

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099920.D
 Acq On : 28 Oct 2017 16:35
 Operator : SJ/JU
 Sample : I6077-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

Manual Integrations
 APPROVED

Quant Time: Oct 30 10:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94004	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	390264	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	174824	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	271897	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	161624	20.00	ng	-0.03
86) Perylene-d12	15.43	264	178775	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	434689	72.60	ng	0.00
7) Phenol-d6	6.43	99	511170	72.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	291454	48.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	97650	61.29	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	594244	52.44	ng	-0.02
78) Terphenyl-d14	12.89	244	397963	53.81	ng	-0.03

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	53464	20.220	ng	# 89
3) Pyridine	3.35	79	105433	16.581	ng	# 90
4) n-Nitrosodimethylamine	3.27	42	50114	22.061	ng	# 63
6) Aniline	6.46	93	144525	15.700	ng	# 86
8) 2-Chlorophenol	6.57	128	163693	25.651	ng	95
9) Benzaldehyde	6.35	77	75732	17.851	ng	87
10) Phenol	6.45	94	202567	25.987	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	150781	25.049	ng	96
12) 1,3-Dichlorobenzene	6.73	146	167219m	23.337	ng	
13) 1,4-Dichlorobenzene	6.80	146	170424	23.435	ng	97
14) 1,2-Dichlorobenzene	6.96	146	161335	24.342	ng	94
15) Benzyl Alcohol	6.94	79	117269	25.972	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	187127	27.985	ng	# 32
17) 2-Methylphenol	7.05	107	129141	24.193	ng	95
18) Hexachloroethane	7.29	117	53848	22.194	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	103282	24.824	ng	92
20) 3+4-Methylphenols	7.21	107	167707	26.982	ng	# 86
22) Acetophenone	7.20	105	215768	24.282	ng	96
24) Nitrobenzene	7.37	77	150968	24.717	ng	93
25) Isophorone	7.61	82	288028	26.185	ng	97
26) 2-Nitrophenol	7.69	139	86547	24.740	ng	# 85
27) 2,4-Dimethylphenol	7.73	122	140071	27.175	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	193428	25.109	ng	99
29) 2,4-Dichlorophenol	7.94	162	139073	25.973	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	138937	24.285	ng	99
31) Naphthalene	8.09	128	464874	24.677	ng	99
33) 4-Chloroaniline	8.15	127	123848	15.921	ng	94
34) Hexachlorobutadiene	8.20	225	70865	24.081	ng	95
35) Caprolactam	8.52	113	27775	16.495	ng	# 70
36) 4-Chloro-3-methylphenol	8.64	107	134198	24.555	ng	90
37) 2-Methylnaphthalene	8.78	142	324630	25.714	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	133114	23.575	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	7987	18.122	ng	98
42) 2,4,6-Trichlorophenol	9.07	196	83133	24.341	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	81803	22.570	nq	95
45) 1,1'-Biphenyl	9.25	154	376973	23.836	nq	97
46) 2-Chloronaphthalene	9.27	162	289917	25.242	nq	95
47) 2-Nitroaniline	9.38	65	72423	24.025	nq	# 82
48) Acenaphthylene	9.69	152	426142	24.089	nq	98
49) Dimethylphthalate	9.55	163	441175	31.866	nq	100
50) 2,6-Dinitrotoluene	9.62	165	73168	25.140	nq	# 78
51) Acenaphthene	9.86	154	261775	24.218	nq	99
52) 3-Nitroaniline	9.79	138	68803	20.063	nq	91
53) 2,4-Dinitrophenol	9.98	184	1545	7.009	nq	# 1
54) Dibenzofuran	10.03	168	383356	25.125	nq	99
55) 4-Nitrophenol	9.98	139	50340	28.094	nq	# 79
56) 2,4-Dinitrotoluene	10.03	165	88496	25.248	nq	# 94
57) Fluorene	10.37	166	305856	24.211	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	53460	21.038	nq	95
59) Diethylphthalate	10.24	149	326474	24.148	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	145435	24.461	nq	90
61) 4-Nitroaniline	10.41	138	63850	19.515	nq	84
62) Azobenzene	10.52	77	272092	24.008	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	6016	3.520	nq	85
65) n-Nitrosodiphenylamine	10.48	169	266115	26.514	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	79982	27.942	nq	92
67) Hexachlorobenzene	10.92	284	74943	25.592	nq	99
68) Atrazine	11.01	200	80279	26.627	nq	100
69) Pentachlorophenol	11.13	266	32849	26.252	nq	99
70) Phenanthrene	11.34	178	506708	33.022	nq	99
71) Anthracene	11.39	178	409701	26.304	nq	98
72) Carbazole	11.55	167	332536	22.704	nq	99
73) Di-n-butylphthalate	11.86	149	478875	25.633	nq	99
74) Fluoranthene	12.53	202	442880	27.773	nq	97
76) Benzidine	12.66	184	69059	9.765	nq	97
77) Pyrene	12.76	202	427271	34.766	nq	98
79) Butylbenzylphthalate	13.36	149	150200	24.819	nq	95
80) Benzo(a)anthracene	13.95	228	301495	29.426	nq	97
81) 3,3'-Dichlorobenzidine	13.91	252	78076	20.993	nq	98
82) Chrysene	13.99	228	279292	28.995	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	219317	25.806	nq	# 98
84) Di-n-octyl phthalate	14.53	149	373635	25.615	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.90	276	300954	34.034	nq	98
87) Benzo(b)fluoranthene	15.00	252	305985	27.105	nq	97
88) Benzo(k)fluoranthene	15.03	252	268673	25.239	nq	98
89) Benzo(a)pyrene	15.37	252	288062	28.407	nq	99
90) Dibenzo(a,h)anthracene	16.89	278	236311	26.226	nq	97
91) Benzo(g,h,i)perylene	17.34	276	245111	27.805	nq	97

