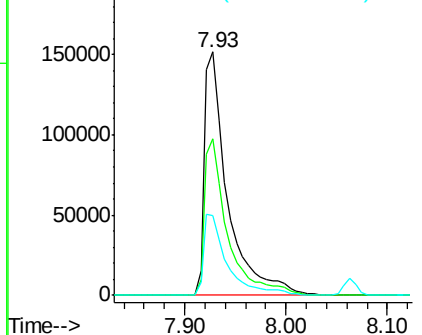


Abundance

Ion 162.00 (161.70 to 162.70): E

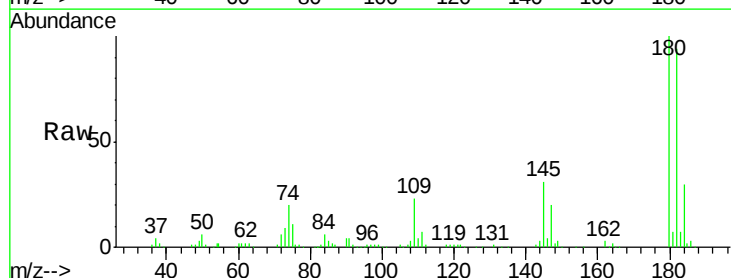
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.720 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238972		
182	93.9	76.8	115.2	
145	30.8	26.5	39.7	

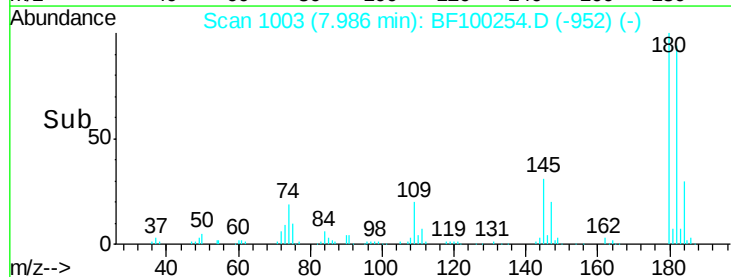
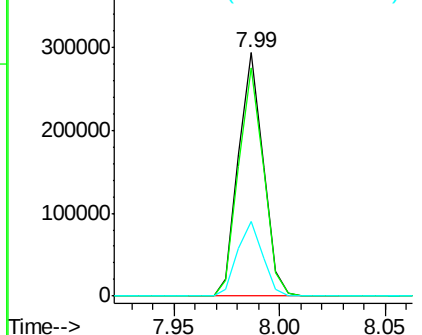


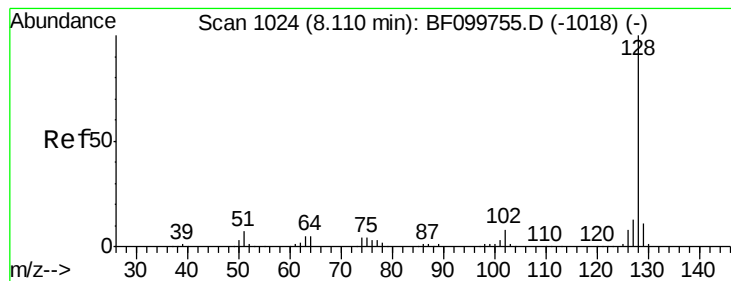
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.033 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

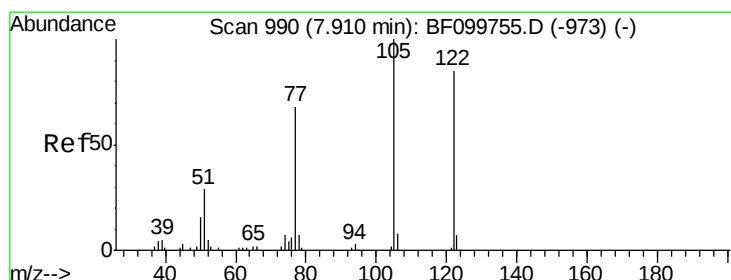
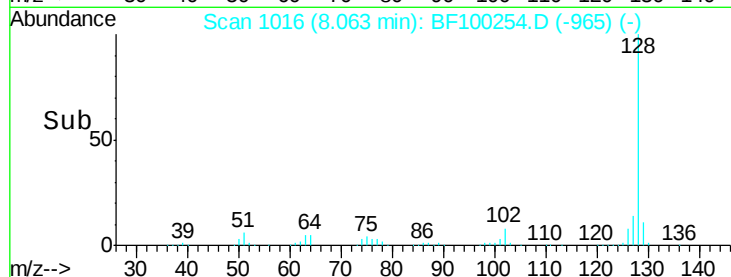
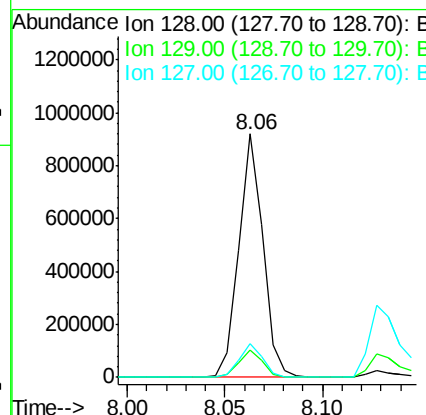
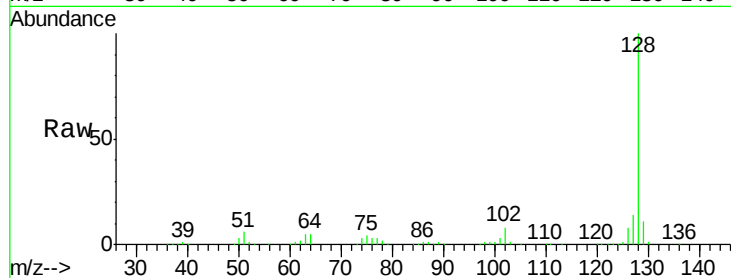
ClientSampleId :

SSTDCCC040

Tgt Ion:	128	Resp:	792781
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.8	10.9	16.3

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#32

Benzoic acid

Concen: 31.938 ng

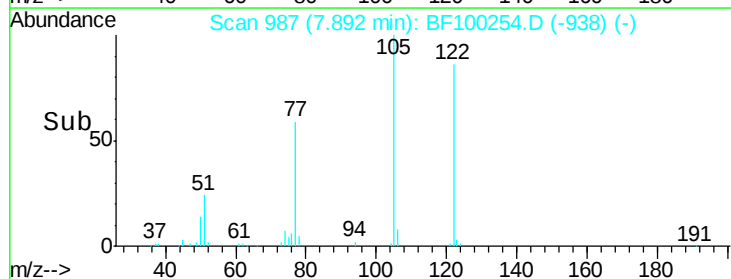
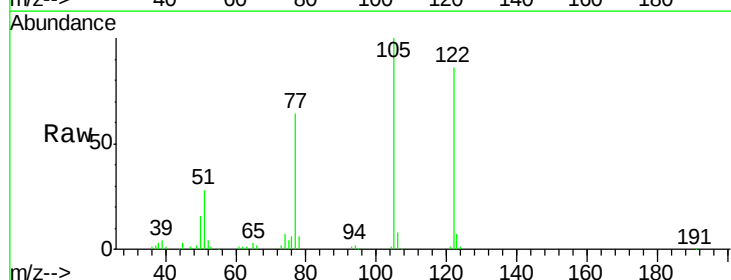
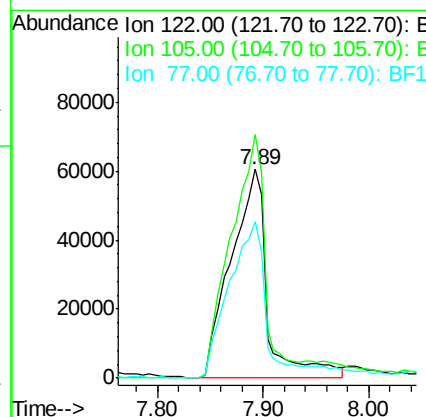
RT: 7.89 min Scan# 987

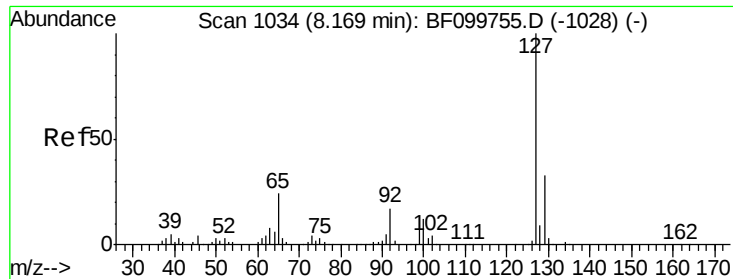
Delta R.T. -0.01 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	122	Resp:	145074
Ion Ratio	Lower	Upper	
122	100		
105	116.8	101.1	141.1
77	74.9	70.7	110.7





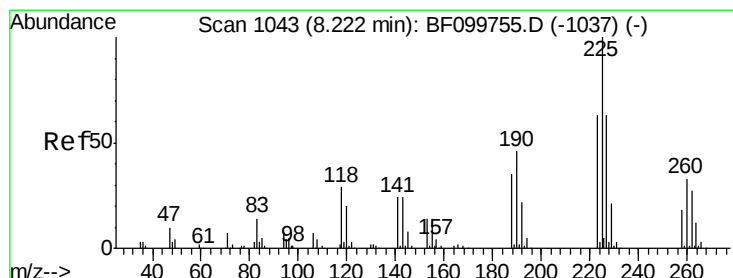
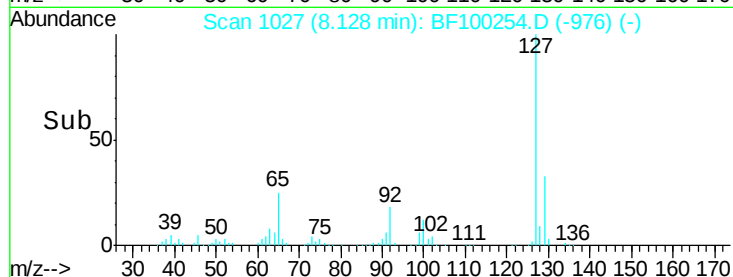
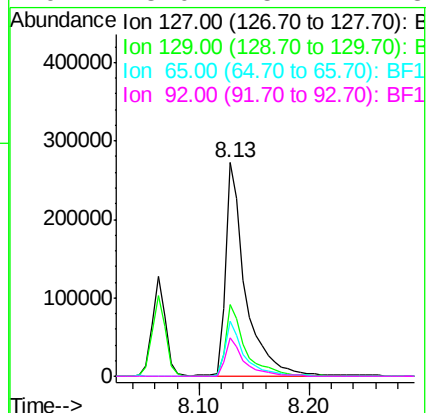
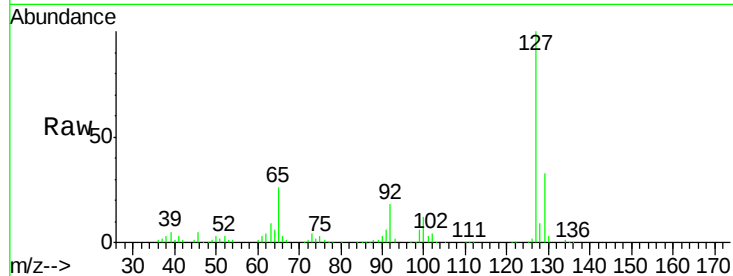
#33
4-Chloroaniline
Concen: 43.316 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	337362		
129	33.4	25.9	38.9	
65	25.7	25.0	37.4	
92	18.0	15.2	22.8	

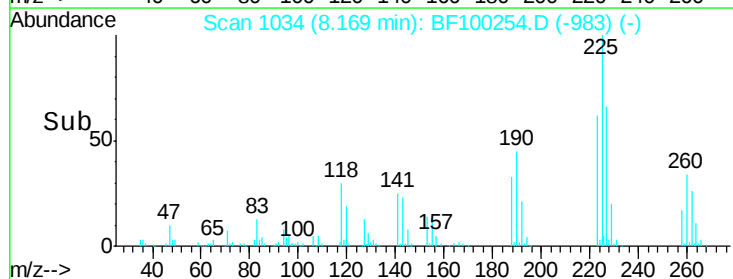
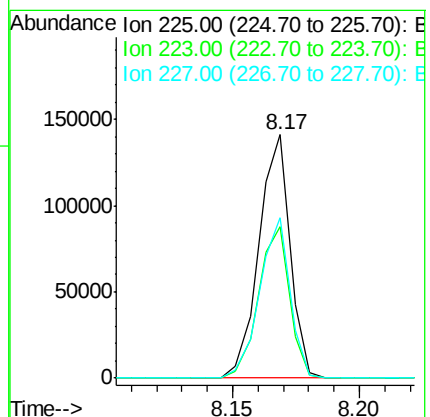
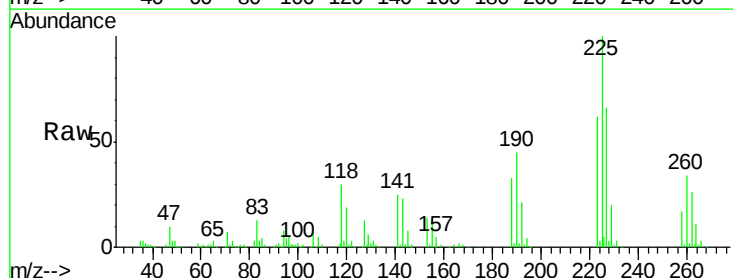
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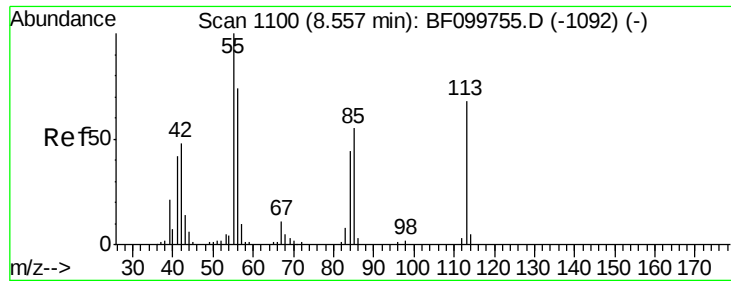
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#34
Hexachlorobutadiene
Concen: 41.073 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121012		
223	62.1	50.6	76.0	
227	66.0	51.9	77.9	





#35

Caprolactam

Concen: 44.854 ng m

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

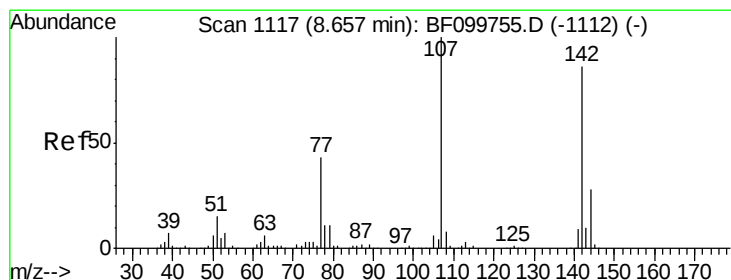
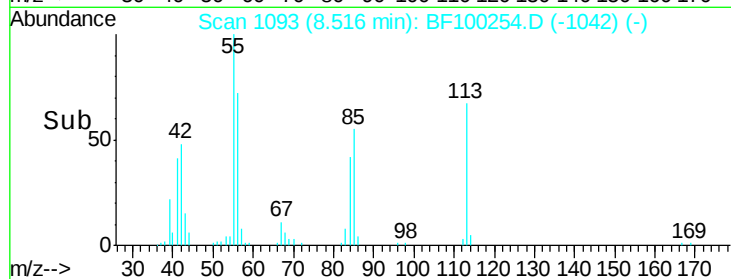
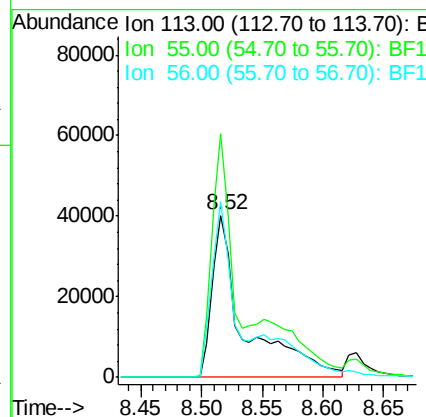
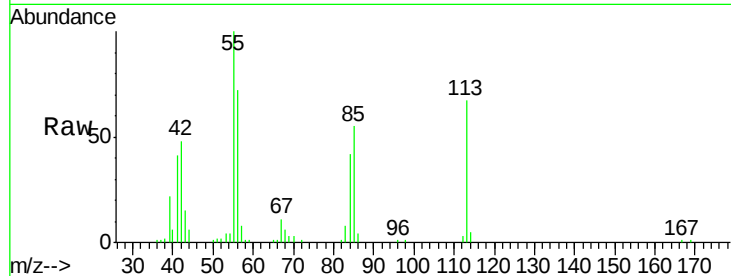
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 75619
 Ion Ratio Lower Upper
 113 100
 55 150.3 163.3 203.3#
 56 108.2 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 43.289 ng

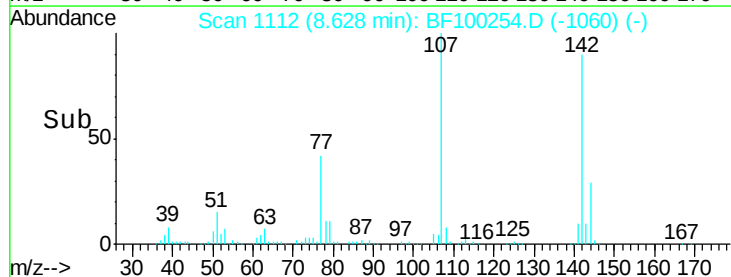
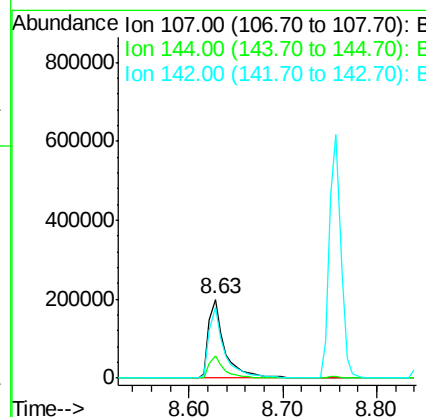
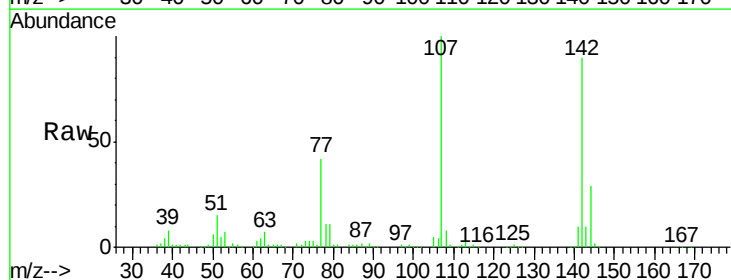
RT: 8.63 min Scan# 1112

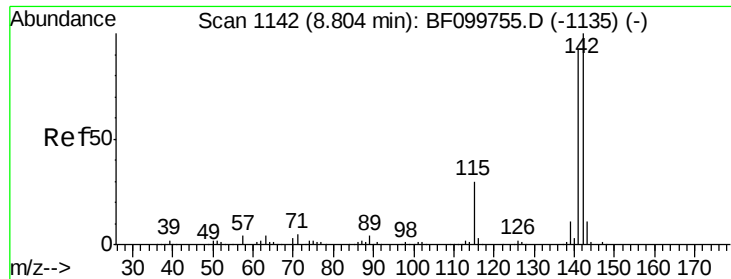
Delta R.T. 0.01 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:107 Resp: 236867
 Ion Ratio Lower Upper
 107 100
 144 28.7 20.5 30.7
 142 89.6 62.0 93.0





