

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099713.D
 Acq On : 20 Oct 2017 20:57
 Operator : SJ/JU
 Sample : I5950-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

Manual Integrations
 APPROVED

Sohil

Quant Time: Oct 23 11:18:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

10/23/2017 3:26:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94576	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	374137	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	149522	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	211825	20.00	ng	0.00
75) Chrysene-d12	13.98	240	166246	20.00	ng	0.00
86) Perylene-d12	15.44	264	169298	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	670517	112.86	ng	0.00
7) Phenol-d6	6.46	99	792488	108.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	452465	77.56	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	130858	106.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	783058	87.43	ng	0.00
78) Terphenyl-d14	12.92	244	460720	63.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	74047	26.091	ng	93
3) Pyridine	3.38	79	215369	28.053	ng	90
4) n-Nitrosodimethylamine	3.33	42	81003	24.881	ng	# 73
6) Aniline	6.49	93	191401	19.350	ng	# 86
8) 2-Chlorophenol	6.60	128	232595	34.571	ng	94
9) Benzaldehyde	6.37	77	58189	13.687	ng	89
10) Phenol	6.47	94	301873	36.829	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	222503	34.918	ng	96
12) 1,3-Dichlorobenzene	6.75	146	241861	34.325	ng	96
13) 1,4-Dichlorobenzene	6.83	146	245929	34.305	ng	97
14) 1,2-Dichlorobenzene	6.99	146	229075	34.582	ng	96
15) Benzyl Alcohol	6.96	79	162528	30.229	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	269805	27.177	ng	61
17) 2-Methylphenol	7.08	107	185856	33.761	ng	# 94
18) Hexachloroethane	7.32	117	75372	29.250	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	141269	30.191	ng	93
20) 3+4-Methylphenols	7.23	107	234266	33.638	ng	# 76
22) Acetophenone	7.23	105	299184	33.005	ng	# 98
24) Nitrobenzene	7.40	77	218819	33.064	ng	93
25) Isophorone	7.64	82	400808	33.229	ng	96
26) 2-Nitrophenol	7.72	139	124574	39.144	ng	88
27) 2,4-Dimethylphenol	7.76	122	201024	33.448	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	263842	35.100	ng	100
29) 2,4-Dichlorophenol	7.96	162	193359	37.472	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	189027	36.627	ng	99
31) Naphthalene	8.12	128	625808	35.614	ng	99
33) 4-Chloroaniline	8.17	127	126137	17.190	ng	95
34) Hexachlorobutadiene	8.23	225	92447	34.778	ng	100
35) Caprolactam	8.54	113	57763	34.898	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	186163	32.098	ng	92
37) 2-Methylnaphthalene	8.81	142	412362	36.099	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	167018	37.455	ng	98
40) Hexachlorocyclopentadiene	8.95	237	8759	4.298	ng	96
42) 2,4,6-Trichlorophenol	9.09	196	116065	36.741	ng	99

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Manual Integrations
 APPROVED

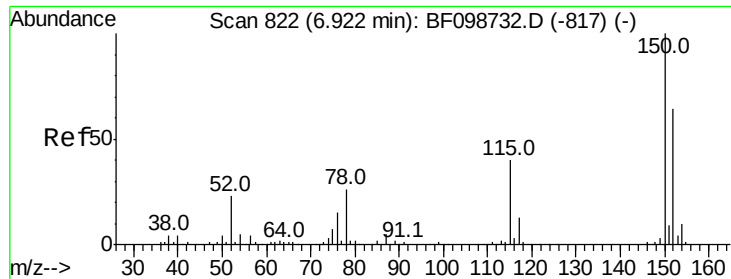
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	122015	38.692	nq	95
45) 1,1'-Biphenyl	9.27	154	469397	36.527	nq	100
46) 2-Chloronaphthalene	9.30	162	365981	37.932	nq	96
47) 2-Nitroaniline	9.40	65	101384	34.317	nq	87
48) Acenaphthylene	9.72	152	523147	35.419	nq	99
49) Dimethylphthalate	9.57	163	483723	42.864	nq	99
50) 2,6-Dinitrotoluene	9.65	165	90338	36.770	nq #	77
51) Acenaphthene	9.89	154	304103	32.503	nq	99
52) 3-Nitroaniline	9.82	138	76597	26.738	nq	86
53) 2,4-Dinitrophenol	9.94	184	7428	11.212	nq	90
54) Dibenzofuran	10.06	168	445345	35.750	nq	97
55) 4-Nitrophenol	9.99	139	116446	48.073	nq	87
56) 2,4-Dinitrotoluene	10.05	165	106969	33.548	nq #	96
57) Fluorene	10.40	166	343263	34.283	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	77852	35.738	nq	95
59) Diethylphthalate	10.27	149	384168	34.838	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	162827	36.202	nq	94
61) 4-Nitroaniline	10.43	138	80835	29.248	nq	82
62) Azobenzene	10.55	77	423150	41.734	nq	93
64) 4,6-Dinitro-2-methylphenol	10.46	198	19858	15.408	nq	86
65) n-Nitrosodiphenylamine	10.51	169	304865	41.545	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	84666	40.834	nq	96
67) Hexachlorobenzene	10.95	284	80139	36.188	nq	99
68) Atrazine	11.03	200	74891	33.920	nq	99
69) Pentachlorophenol	11.15	266	66395	48.175	nq	97
70) Phenanthrene	11.36	178	416896	36.768	nq	99
71) Anthracene	11.42	178	430164	37.079	nq	99
72) Carbazole	11.57	167	391110	34.426	nq	99
73) Di-n-butylphthalate	11.89	149	489017	35.761	nq #	98
74) Fluoranthene	12.55	202	397322	34.606	nq	99
76) Benzidine	12.67	184	202493	32.932	nq	97
77) Pyrene	12.78	202	404373	31.898	nq	99
79) Butylbenzylphthalate	13.39	149	179953	30.204	nq	93
80) Benzo(a)anthracene	13.97	228	356703	35.434	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	118859	32.209	nq	100
82) Chrysene	14.01	228	343245	35.815	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	263353	32.102	nq	98
84) Di-n-octyl phthalate	14.55	149	463983	35.125	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.92	276	327114	42.668	nq	97
87) Benzo(b)fluoranthene	15.02	252	354912m	34.096	nq	
88) Benzo(k)fluoranthene	15.04	252	361539	35.165	nq	99
89) Benzo(a)pyrene	15.38	252	343416	35.942	nq #	97
90) Dibenzo(a,h)anthracene	16.92	278	279630	36.569	nq	97
91) Benzo(g,h,i)perylene	17.35	276	265173	35.082	nq	96

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



#1

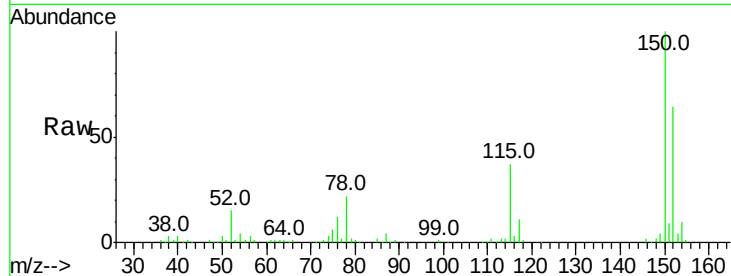
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
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ClientSampleId :
20170718-C-COMP1MSD

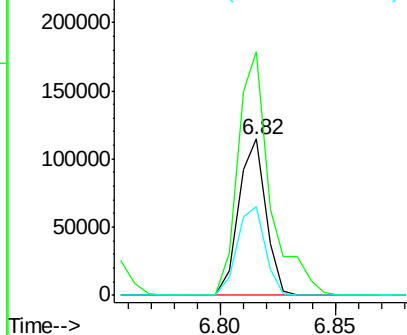
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.1	50.1	75.1

Manual Integrations
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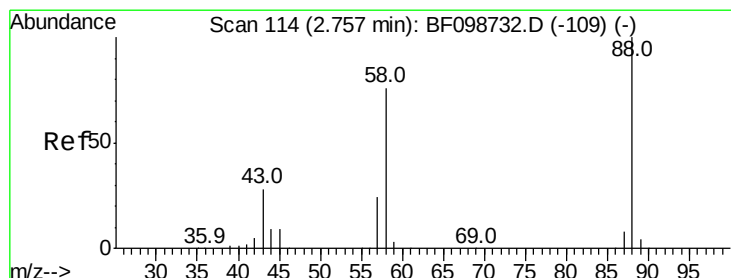
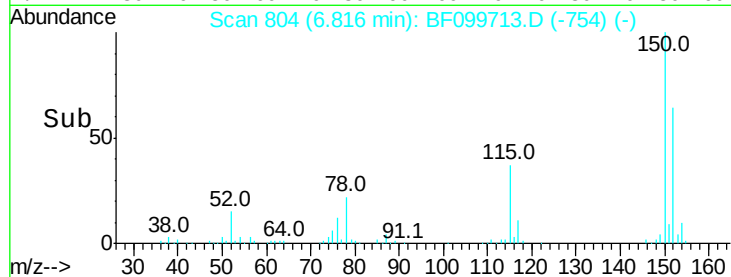
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



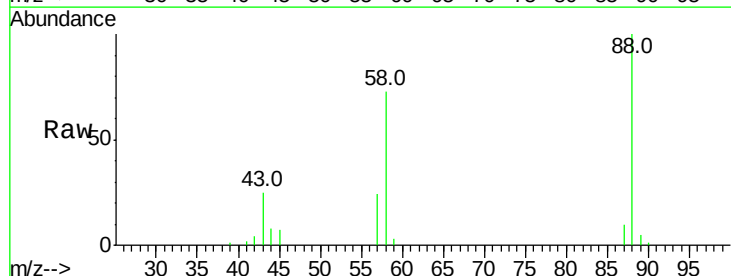
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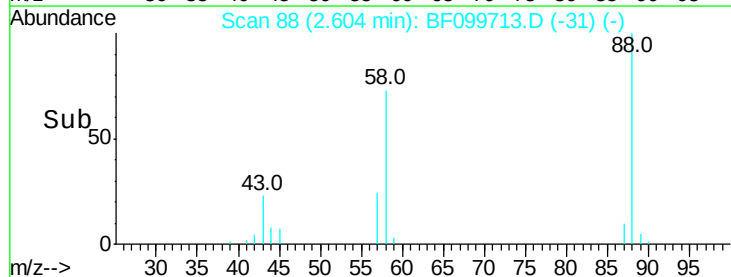
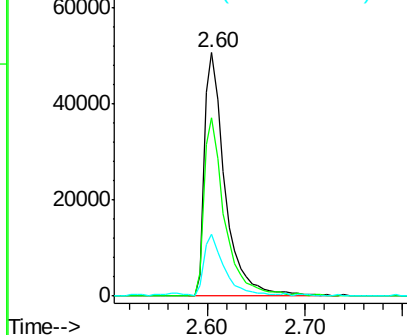
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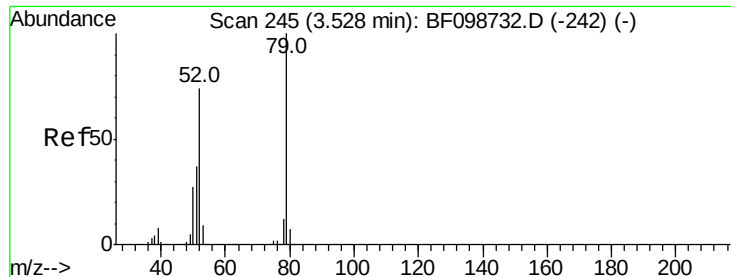
1,4-Dioxane
Concen: 26.091 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	62.6	93.8
43	25.8	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.053 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

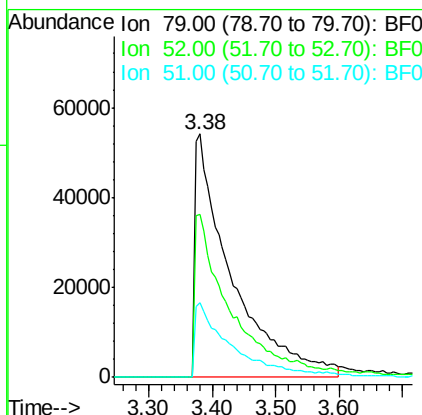
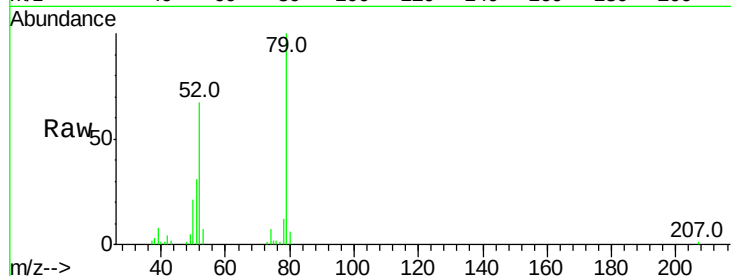
ClientSampleId :

20170718-C-COMP1MSD

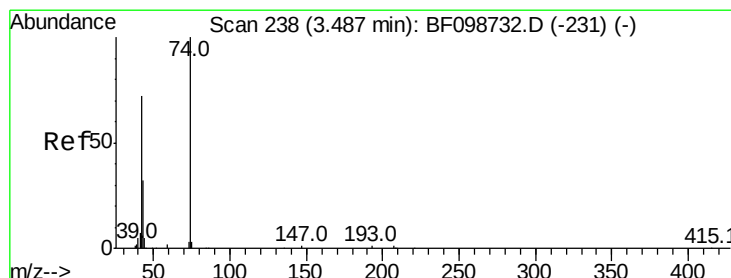
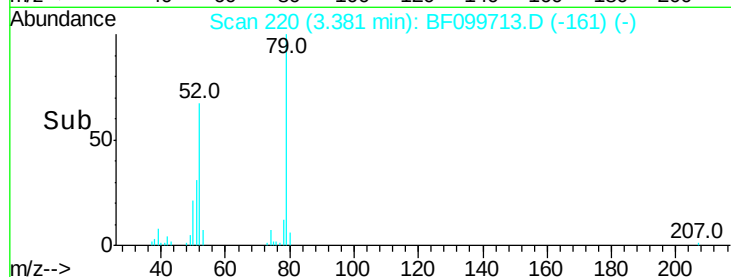
Tot Ion:	79	Resp:	215369
Ion Ratio	Lower	Upper	
79	100		
52	67.1	59.8	89.6
51	30.5	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.881 ng

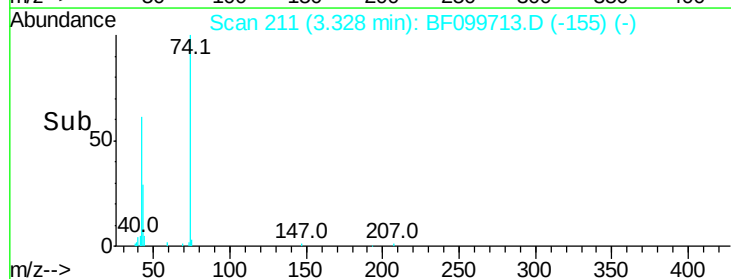
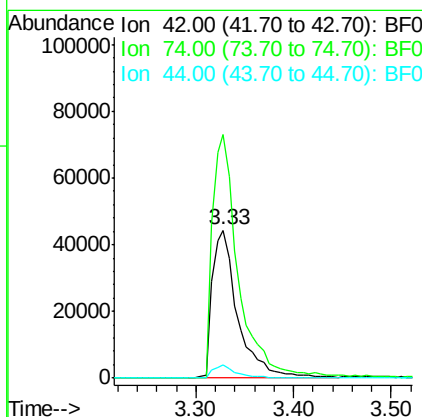
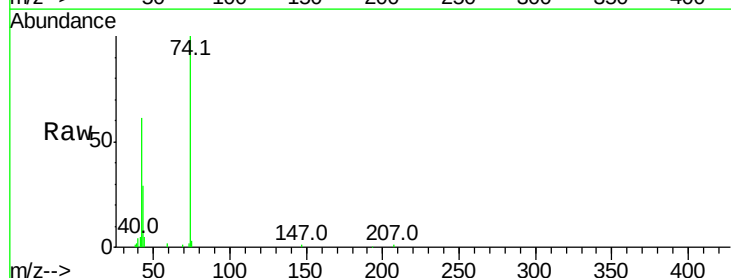
RT: 3.33 min Scan# 211

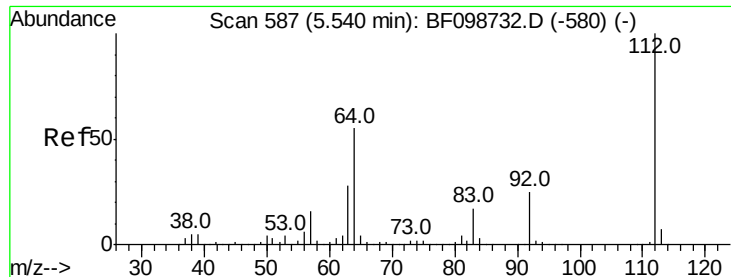
Delta R.T. 0.03 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion:	42	Resp:	81003
Ion Ratio	Lower	Upper	
42	100		
74	164.6	104.9	157.3#
44	8.7	6.9	10.3





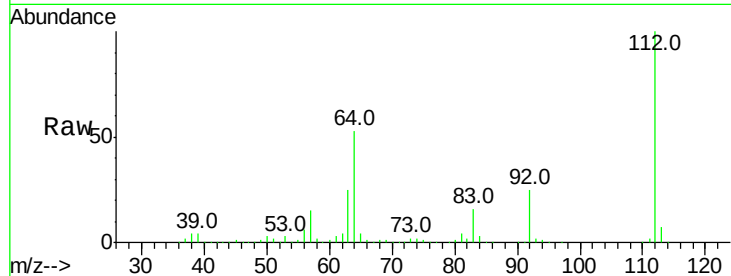
#5
2-Fluorophenol
Concen: 112.861 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
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ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	670517		
64	53.5		47.9	71.9
63	25.4		23.7	35.5

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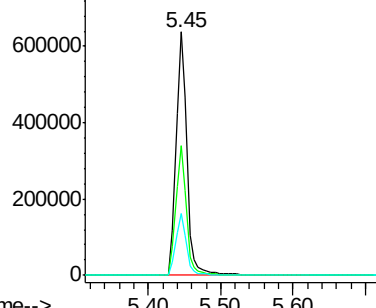
Sohil



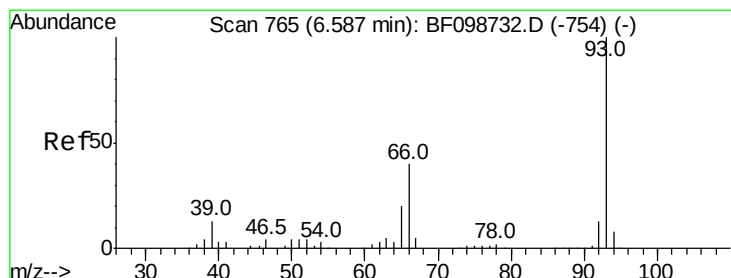
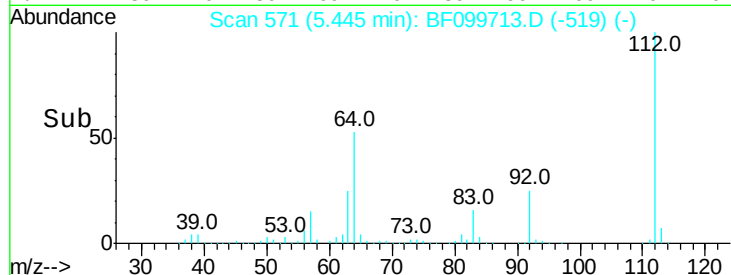
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

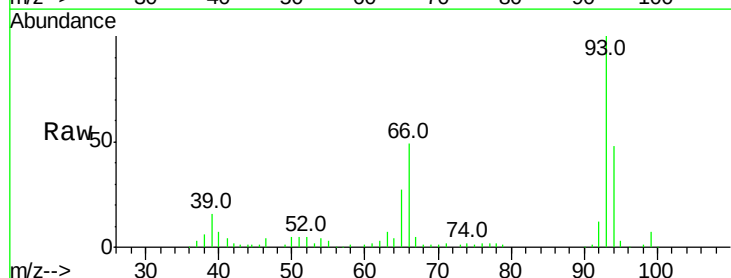


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#6
Aniline
Concen: 19.350 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

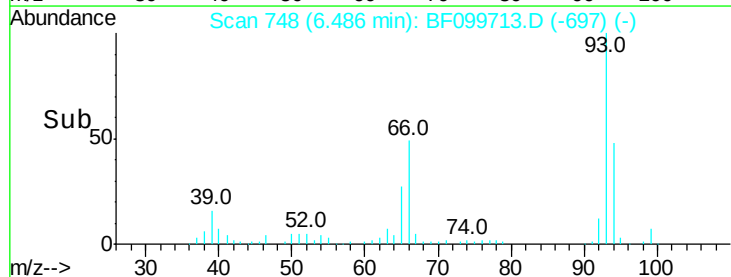
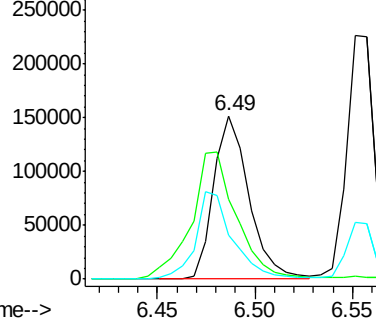
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191401		
66	49.2		32.2	48.2#
65	26.9		16.4	24.6#

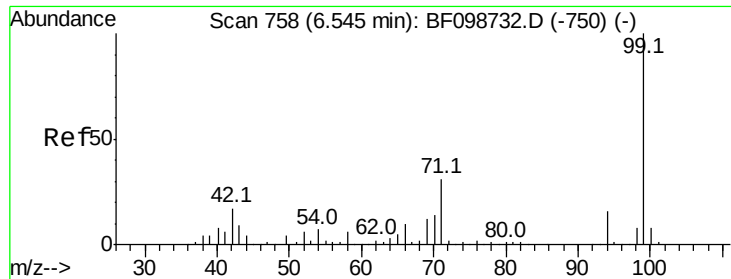


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.131 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

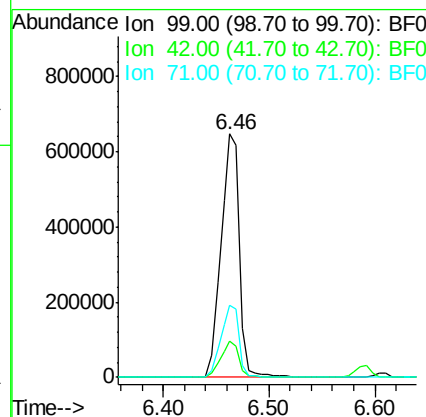
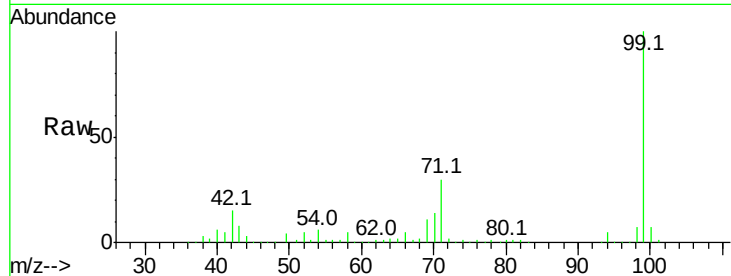
ClientSampleId :

20170718-C-COMP1MSD

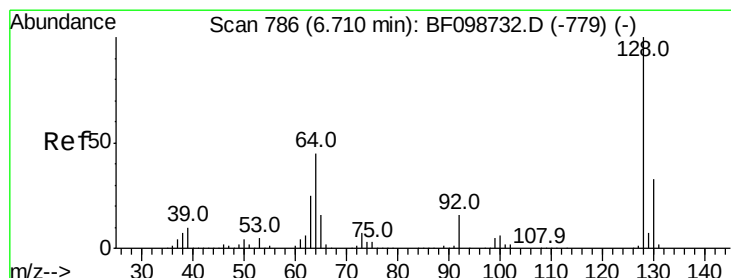
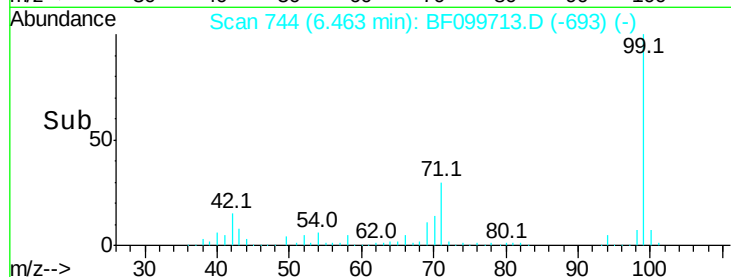
Tot Ion:	99	Resp:	792488
Ion Ratio	Lower	Upper	
99	100		
42	14.7	14.5	21.7
71	29.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.571 ng

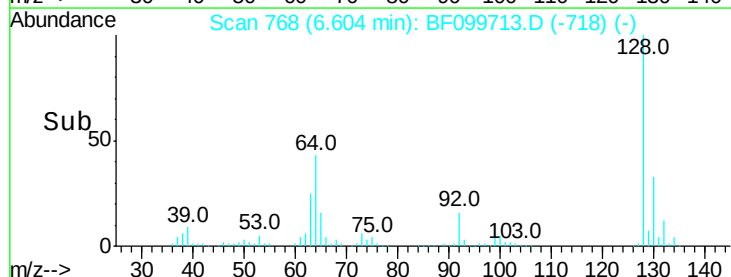
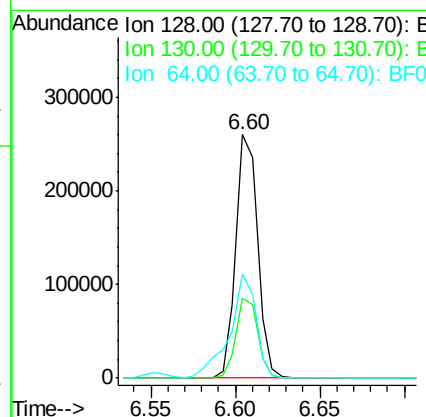
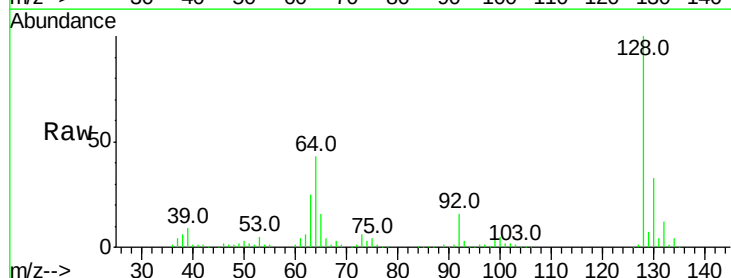
RT: 6.60 min Scan# 768

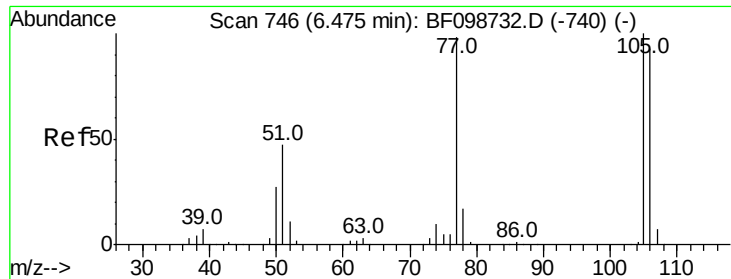
Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion:	128	Resp:	232595
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	42.8	29.4	69.4





#9
Benzaldehyde
Concen: 13.687 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

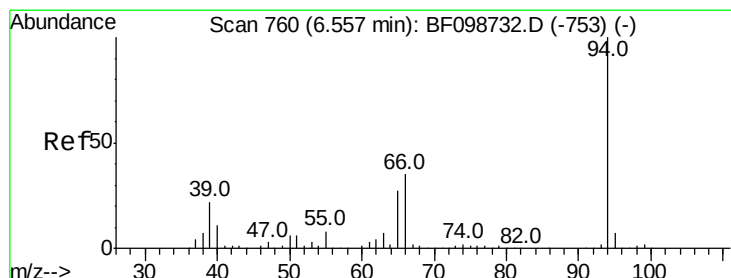
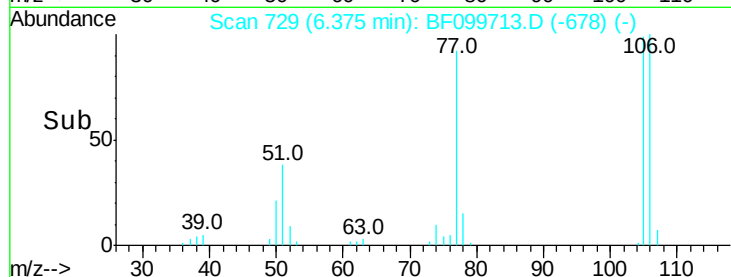
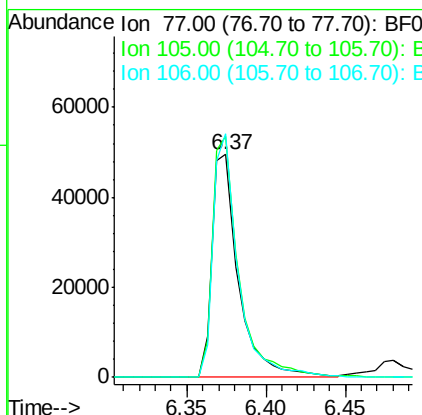
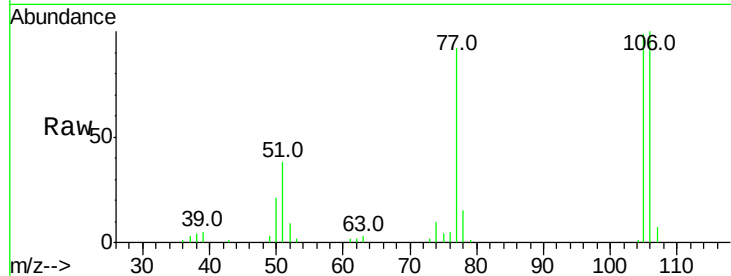
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.0	81.1	121.1
106	109.2	74.5	114.5