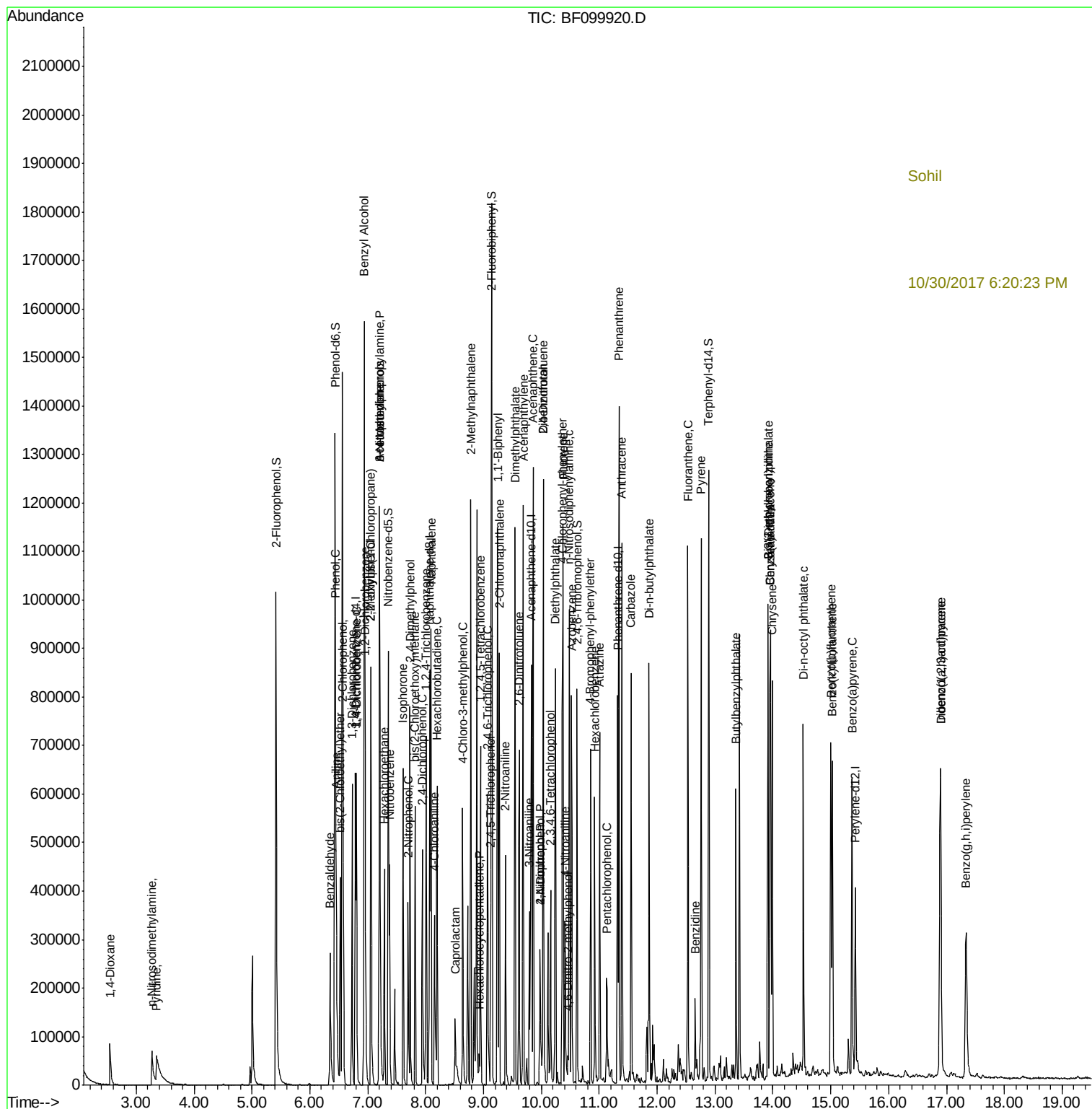
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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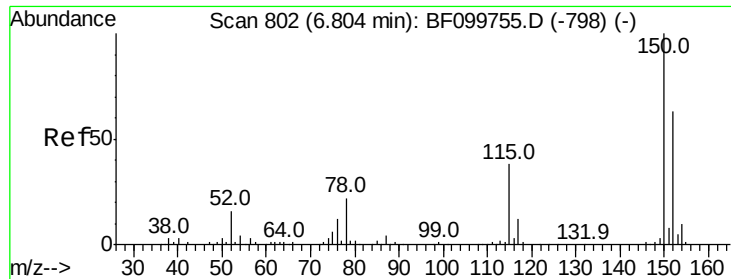
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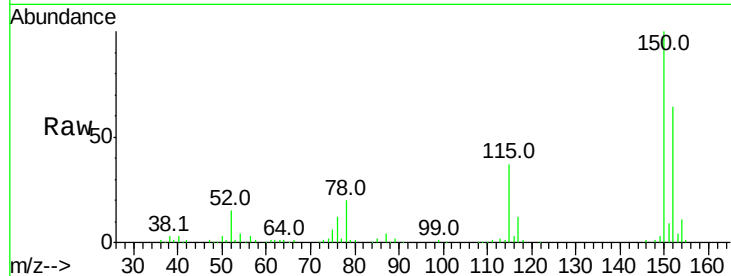
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