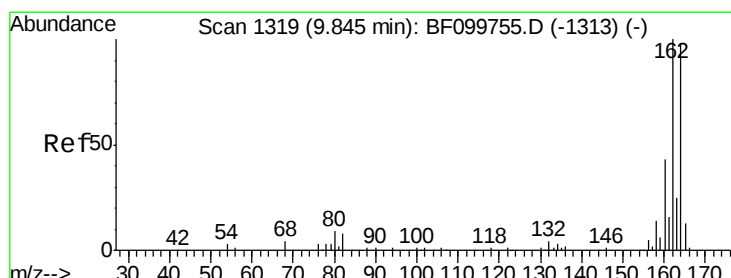
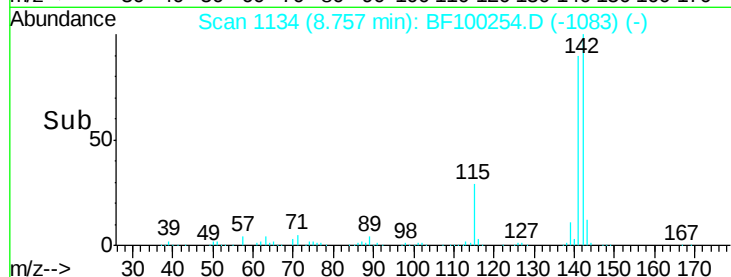
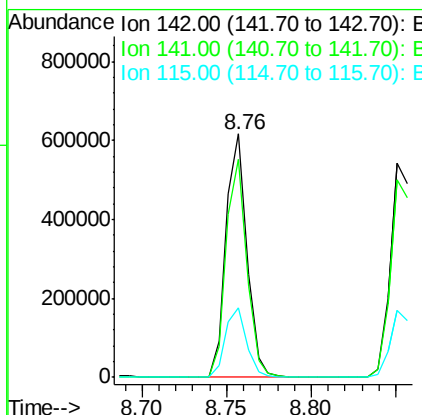
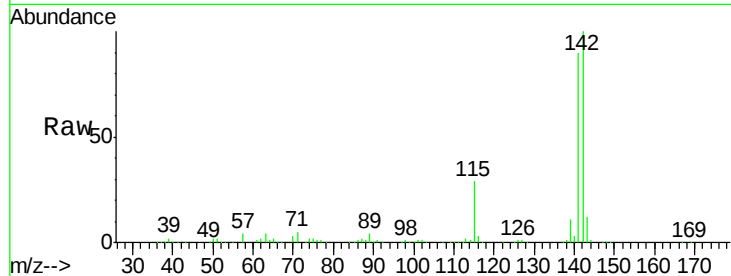
#37
2-Methylnaphthalene
Concen: 41.989 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	28.7	26.1	39.1

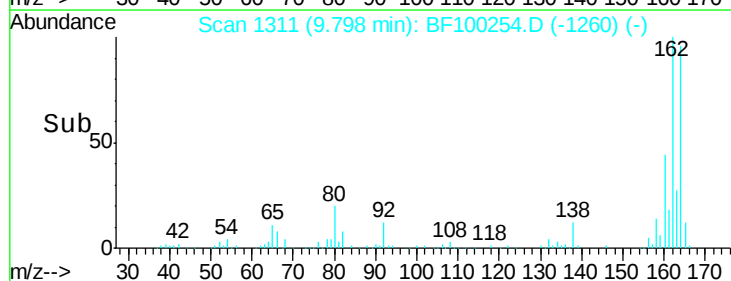
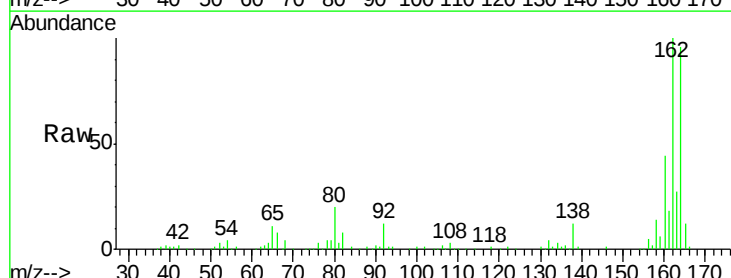
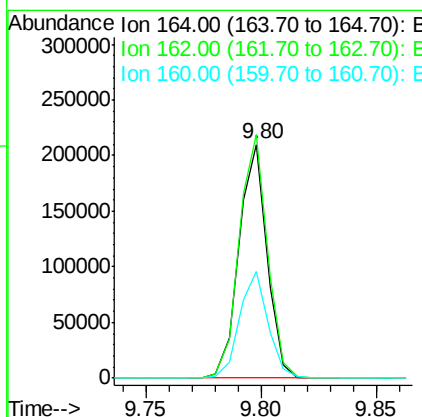
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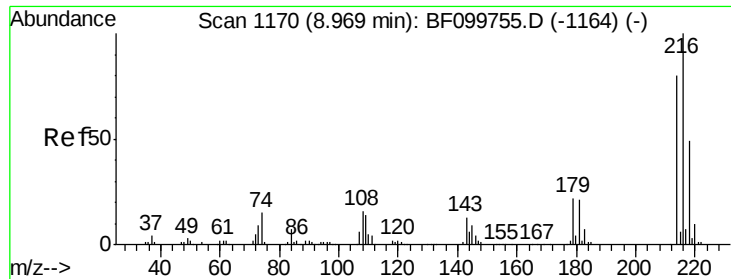
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.8	38.3	57.5





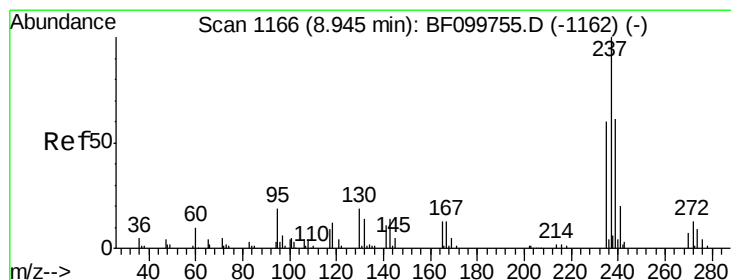
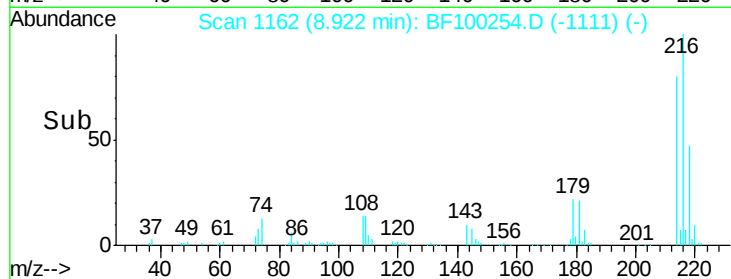
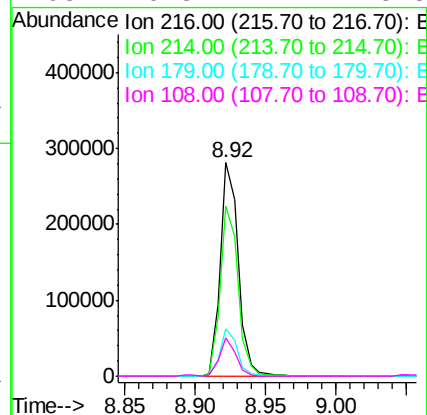
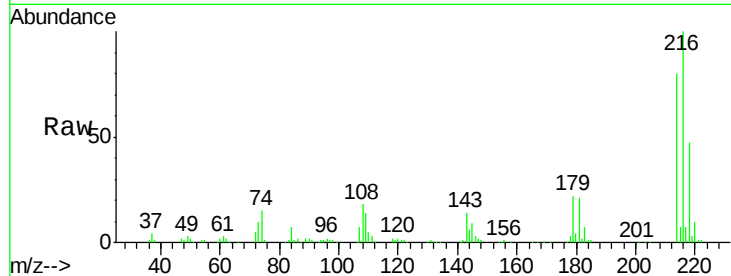
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.584 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.5	18.1	27.1
108	16.3	17.2	25.8

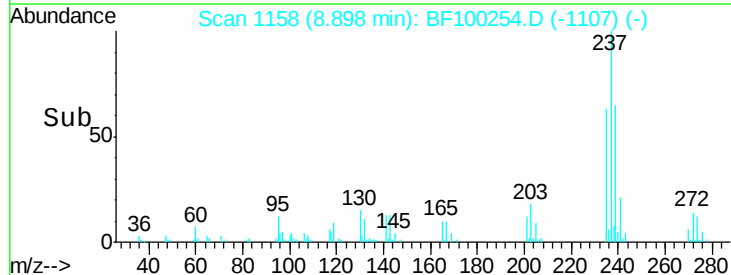
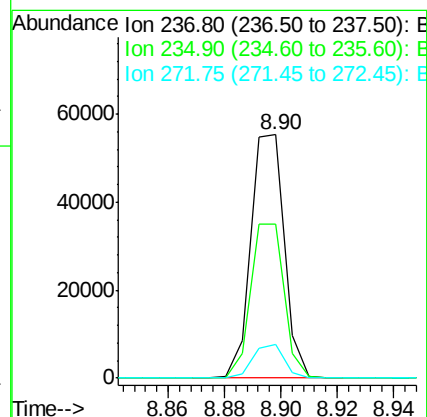
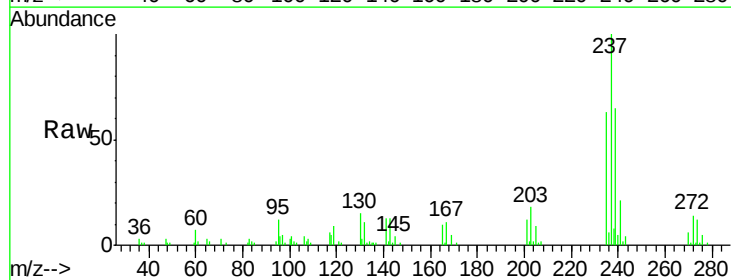
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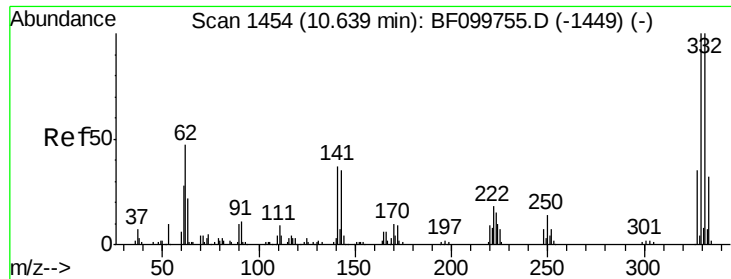
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#40
 Hexachlorocyclopentadiene
 Concen: 47.339 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.8	84.8
272	14.0	0.0	33.3





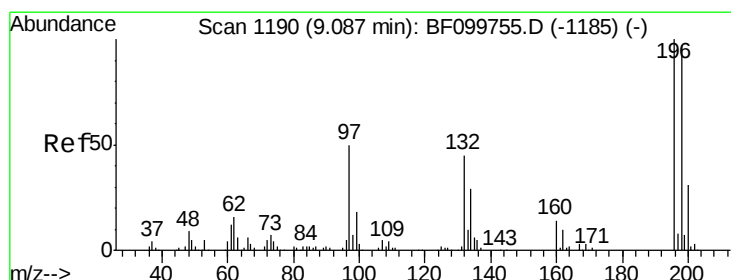
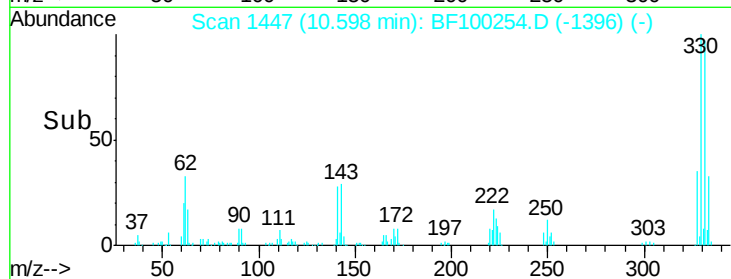
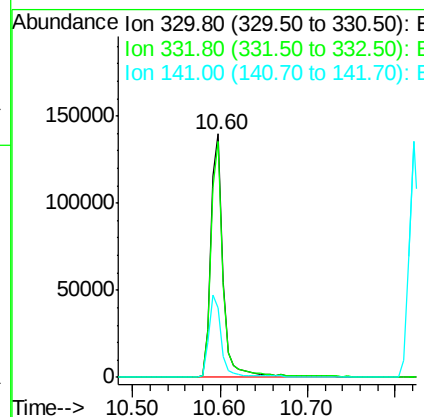
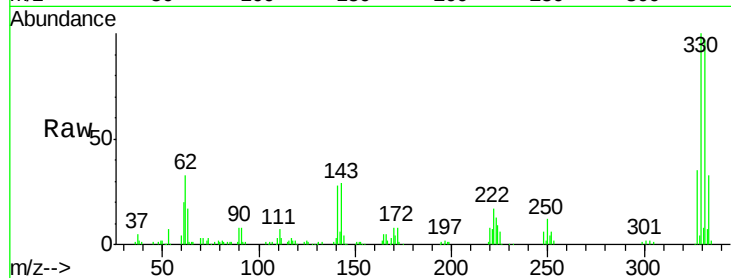
#41
 2,4,6-Tribromophenol
 Concen: 85.726 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138955		
332	95.3	77.0	115.6	
141	33.6	29.9	44.9	

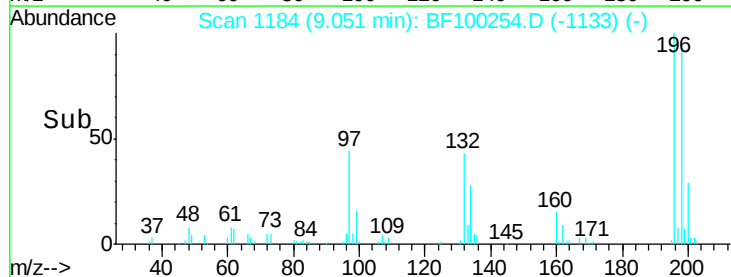
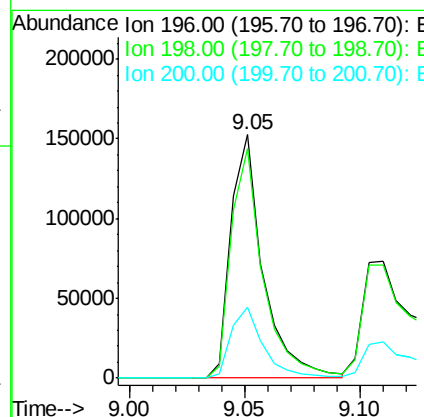
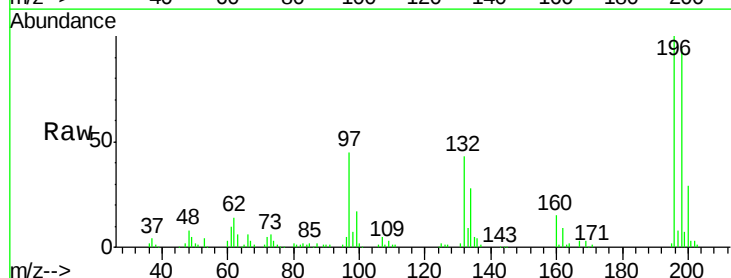
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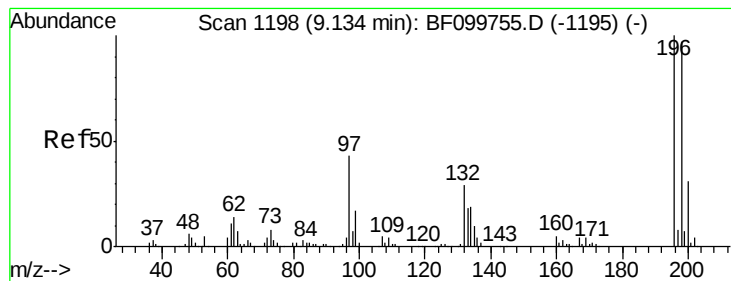
Sohil
 11/7/2017 5:39:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.596 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148014		
198	94.4	75.7	113.5	
200	29.3	24.5	36.7	





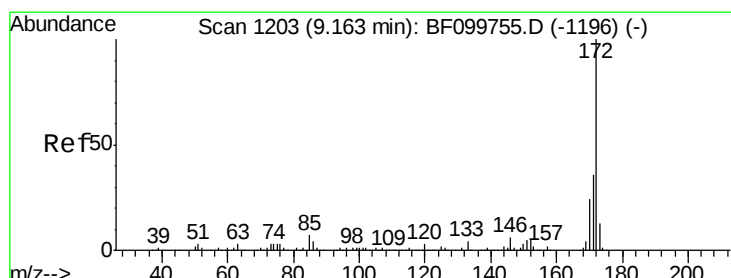
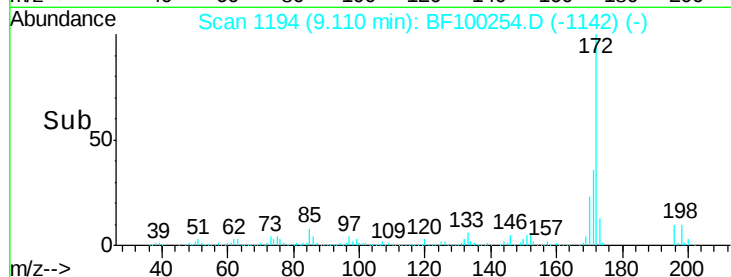
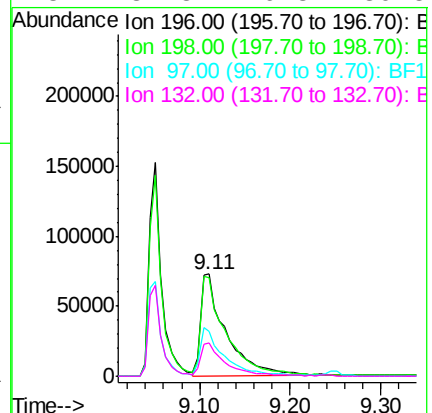
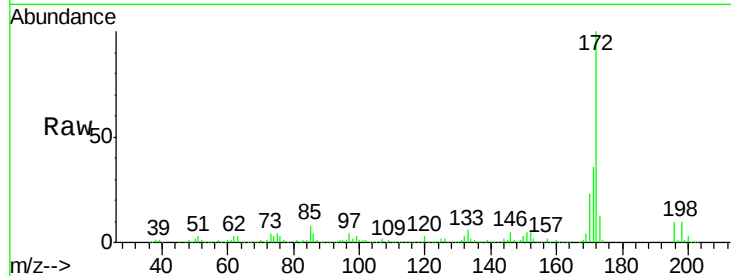
#43
 2,4,5-Trichlorophenol
 Concen: 37.978 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140040		
198	97.0	74.6	112.0	
97	43.4	42.9	64.3	
132	32.8	26.3	39.5	

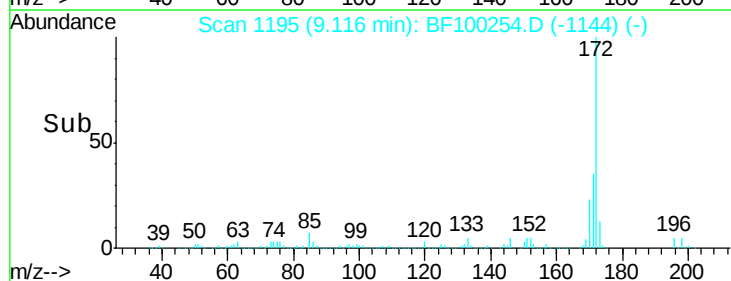
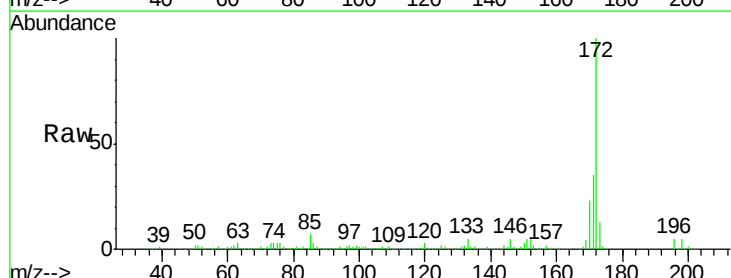
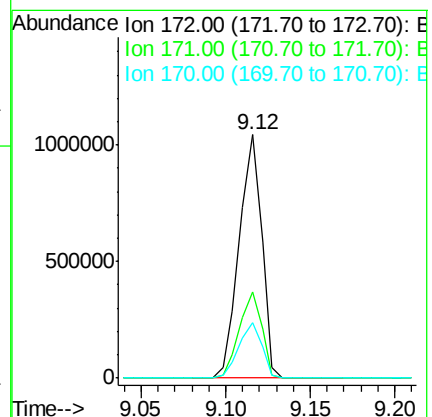
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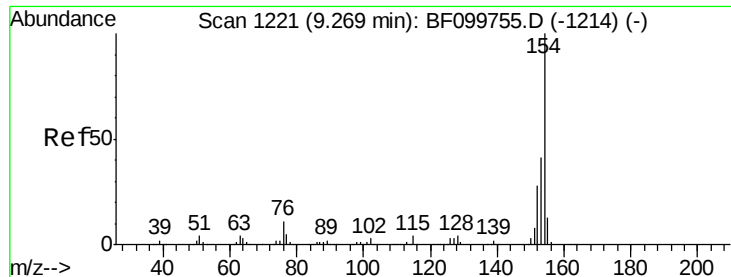
Sohil
 11/7/2017 5:39:47 PM