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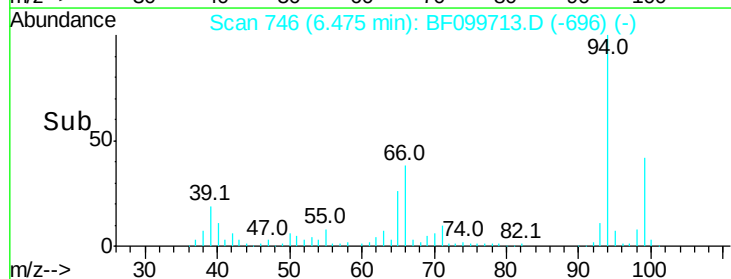
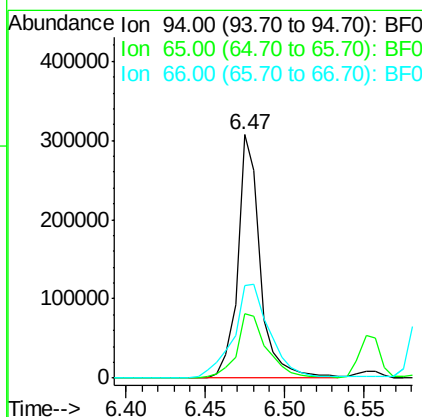
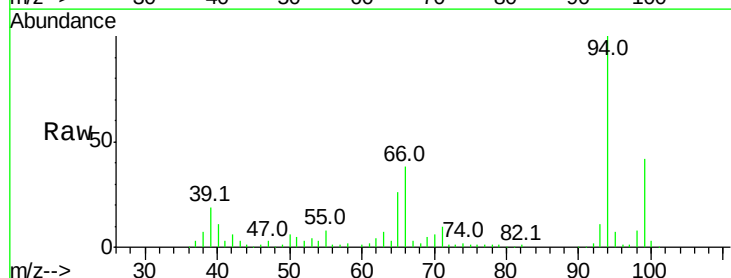
Sohil

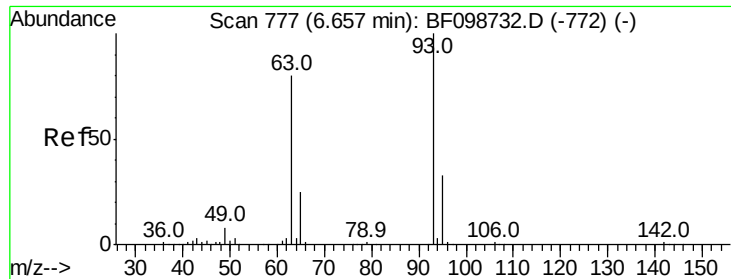
10/23/2017 3:26:56 PM



#10
Phenol
Concen: 36.829 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.9	47.9
66	37.9	16.2	56.2





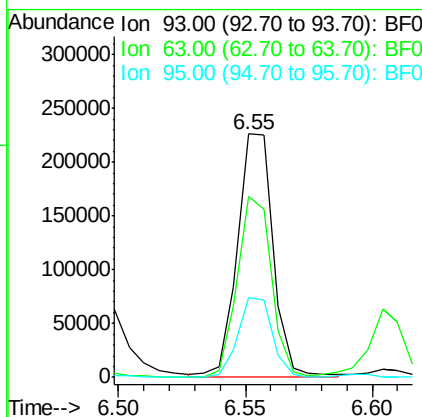
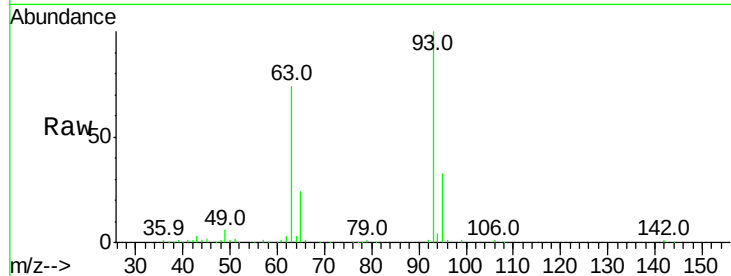
#11
bis(2-Chloroethyl)ether
Concen: 34.918 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

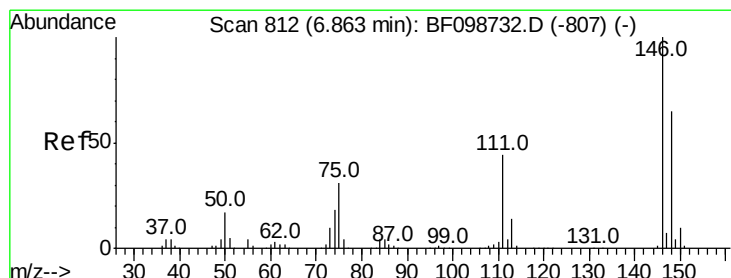
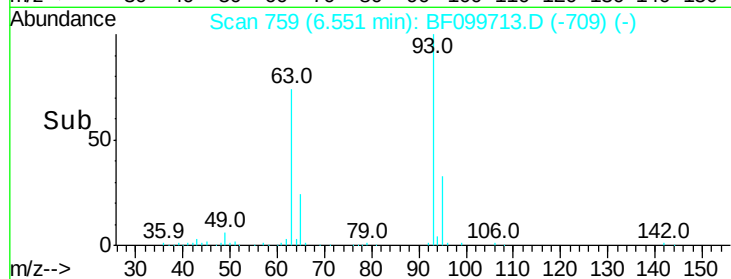
Tot Ion:	93	Resp:	222503
Ion Ratio	Lower	Upper	
93	100		
63	74.3	58.6	98.6
95	33.0	11.8	51.8

Manual Integrations
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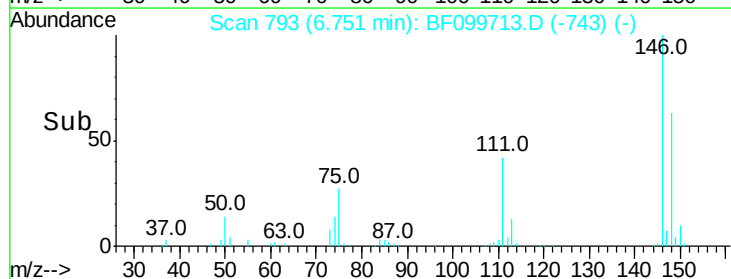
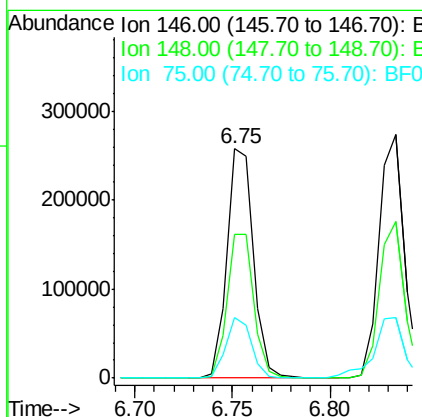
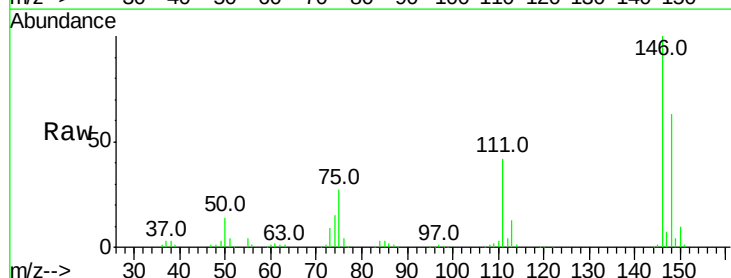


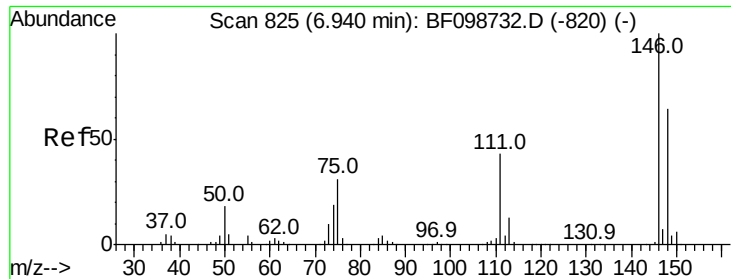
10/23/2017 3:26:56 PM



#12
1,3-Dichlorobenzene
Concen: 34.325 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion:	146	Resp:	241861
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	26.7	24.2	36.4





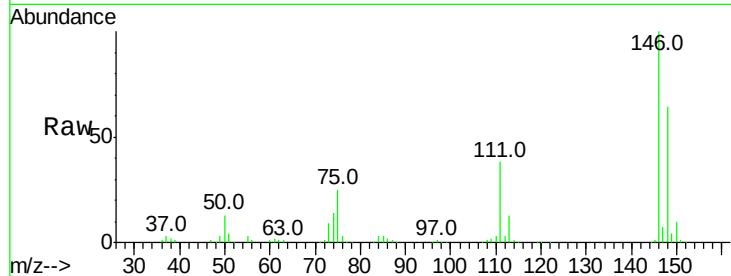
#13
 1,4-Dichlorobenzene
 Concen: 34.305 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

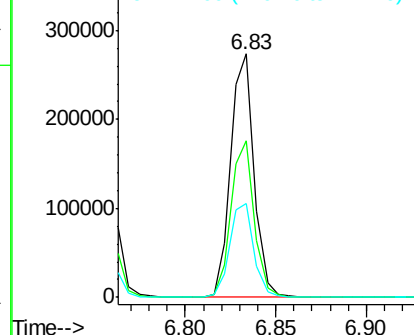
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	38.3	34.2	51.2

Manual Integrations
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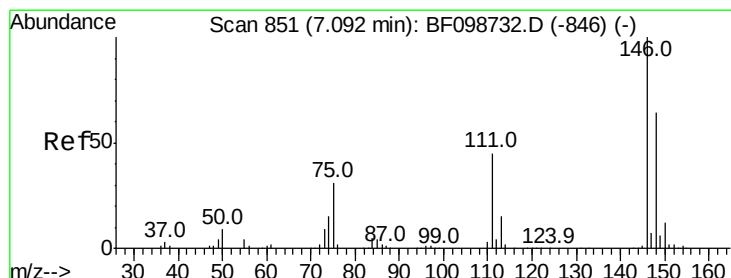
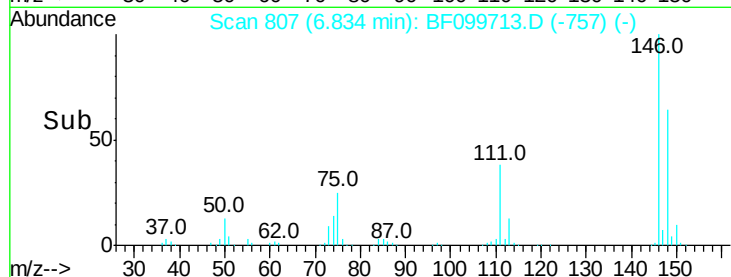
Sohil



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

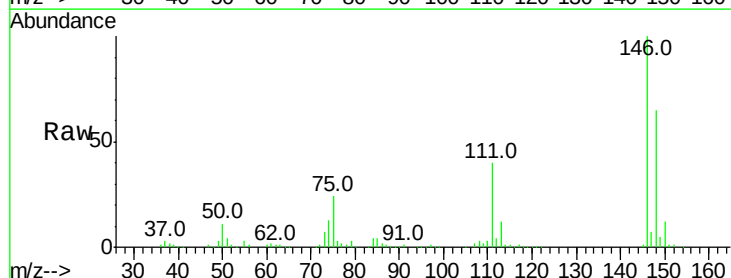


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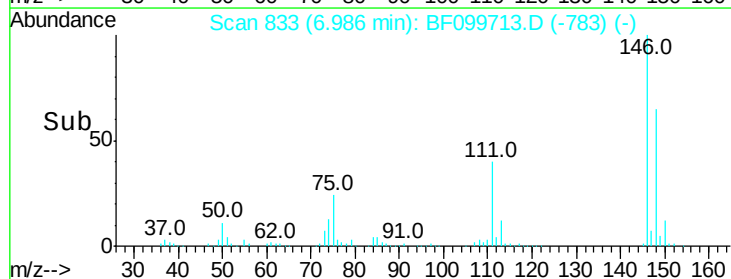
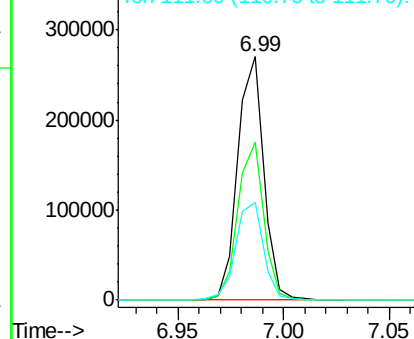


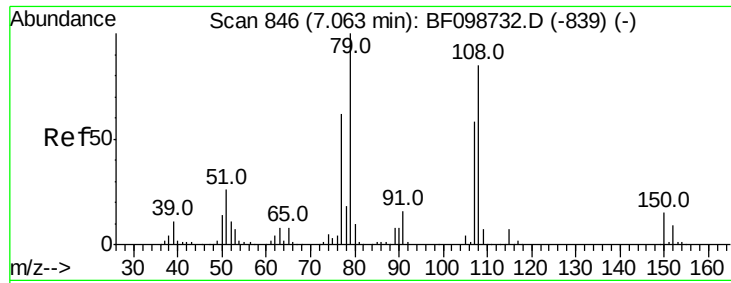
#14
 1,2-Dichlorobenzene
 Concen: 34.582 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	40.0	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





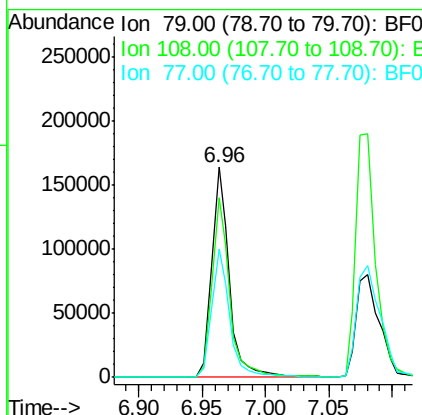
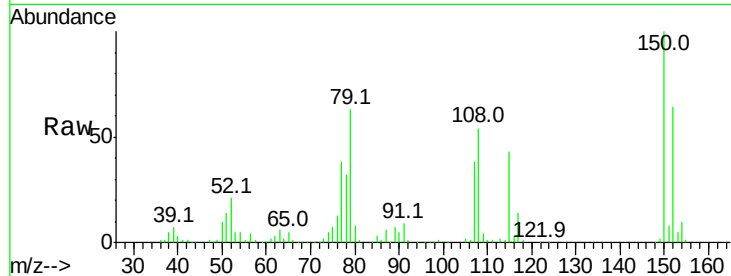
#15
Benzyl Alcohol
Concen: 30.229 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

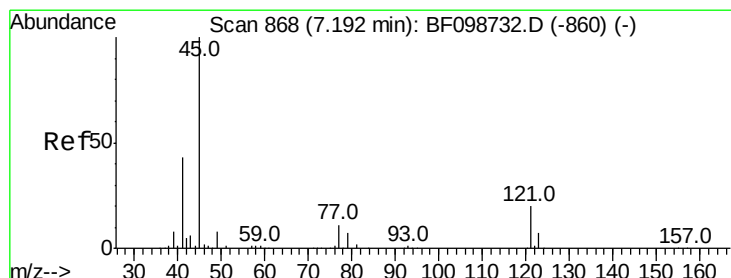
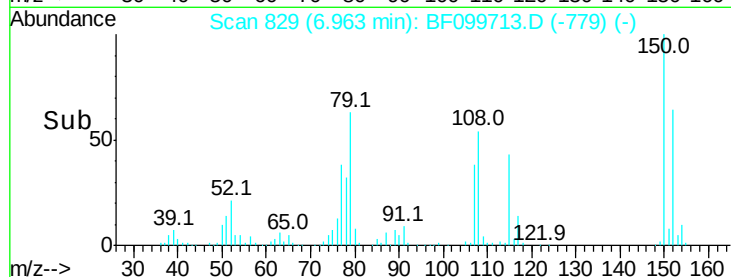
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.6	65.1	97.7
77	60.8	50.6	75.8

Manual Integrations
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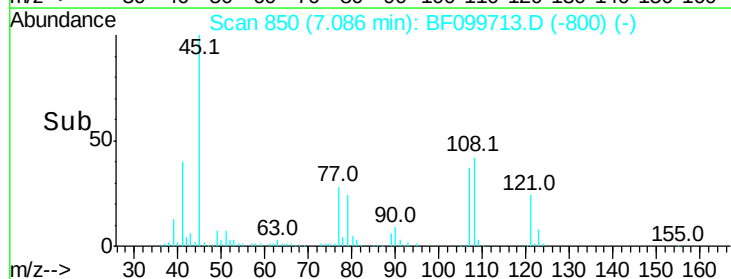
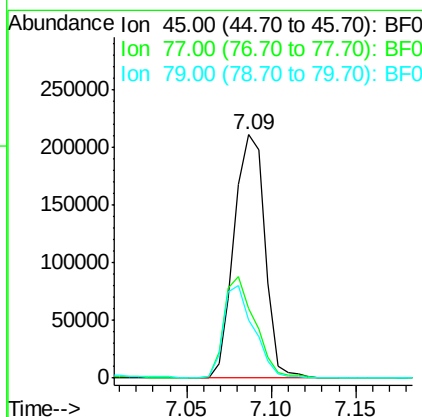
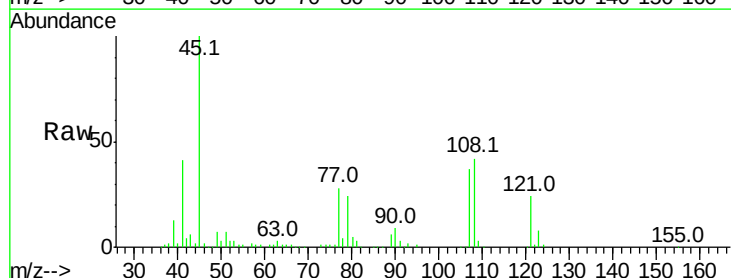


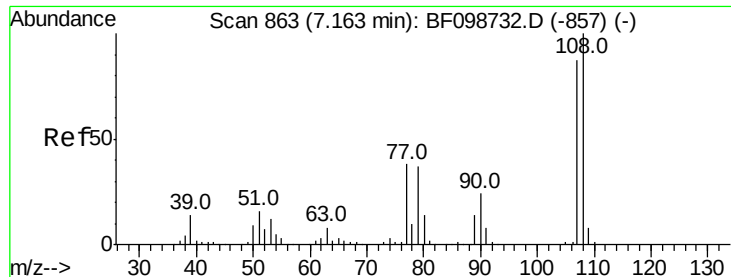
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.177 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.5	0.0	32.9
79	24.0	0.0	29.6





#17
2-Methylphenol
Concen: 33.761 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

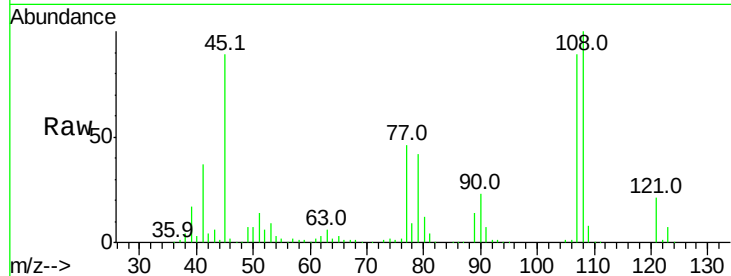
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	52.0	33.8	50.8
79	47.7	33.8	50.8

Manual Integrations
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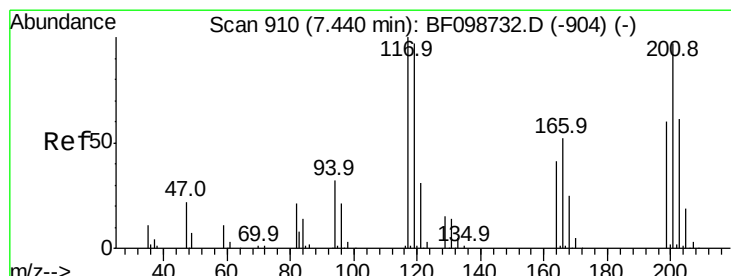
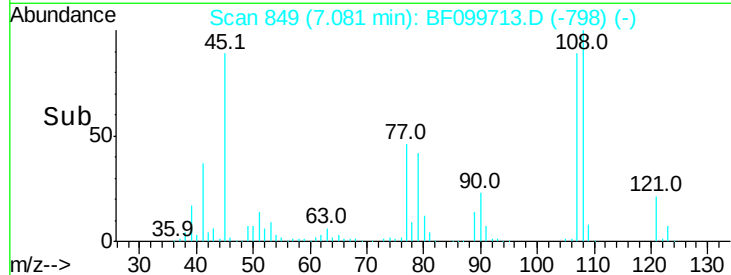
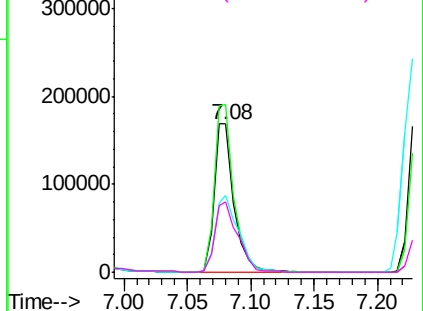
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 29.250 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

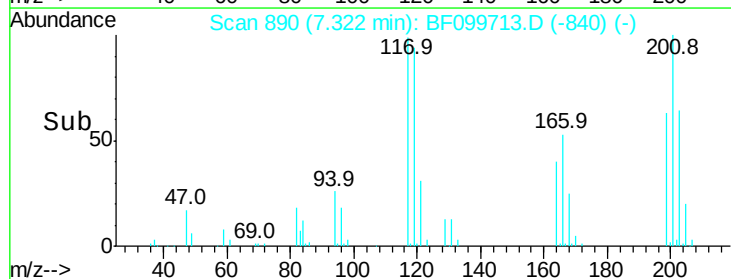
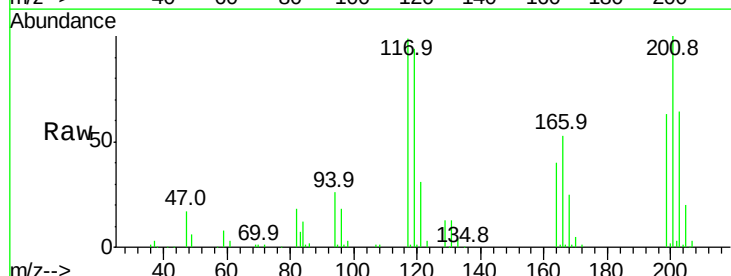
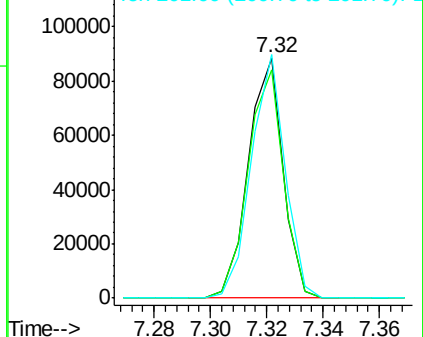
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	101.3	75.7	113.5

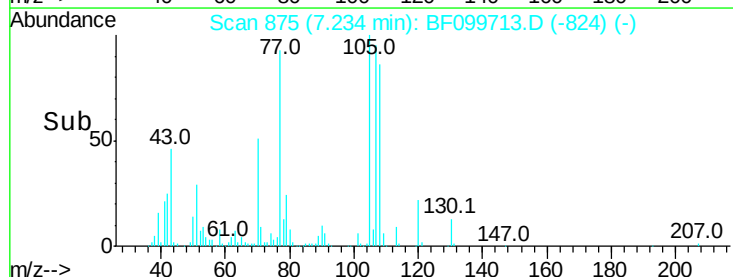
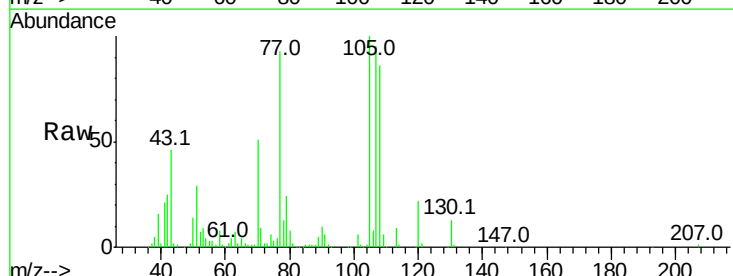
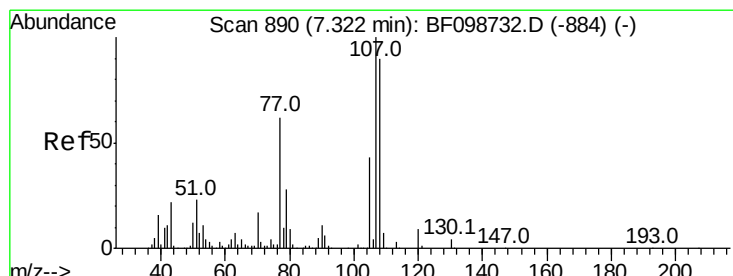
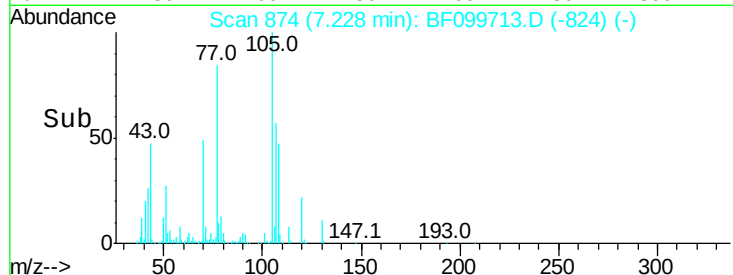
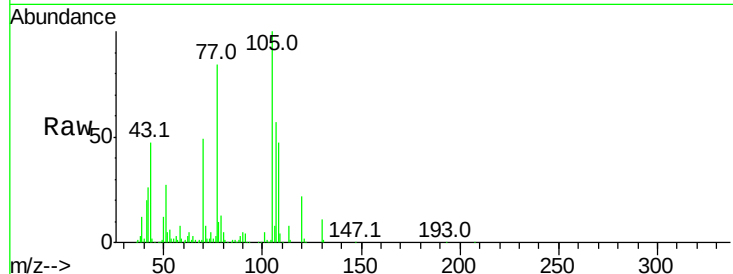
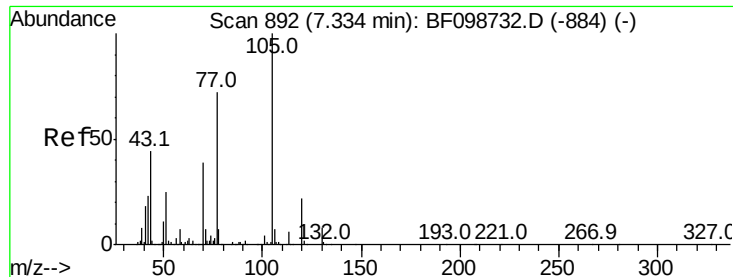
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

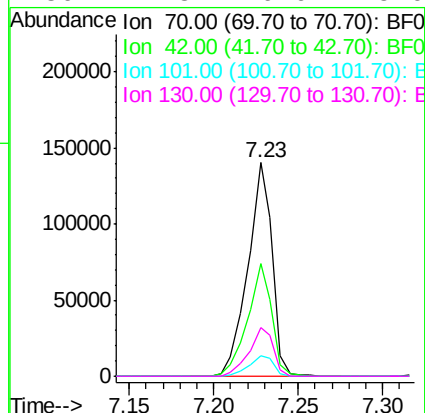
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 30.191 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tot Ion	70	Resp	141269
Ion Ratio	Lower	Upper	
70	100		
42	53.0	47.5	71.3
101	9.8	7.4	11.2
130	22.8	16.6	25.0



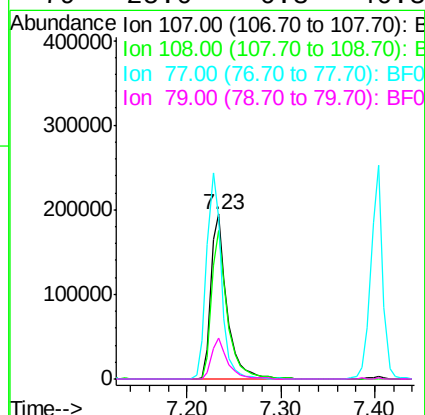
Instrument : BNA_F
ClientSampleId : 20170718-C-COMP1MSD

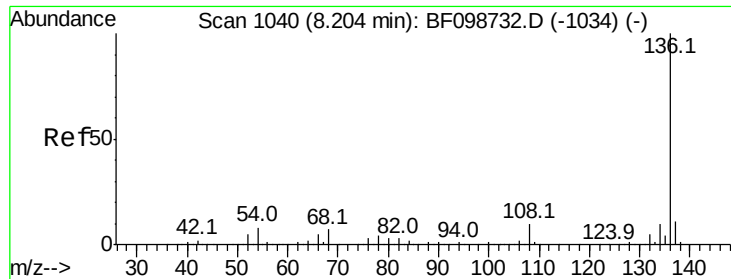
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Sohil

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#20
3+4-Methylphenols
Concen: 33.638 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	107	Resp	234266
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	97.6	26.7	66.7#
79	25.0	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