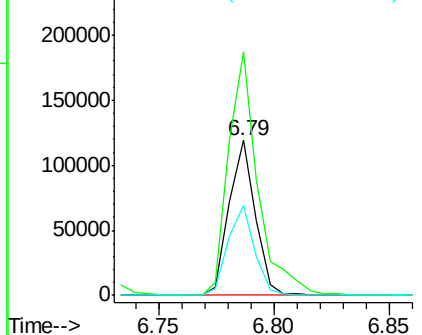
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.2	50.1	75.1

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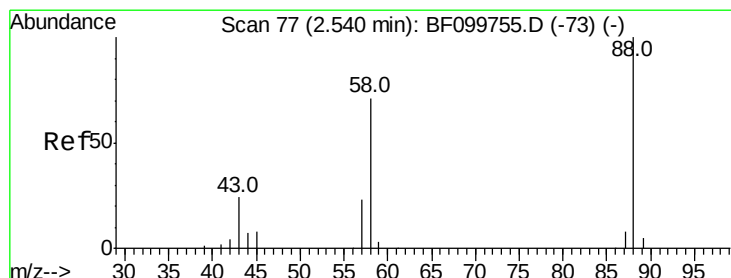
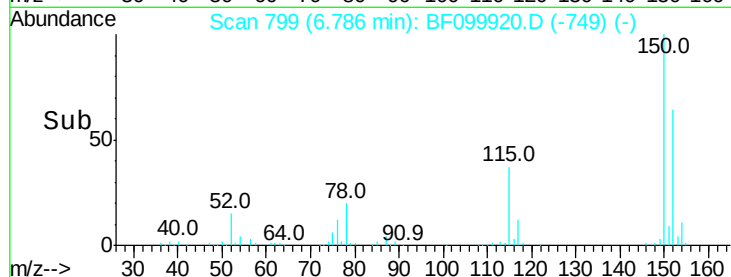