#44
 2-Fluorobiphenyl
 Concen: 83.861 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	966783		
171	35.4	29.7	44.5	
170	23.0	19.6	29.4	





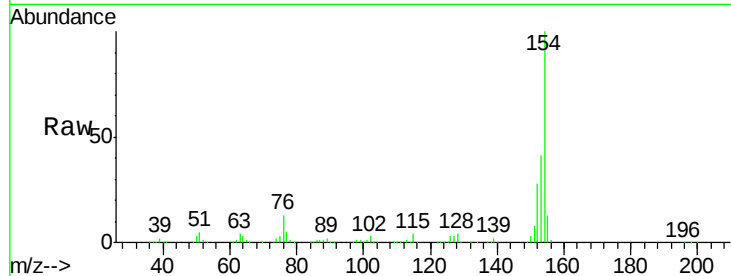
#45
1,1'-Biphenyl
Concen: 42.845 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

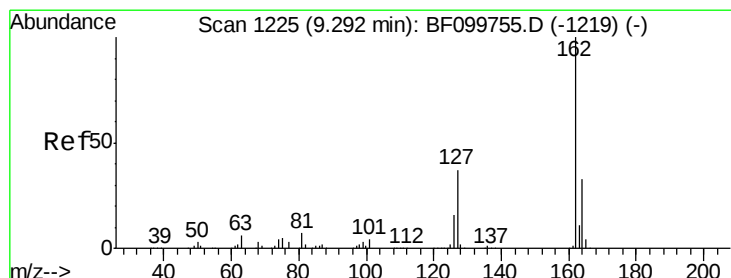
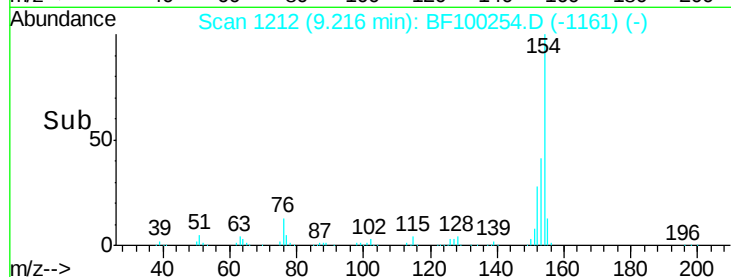
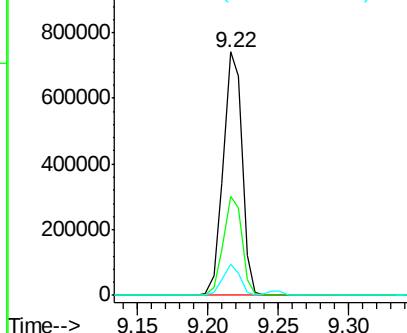
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	689392		
153	40.6	21.3	61.3	
76	12.9	0.0	34.0	

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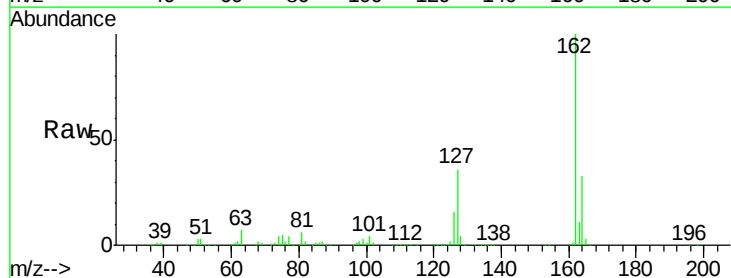


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

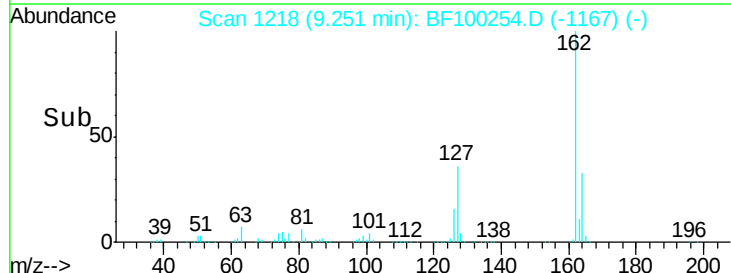
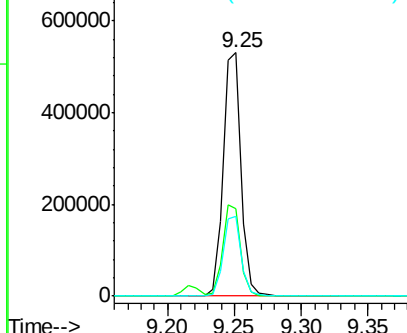


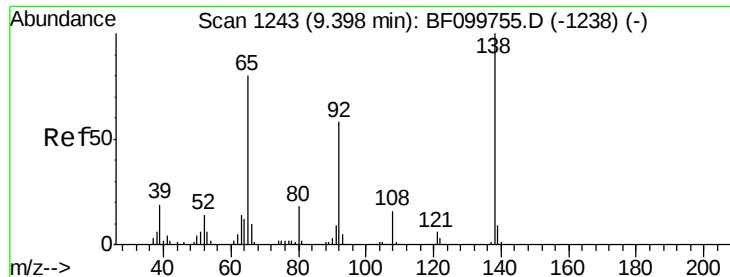
#46
2-Chloronaphthalene
Concen: 42.985 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	502300		
127	35.7	33.9	50.9	
164	32.9	26.5	39.7	



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





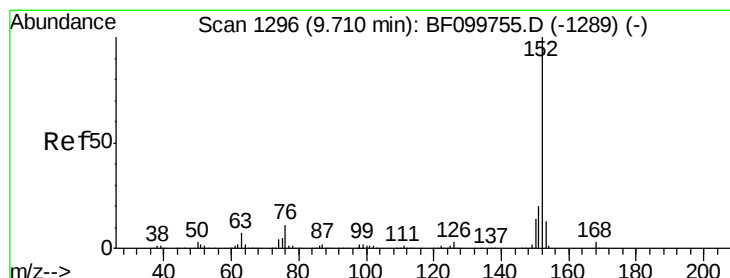
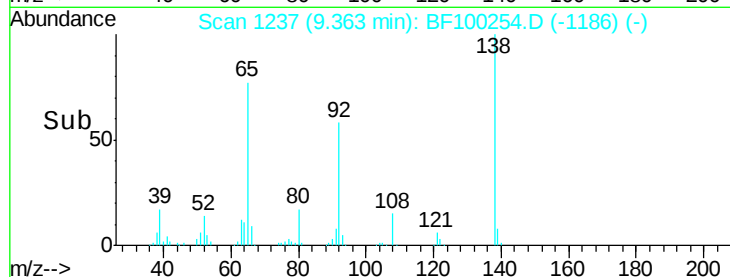
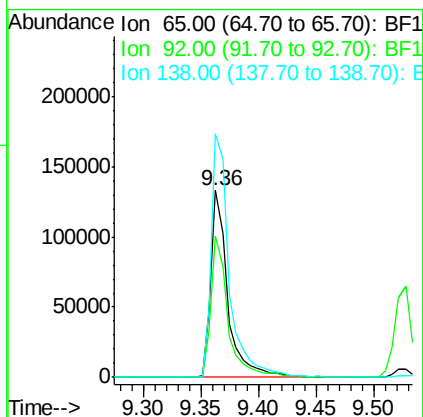
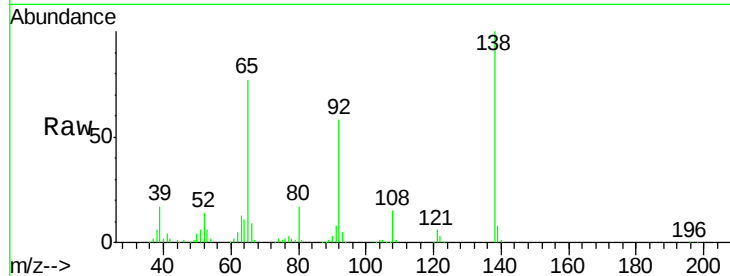
#47
2-Nitroaniline
Concen: 44.722 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	137160		
92	75.3	55.8	83.6	
138	130.4	91.2	136.8	

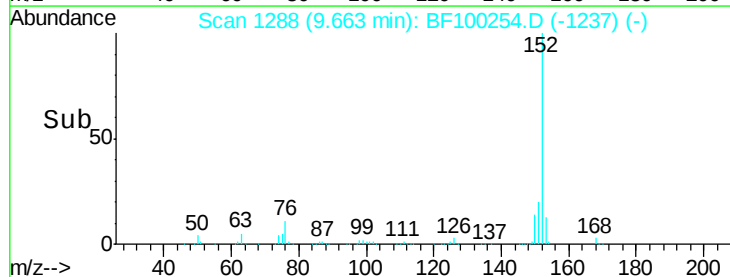
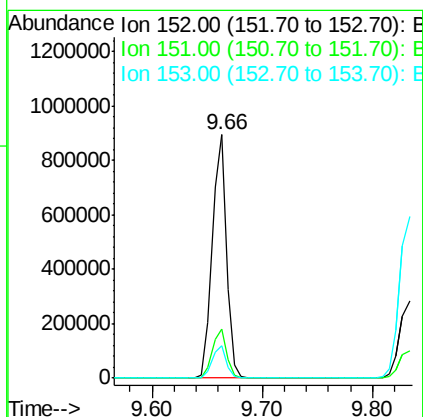
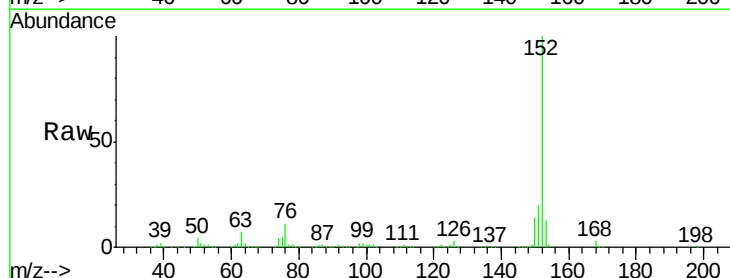
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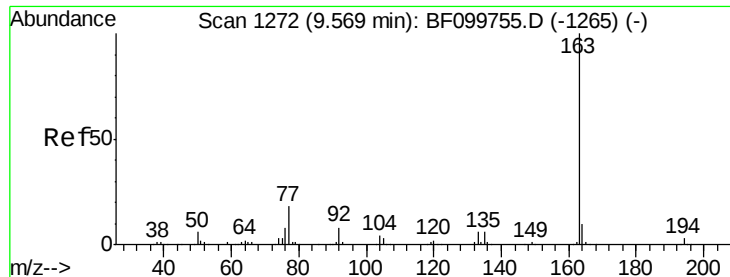
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#48
Acenaphthylene
Concen: 43.276 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	778888		
151	20.1	16.3	24.5	
153	13.2	10.7	16.1	





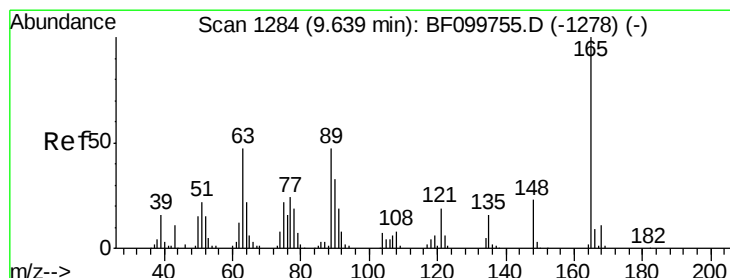
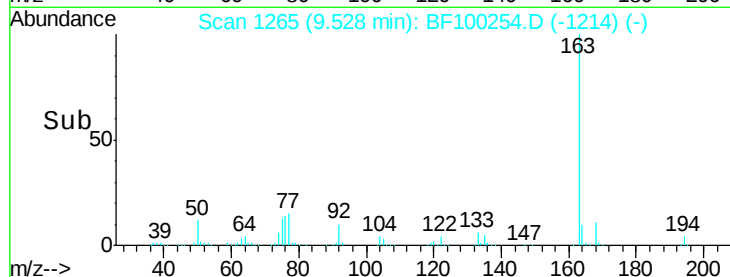
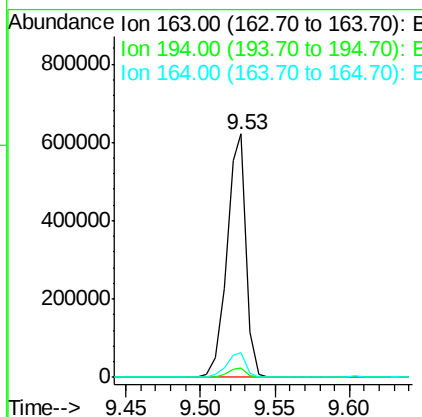
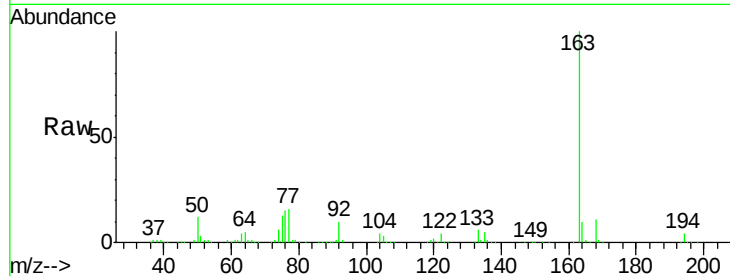
#49
Dimethylphthalate
Concen: 39.816 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

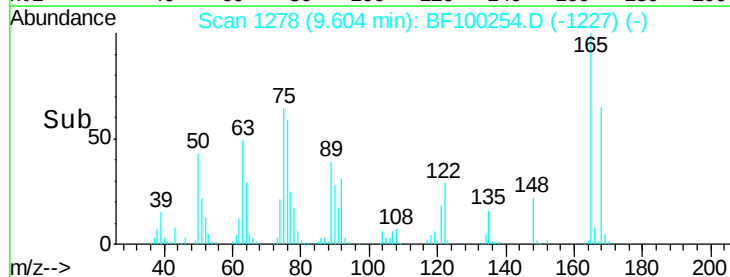
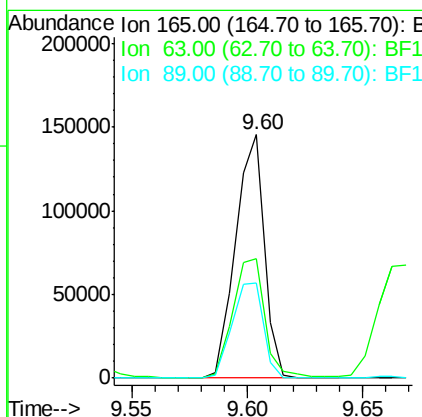
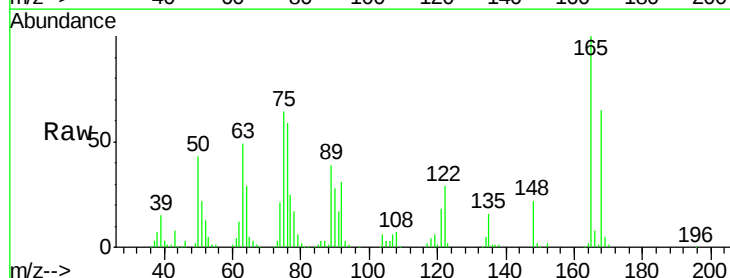
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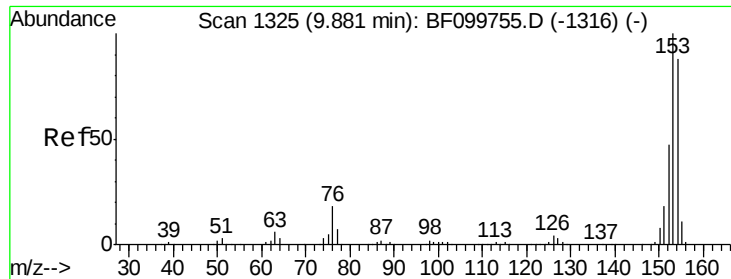
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#50
2,6-Dinitrotoluene
Concen: 42.587 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.8	44.7	67.1
89	38.9	44.0	66.0#





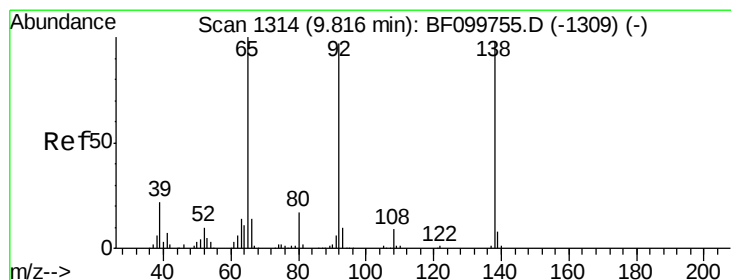
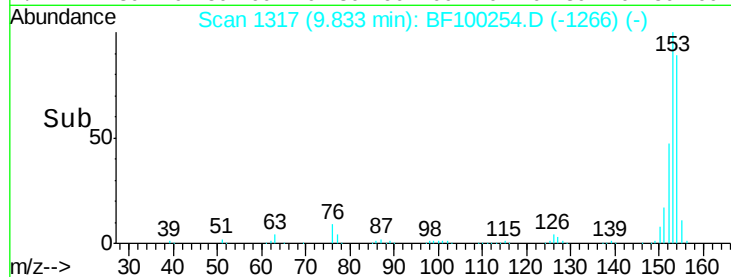
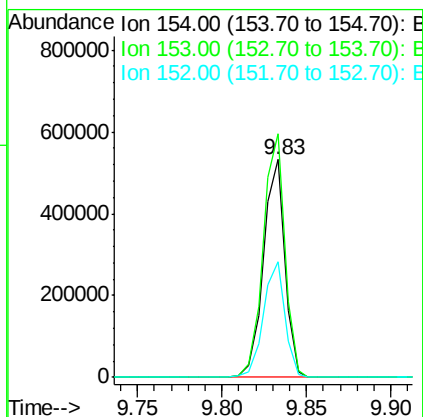
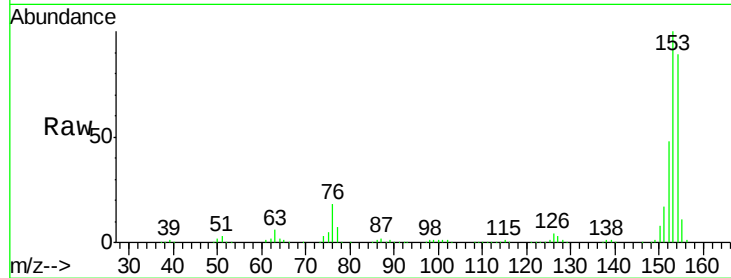
#51
Acenaphthene
Concen: 42.685 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	469418		
153	111.9	91.2	136.8	
152	53.2	43.8	65.8	

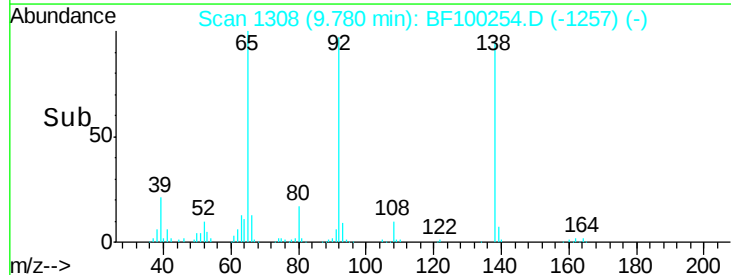
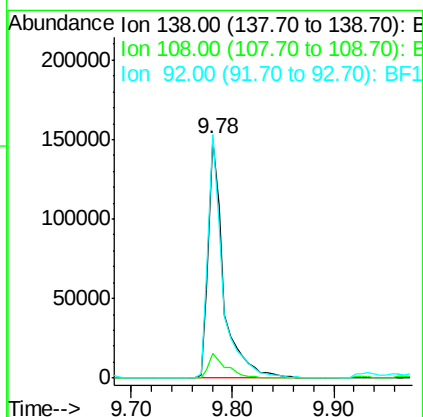
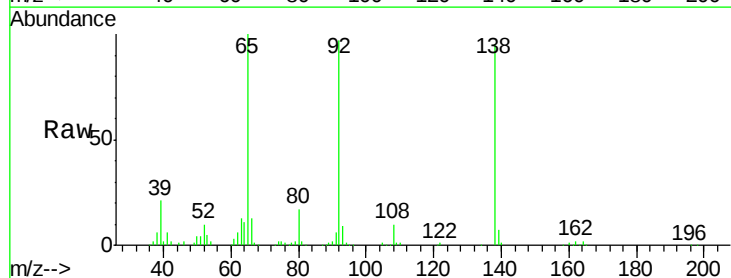
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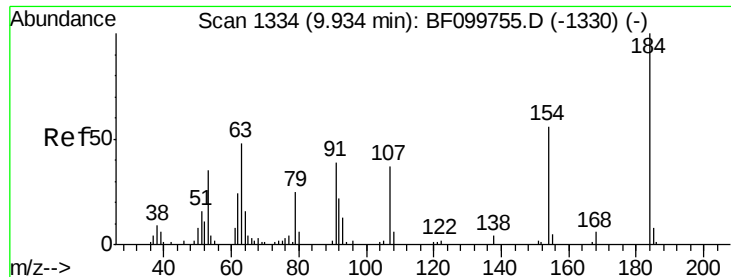
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#52
3-Nitroaniline
Concen: 45.033 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157122		
108	10.6	9.4	14.0	
92	102.0	89.4	134.2	