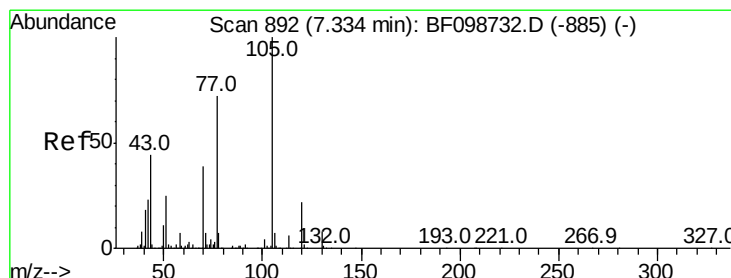
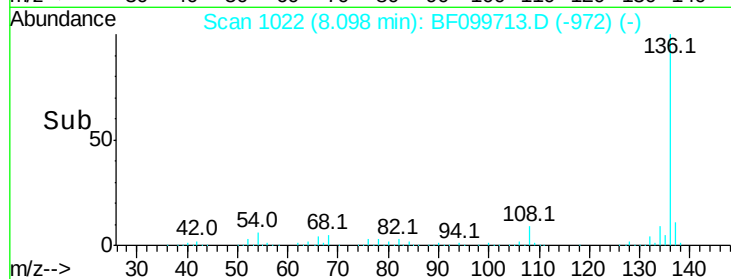
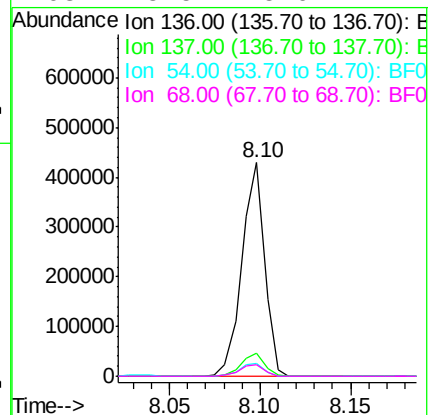
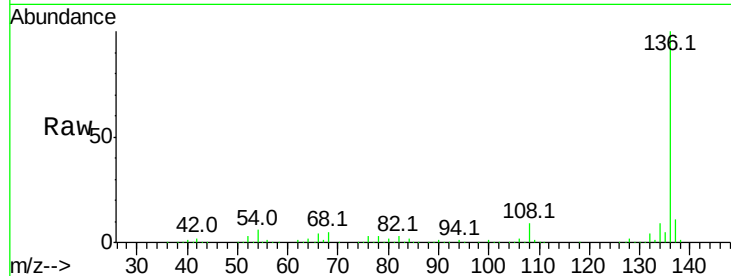
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.2	6.6	9.8	
68	5.5	5.0	7.4	

Manual Integrations
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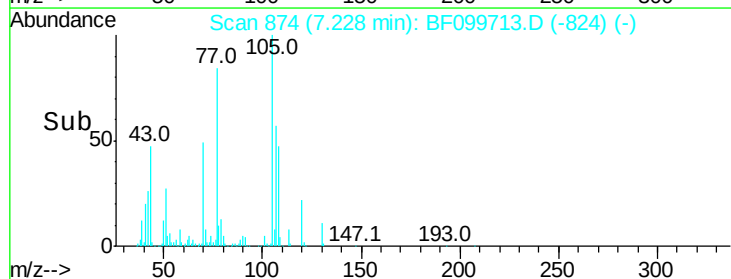
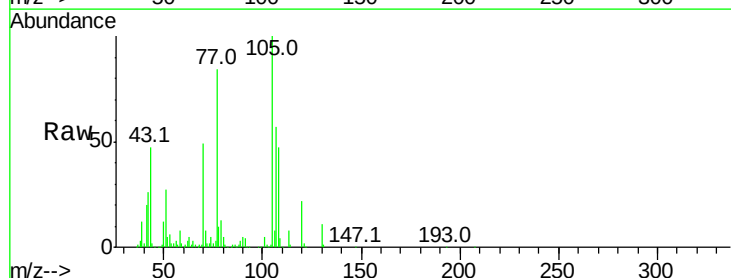
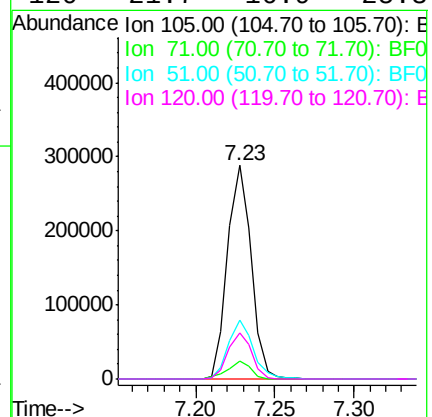
Sohil

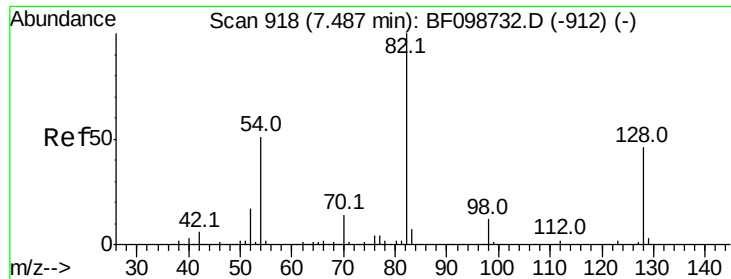
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#22
Acetophenone
Concen: 33.005 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6	
51	27.4	22.3	33.5	
120	21.7	16.9	25.3	





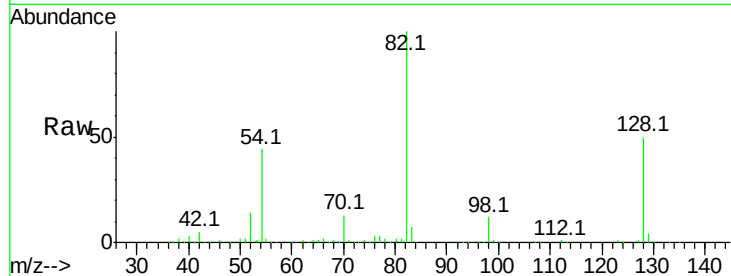
#23
 Nitrobenzene-d5
 Concen: 77.556 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

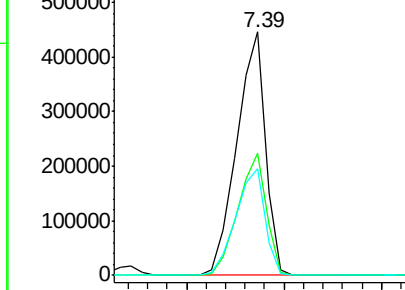
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.1	54.1
54	44.0	41.4	62.2

Manual Integrations
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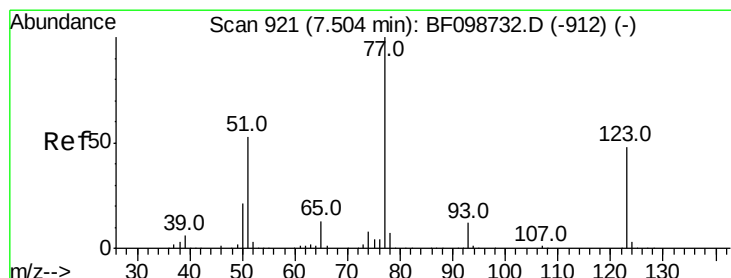
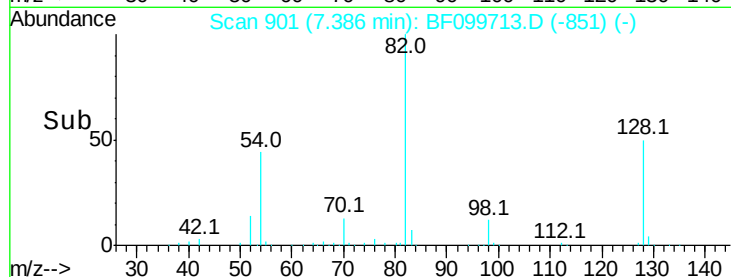
Sohil



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

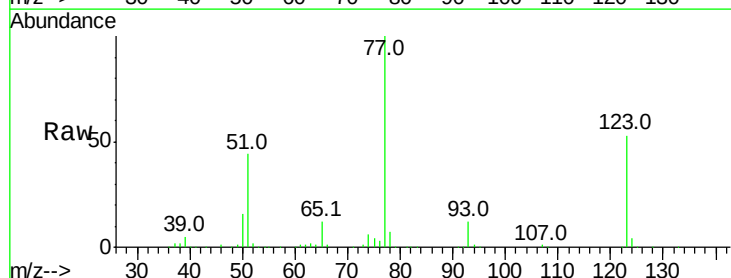


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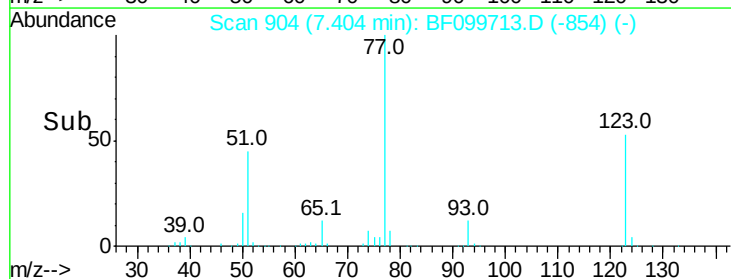
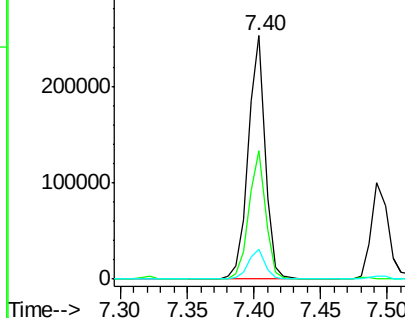


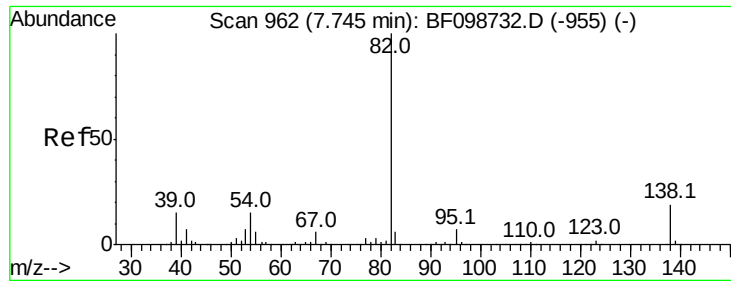
#24
 Nitrobenzene
 Concen: 33.064 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	37.9	56.9
65	12.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.229 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

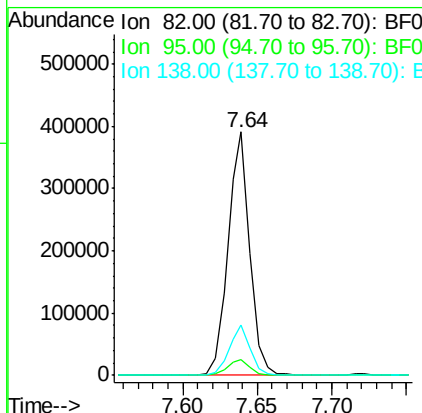
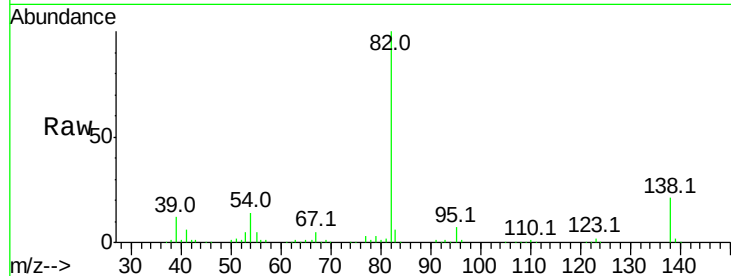
ClientSampleId :

20170718-C-COMP1MSD

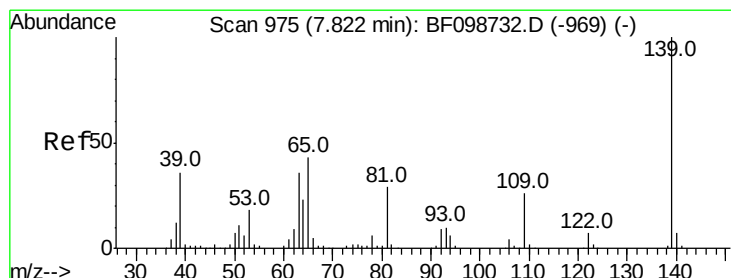
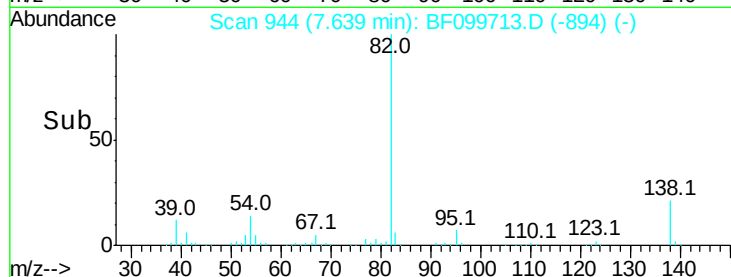
Tot Ion:	82	Resp:	400808
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	20.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.144 ng

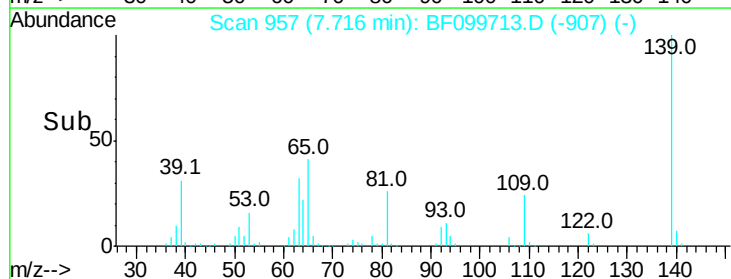
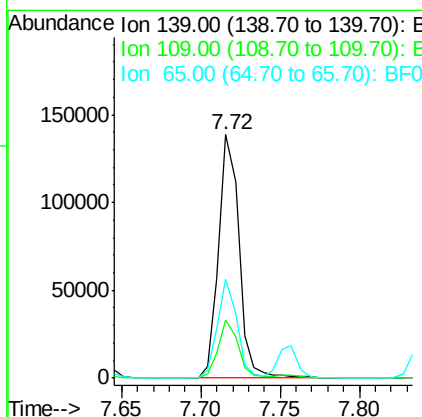
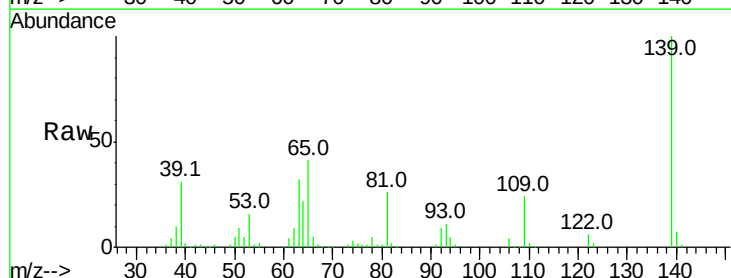
RT: 7.72 min Scan# 957

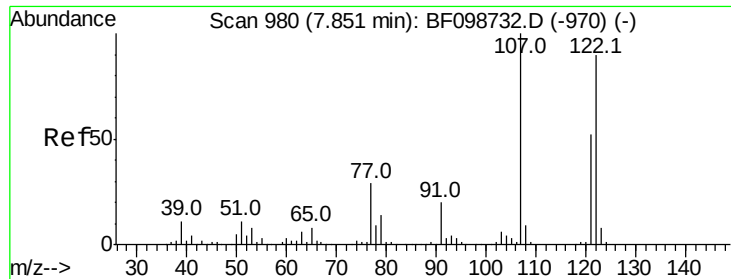
Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion:	139	Resp:	124574
Ion Ratio		Lower	Upper
139	100		
109	23.9	22.7	34.1
65	40.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.448 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

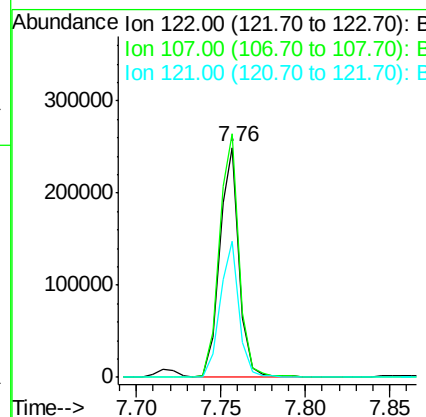
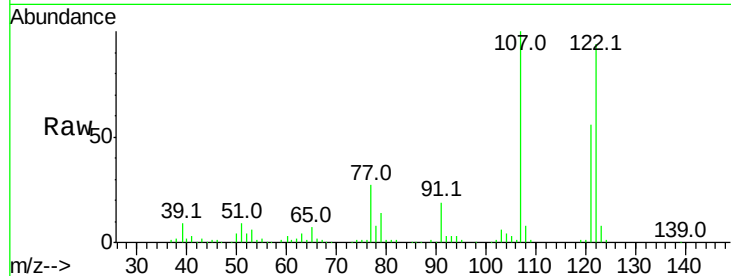
ClientSampleId :

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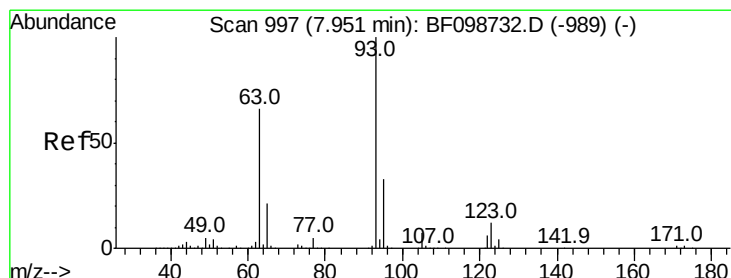
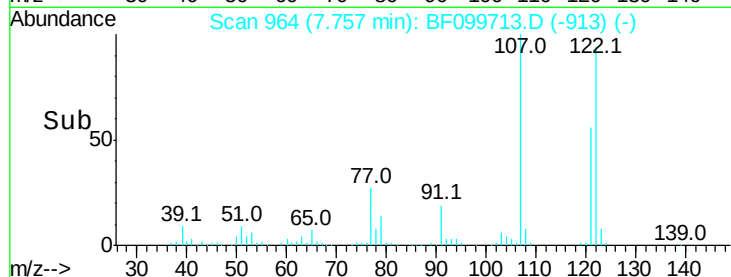
Tot Ion:	122	Resp:	201024
Ion Ratio	Lower	Upper	
122	100		
107	105.8	91.2	136.8
121	59.1	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 35.100 ng

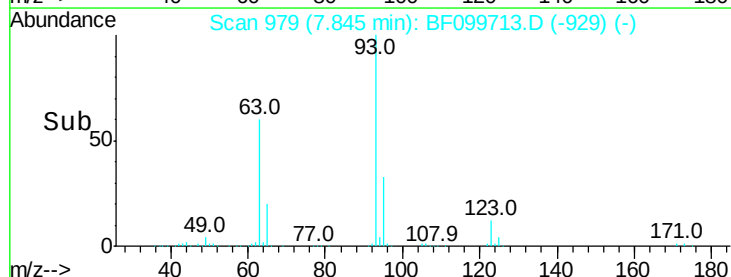
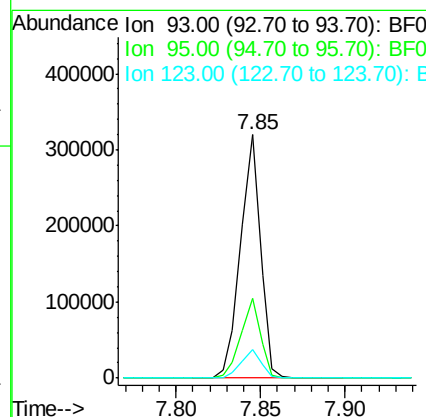
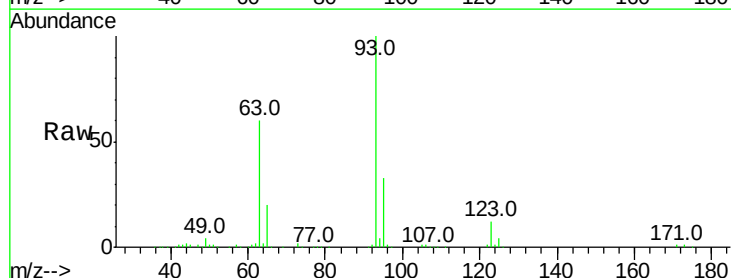
RT: 7.85 min Scan# 979

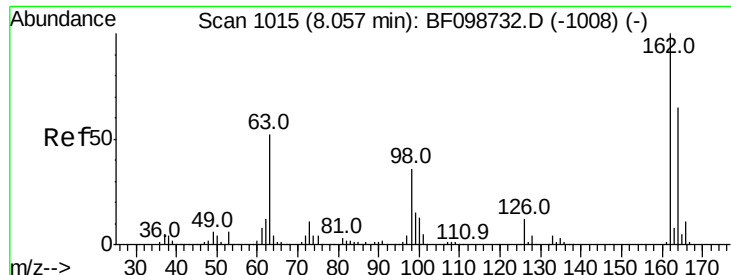
Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion:	93	Resp:	263842
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.6	9.8	14.6





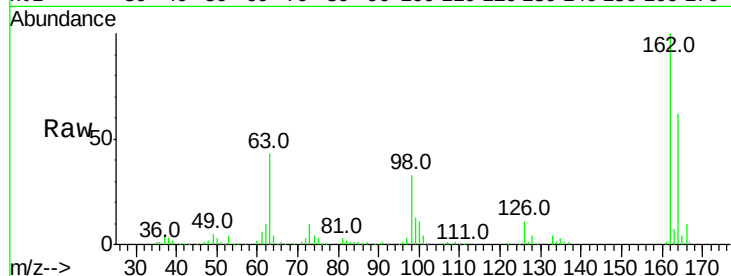
#29
 2,4-Dichlorophenol
 Concen: 37.472 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

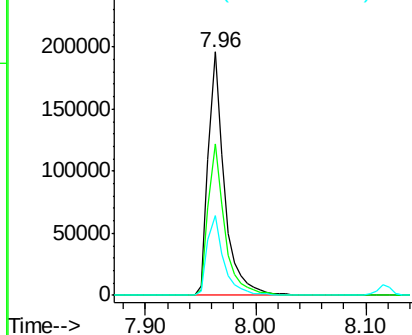
Tot Ion	Ratio	Resp	Lower	Upper
162	100	193359		
164	62.2		42.7	82.7
98	32.5		18.1	58.1

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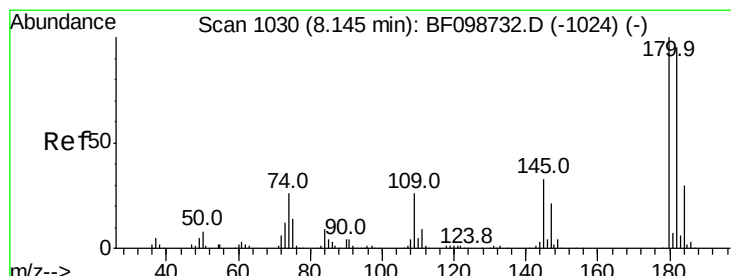
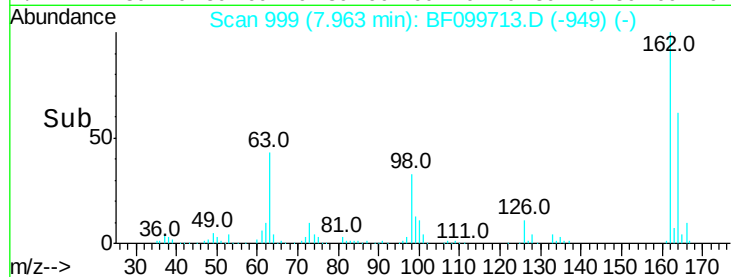
Sohil



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

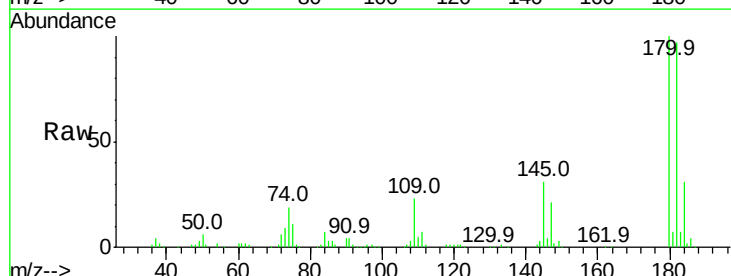


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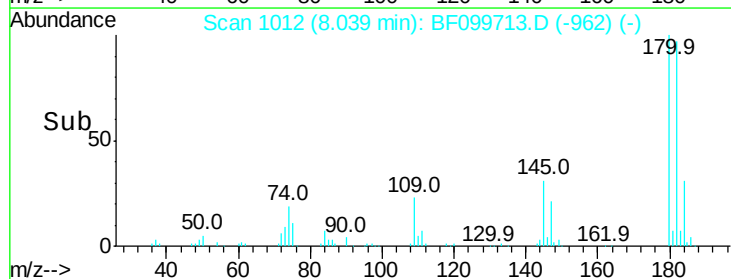
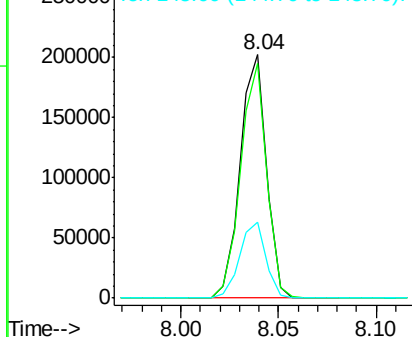


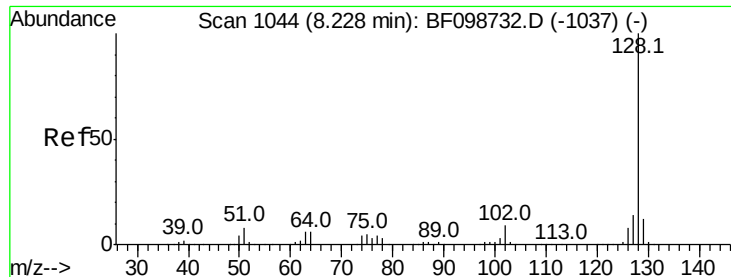
#30
 1,2,4-Trichlorobenzene
 Concen: 36.627 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189027		
182	96.5		76.8	115.2
145	31.4		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





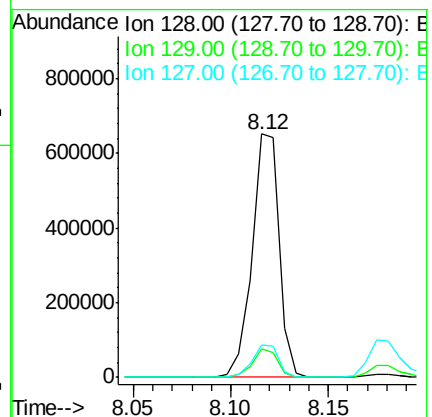
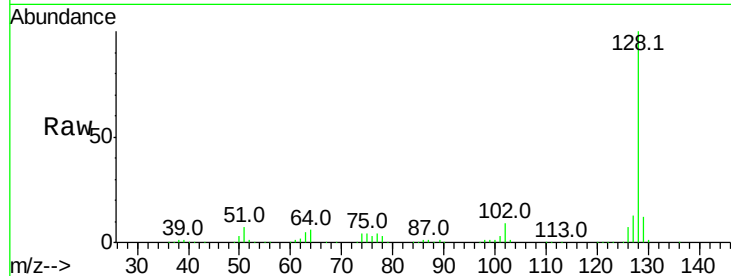
#31
Naphthalene
Concen: 35.614 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

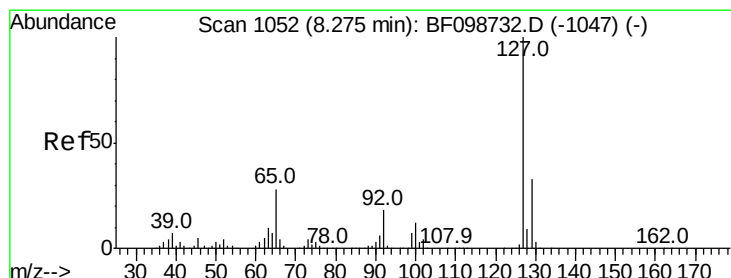
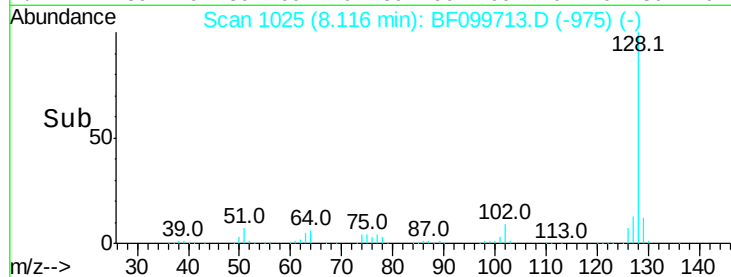
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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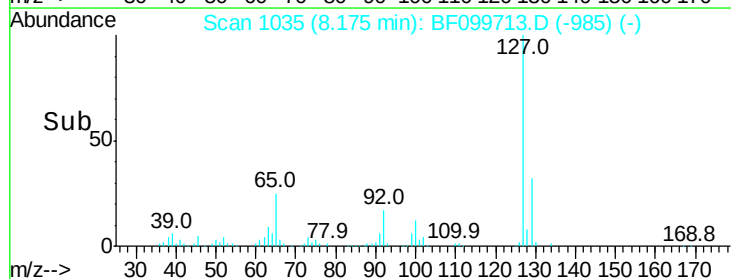
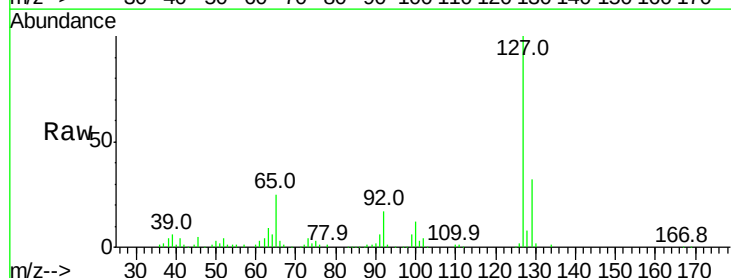
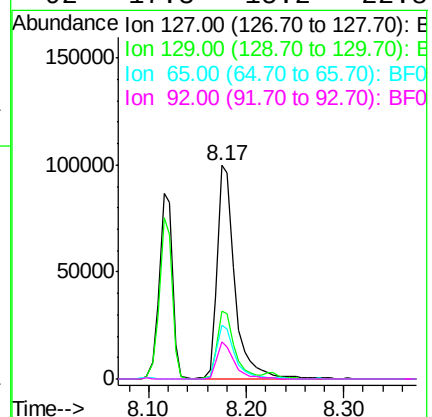


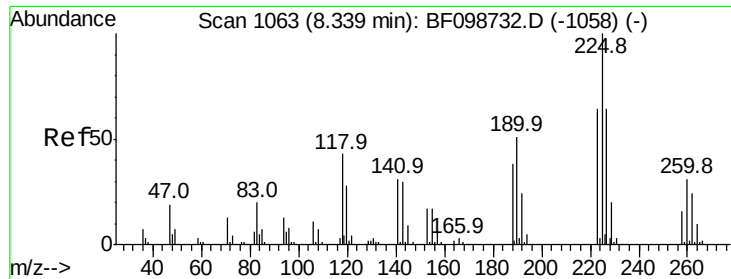
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#33
4-Chloroaniline
Concen: 17.190 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	25.4	25.0	37.4
92	17.3	15.2	22.8





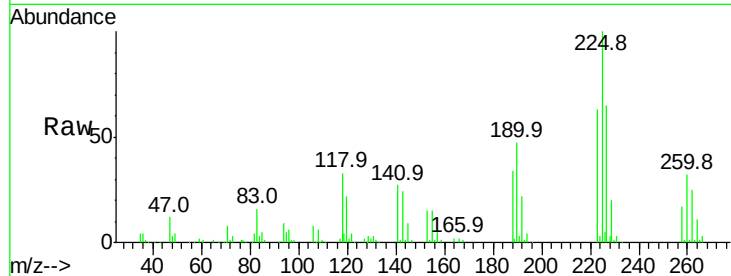
#34
Hexachlorobutadiene
Concen: 34.778 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

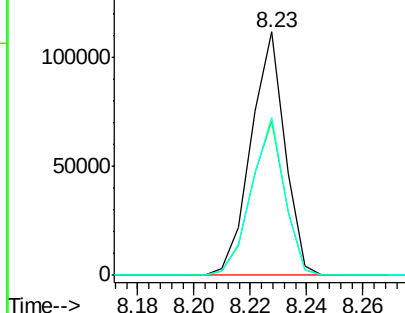
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.7	51.9	77.9

Manual Integrations
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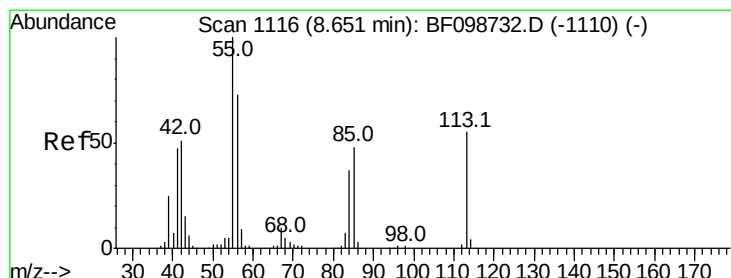
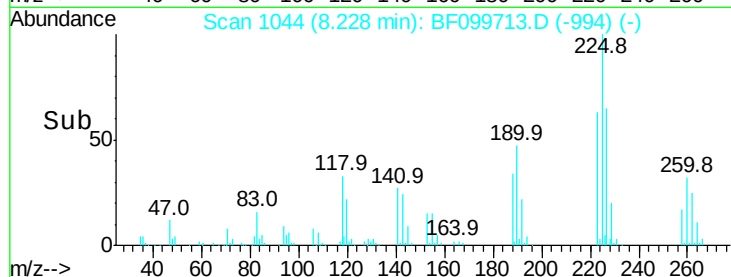
Sohil



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

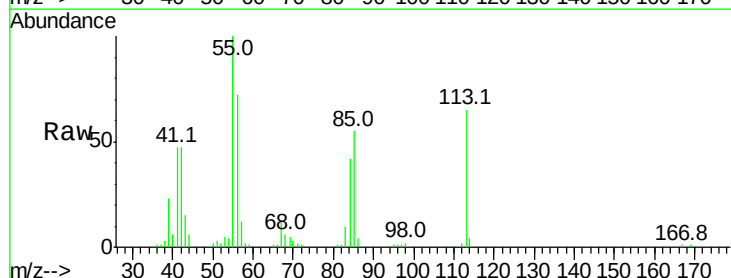


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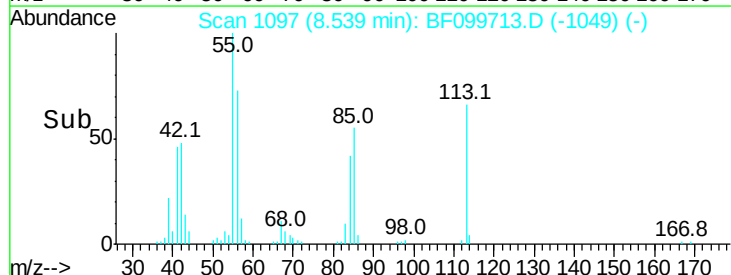
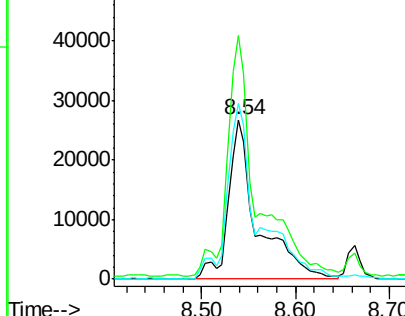


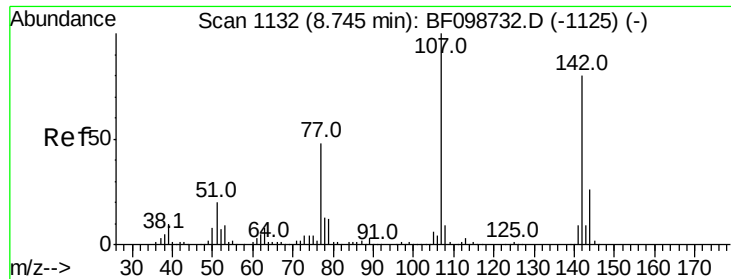
#35
Caprolactam
Concen: 34.898 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
113	100		
55	153.0	163.3	203.3#
56	110.2	115.7	155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





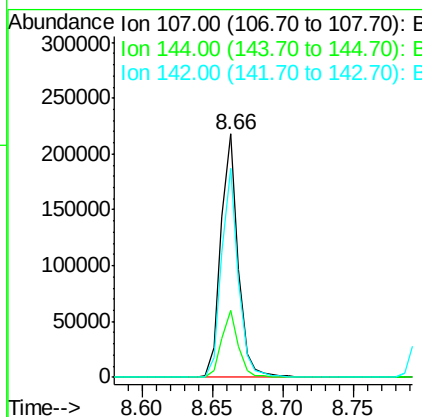
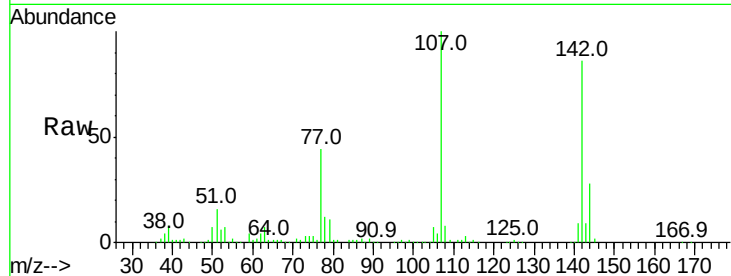
#36
4-Chloro-3-methylphenol
Concen: 32.098 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

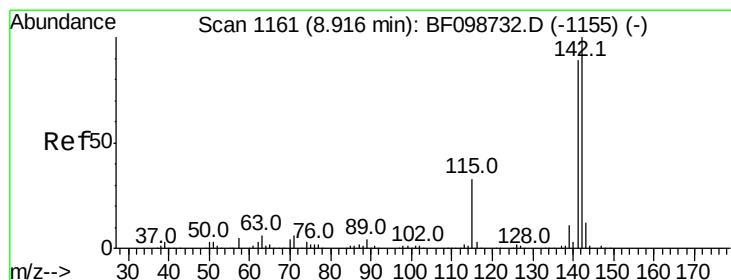
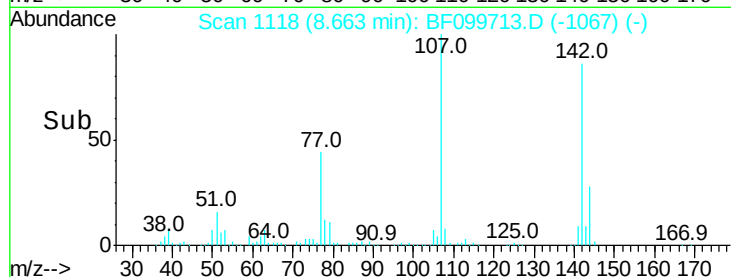
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.6	20.5	30.7	
142	85.7	62.0	93.0	

Manual Integrations
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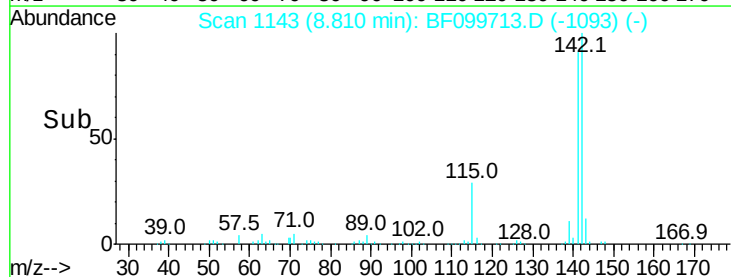
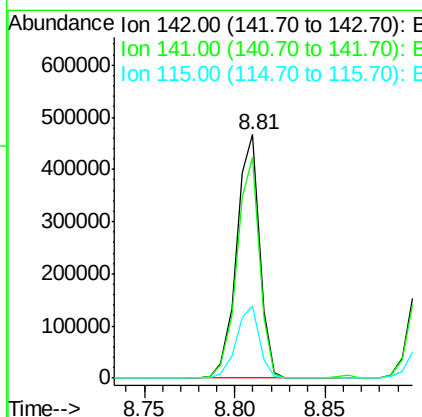
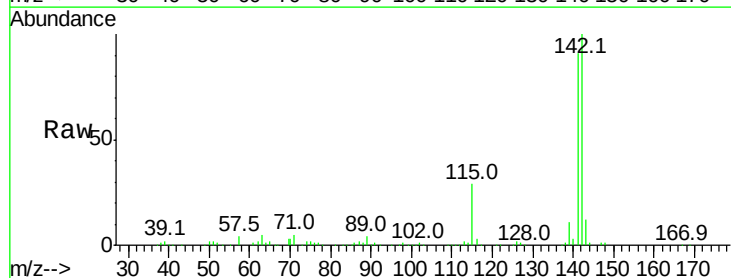


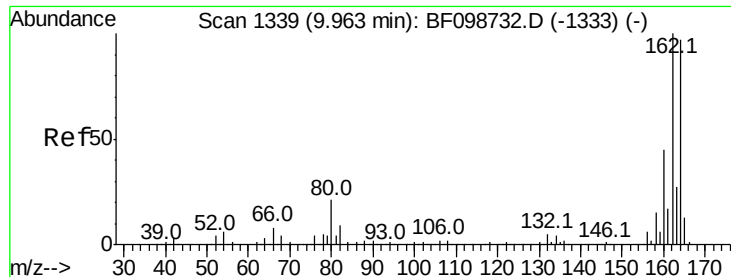
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#37
2-Methylnaphthalene
Concen: 36.099 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.6	70.8	106.2	
115	29.4	26.1	39.1	





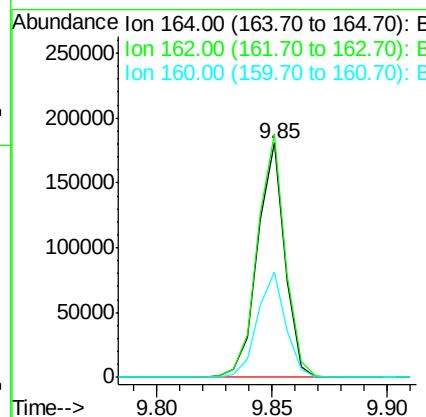
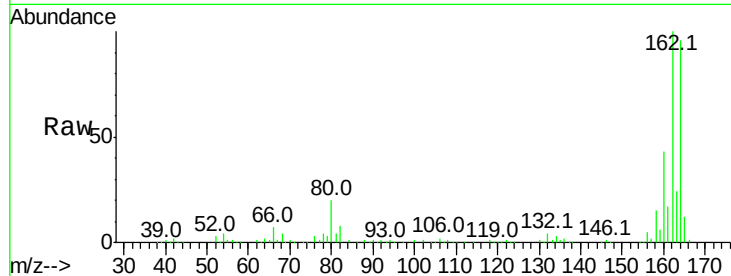
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

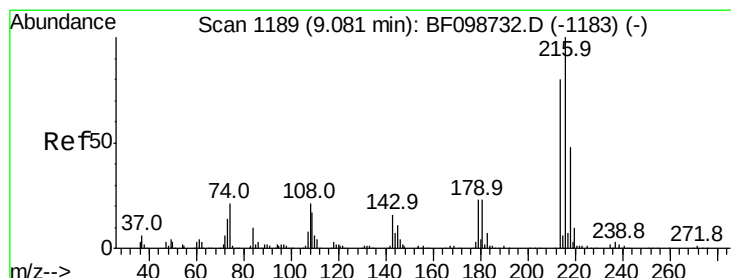
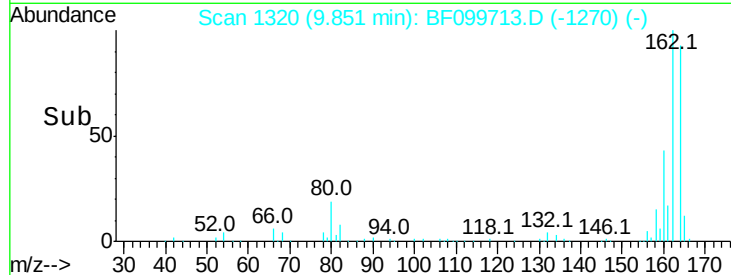
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.7	38.3	57.5

Manual Integrations
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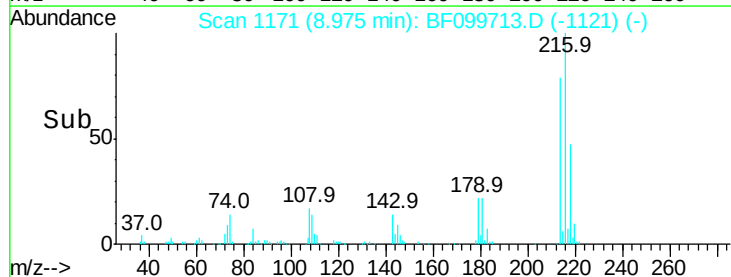
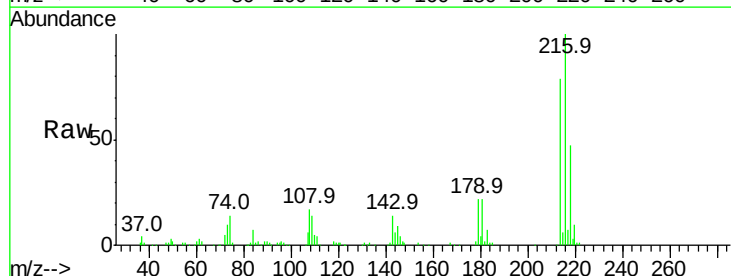
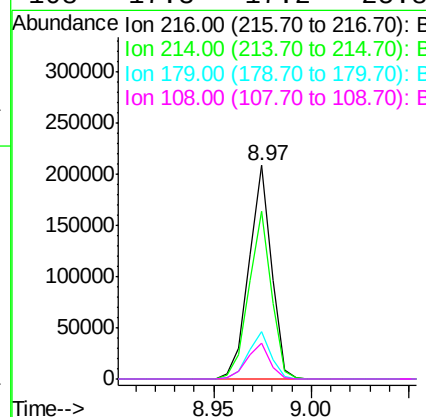


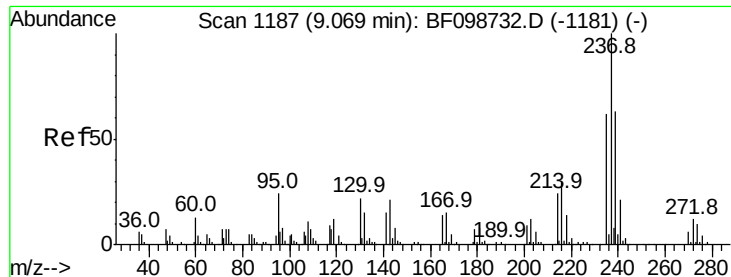
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.455 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.1	18.1	27.1
108	17.3	17.2	25.8





#40

Hexachlorocyclopentadiene

Concen: 4.298 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

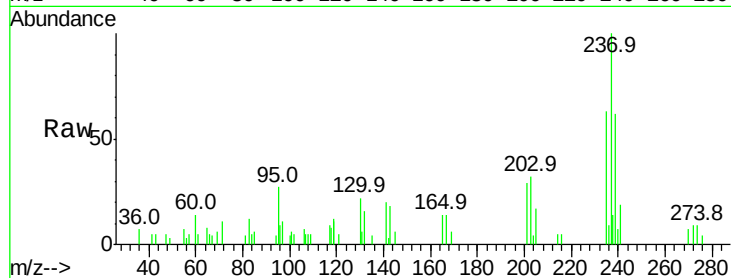
ClientSampleId :

20170718-C-COMP1MSD

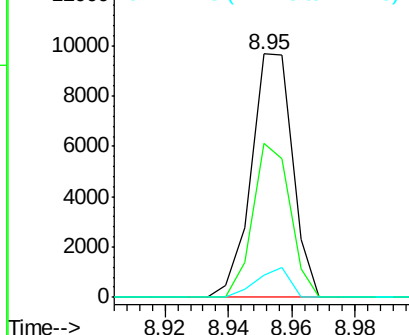
Tot Ion:	237	Resp:	8759
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	9.1	0.0	33.3

Manual Integrations
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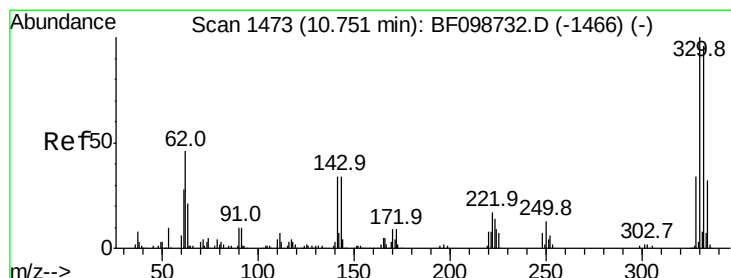
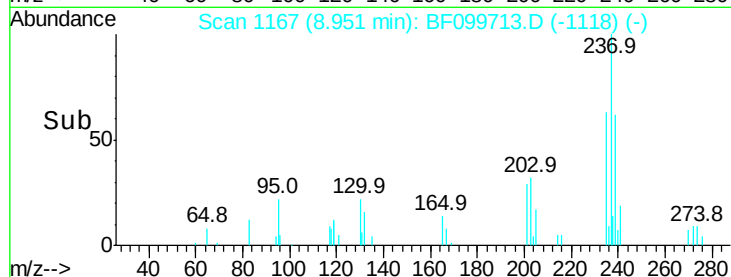
Sohil



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



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#41

2,4,6-Tribromophenol

Concen: 106.954 ng

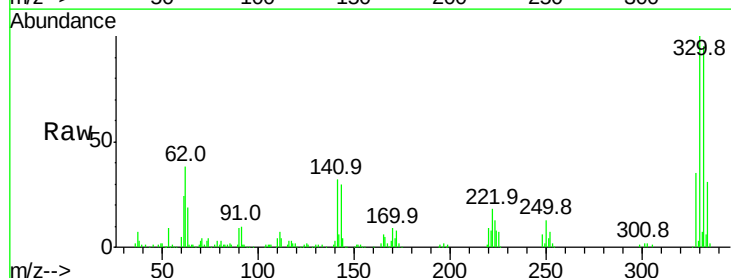
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

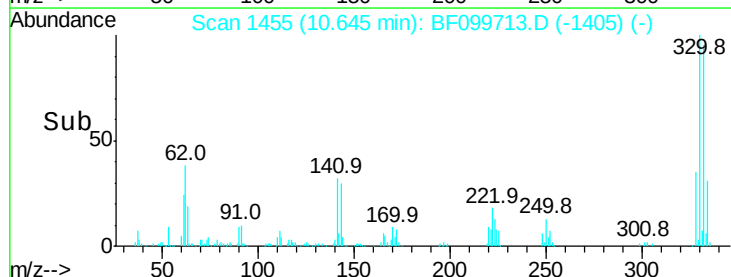
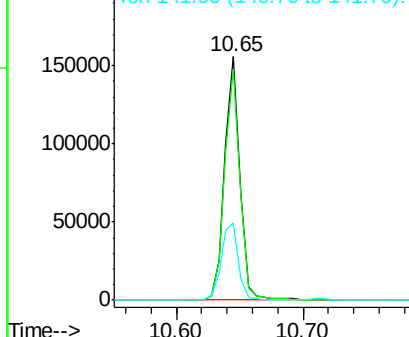
Lab File: BF099713.D

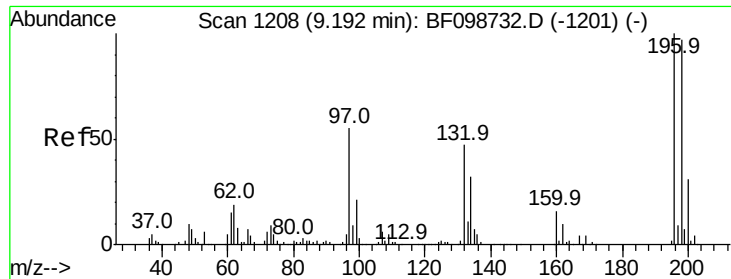
Acq: 20 Oct 2017 20:57

Tgt Ion:	330	Resp:	130858
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.0	115.6
141	36.0	29.9	44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





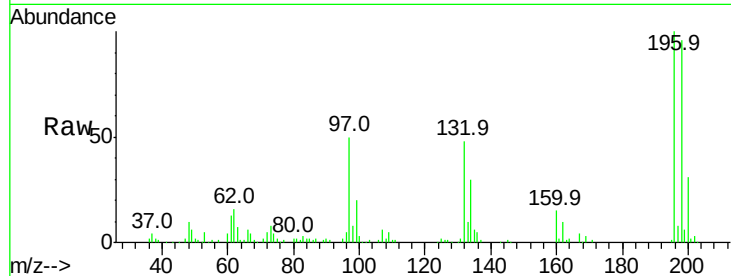
#42
 2,4,6-Trichlorophenol
 Concen: 36.741 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

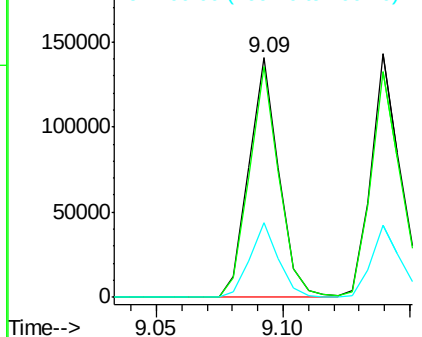
Tot Ion	196	Resp	116065
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.7	113.5
200	31.0	24.5	36.7

Manual Integrations
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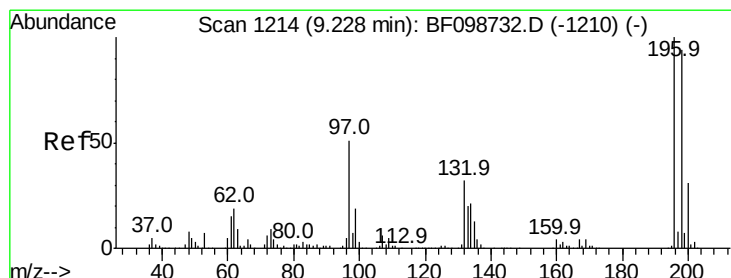
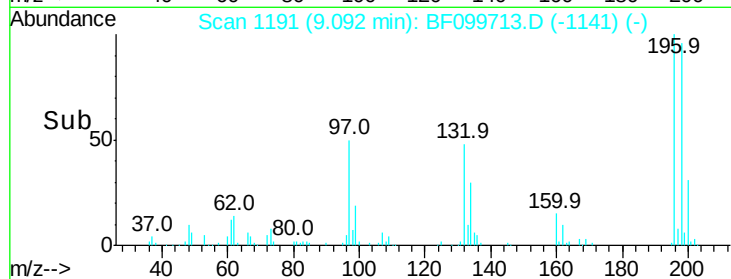
Sohil



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



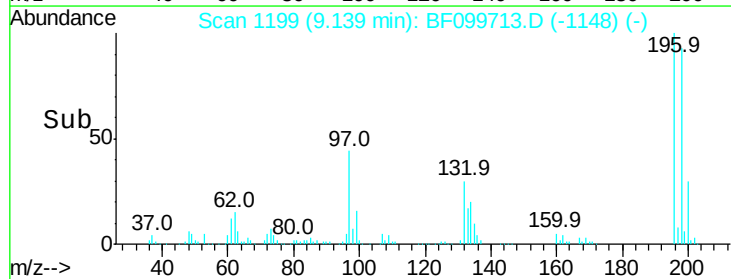
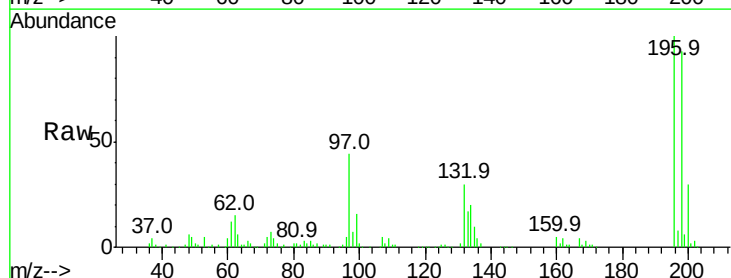
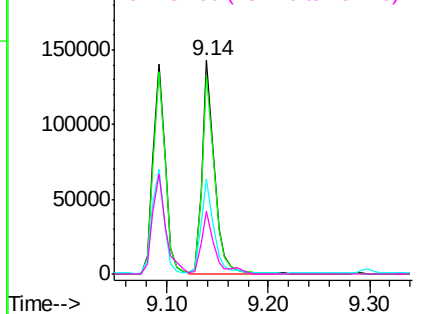
10/23/2017 3:26:56 PM

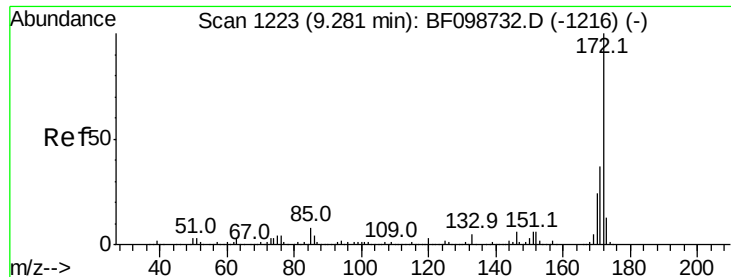


#43
 2,4,5-Trichlorophenol
 Concen: 38.692 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	196	Resp	122015
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.6	112.0
97	44.5	42.9	64.3
132	29.6	26.3	39.5

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





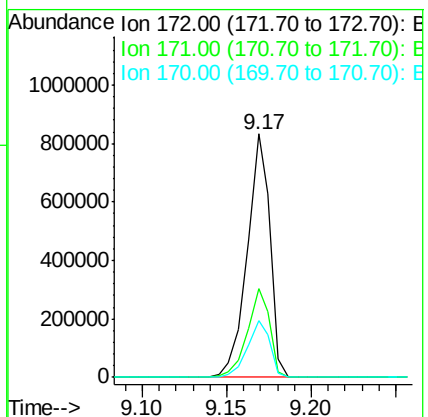
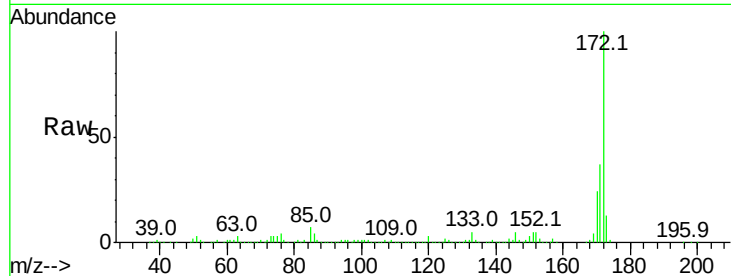
#44
2-Fluorobiphenyl
Concen: 87.429 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

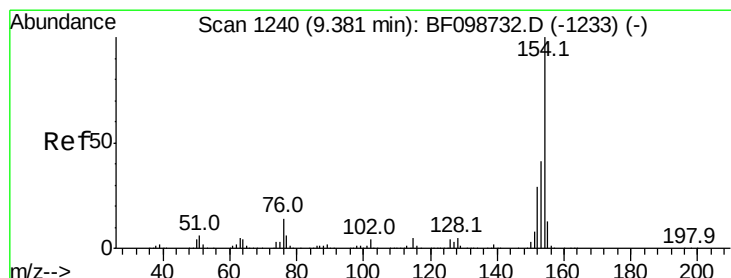
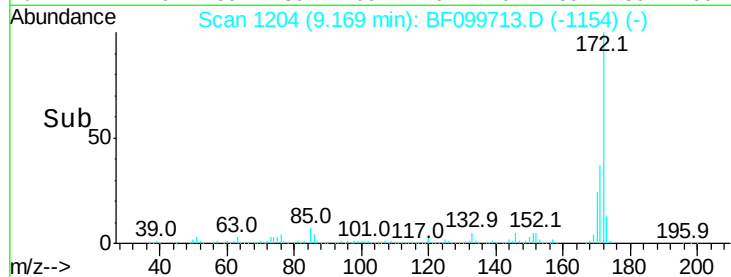
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.5	19.6	29.4