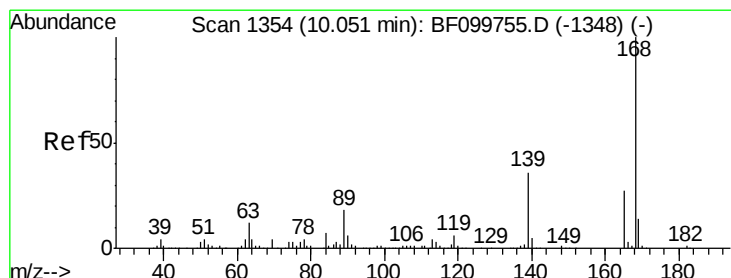
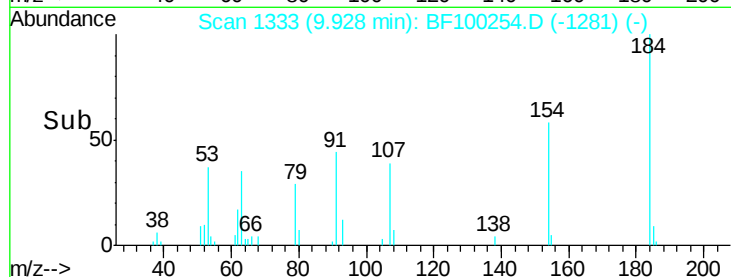
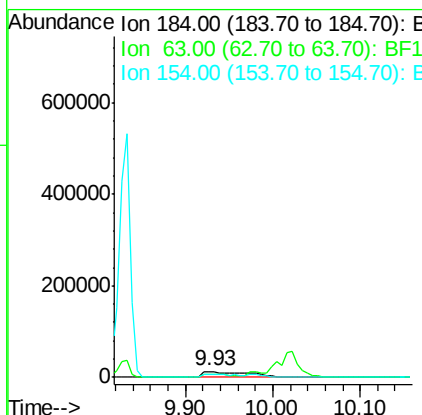
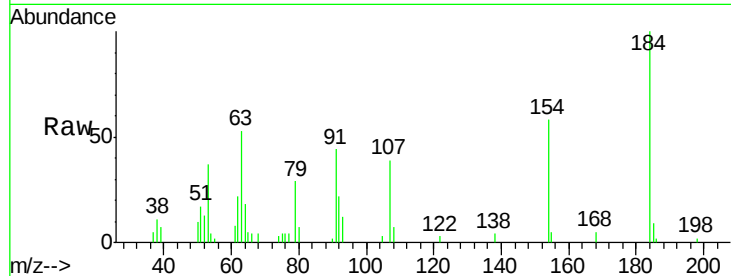
#53
2,4-Dinitrophenol
Concen: 45.624 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	50220		
63	53.4	54.2	81.2#	
154	57.8	53.5	80.3	

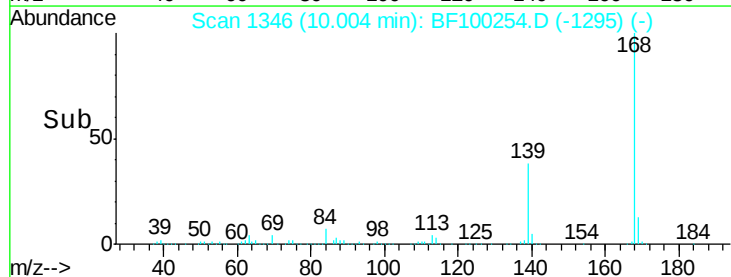
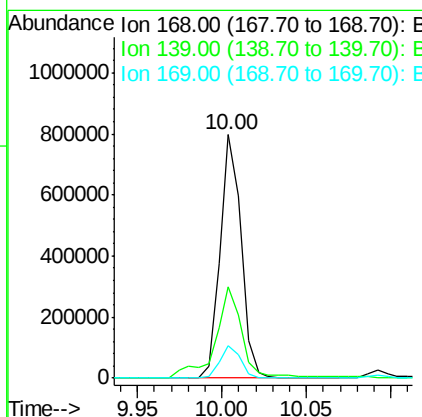
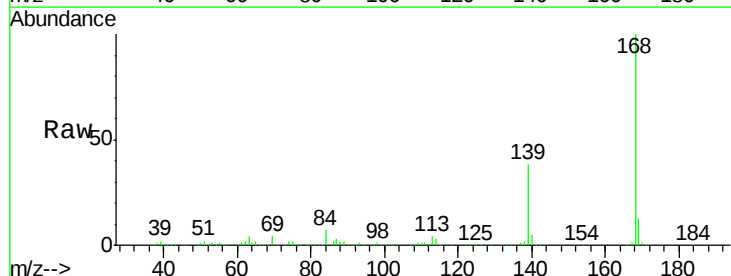
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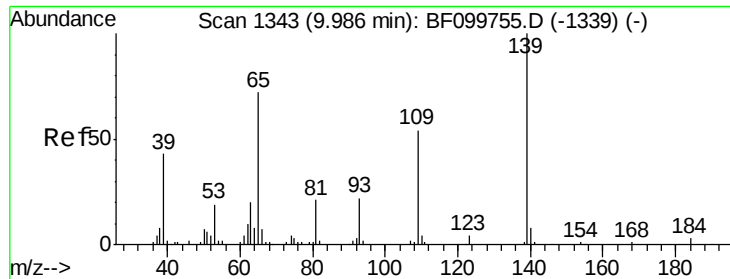
Sohil
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#54
Dibenzofuran
Concen: 44.466 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	690259		
139	37.5	30.1	45.1	
169	13.5	10.9	16.3	





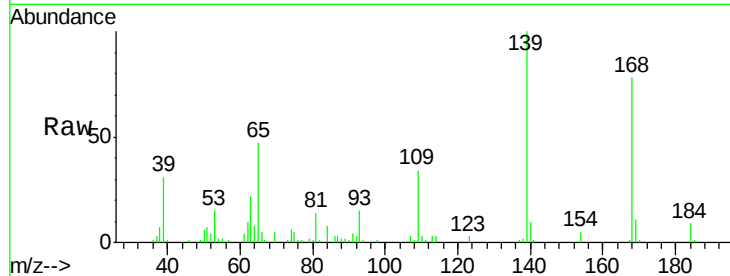
#55
4-Nitrophenol
Concen: 29.312 ng m
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.7	48.4	88.4#
65	47.1	72.6	112.6#

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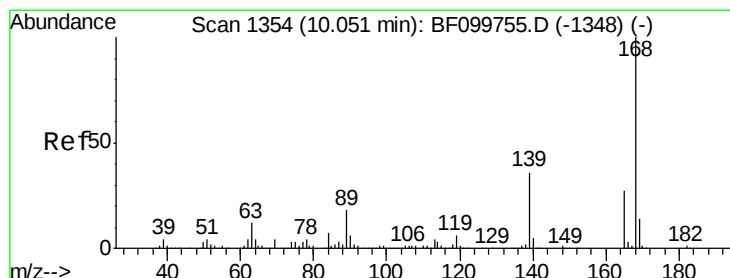
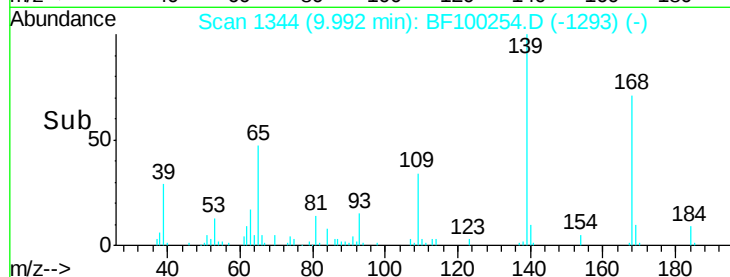
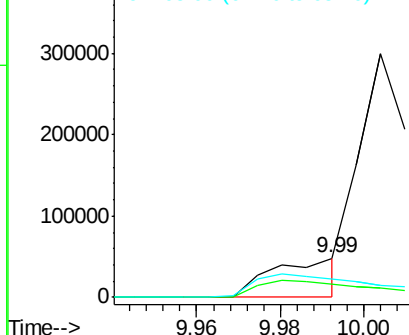


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 48.580 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.3	36.4	54.6#
89	54.6	57.8	86.6#
182	2.4	1.6	2.4#

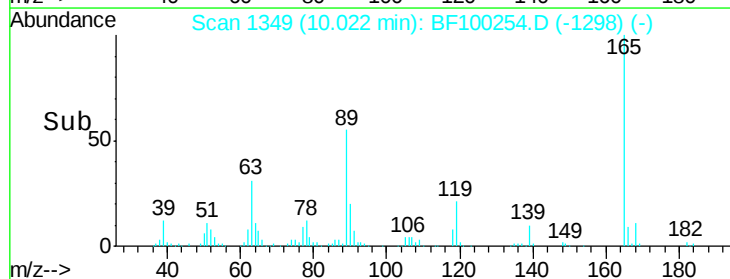
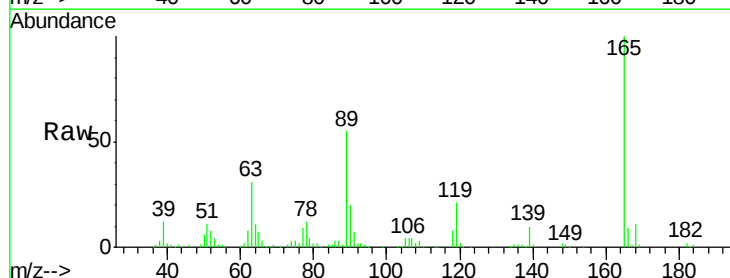
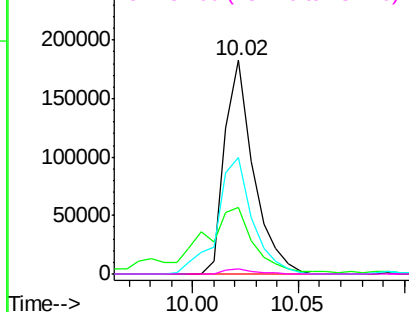
Abundance

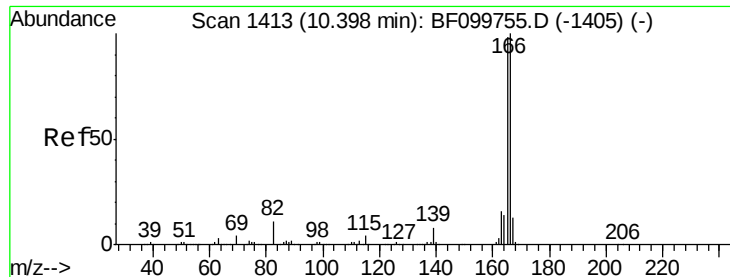
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.808 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

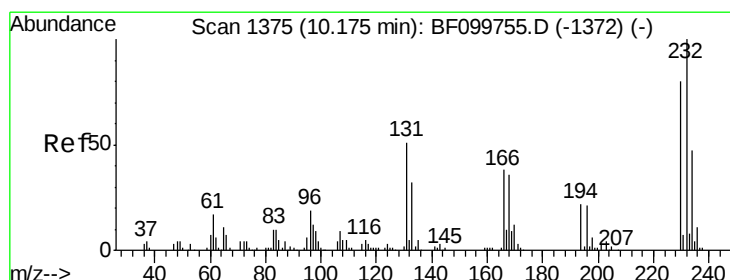
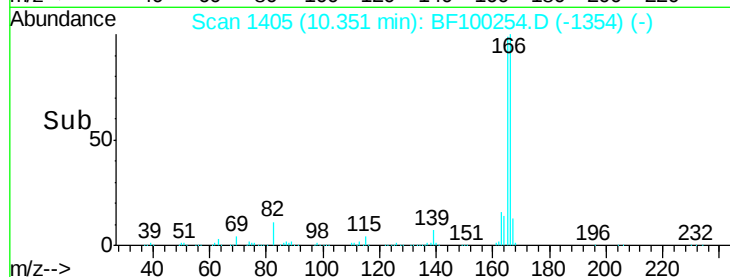
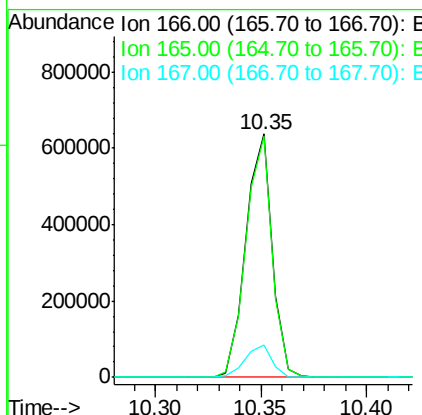
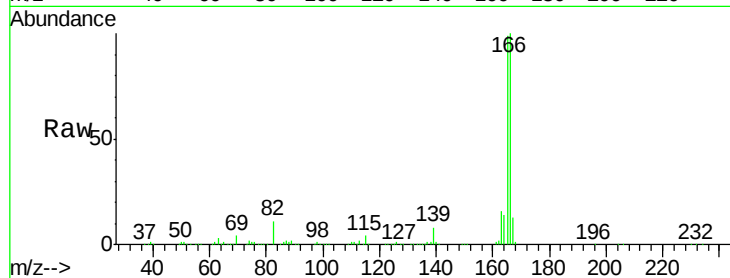
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	550203
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.398 ng

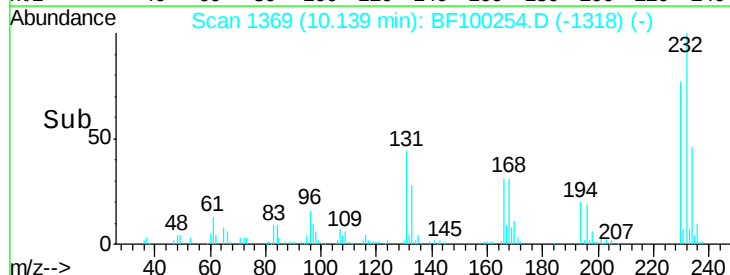
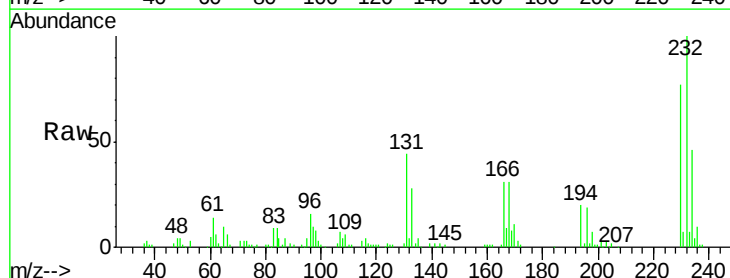
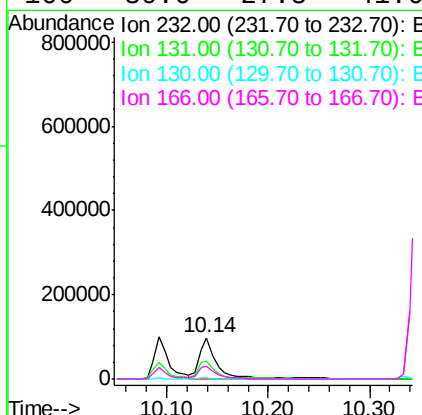
RT: 10.14 min Scan# 1369

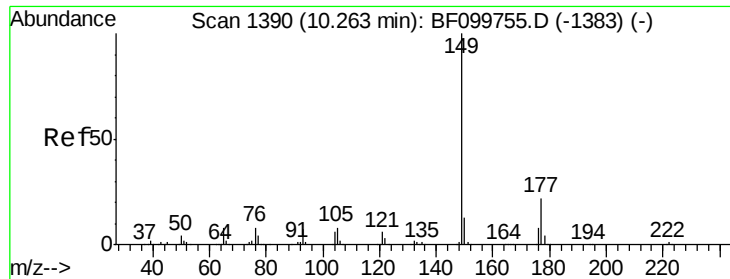
Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	232	Resp:	114785
Ion Ratio	Lower	Upper	
232	100		
131	44.6	43.8	65.8
130	1.8	2.1	3.1#
166	30.6	27.8	41.6





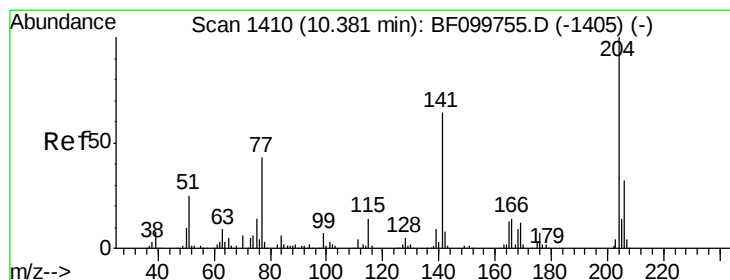
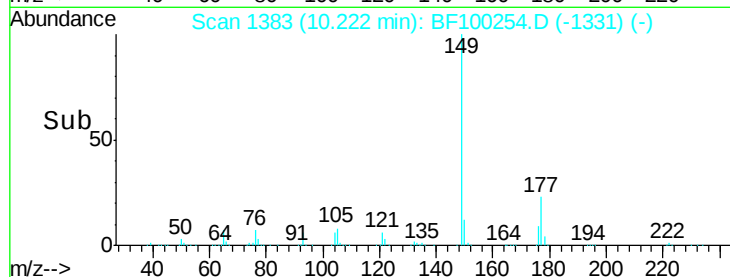
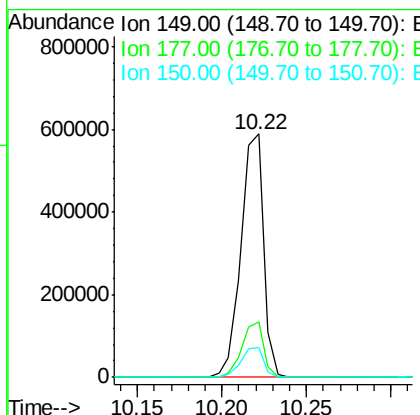
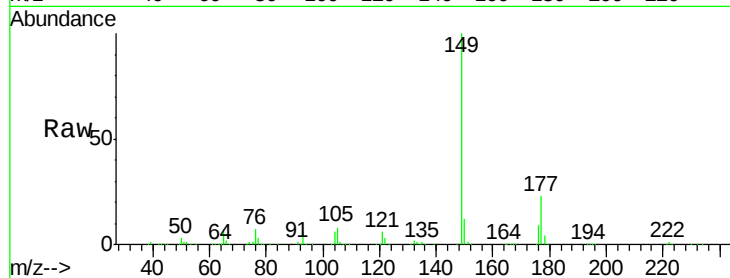
#59
Diethylphthalate
Concen: 40.095 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	551513		
177	22.7	16.1	24.1	
150	12.2	10.1	15.1	

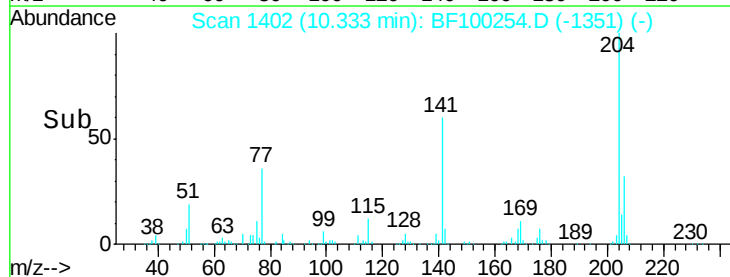
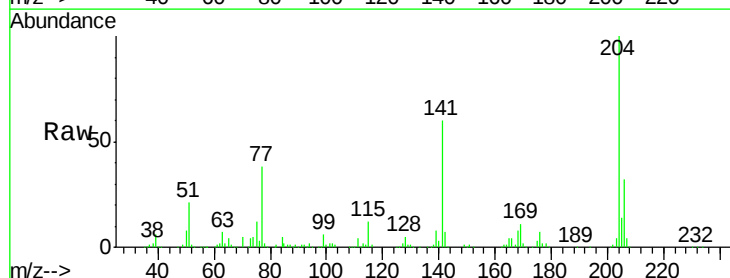
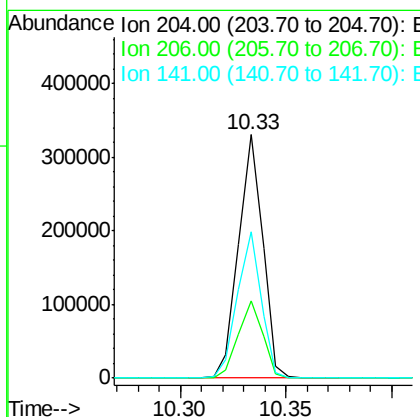
Manual Integrations
APPROVED

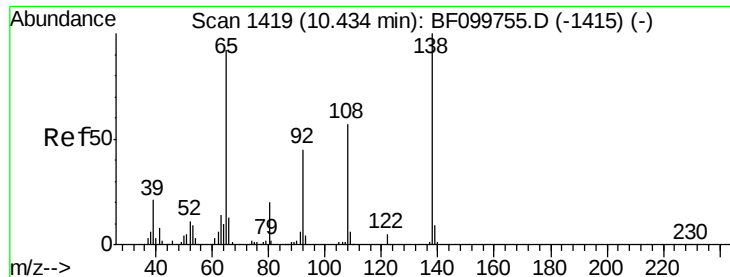
Sohil
11/7/2017 5:39:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.227 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	261477		
206	32.0	26.5	39.7	
141	60.1	54.6	81.8	





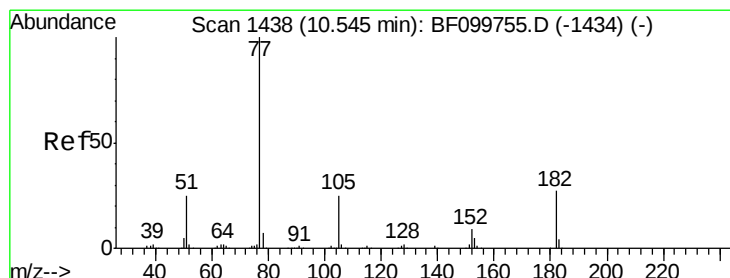
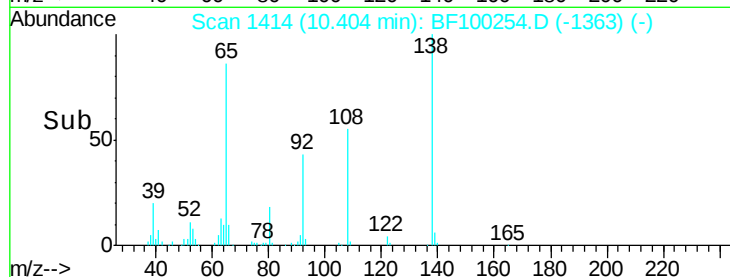
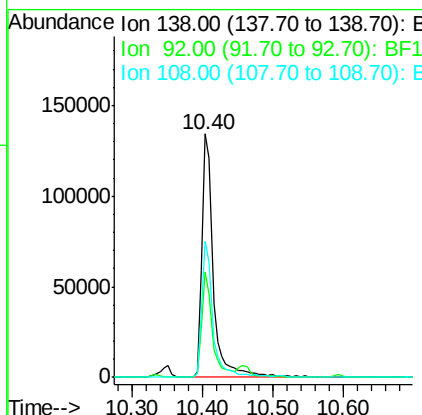
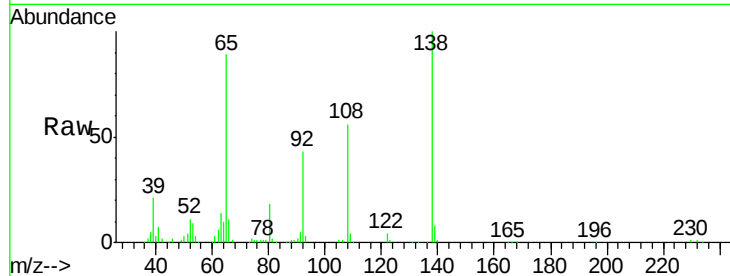
#61
4-Nitroaniline
Concen: 46.266 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	56.0	52.5	92.5

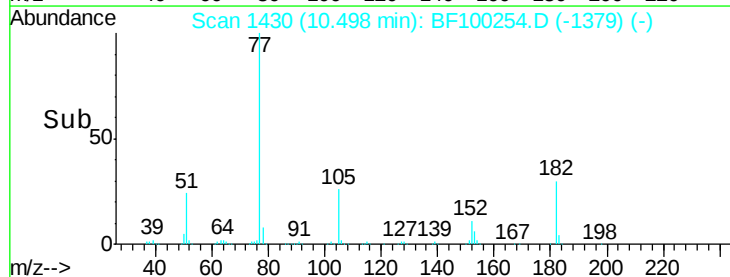
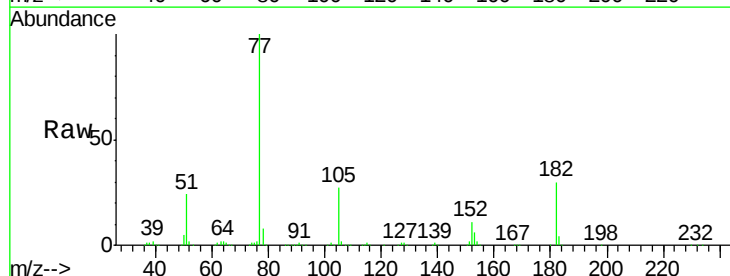
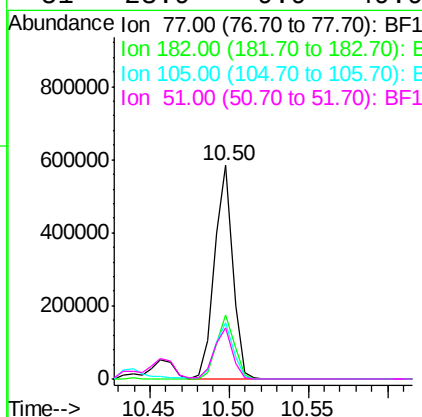
Manual Integrations
APPROVED

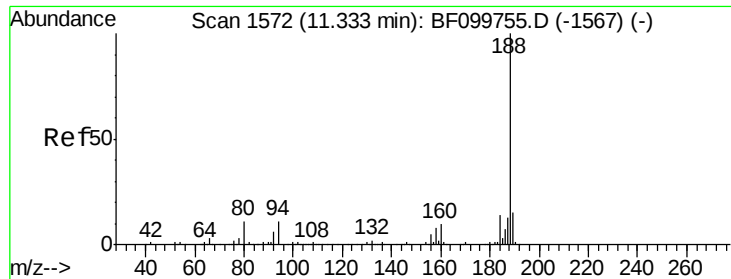
Sohil
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#62
Azobenzene
Concen: 40.502 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.3	1.7	41.7
105	26.6	3.0	43.0
51	23.9	9.9	49.9





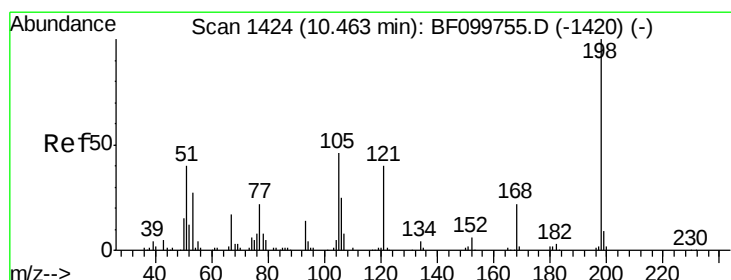
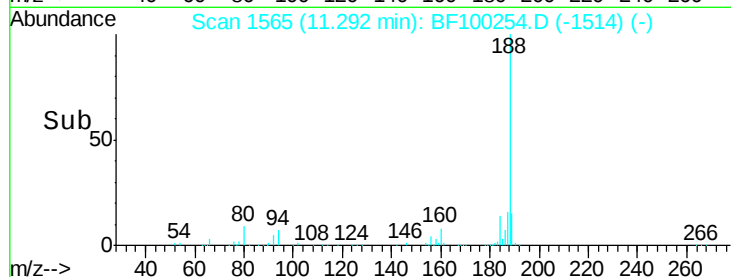
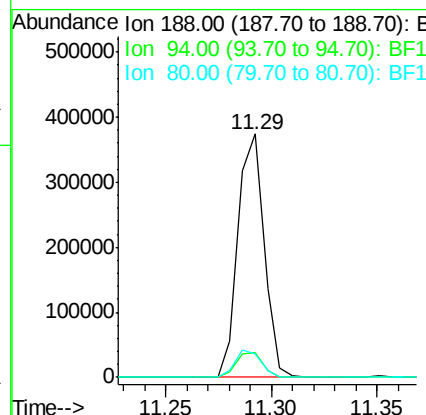
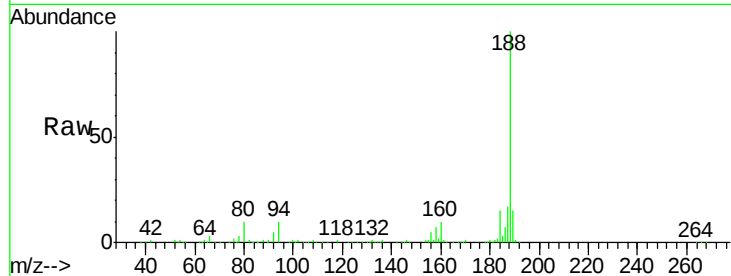
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	319612		
94	9.9	8.5	12.7	
80	9.7	9.2	13.8	

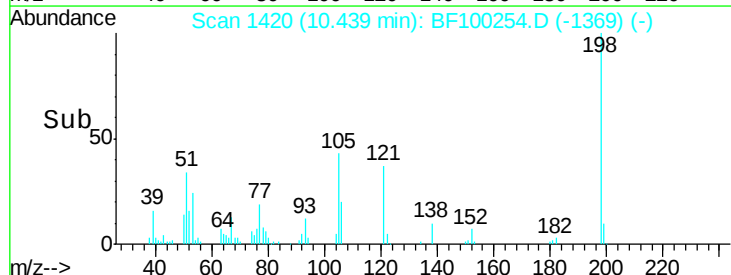
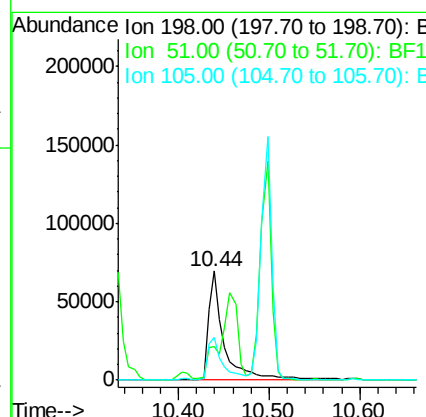
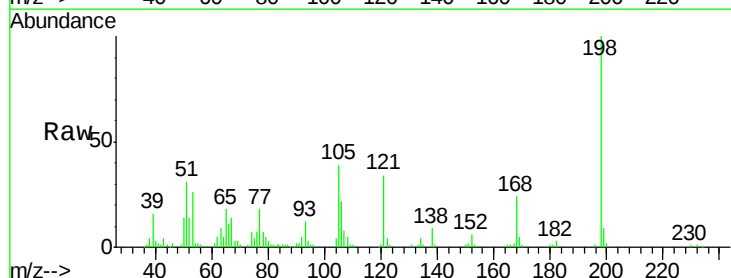
Manual Integrations
APPROVED

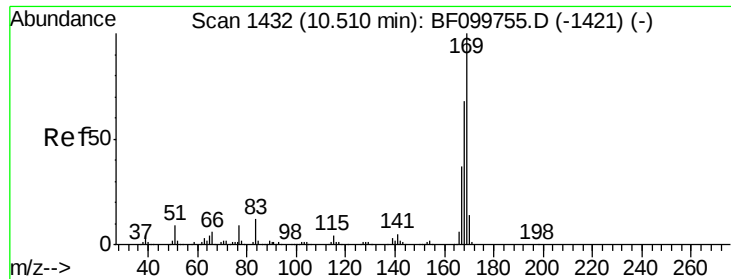
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.451 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85289		
51	31.2	37.7	77.7#	
105	38.7	36.3	76.3	





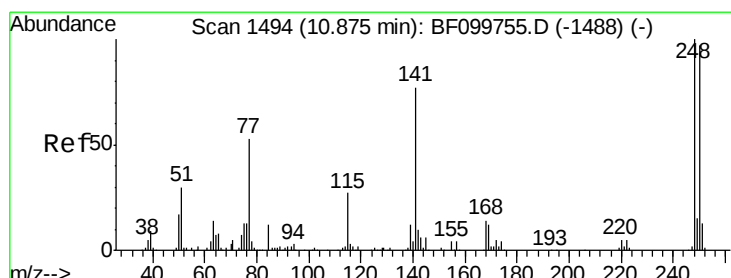
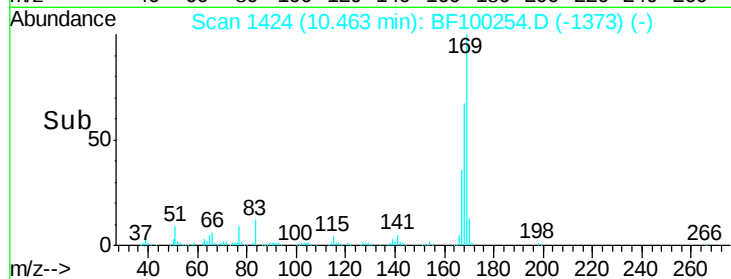
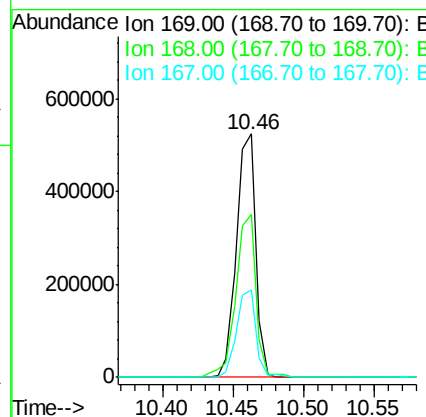
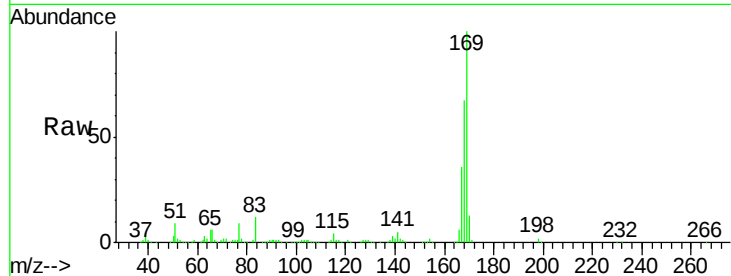
#65
n-Nitrosodiphenylamine
Concen: 42.437 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	500688		
168	67.1		54.4	81.6
167	36.1		29.8	44.6

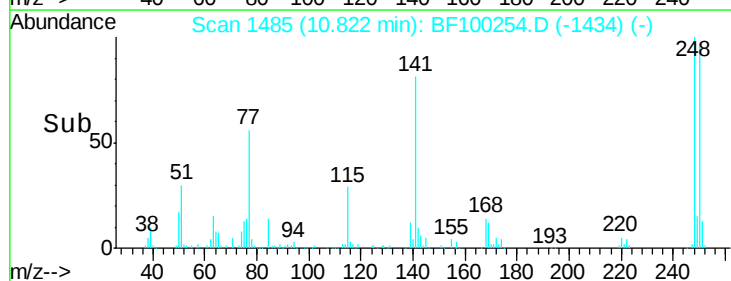
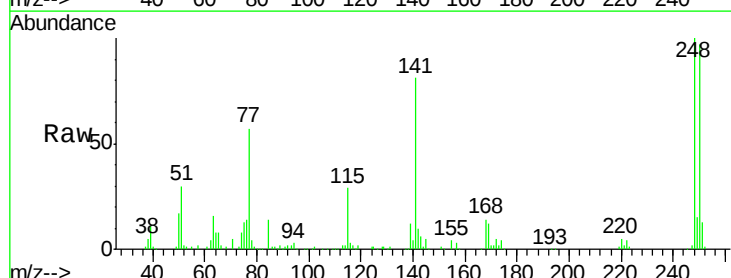
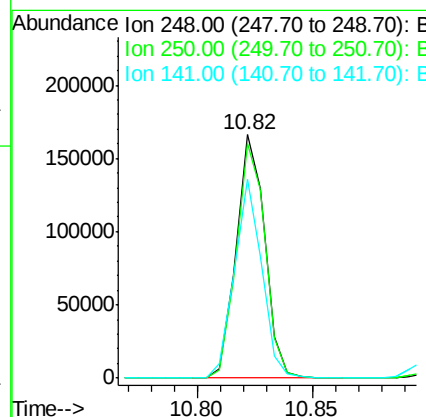
Manual Integrations
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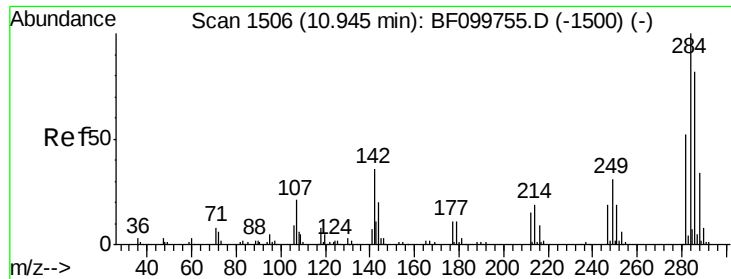
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#66
4-Bromophenyl-phenylether
Concen: 42.582 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143277		
250	96.5		76.9	115.3
141	81.5		74.4	111.6





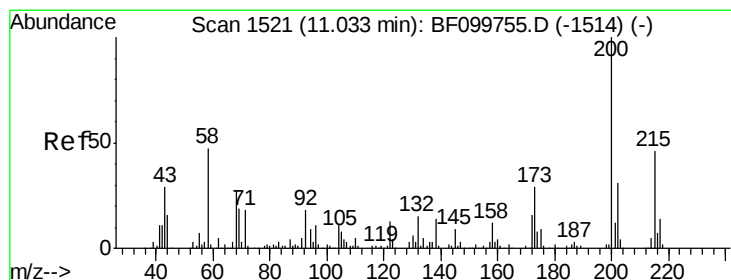
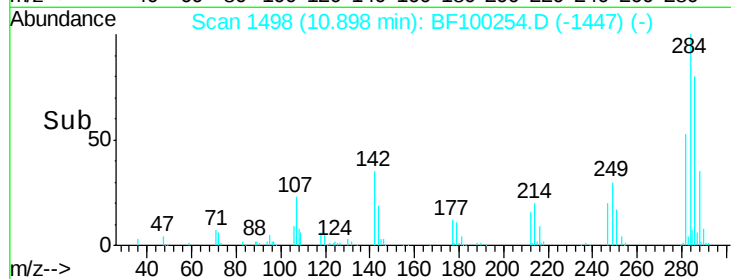
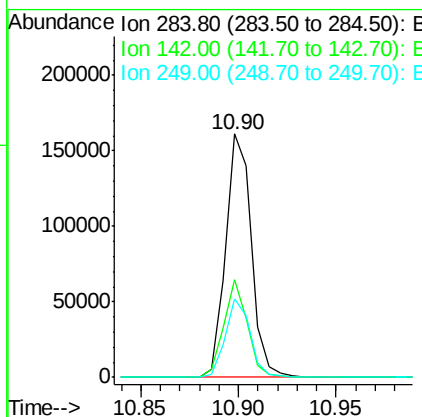
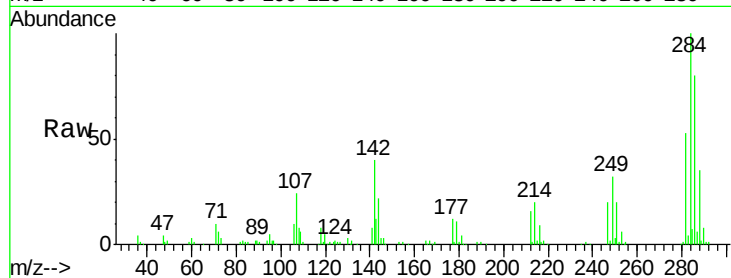
#67
Hexachlorobenzene
Concen: 42.757 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	147184		
142	40.2	34.6	52.0	
249	32.4	24.8	37.2	