Manual Integrations
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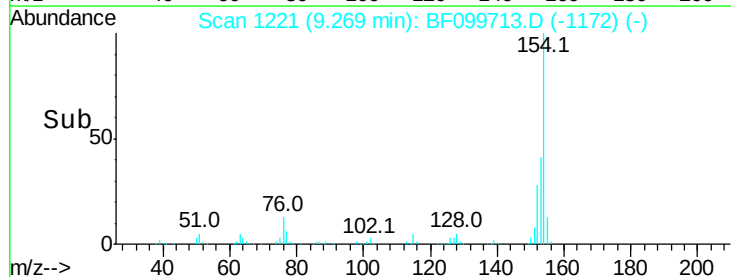
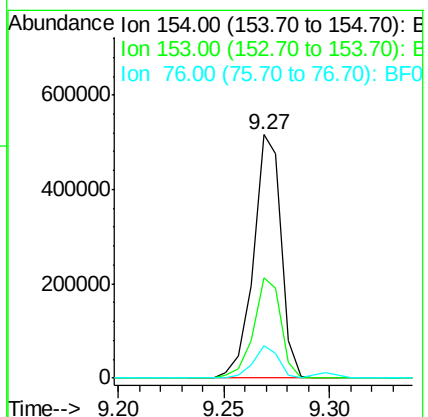
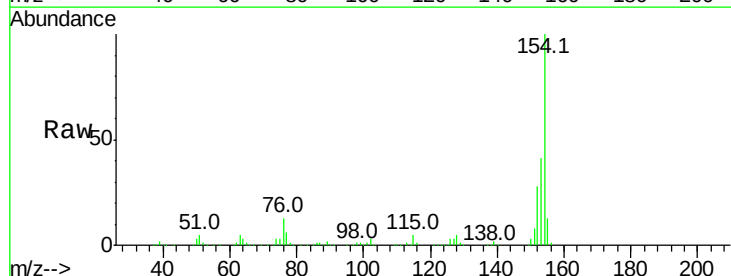


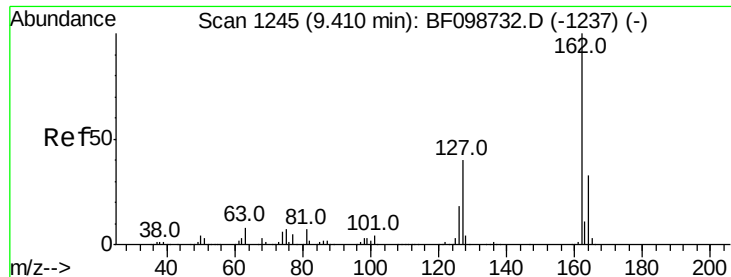
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#45
1,1'-Biphenyl
Concen: 36.527 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.3	0.0	34.0





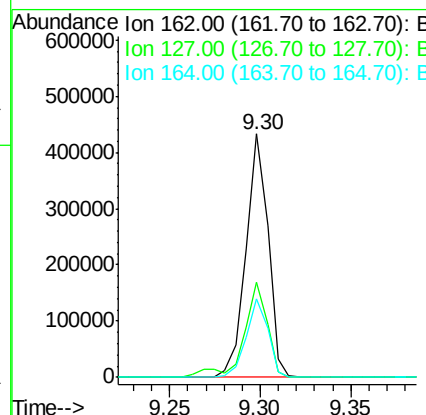
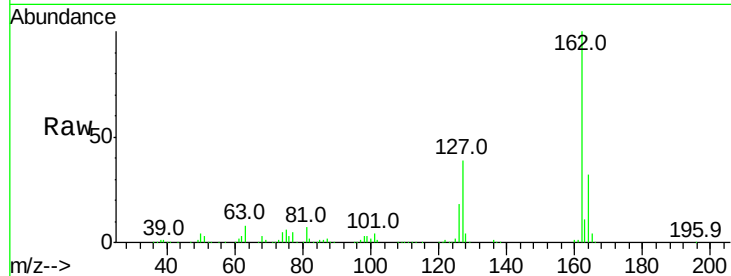
#46
2-Chloronaphthalene
Concen: 37.932 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

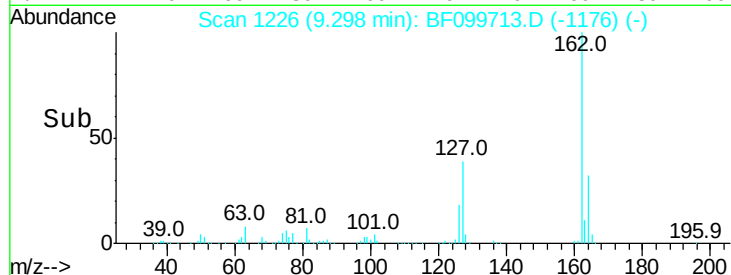
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	33.9	50.9	
164	32.4	26.5	39.7	

Manual Integrations
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Sohil

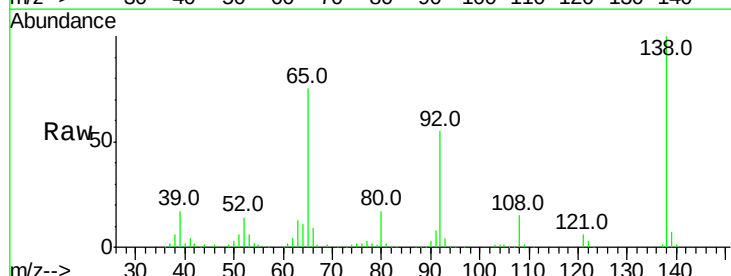
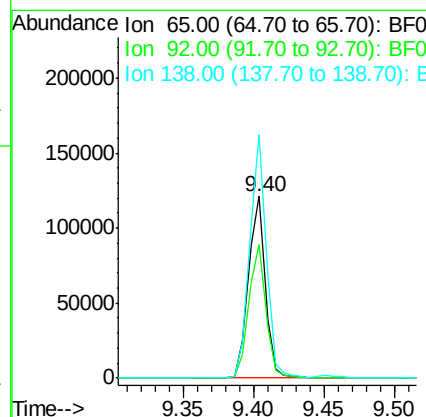
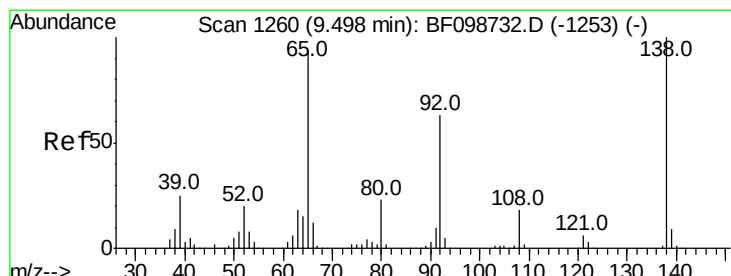


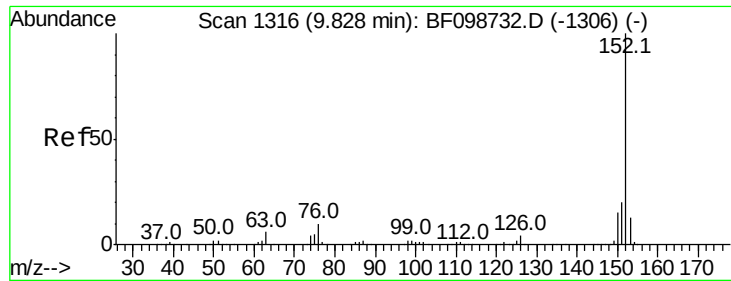
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#47
2-Nitroaniline
Concen: 34.317 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.7	55.8	83.6	
138	134.0	91.2	136.8	





#48

Acenaphthylene

Concen: 35.419 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

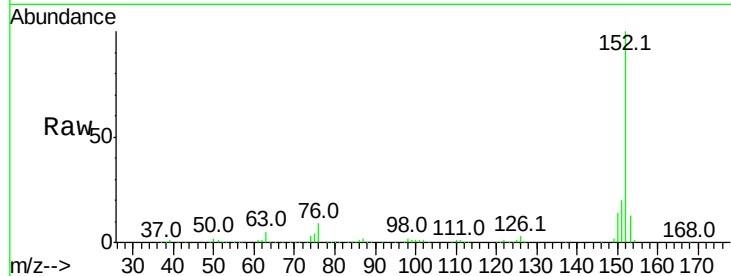
ClientSampleId :

20170718-C-COMP1MSD

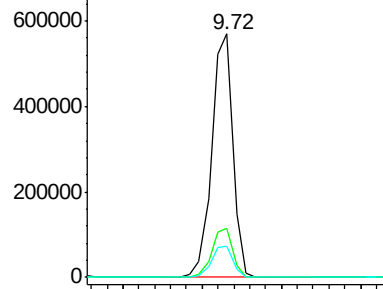
Tot Ion:	152	Resp:	523147
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	12.7	10.7	16.1

Manual Integrations
APPROVED

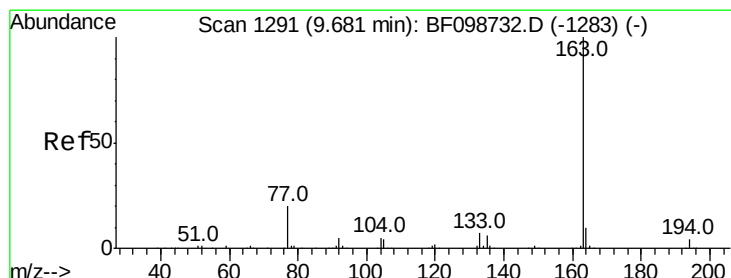
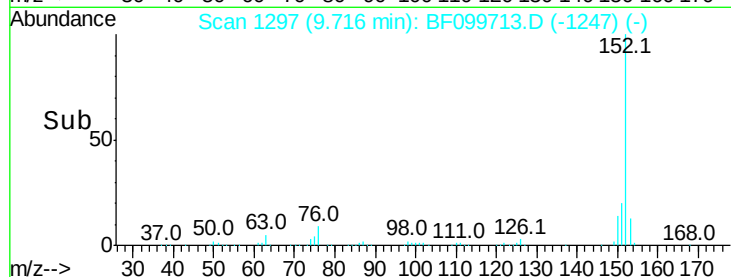
Sohil



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



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#49

Dimethylphthalate

Concen: 42.864 ng

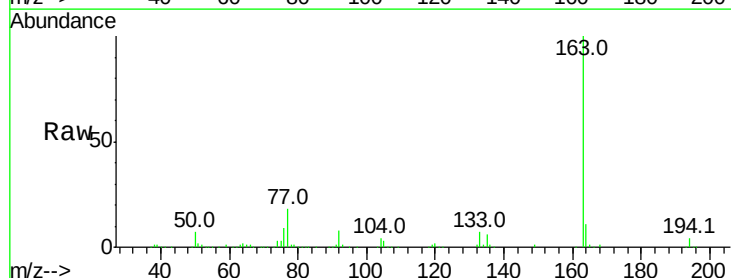
RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

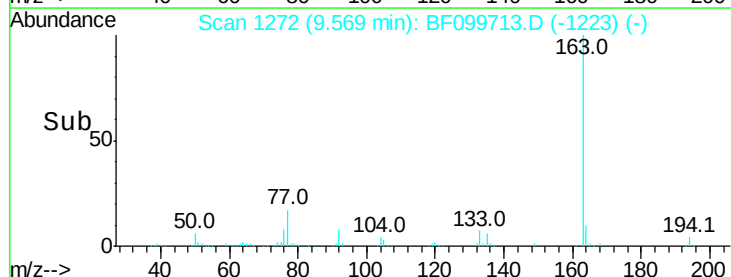
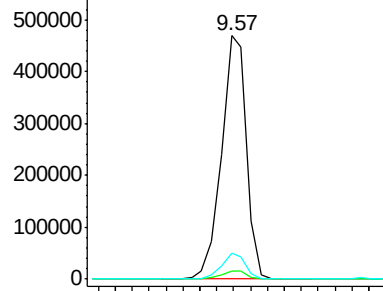
Lab File: BF099713.D

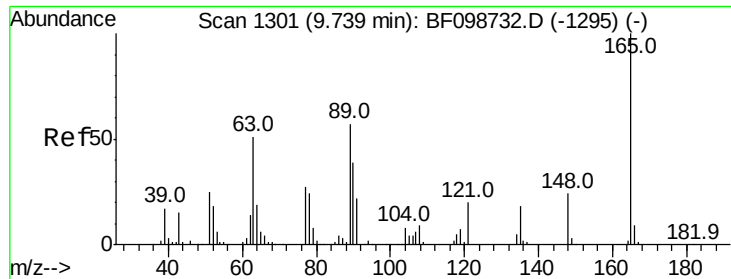
Acq: 20 Oct 2017 20:57

Tgt Ion:	163	Resp:	483723
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.8	8.2	12.2



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





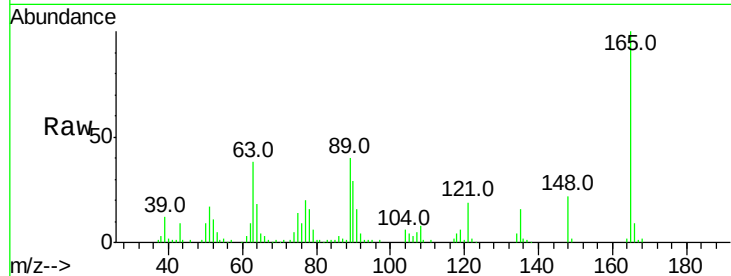
#50
2,6-Dinitrotoluene
Concen: 36.770 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	44.7	67.1#
89	39.9	44.0	66.0#

Manual Integrations
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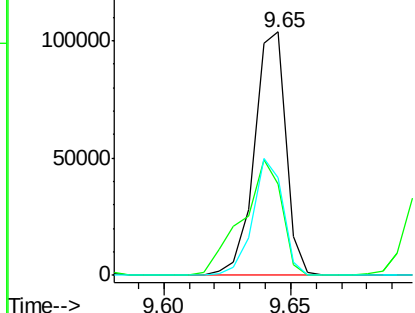
Sohil



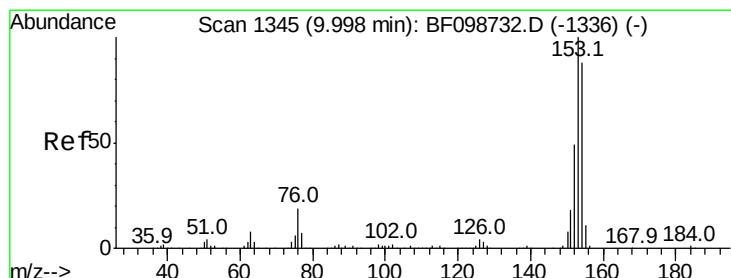
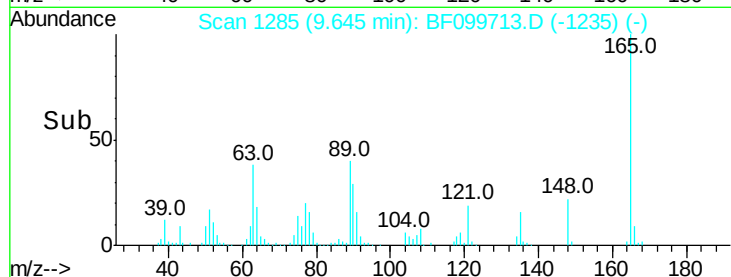
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



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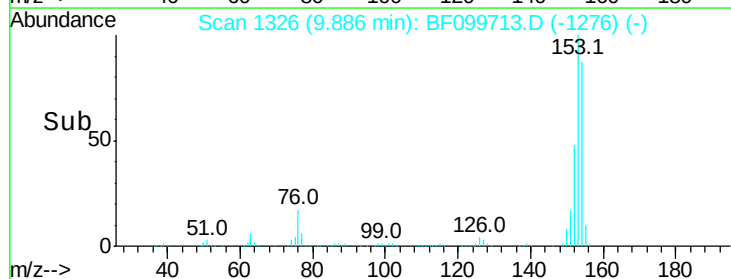
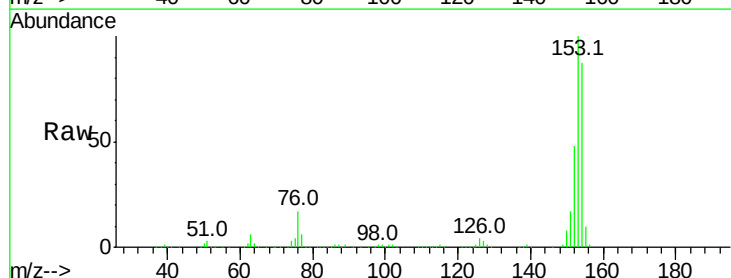
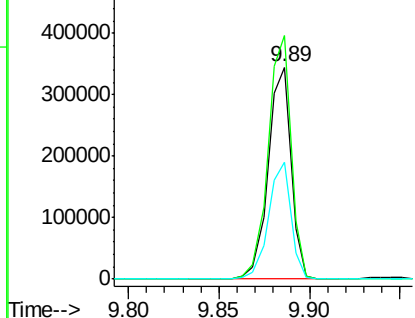
#51
Acenaphthene
Concen: 32.503 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

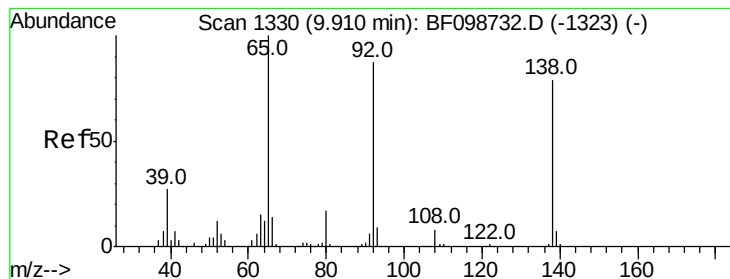
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	55.0	43.8	65.8

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 26.738 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

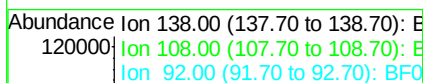
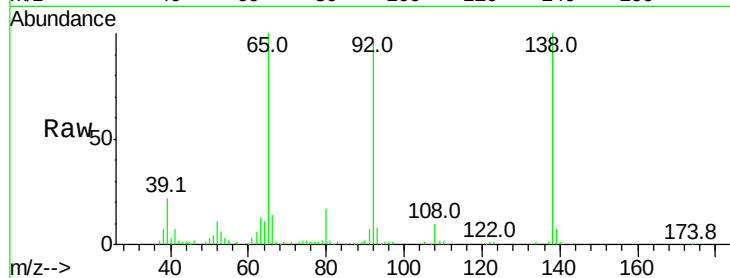
ClientSampleId :

20170718-C-COMP1MSD

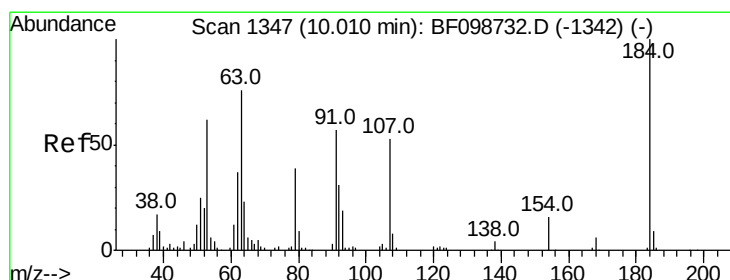
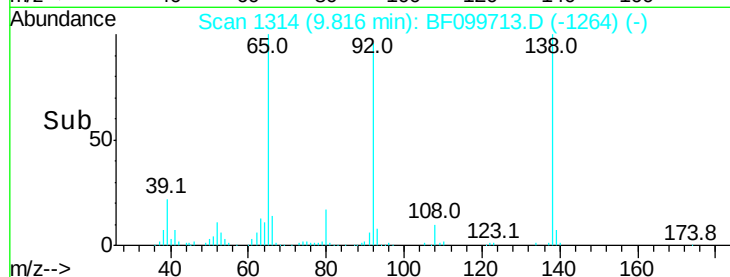
Tot Ion:	138	Resp:	76597
Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	95.5	89.4	134.2

Manual Integrations
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Sohil



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#53

2,4-Dinitrophenol

Concen: 11.212 ng

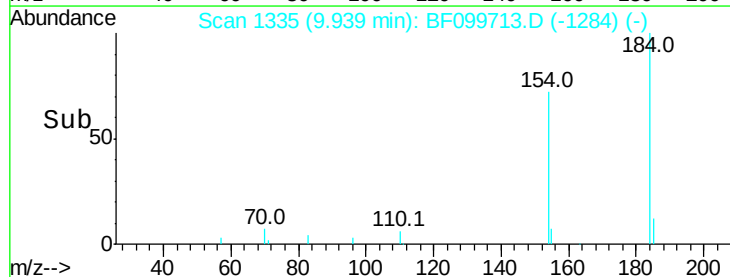
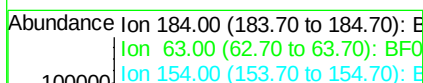
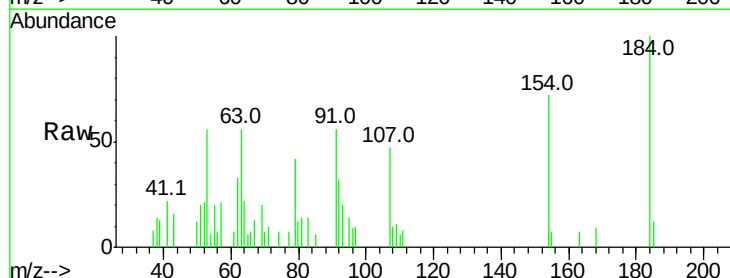
RT: 9.94 min Scan# 1335

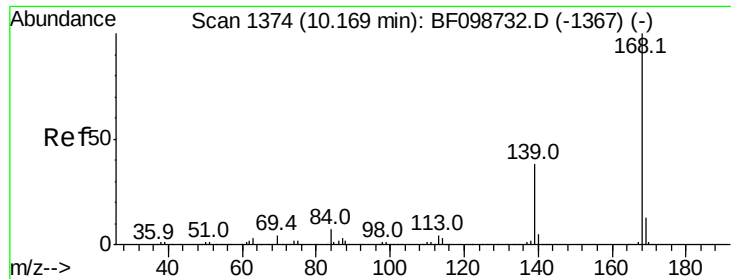
Delta R.T. -0.00 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion:	184	Resp:	7428
Ion	Ratio	Lower	Upper
184	100		
63	56.0	54.2	81.2
154	72.0	53.5	80.3





#54

Dibenzofuran

Concen: 35.750 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MSD

Tot Ion:168 Resp: 445345

Ion Ratio Lower Upper

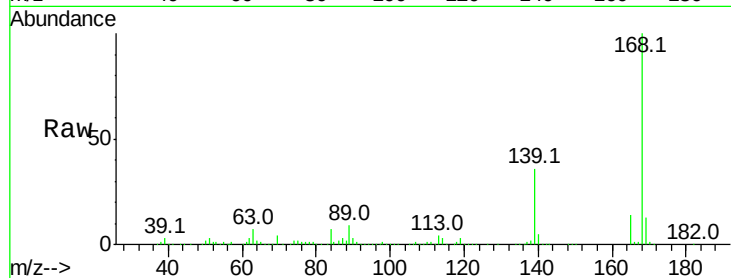
168 100

139 35.7 30.1 45.1

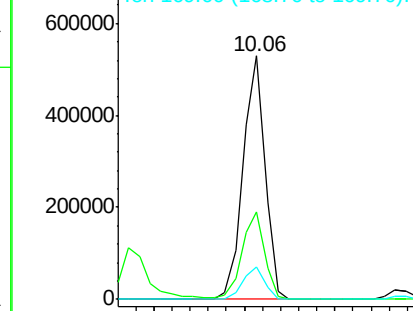
169 13.3 10.9 16.3

Manual Integrations
APPROVED

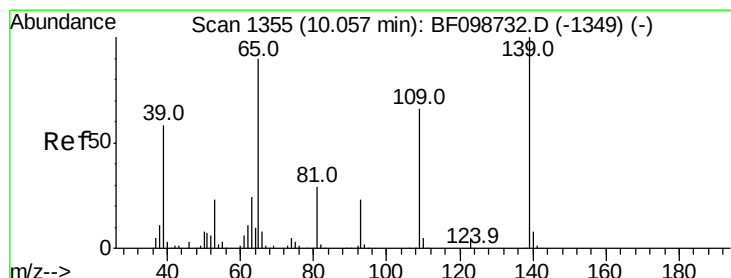
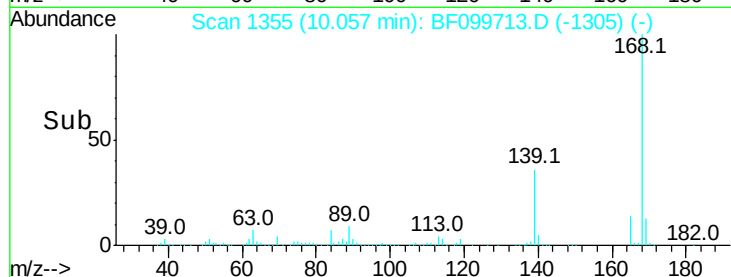
Sohil



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 48.073 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

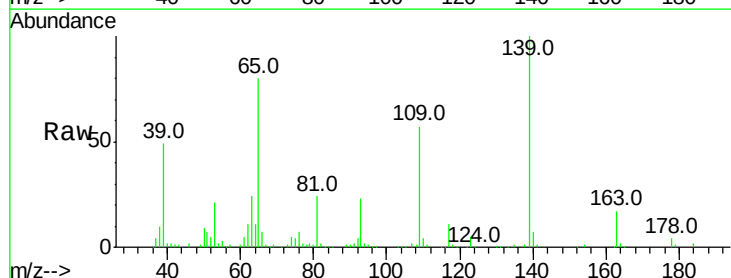
Tgt Ion:139 Resp: 116446

Ion Ratio Lower Upper

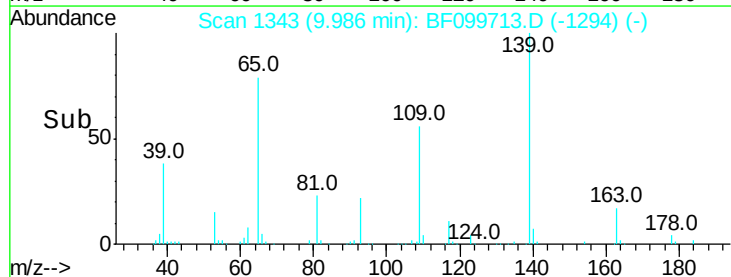
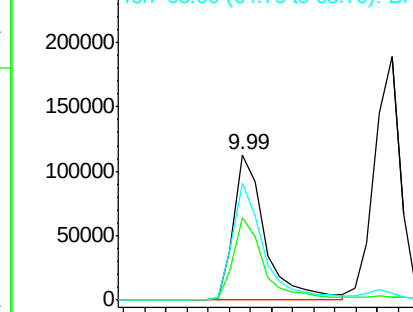
139 100

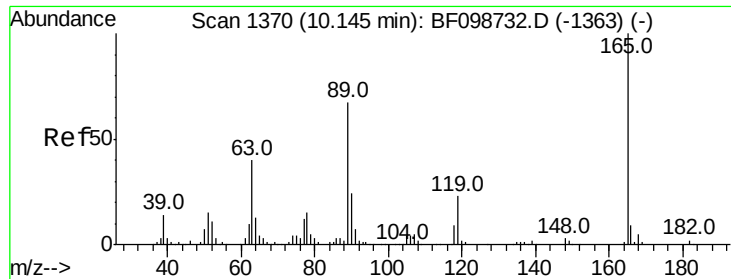
109 56.8 48.4 88.4

65 80.4 72.6 112.6



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): BF0





#56
2,4-Dinitrotoluene
Concen: 33.548 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

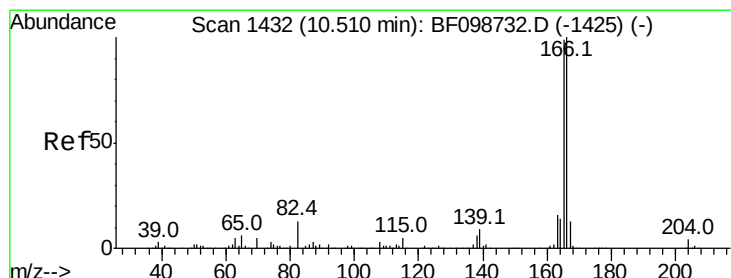
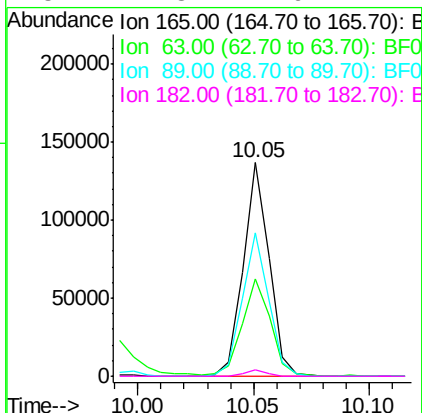
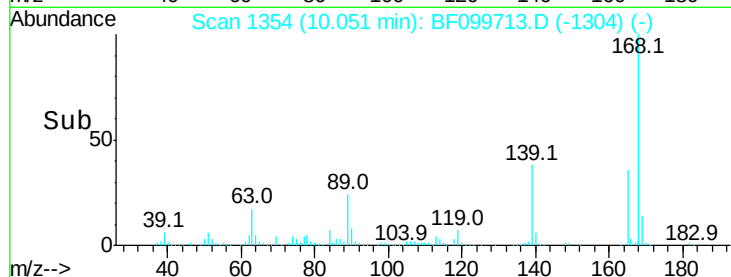
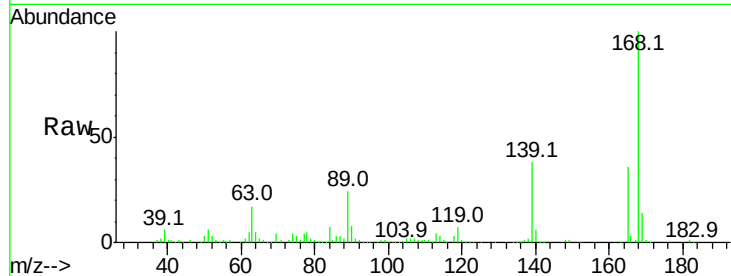
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.8	36.4	54.6	
89	67.1	57.8	86.6	
182	2.8	1.6	2.4	