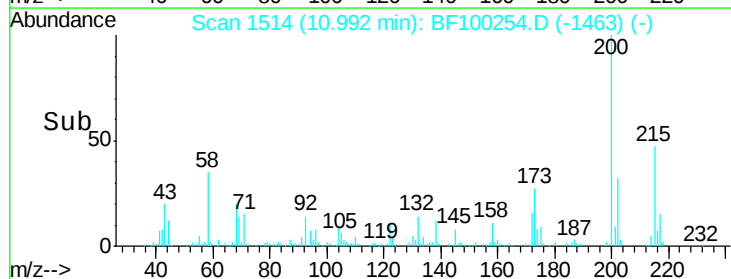
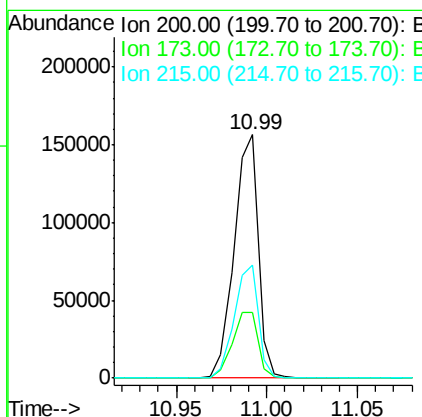
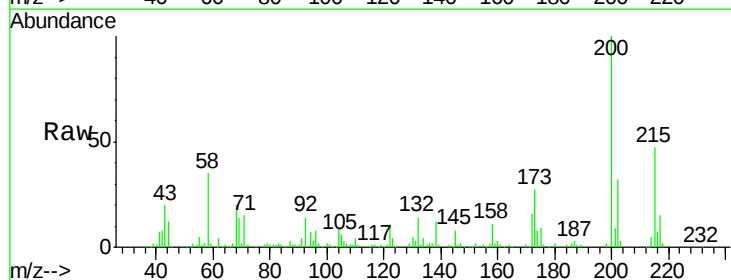
Manual Integrations
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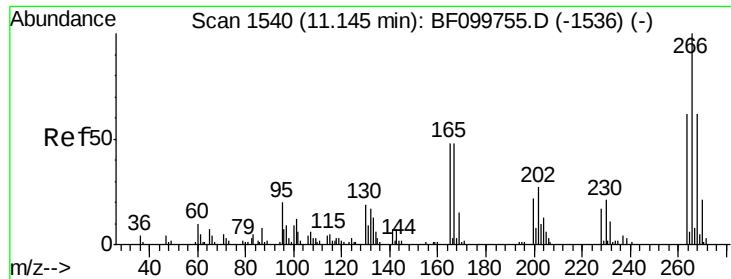
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#68
Atrazine
Concen: 40.871 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	144847		
173	26.7	8.6	48.6	
215	46.7	25.1	65.1	





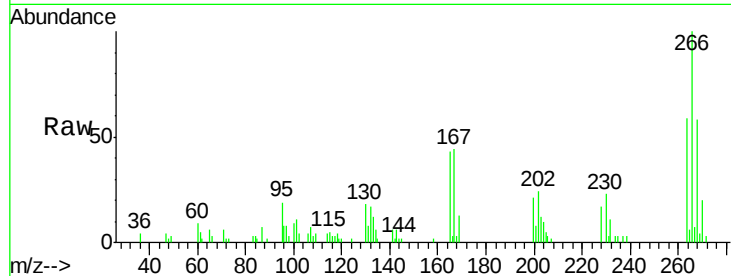
#69
 Pentachlorophenol
 Concen: 33.662 ng m
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

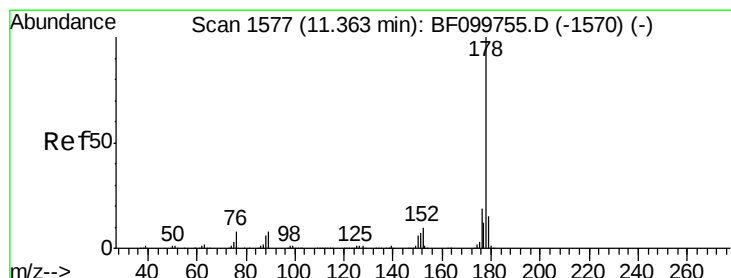
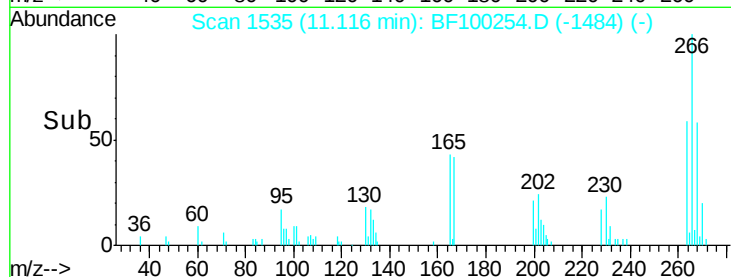
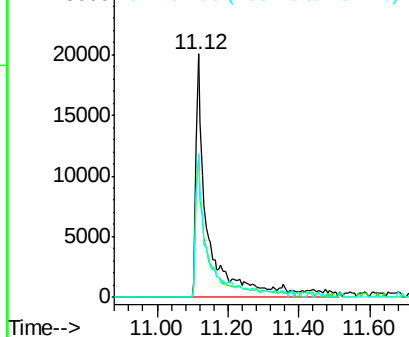
Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.2	51.1	76.7
264	59.0	49.5	74.3

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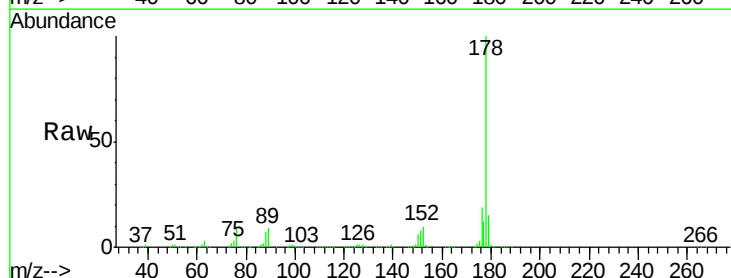


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

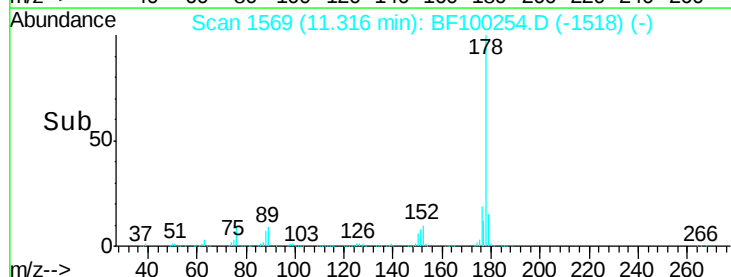
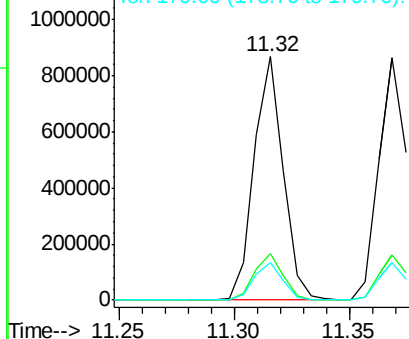


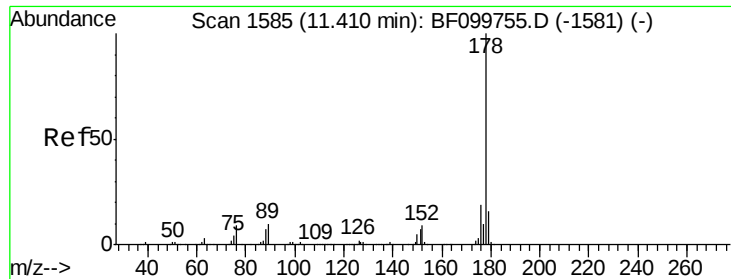
#70
 Phenanthrene
 Concen: 42.553 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





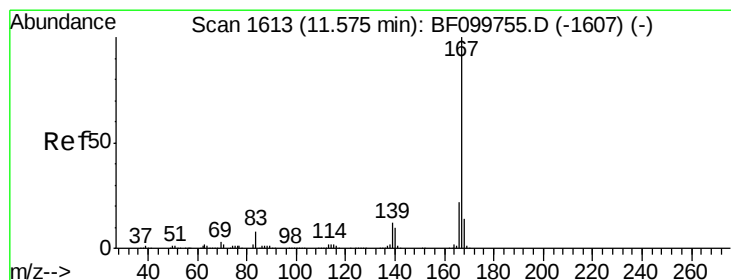
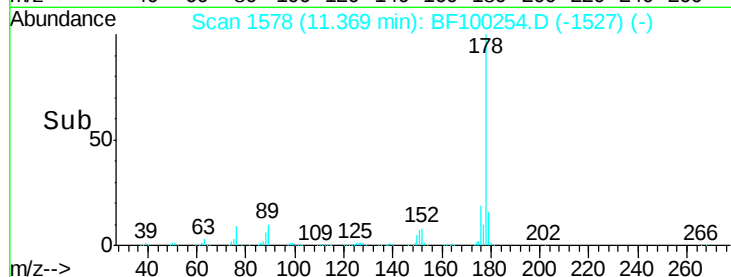
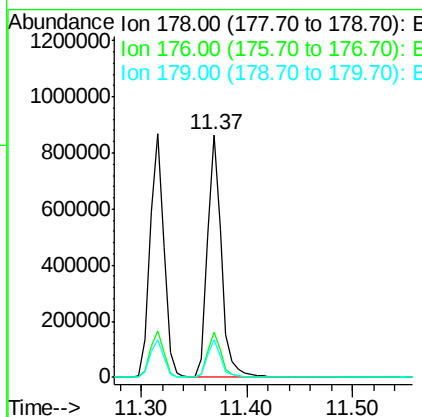
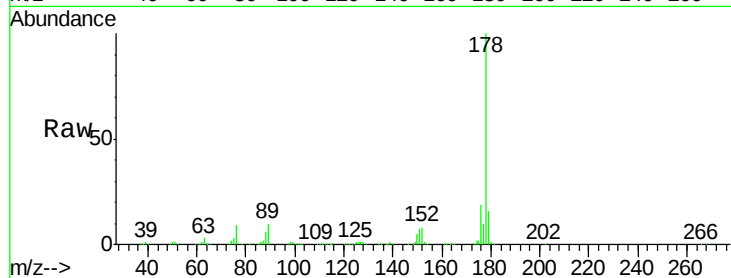
#71
 Anthracene
 Concen: 43.397 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0

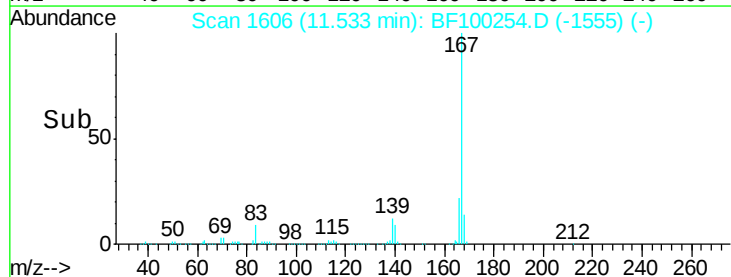
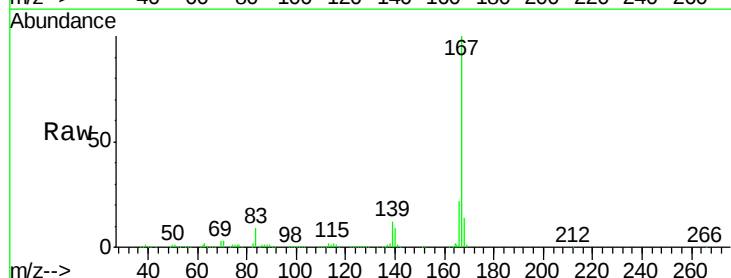
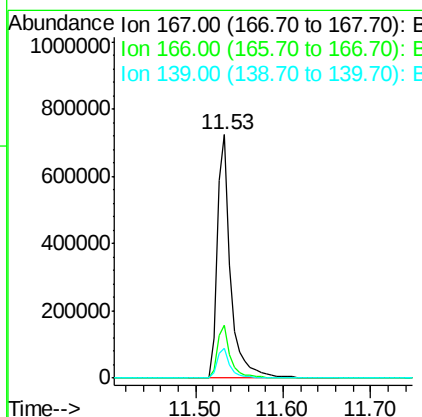
Manual Integrations
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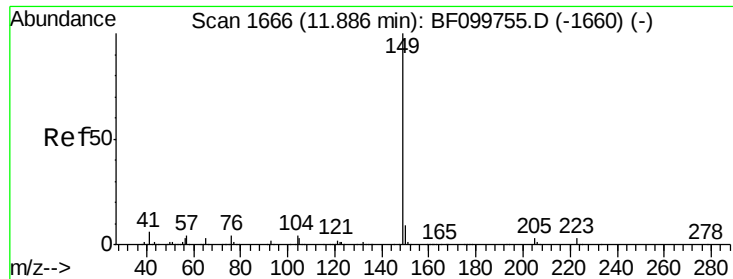
Sohil
 11/7/2017 5:39:47 PM



#72
 Carbazole
 Concen: 44.180 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.336 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 863822

Ion Ratio Lower Upper

149 100

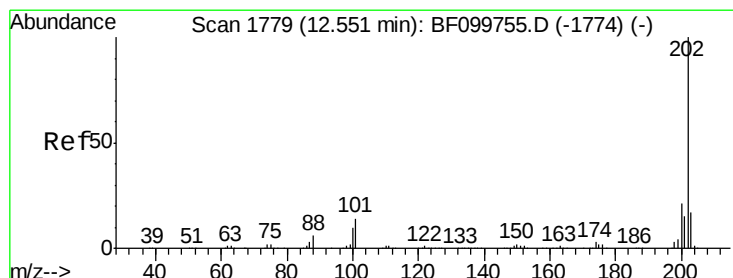
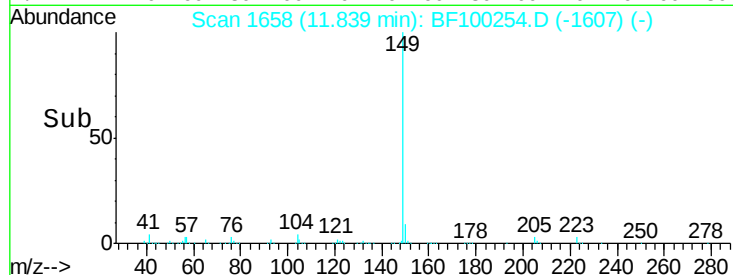
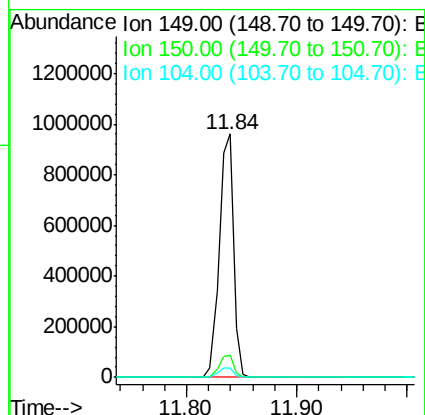
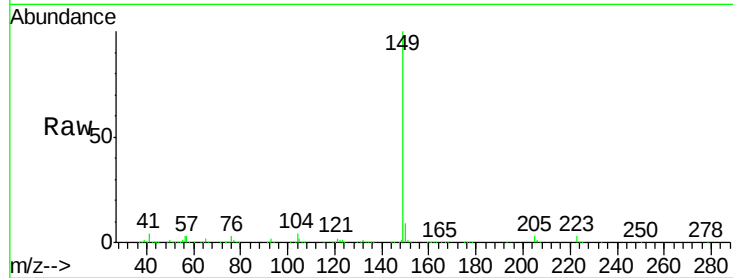
150 9.0 7.8 11.6

104 3.6 3.8 5.8#

Manual Integrations
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#74

Fluoranthene

Concen: 42.459 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

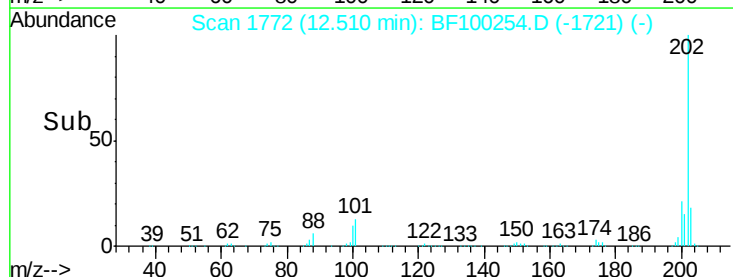
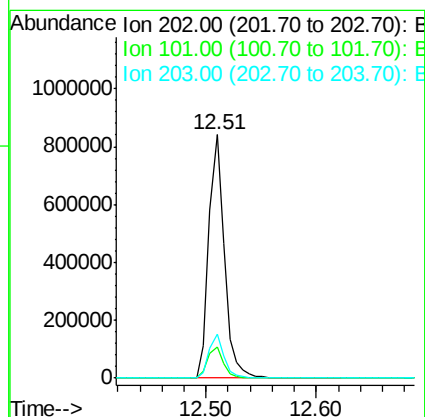
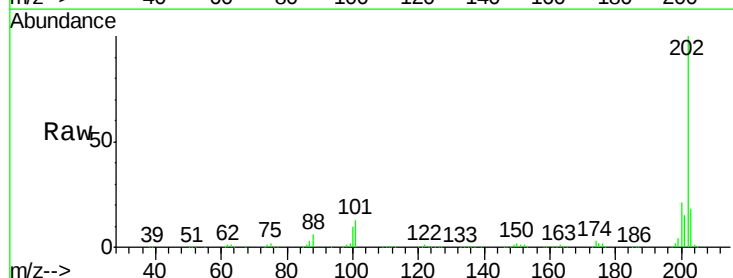
Tgt Ion:202 Resp: 795894

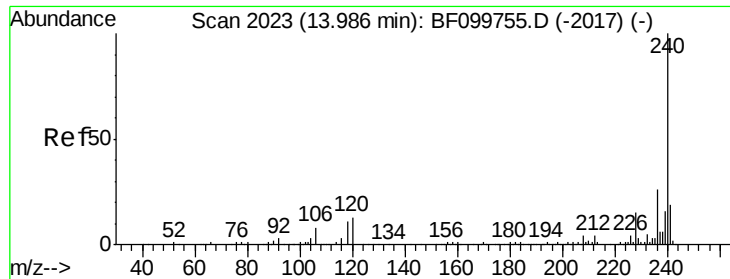
Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

203 18.1 0.0 38.1





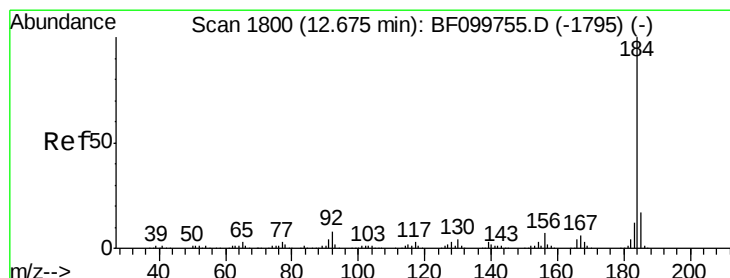
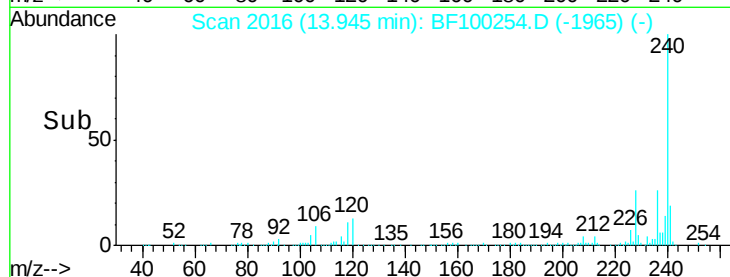
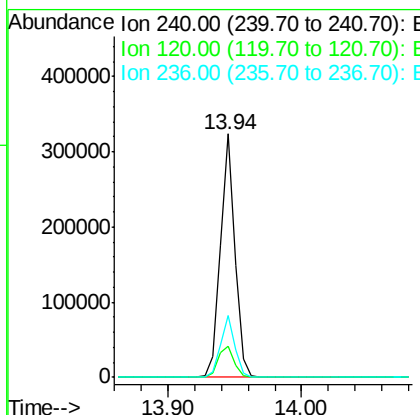
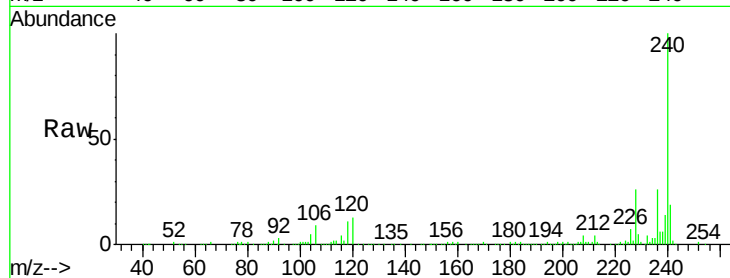
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	250578		
120	12.6	9.5	14.3	
236	25.6	20.7	31.1	

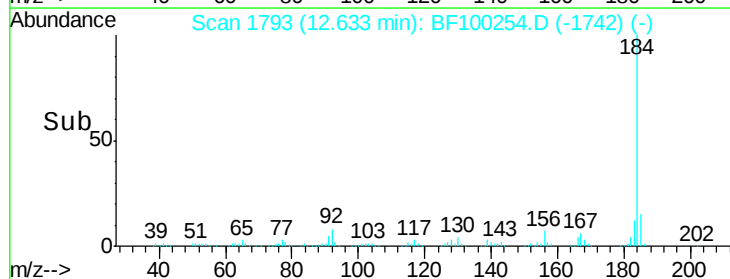
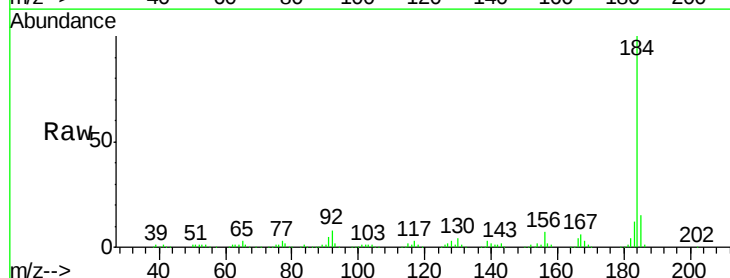
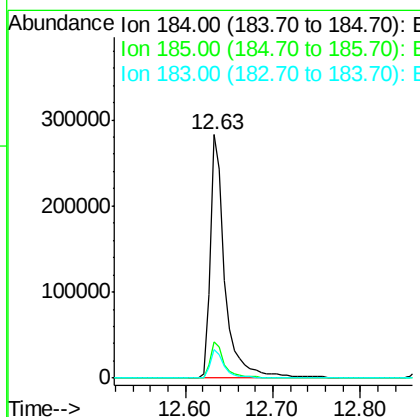
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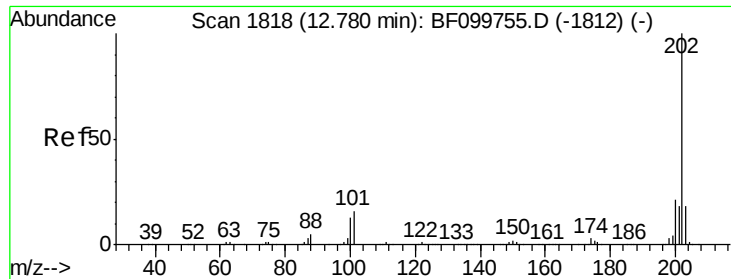
Sohil
11/7/2017 5:39:47 PM



#76
Benzidine
Concen: 29.930 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	328167		
185	14.8	12.6	18.8	
183	11.8	9.3	13.9	





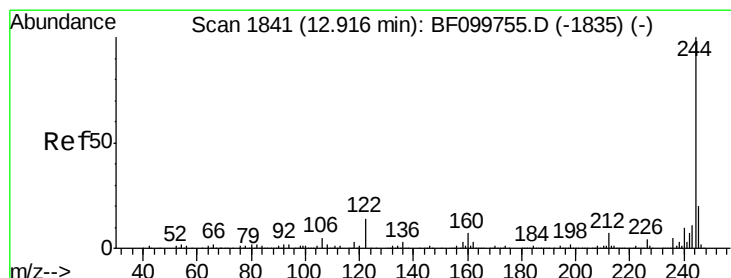
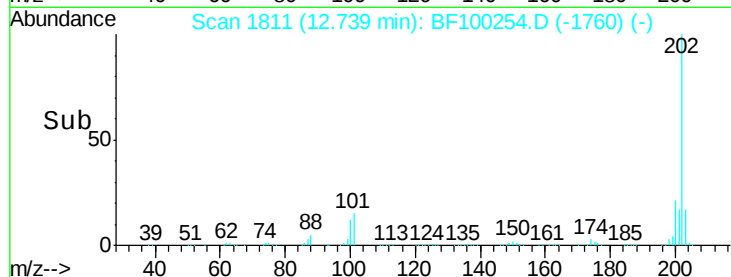
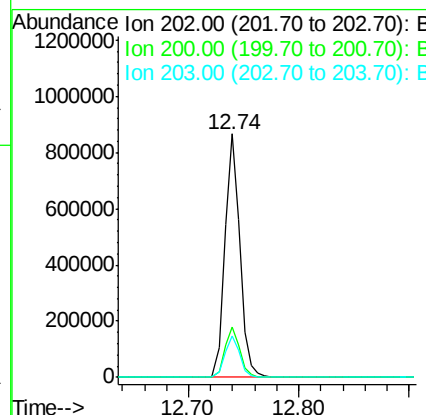
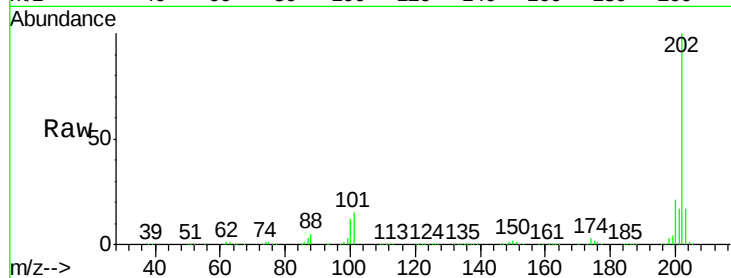
#77
 Pyrene
 Concen: 42.987 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5

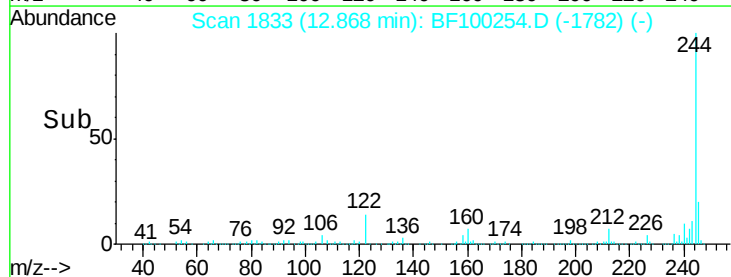
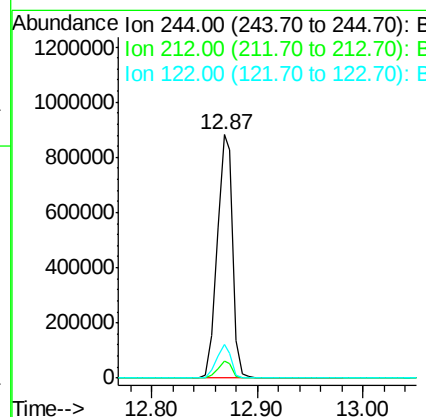
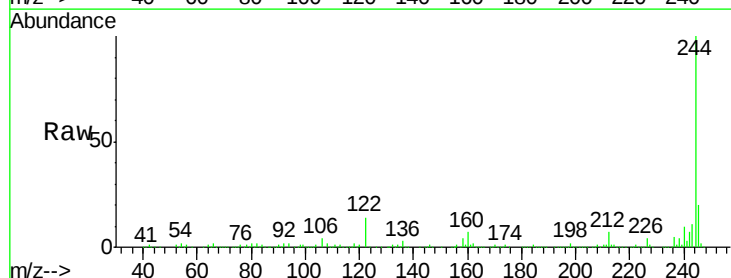
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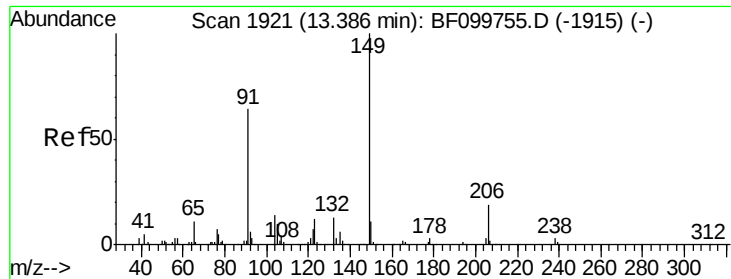
Sohil
 11/7/2017 5:39:47 PM



#78
 Terphenyl-d14
 Concen: 79.767 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4





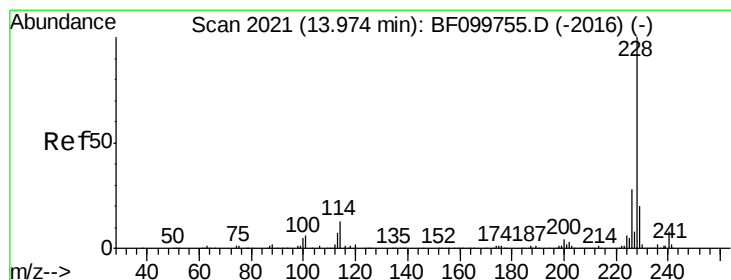
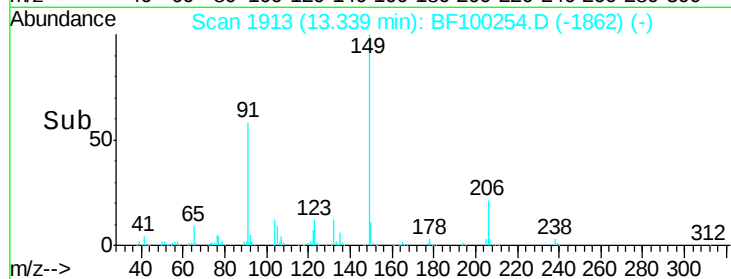
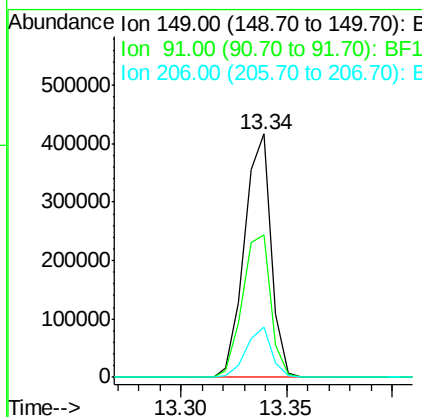
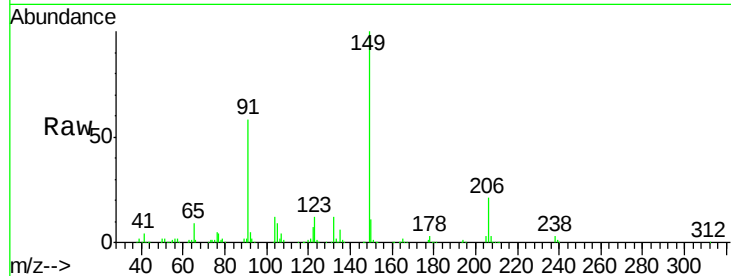
#79
Butylbenzylphthalate
Concen: 38.975 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.5	56.8	85.2
206	20.6	14.1	21.1

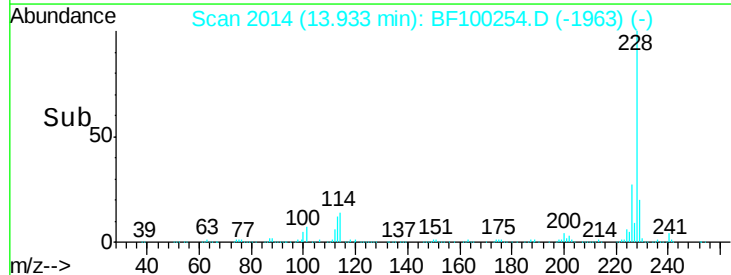
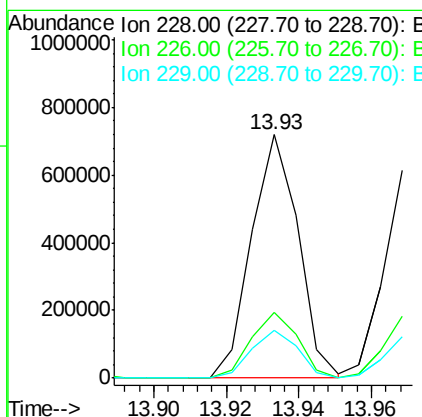
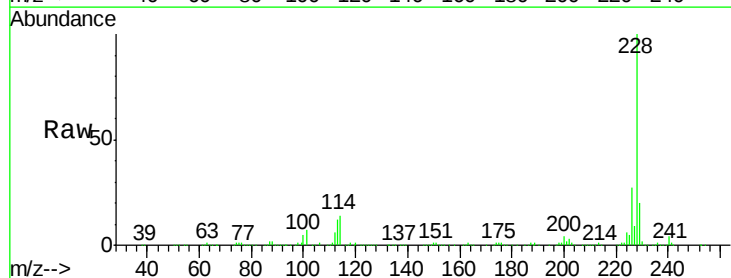
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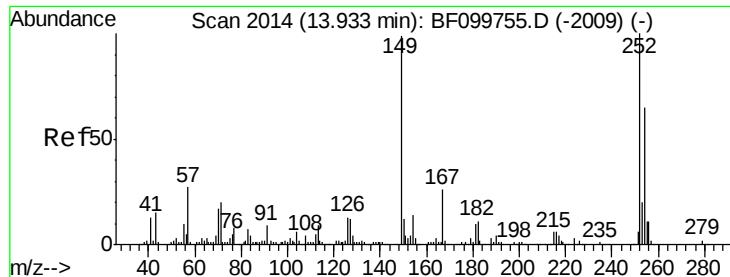
Sohil
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#80
Benzo(a)anthracene
Concen: 40.546 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.8	15.8	23.6





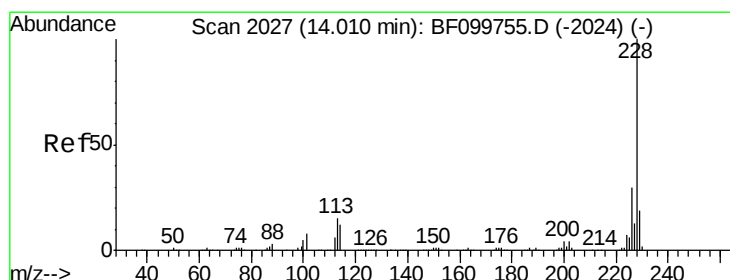
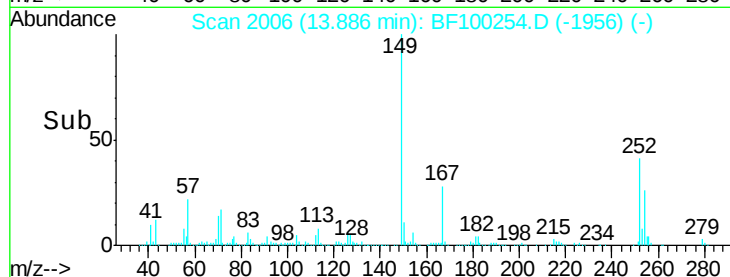
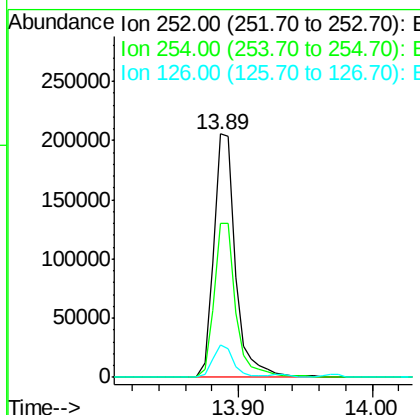
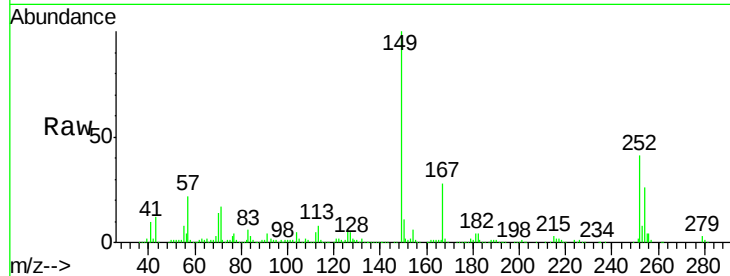
#81
3,3'-Dichlorobenzidine
Concen: 41.314 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	13.5	11.3	16.9

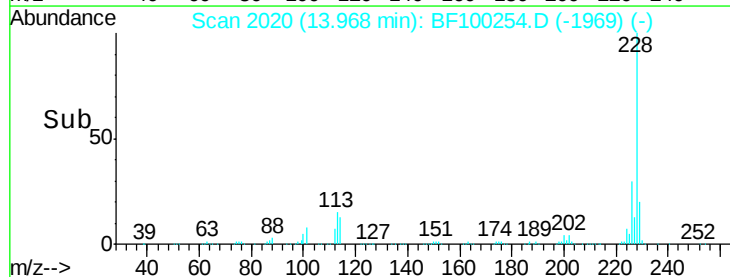
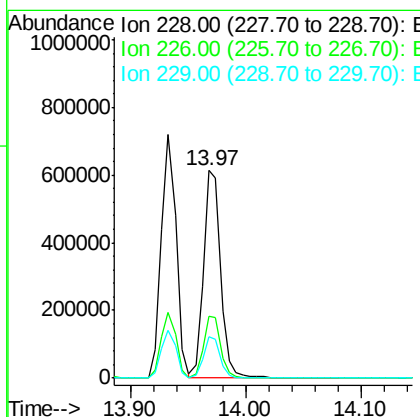
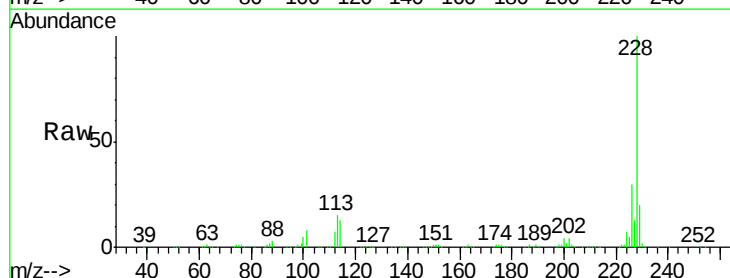
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APPROVED

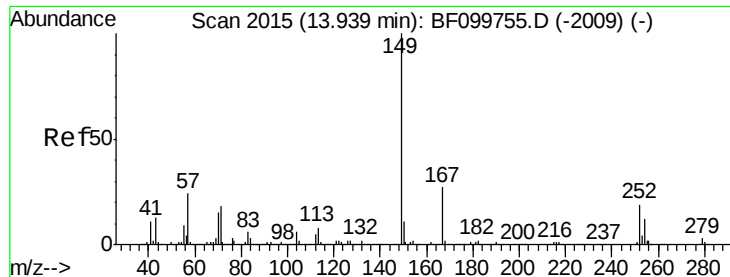
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#82
Chrysene
Concen: 42.507 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF100254.D
Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.0	16.2	24.4





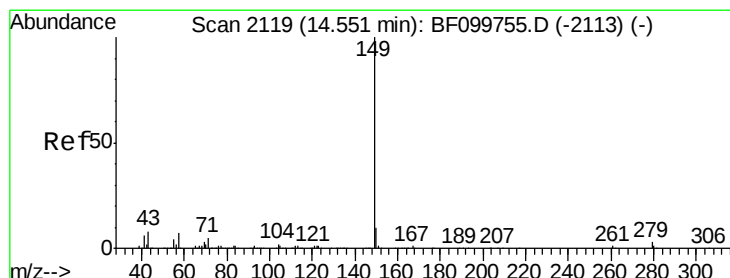
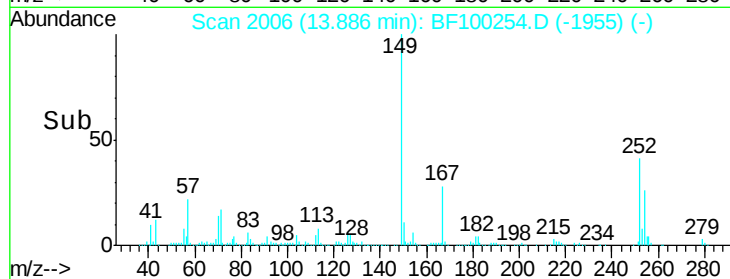
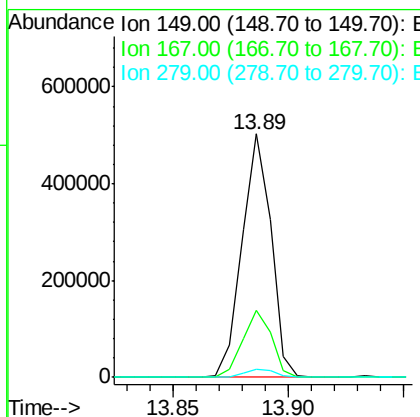
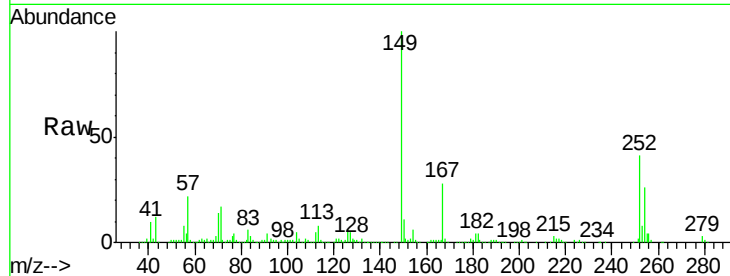
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.676 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	3.2	3.0	4.4