Manual Integrations
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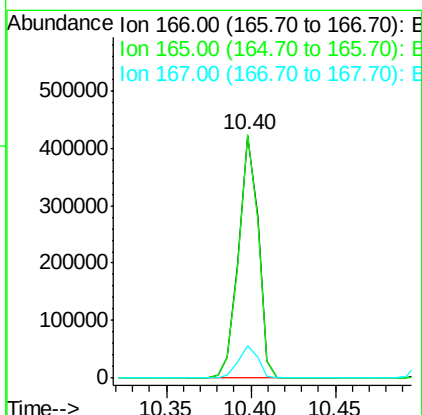
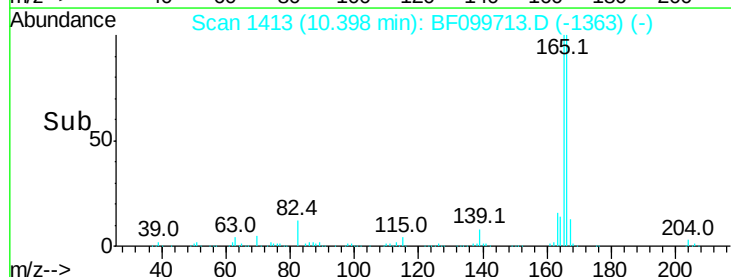
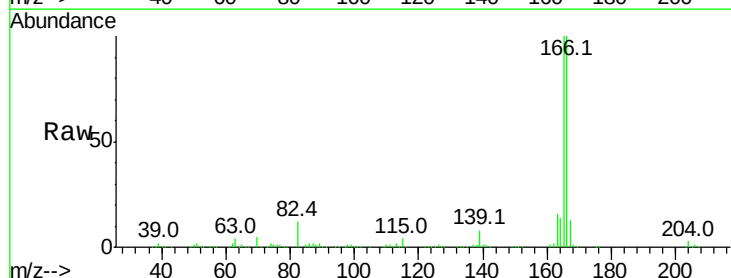
Sohil

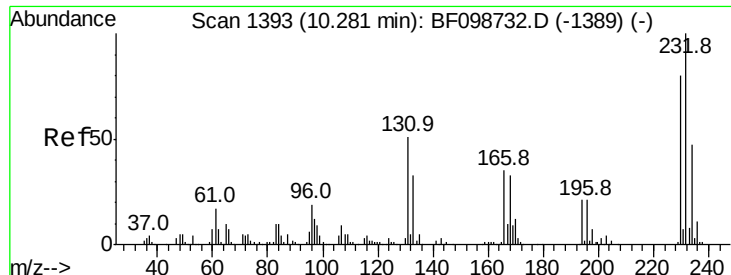
10/23/2017 3:26:56 PM



#57
Fluorene
Concen: 34.283 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	79.8	119.8	
167	13.4	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.738 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

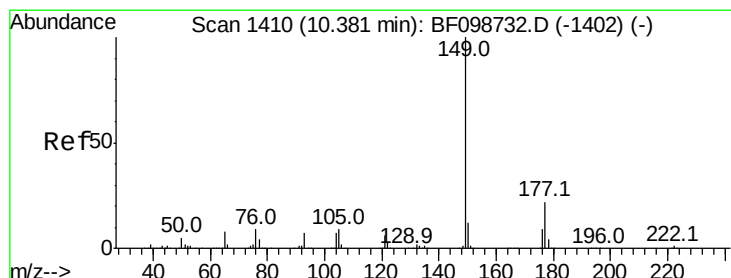
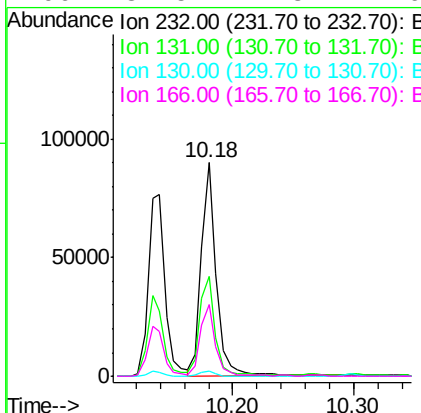
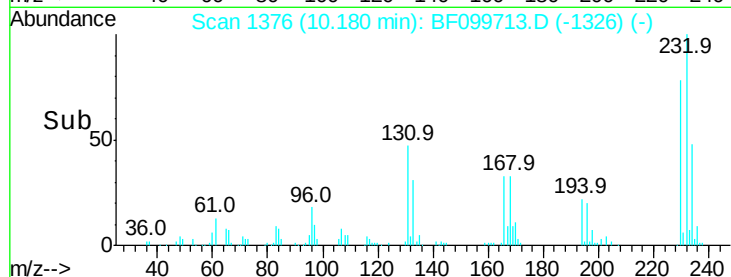
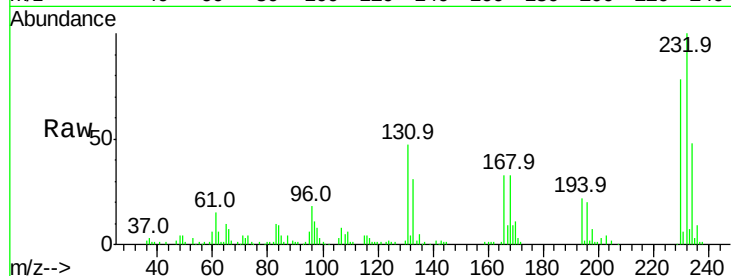
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.3	43.8	65.8
130	2.3	2.1	3.1
166	34.5	27.8	41.6

Manual Integrations
 APPROVED

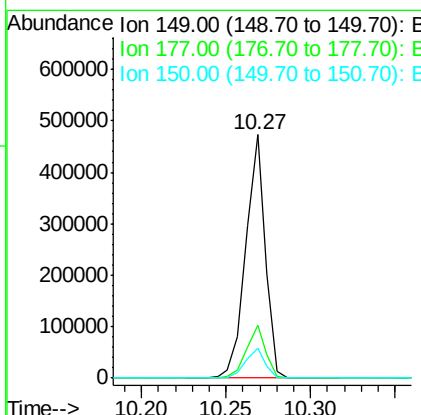
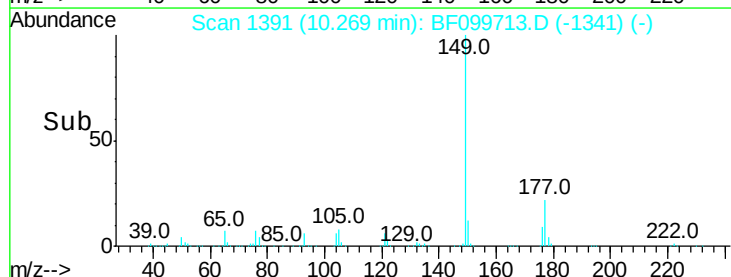
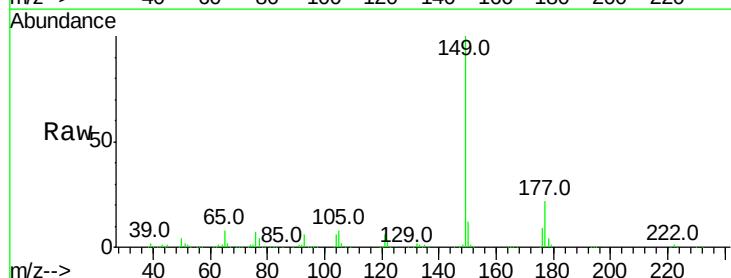
Sohil

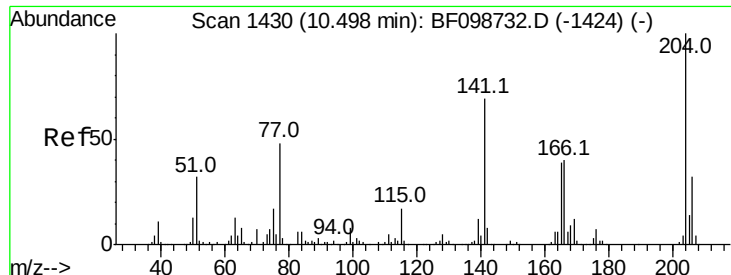
10/23/2017 3:26:56 PM



#59
 Diethylphthalate
 Concen: 34.838 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1





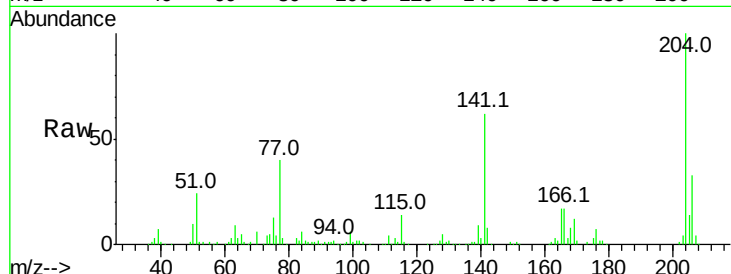
#60
4-Chlorophenyl-phenylether
Concen: 36.202 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

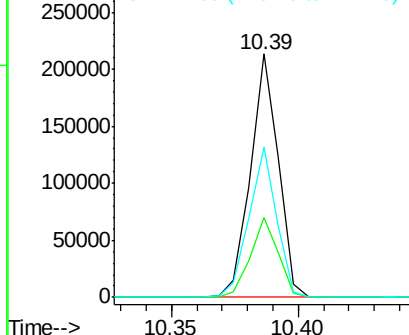
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	61.6	54.6	81.8

Manual Integrations
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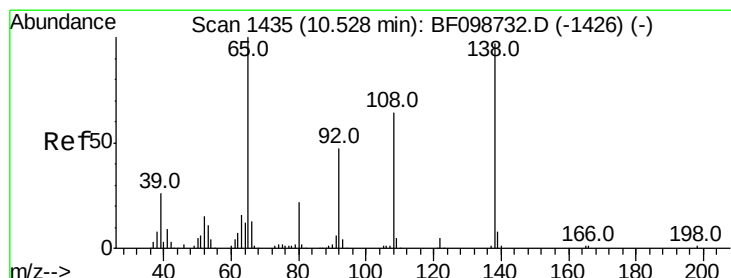
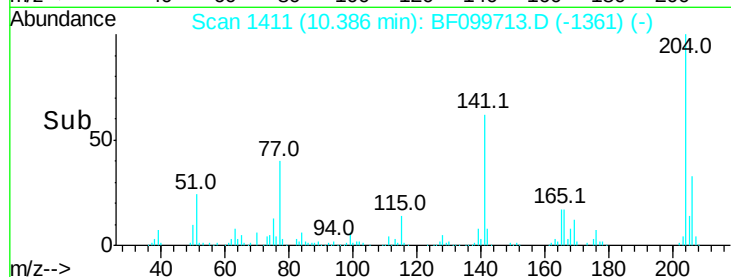
Sohil



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

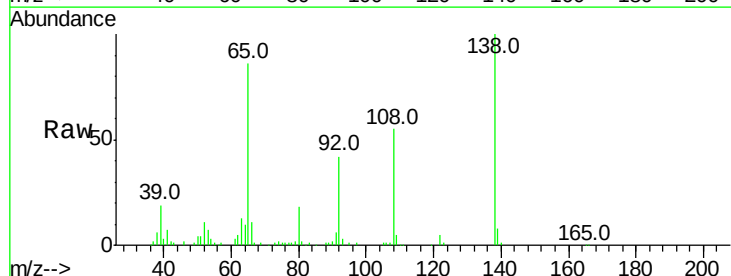


10/23/2017 3:26:56 PM

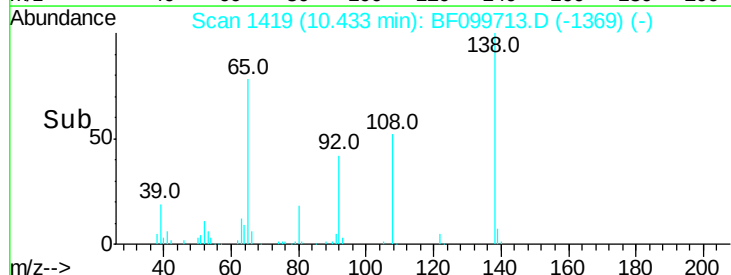
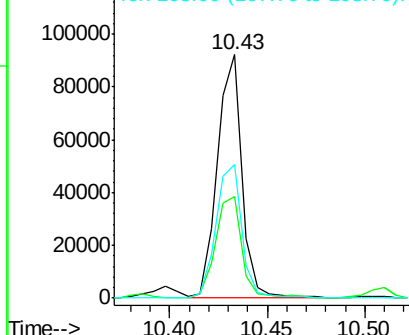


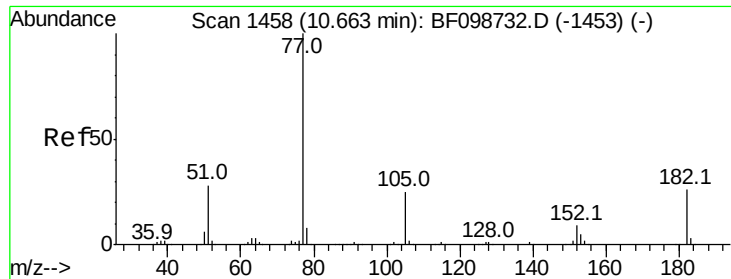
#61
4-Nitroaniline
Concen: 29.248 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.9	30.2	70.2
108	54.6	52.5	92.5



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





#62

Azobenzene

Concen: 41.734 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

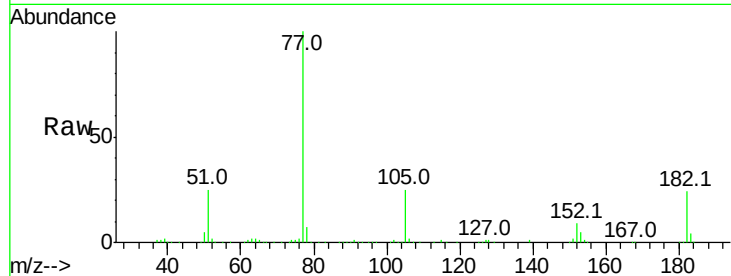
ClientSampleId :

20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	25.2	3.0	43.0
51	24.5	9.9	49.9

Manual Integrations
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Sohil

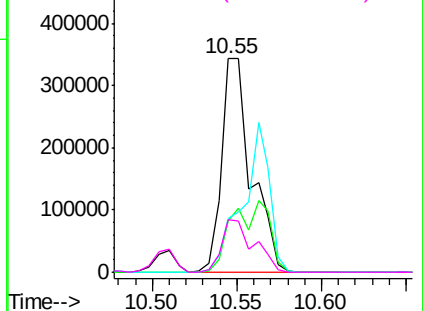


Abundance Ion 77.00 (76.70 to 77.70): BF099713.D (-1438) (-)

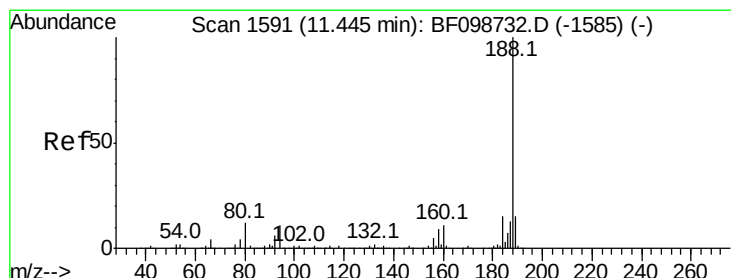
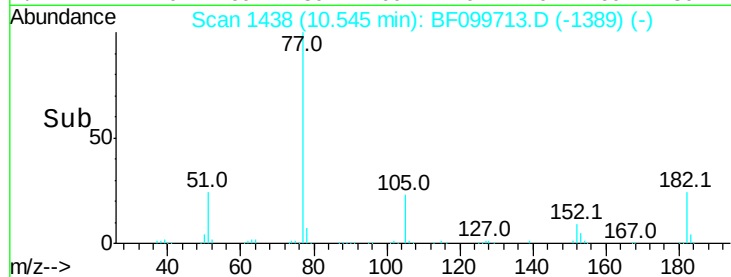
Ion 182.00 (181.70 to 182.70): BF099713.D (-1438) (-)

Ion 105.00 (104.70 to 105.70): BF099713.D (-1438) (-)

Ion 51.00 (50.70 to 51.70): BF099713.D (-1438) (-)



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#63

Phenanthrene-d10

Concen: 20.000 ng

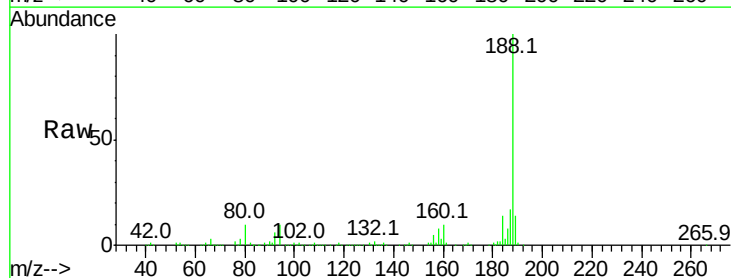
RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

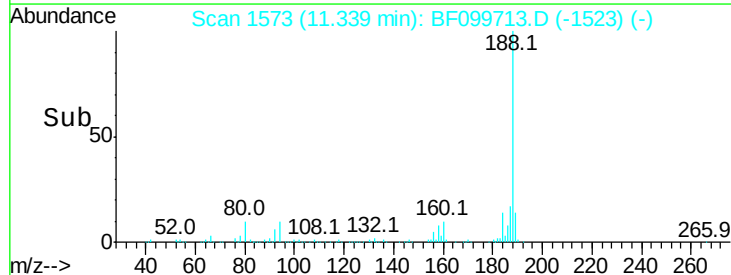
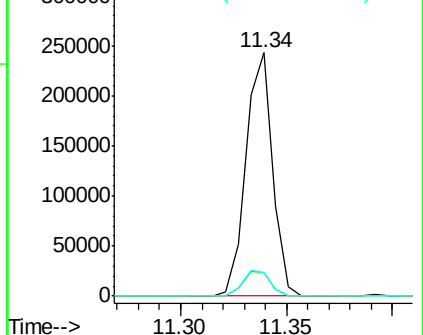
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.8	9.2	13.8

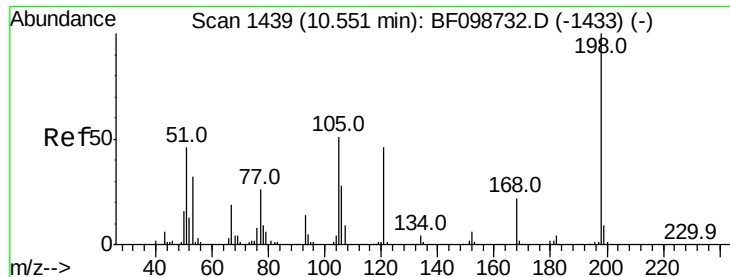


Abundance Ion 188.00 (187.70 to 188.70): BF099713.D (-1523) (-)

Ion 94.00 (93.70 to 94.70): BF099713.D (-1523) (-)

Ion 80.00 (79.70 to 80.70): BF099713.D (-1523) (-)





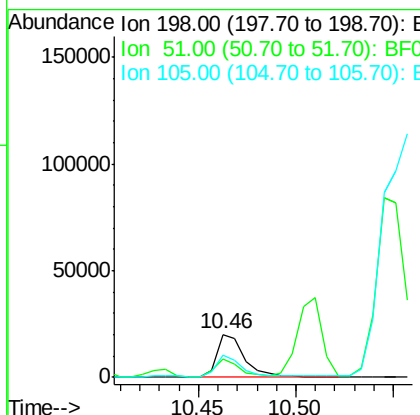
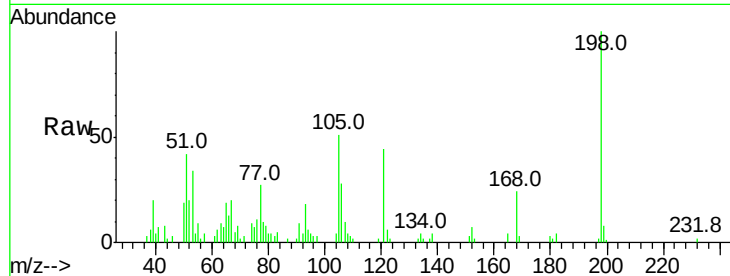
#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.408 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

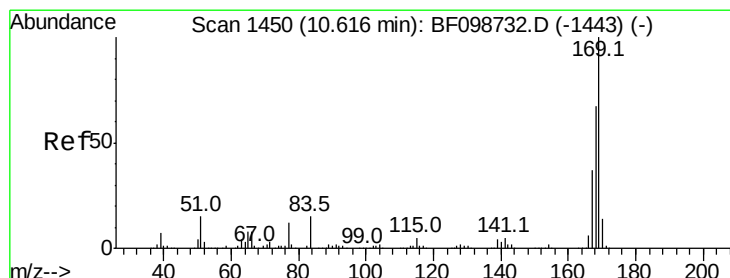
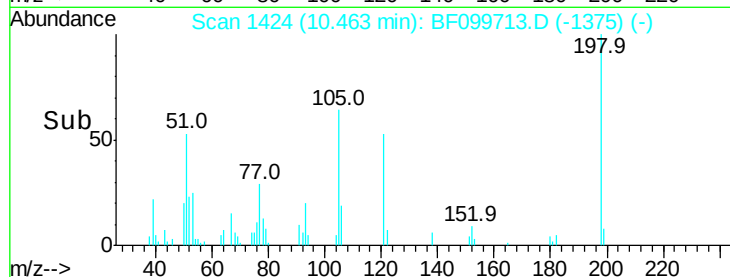
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.0	37.7	77.7
105	51.1	36.3	76.3

Manual Integrations
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Sohil

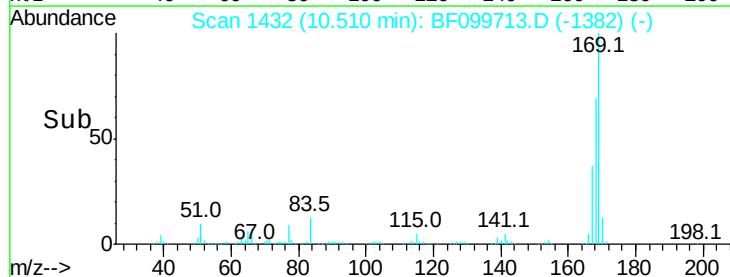
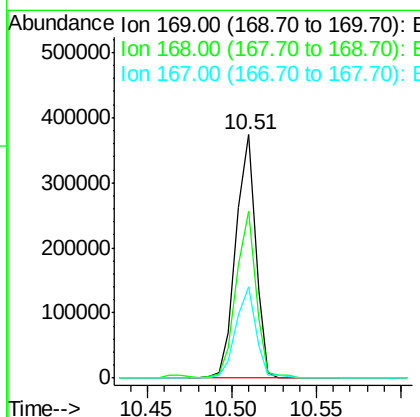
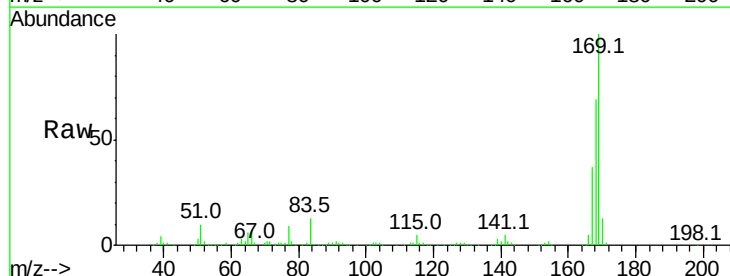


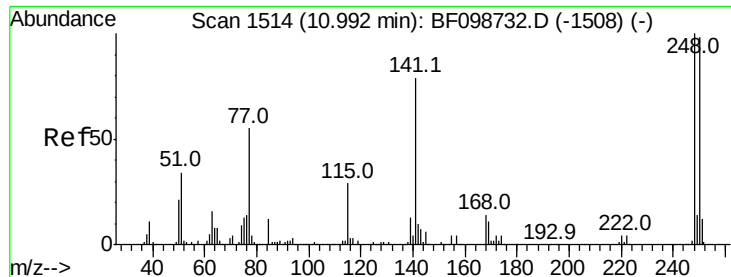
10/23/2017 3:26:56 PM



#65
 n-Nitrosodiphenylamine
 Concen: 41.545 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.4	81.6
167	37.3	29.8	44.6





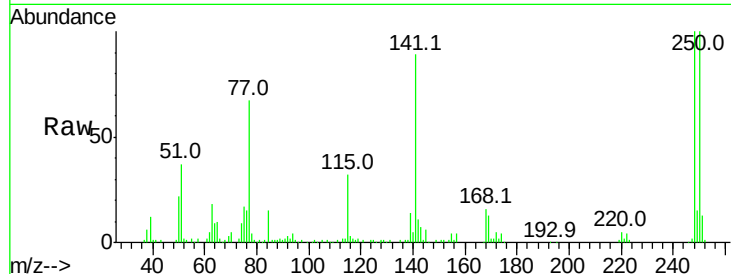
#66
 4-Bromophenyl-phenylether
 Concen: 40.834 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.9	115.3
141	89.2	74.4	111.6

Manual Integrations
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Sohil

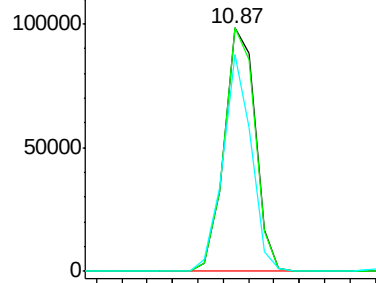


Abundance

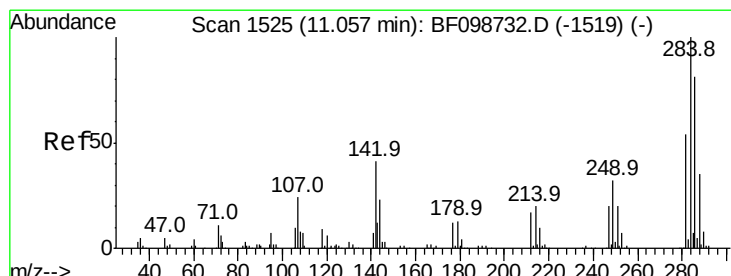
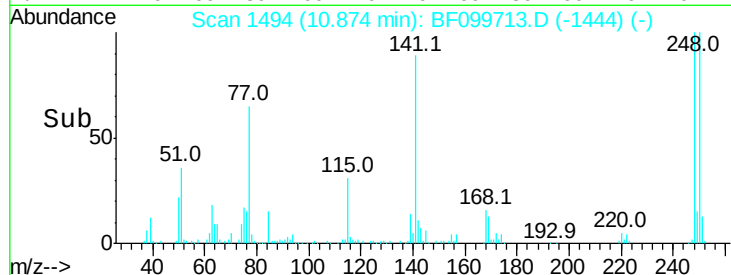
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

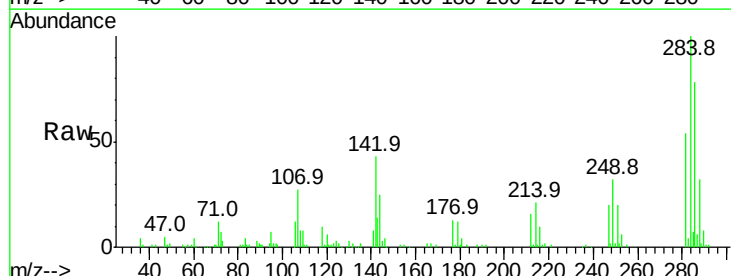


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#67
 Hexachlorobenzene
 Concen: 36.188 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.3	34.6	52.0
249	31.9	24.8	37.2

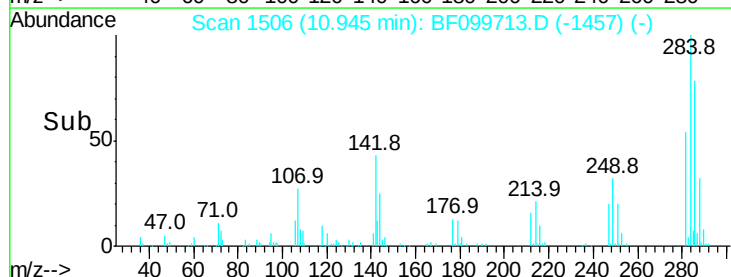
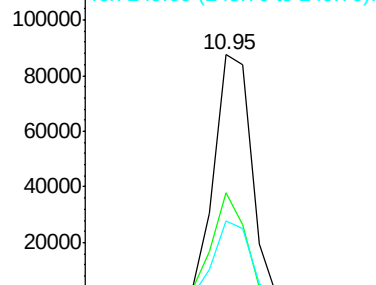


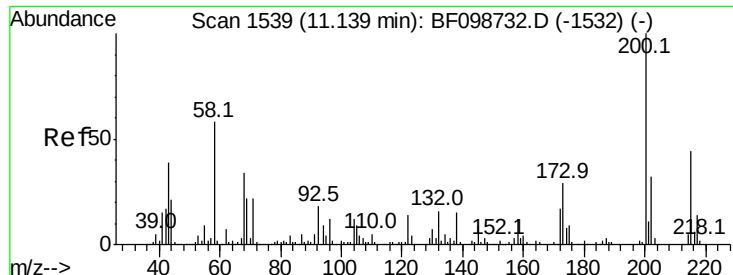
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