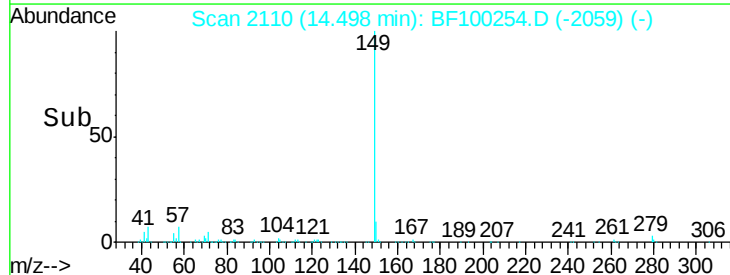
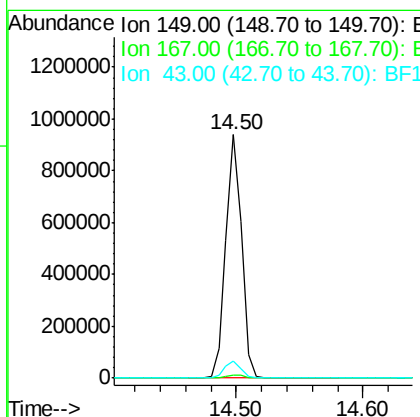
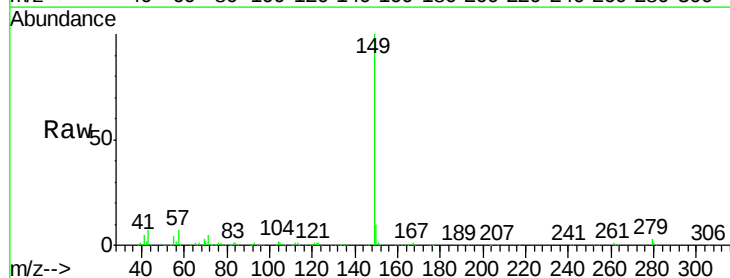
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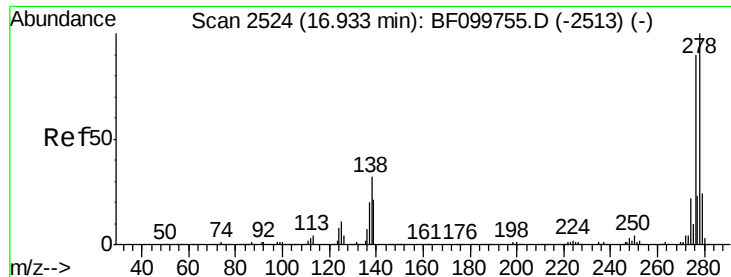
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#84
 Di-n-octyl phthalate
 Concen: 36.067 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	8.4	12.6#





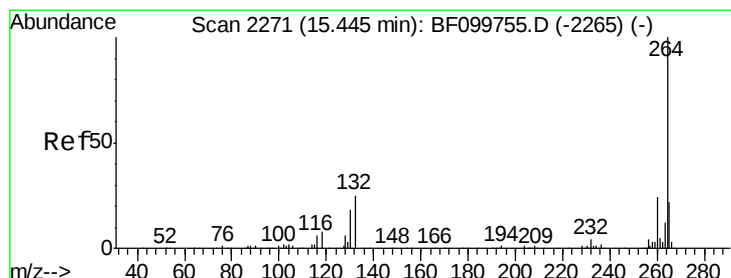
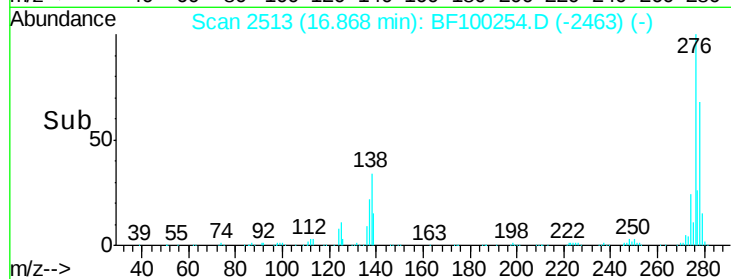
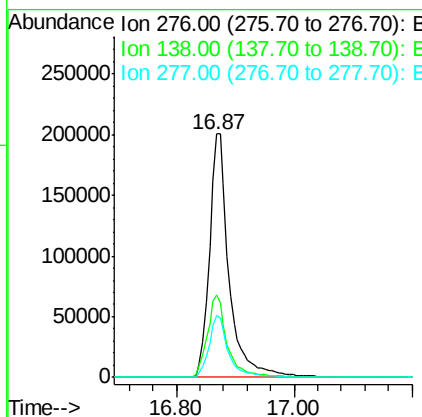
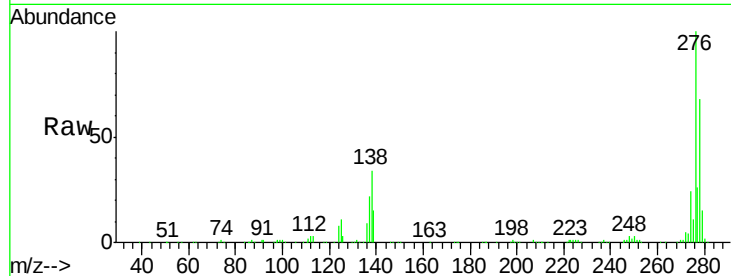
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.901 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

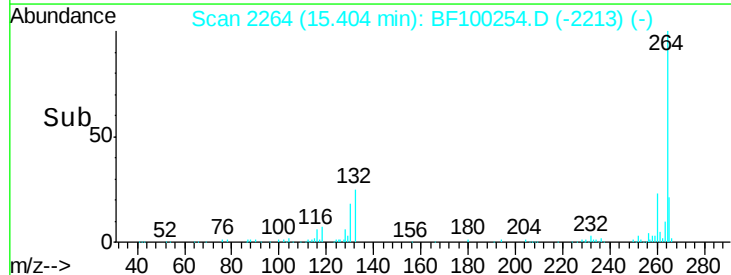
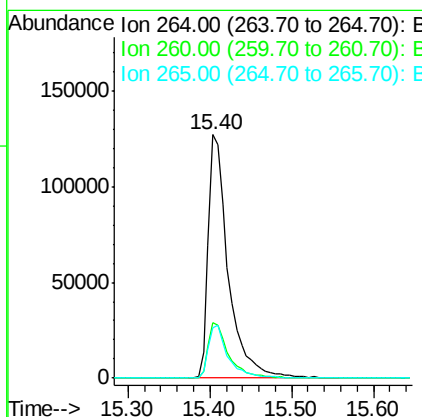
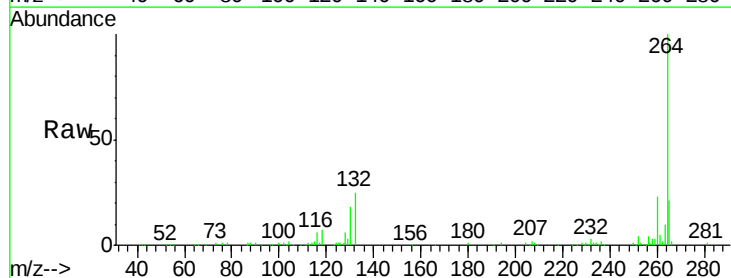
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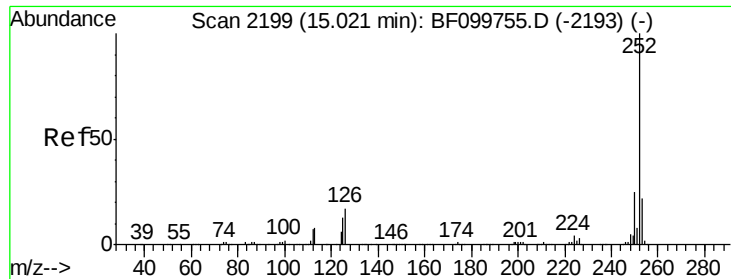
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100254.D
 Acq: 6 Nov 2017 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.930 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

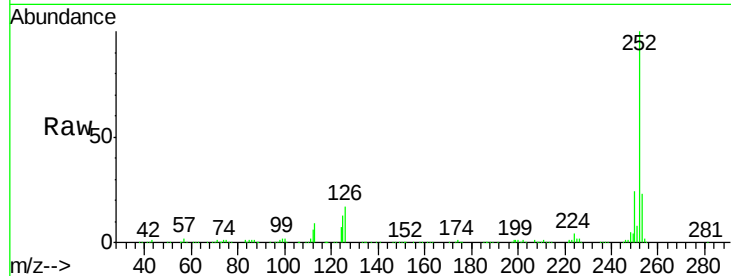
ClientSampleId :

SSTDCCC040

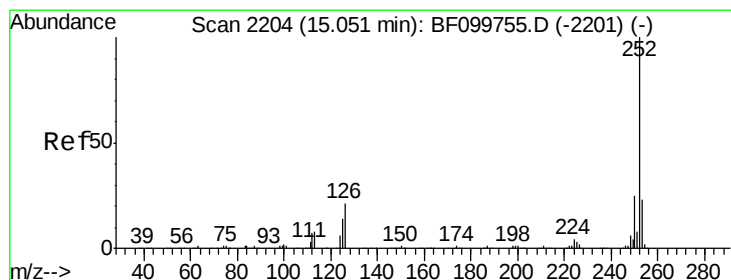
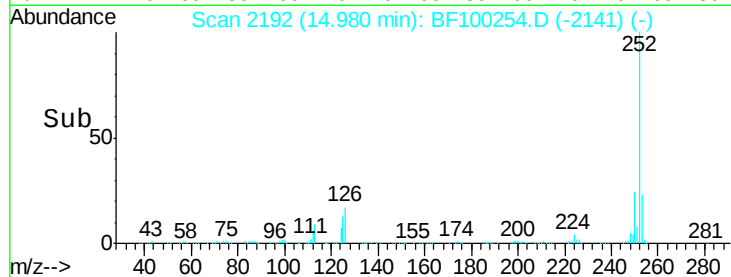
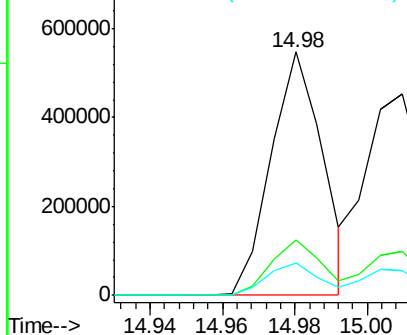
Tgt Ion:	252	Resp:	545946
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	13.1	9.0	13.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.461 ng

RT: 15.01 min Scan# 2197

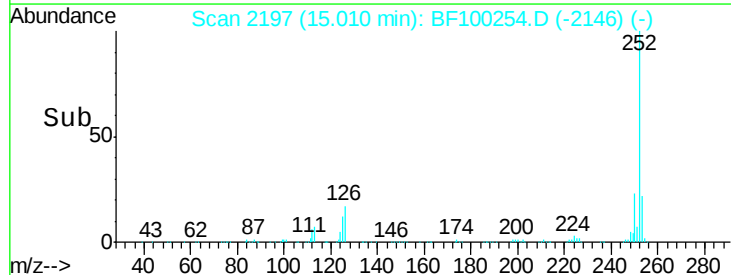
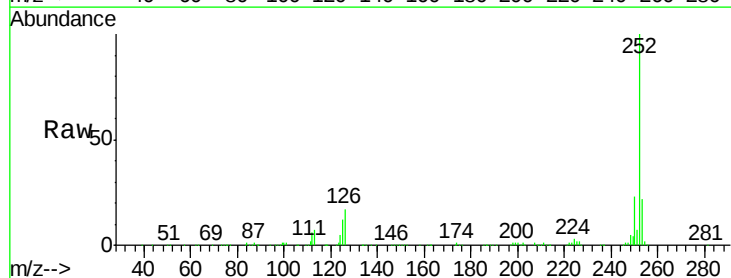
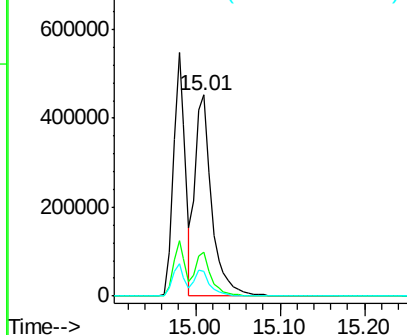
Delta R.T. -0.00 min

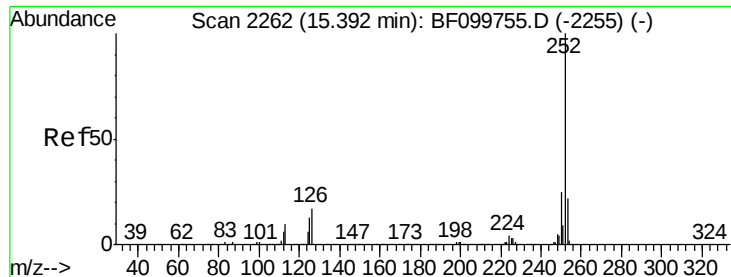
Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	252	Resp:	611904
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	12.1	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.455 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Instrument :

BNA_F

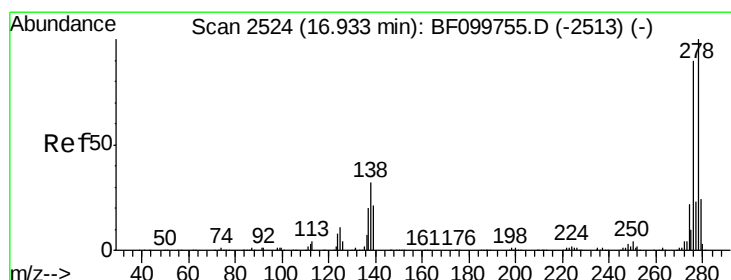
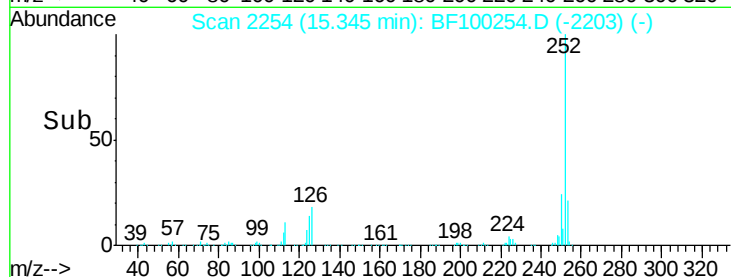
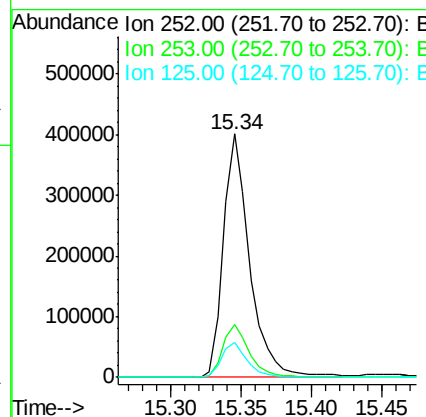
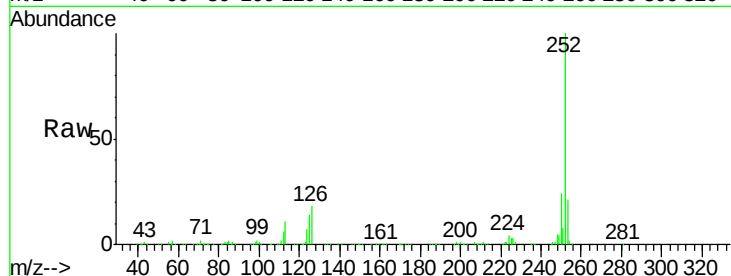
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	521427
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	14.2	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 36.631 ng

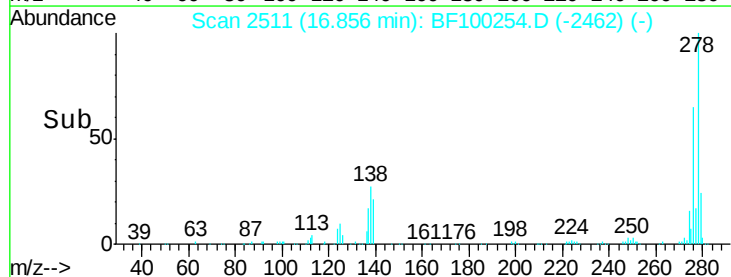
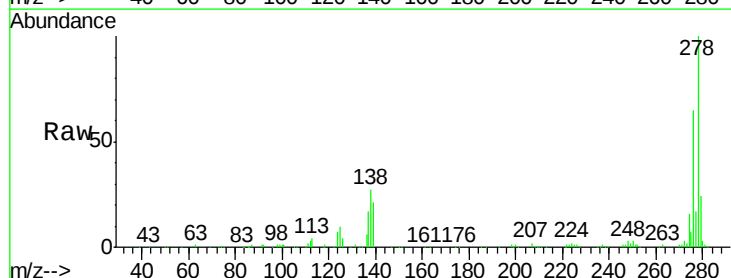
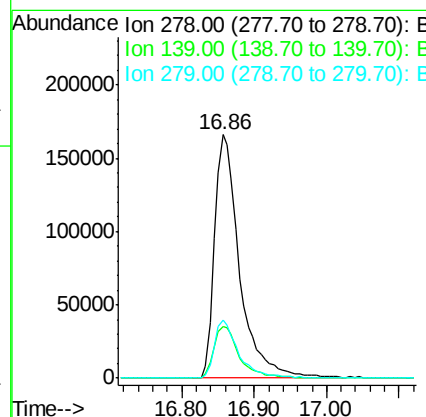
RT: 16.86 min Scan# 2511

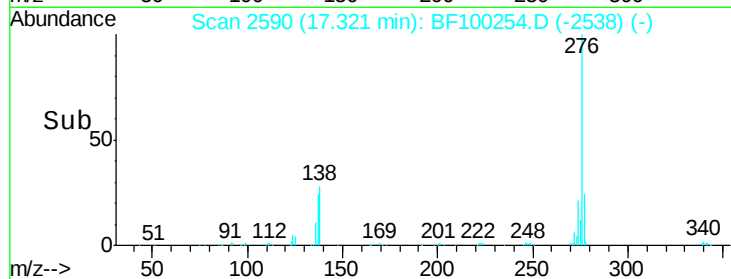
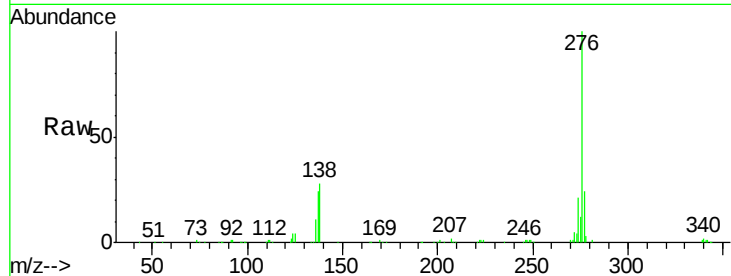
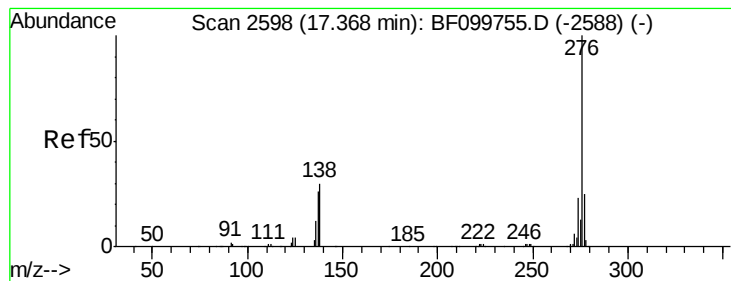
Delta R.T. -0.01 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt Ion:	278	Resp:	399763
Ion Ratio	Lower	Upper	
278	100		
139	21.3	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 35.983 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.01 min

Lab File: BF100254.D

Acq: 6 Nov 2017 16:37

Tgt	Ion	276	Resp:	384195
Ion	Ratio	100	Lower	Upper
276	100			
277	24.1	17.9	26.9	
138	28.2	21.8	32.8	

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
11/7/2017 5:39:47 PM