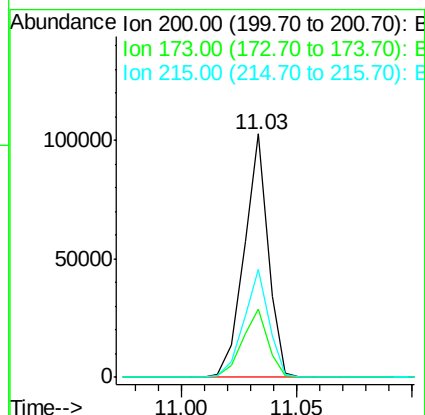
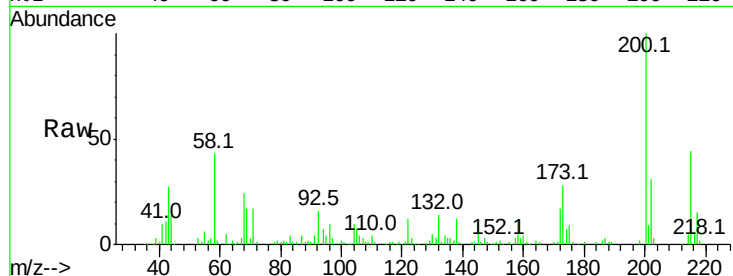
#68
Atrazine
Concen: 33.920 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

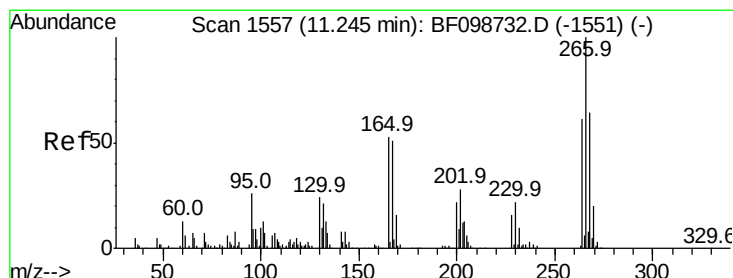
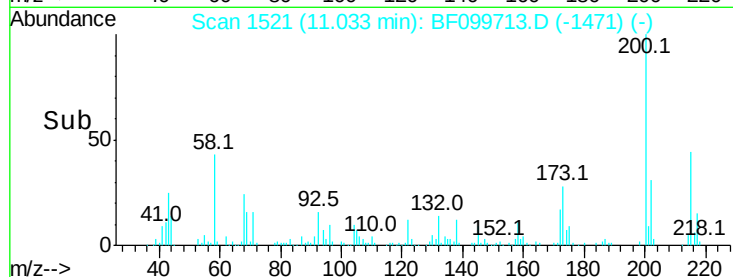
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	44.4	25.1	65.1

Manual Integrations
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Sohil

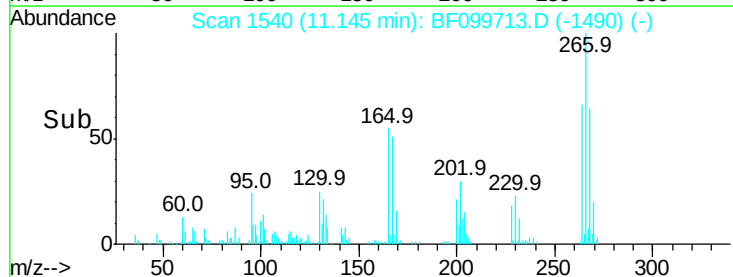
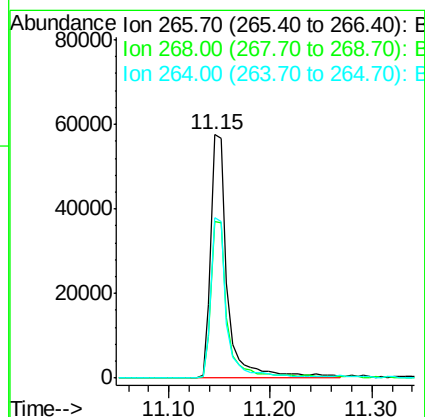
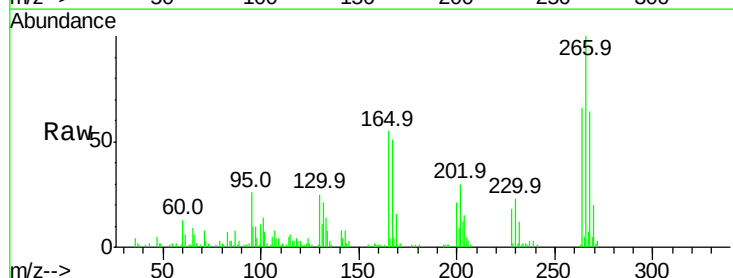


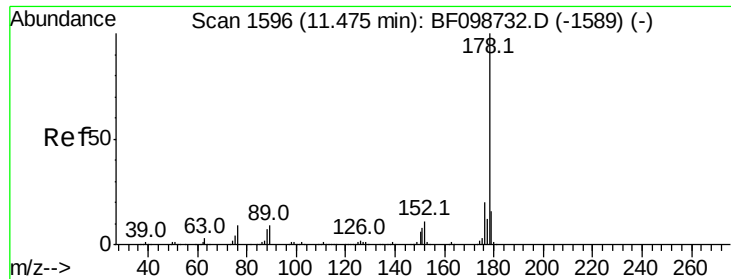
10/23/2017 3:26:56 PM



#69
Pentachlorophenol
Concen: 48.175 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	65.9	49.5	74.3





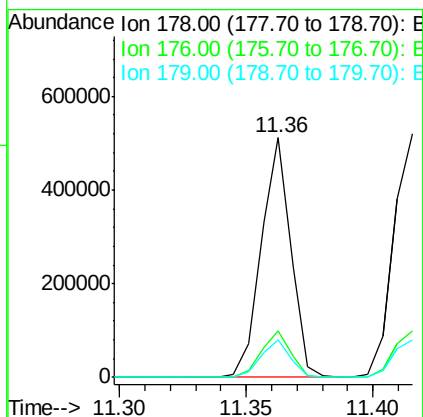
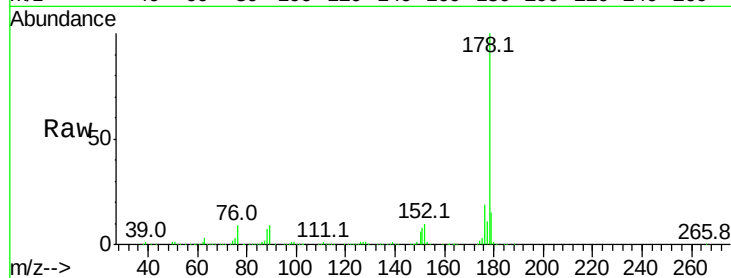
#70
Phenanthrene
Concen: 36.768 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

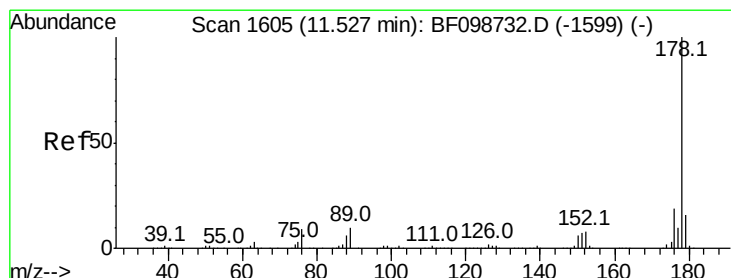
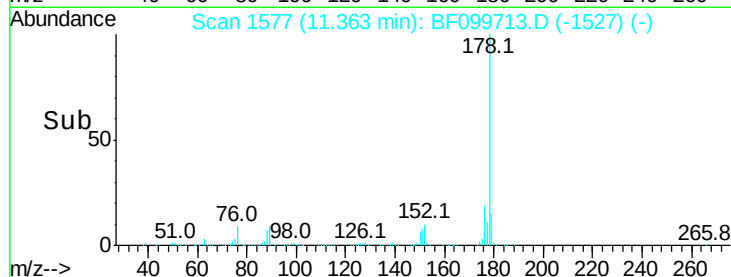
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.0	19.6

Manual Integrations
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Sohil

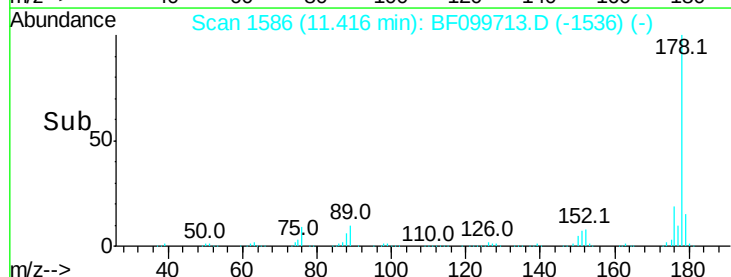
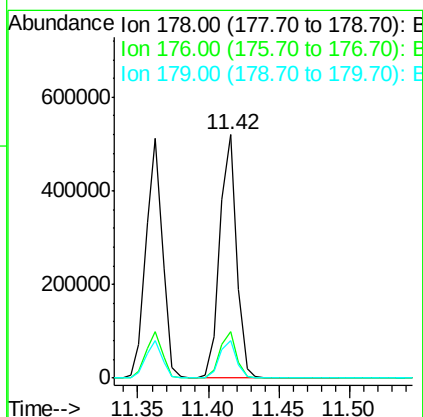
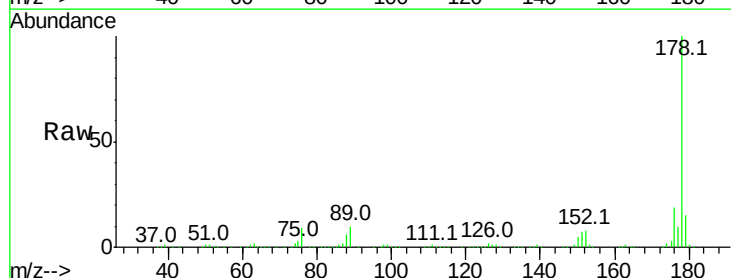


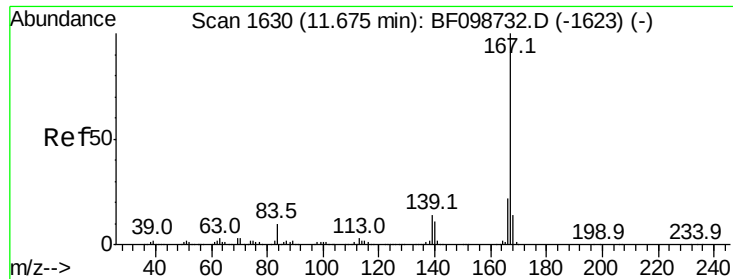
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#71
Anthracene
Concen: 37.079 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.6	19.0





#72
 Carbazole
 Concen: 34.426 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

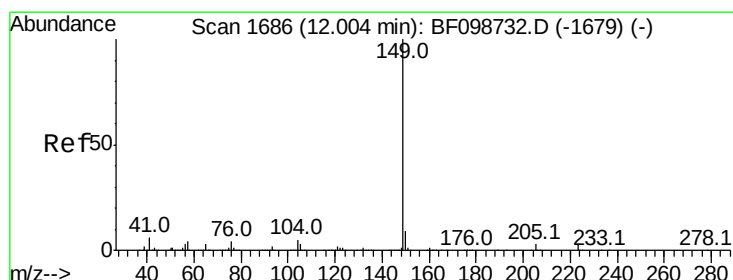
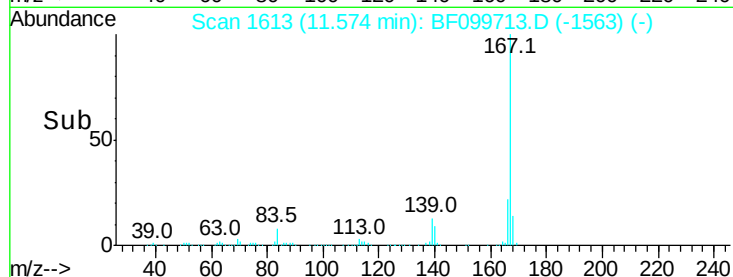
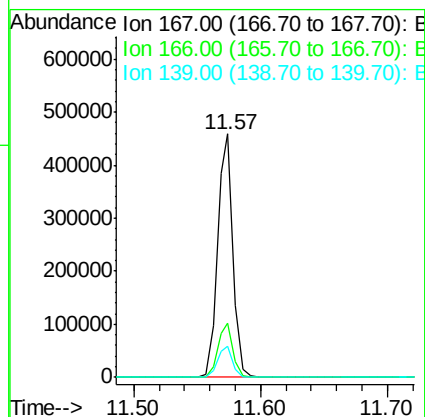
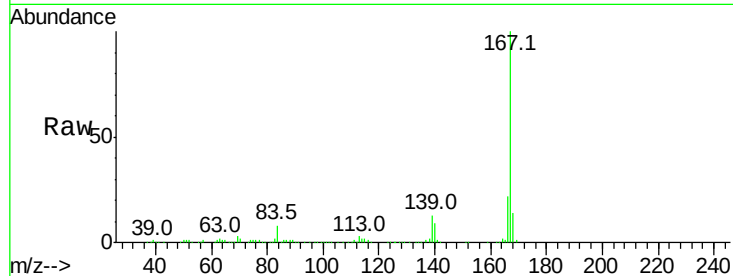
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.4	17.6	26.4	
139	12.6	10.9	16.3	

Manual Integrations
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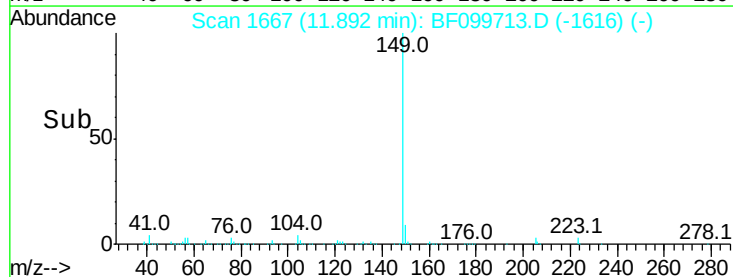
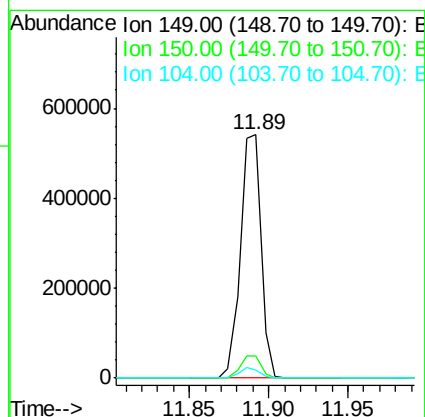
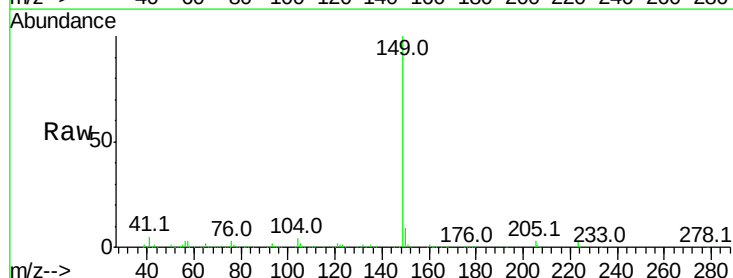
Sohil

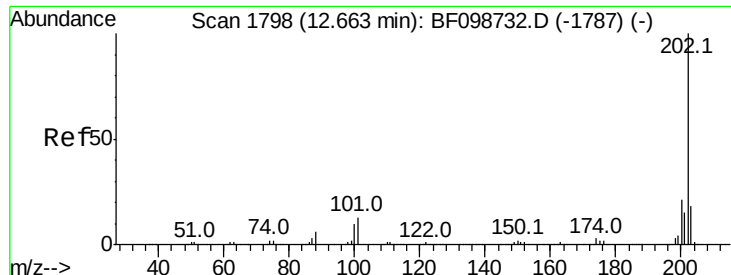
10/23/2017 3:26:56 PM



#73
 Di-n-butylphthalate
 Concen: 35.761 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.6	
104	3.6	3.8	5.8	





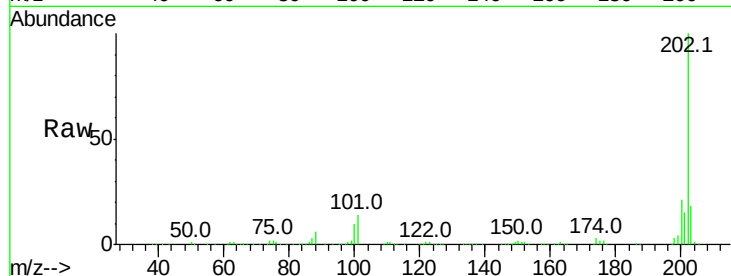
#74
 Fluoranthene
 Concen: 34.606 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

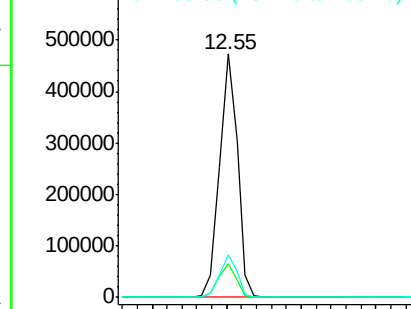
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
 APPROVED

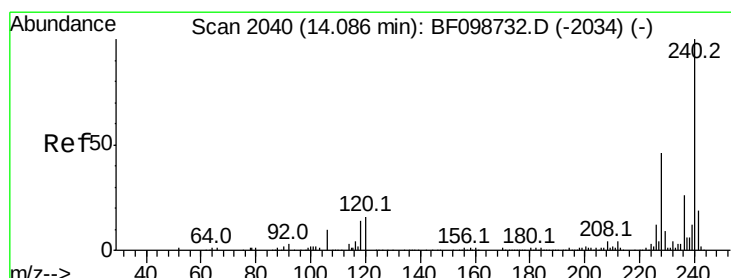
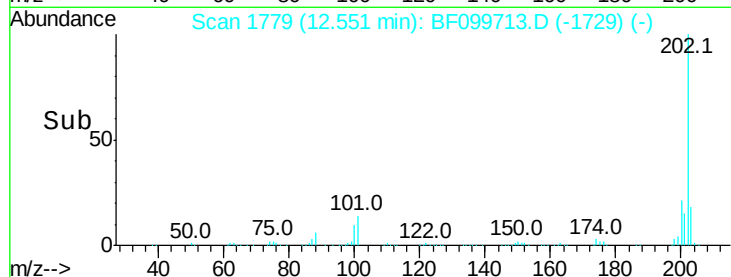
Sohil



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



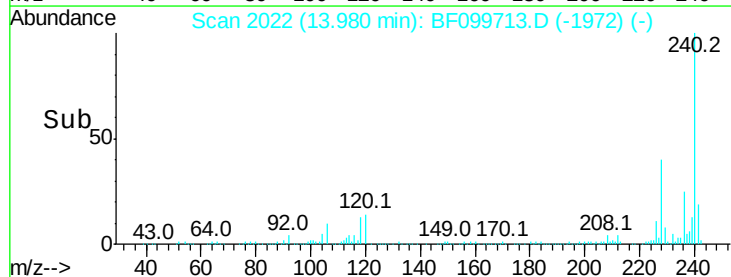
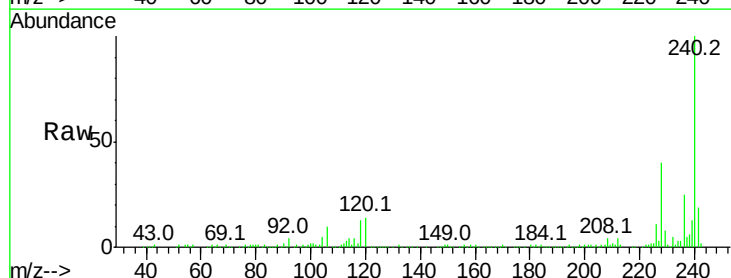
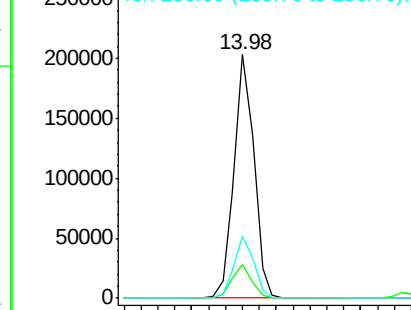
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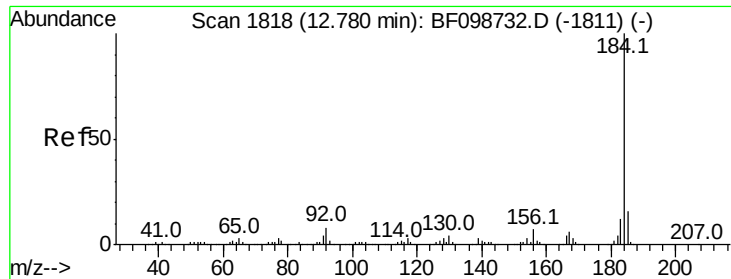


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.2	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





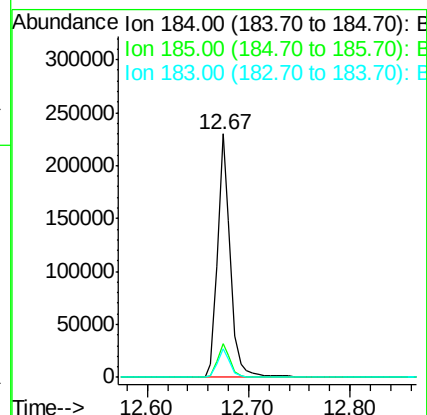
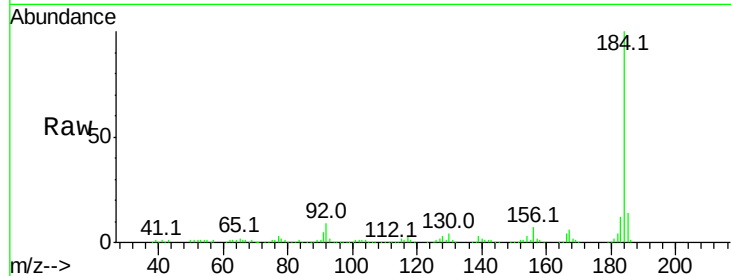
#76
Benzidine
Concen: 32.932 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

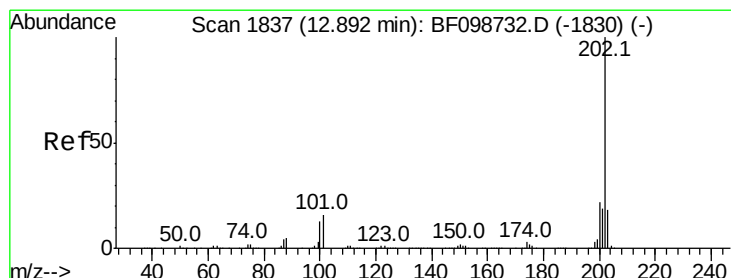
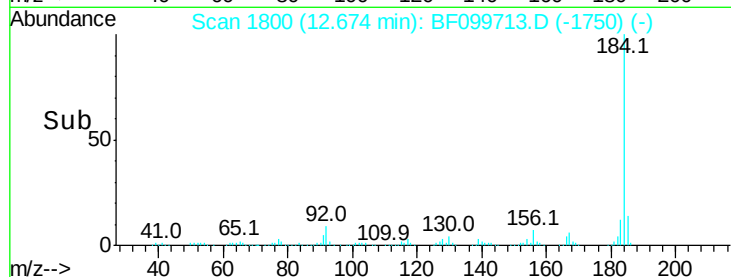
Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.9	9.3	13.9

Manual Integrations
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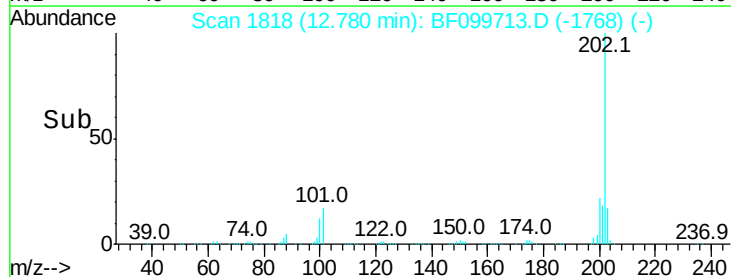
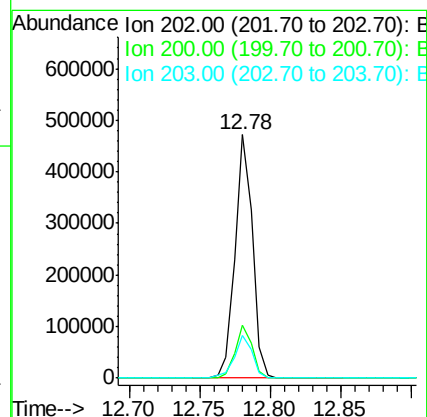
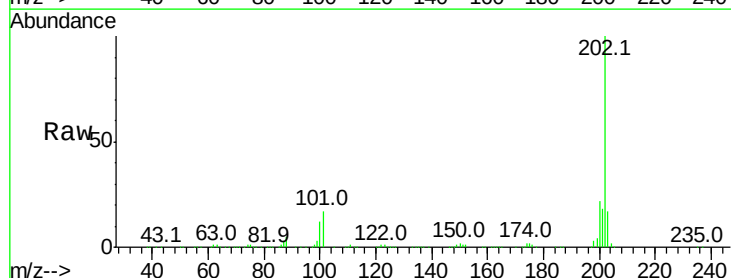


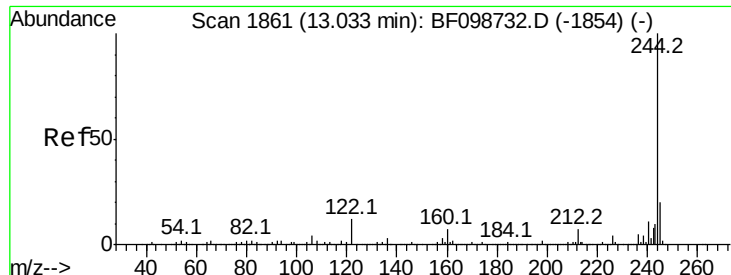
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#77
Pyrene
Concen: 31.898 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5





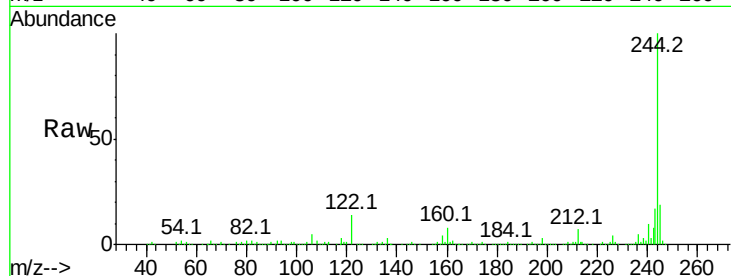
#78
 Terphenyl-d14
 Concen: 63.025 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MSD

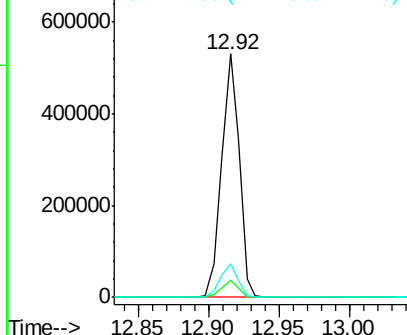
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.0	11.0	16.4

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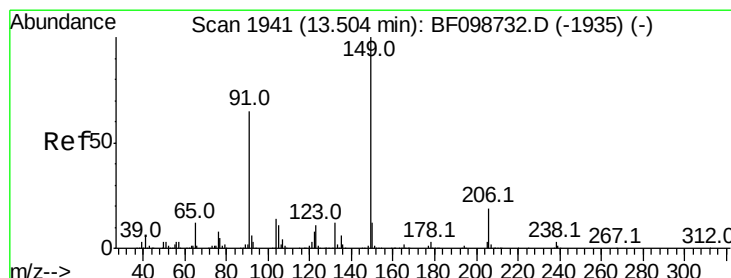
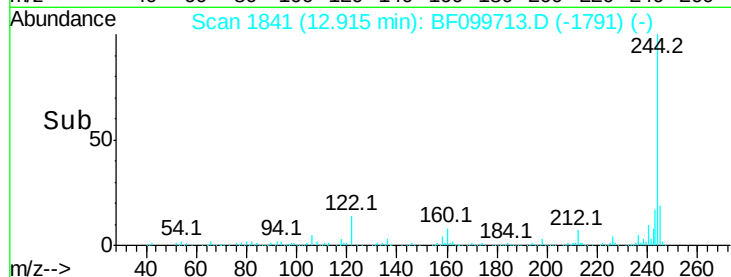
Sohil



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

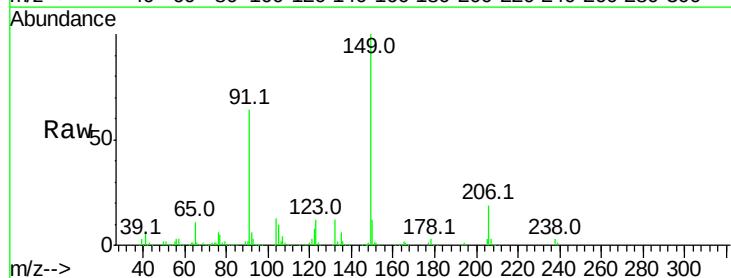


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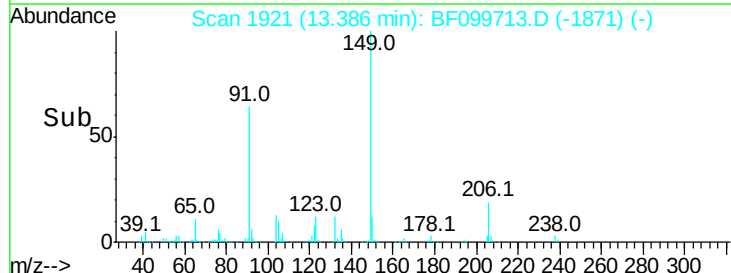
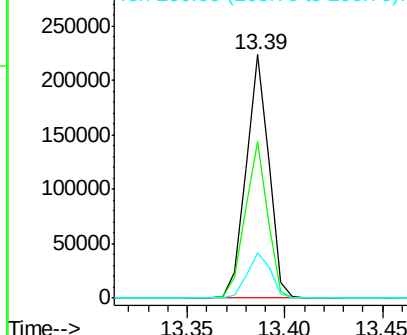


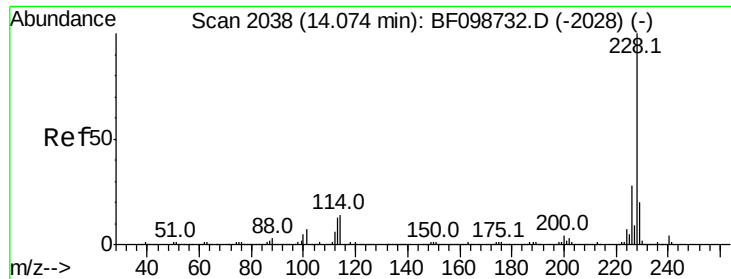
#79
 Butylbenzylphthalate
 Concen: 30.204 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099713.D
 Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	56.8	85.2
206	18.7	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.434 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Instrument :

BNA_F

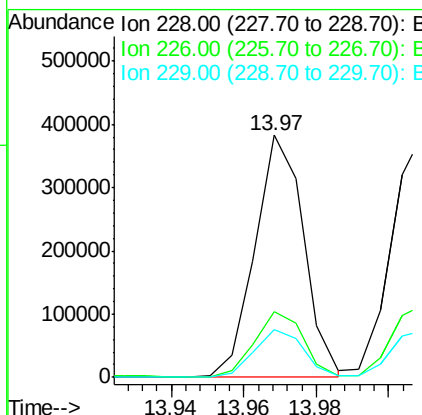
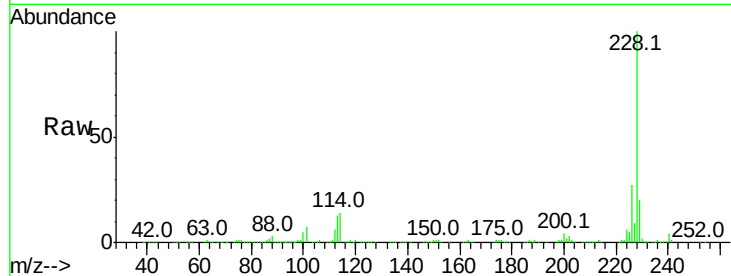
ClientSampleId :

20170718-C-COMP1MSD

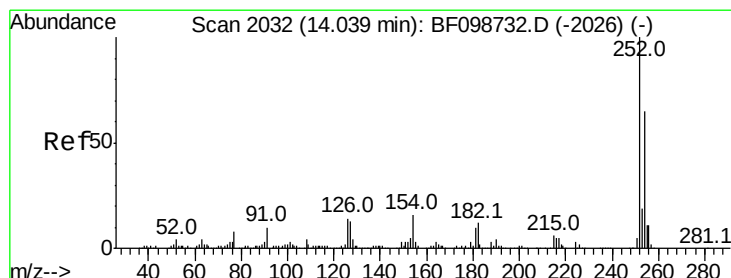
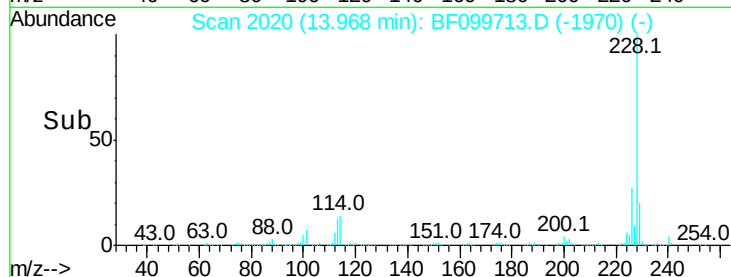
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.7	15.8	23.6

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 32.209 ng

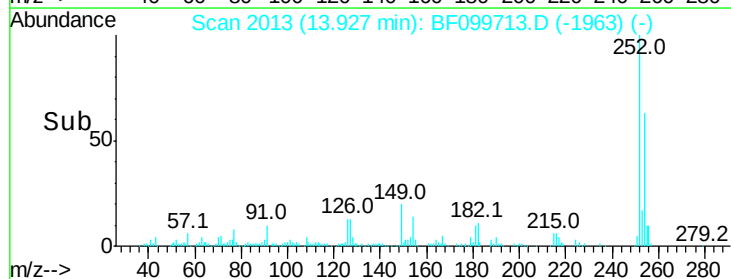
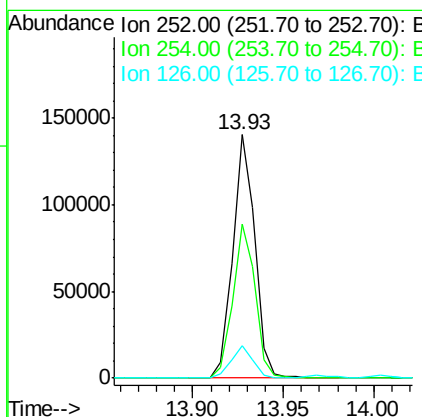
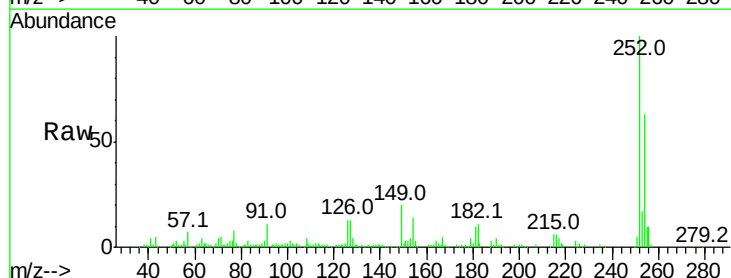
RT: 13.93 min Scan# 2013

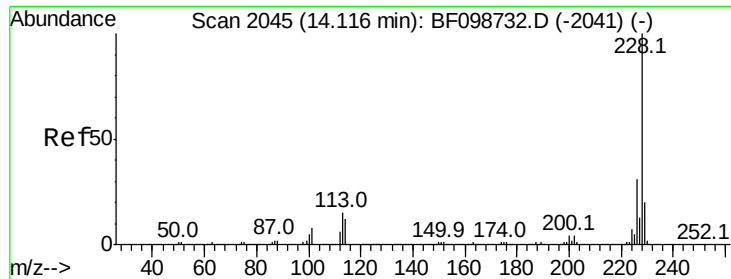
Delta R.T. -0.01 min

Lab File: BF099713.D

Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	13.1	11.3	16.9





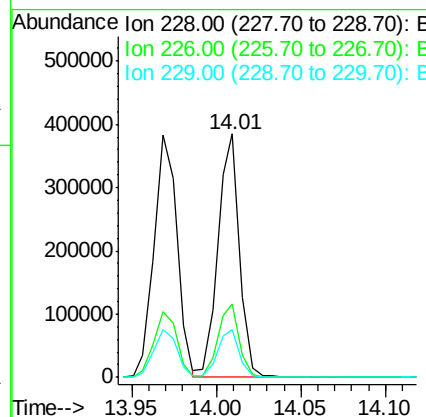
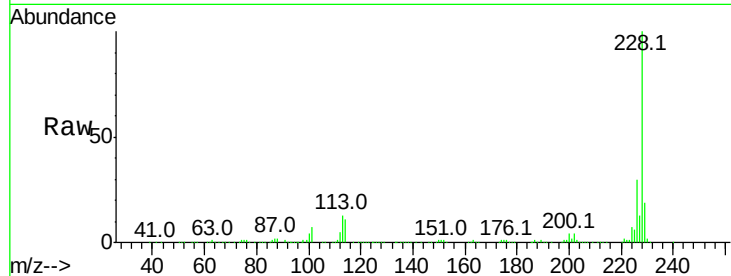
#82
Chrysene
Concen: 35.815 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

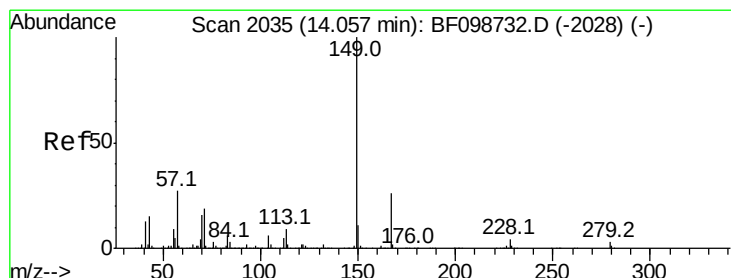
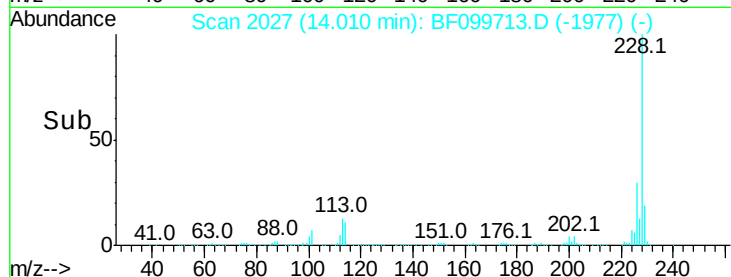
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.5	16.2	24.4

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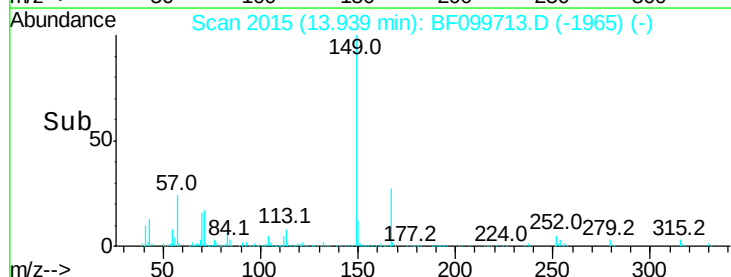
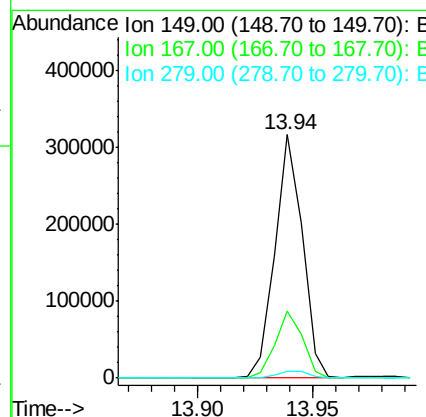
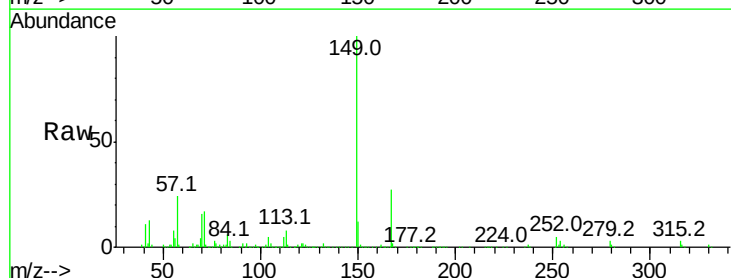


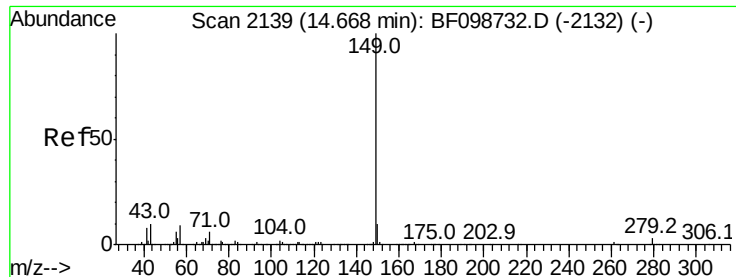
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#83
Bis(2-ethylhexyl)phthalate
Concen: 32.102 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.0	3.0	4.4





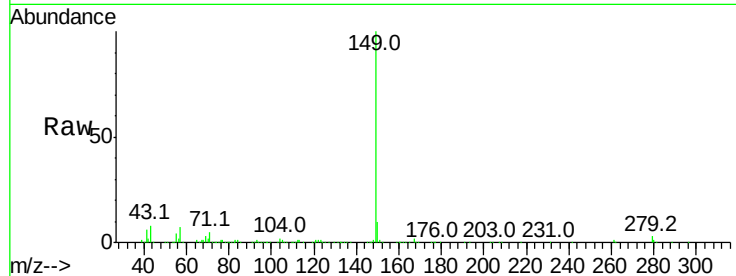
#84
Di-n-octyl phthalate
Concen: 35.125 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

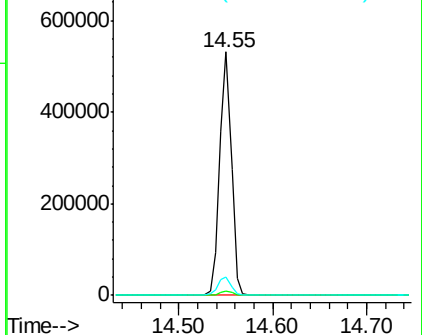
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	7.6	8.4	12.6	

Manual Integrations
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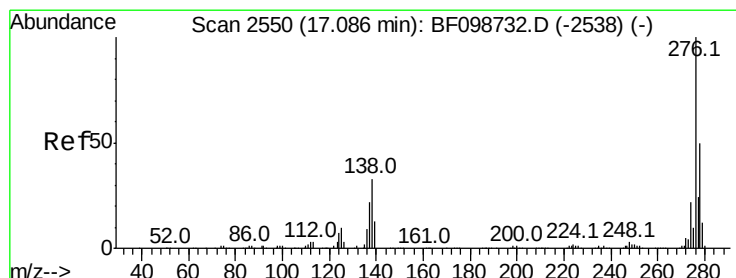
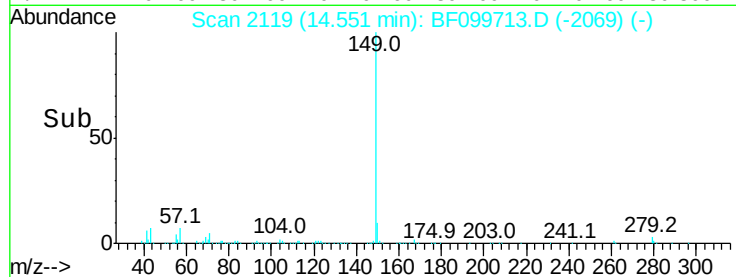
Sohil



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

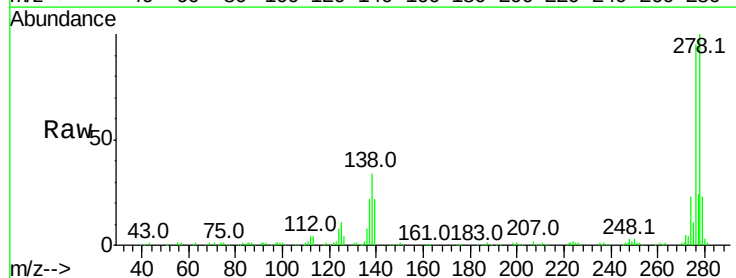


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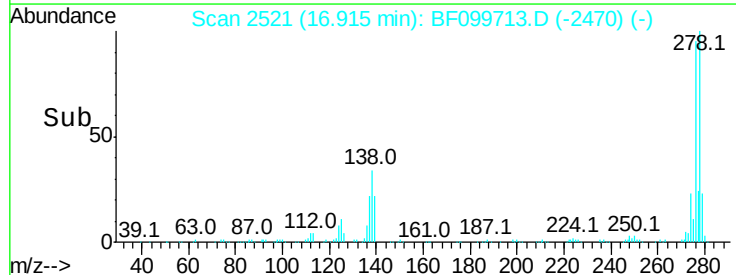
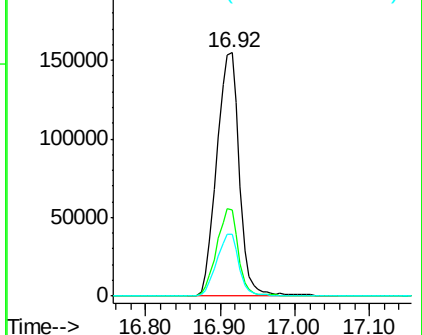


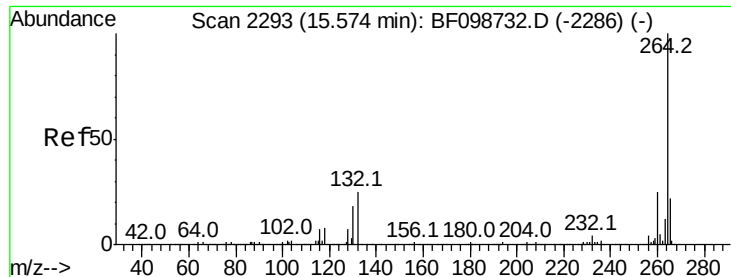
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.668 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	34.5	25.0	37.6	
277	24.9	20.1	30.1	



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





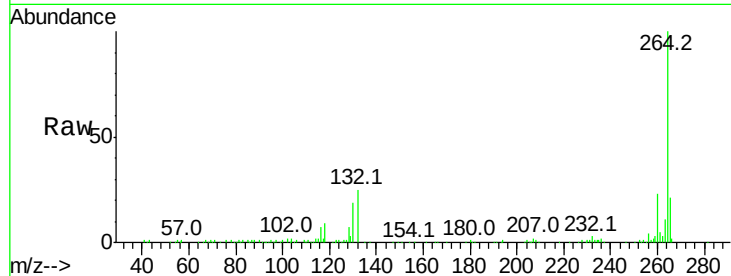
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

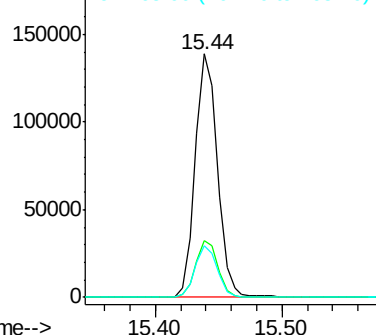
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

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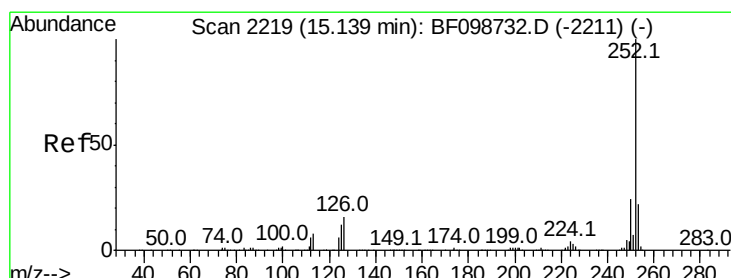
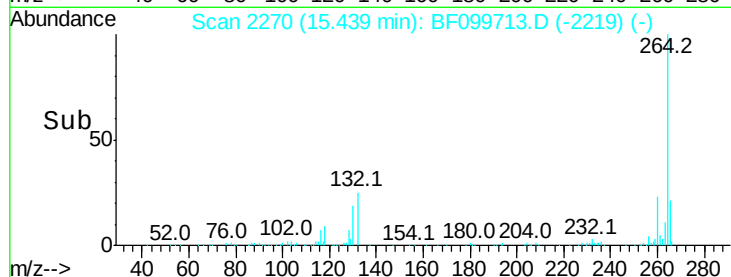
Sohil



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



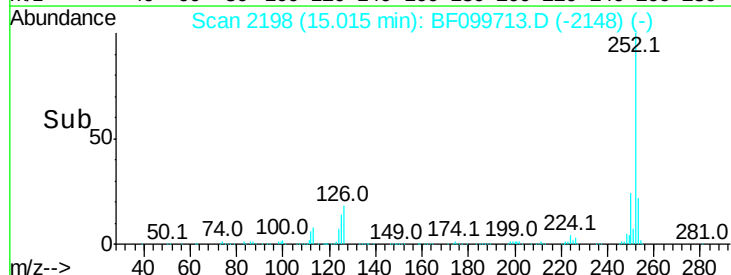
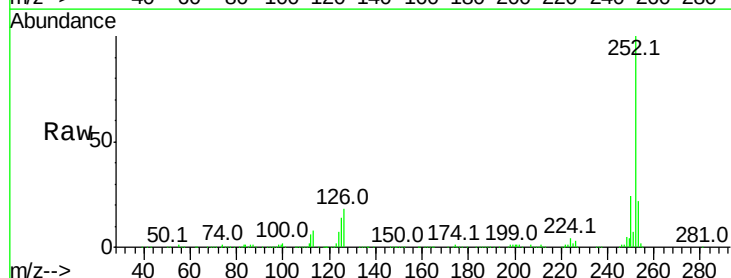
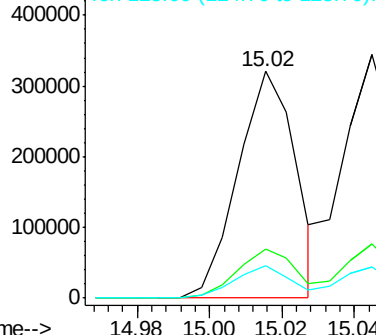
10/23/2017 3:26:56 PM

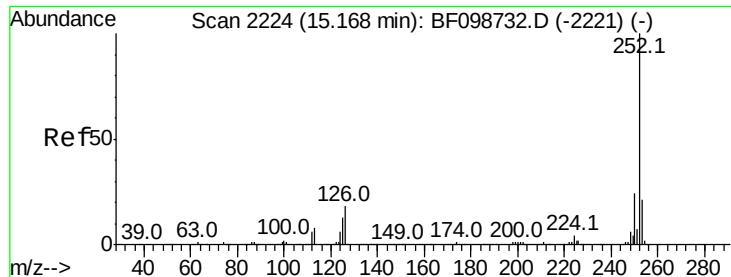


#87
Benzo(b)fluoranthene
Concen: 34.096 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	14.3	9.0	13.6

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





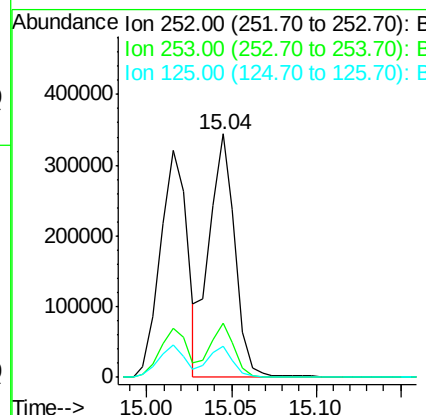
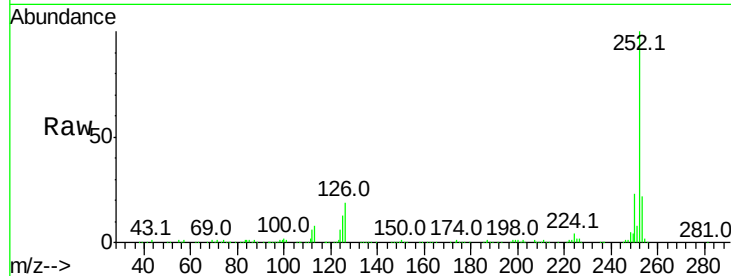
#88
Benzo(k)fluoranthene
Concen: 35.165 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

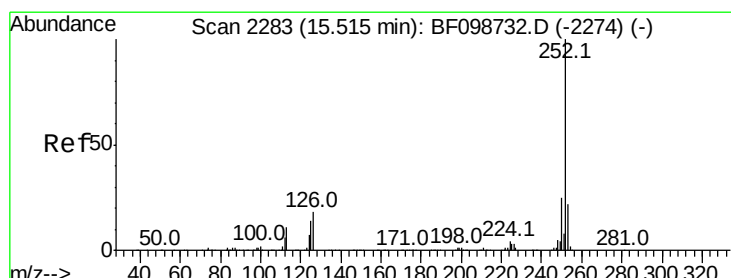
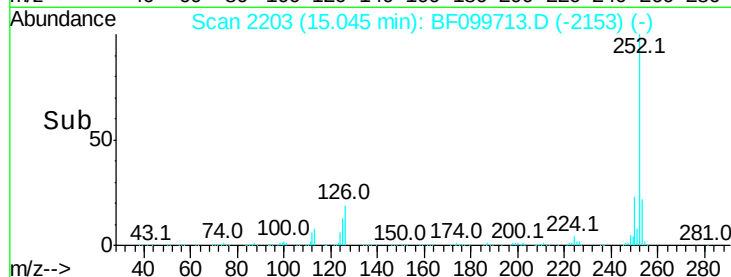
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.9	10.2	15.2

Manual Integrations
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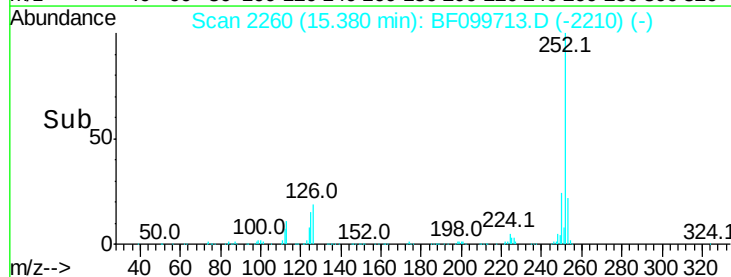
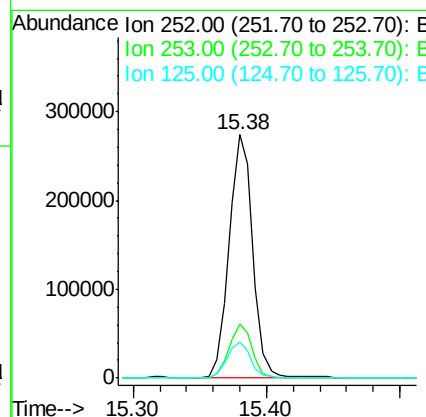
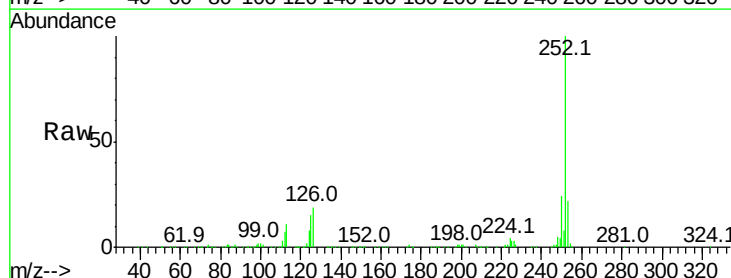


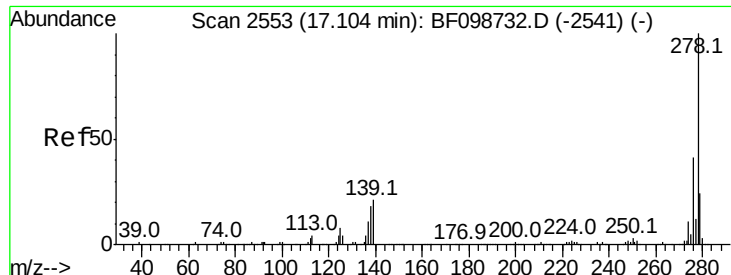
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#89
Benzo(a)pyrene
Concen: 35.942 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.9	9.8	14.6





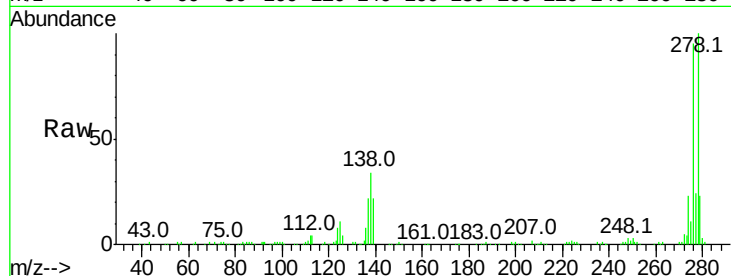
#90
Dibenzo(a,h)anthracene
Concen: 36.569 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MSD

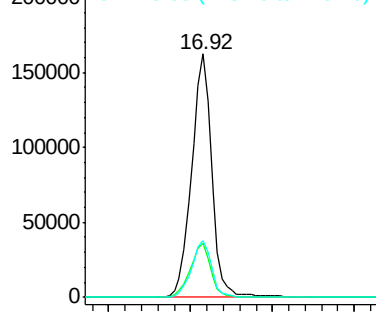
Tot Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	23.4	19.0	28.4

Manual Integrations
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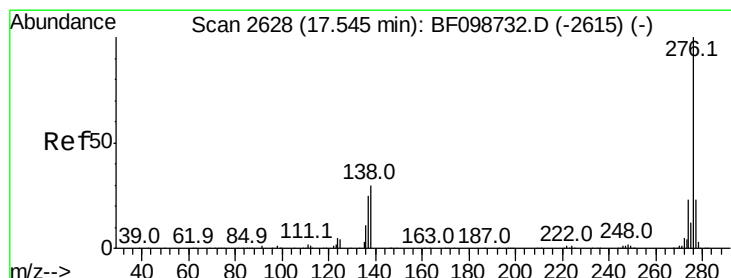
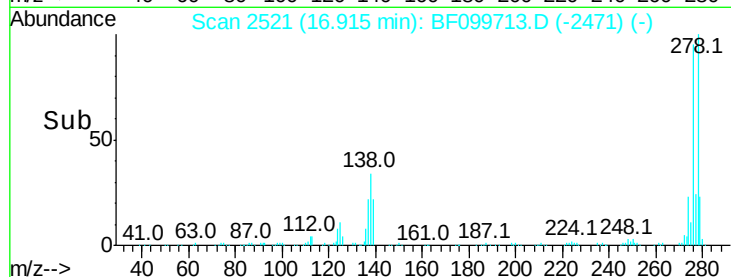
Sohil



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

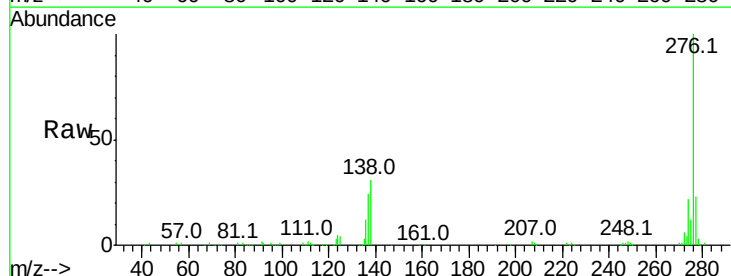


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#91
Benzo(g,h,i)perylene
Concen: 35.082 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF099713.D
Acq: 20 Oct 2017 20:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	30.7	21.8	32.8



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