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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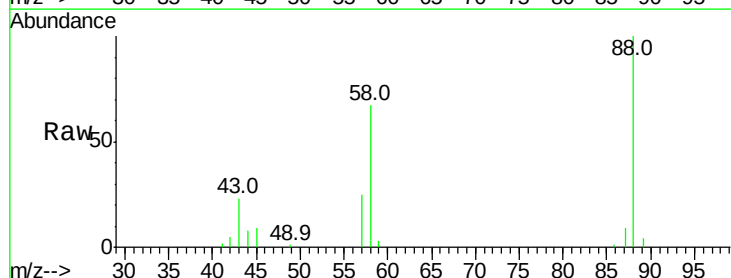
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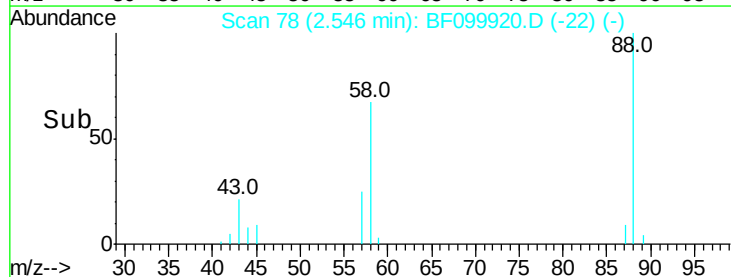
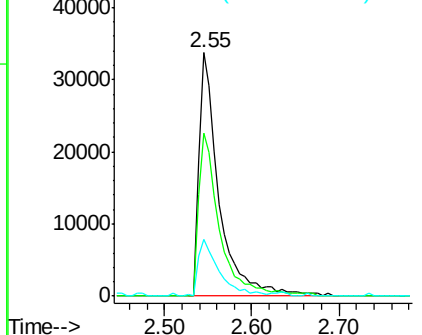
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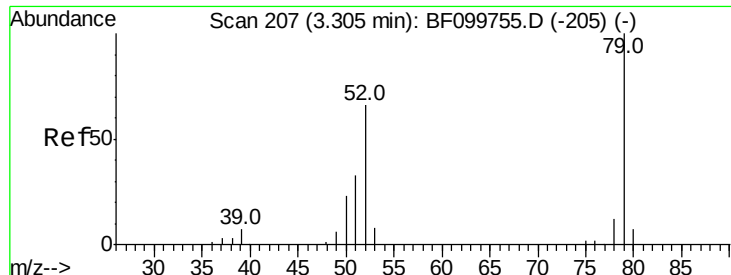
1,4-Dioxane
Concen: 20.220 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	24.5	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: 16.581 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.06 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

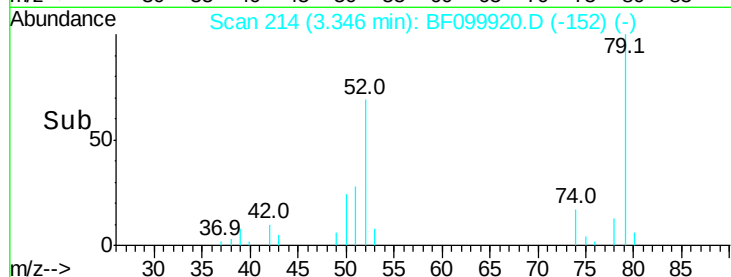
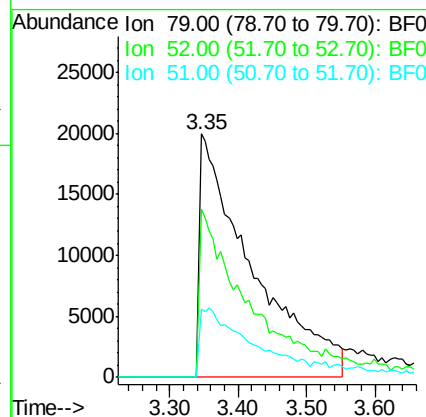
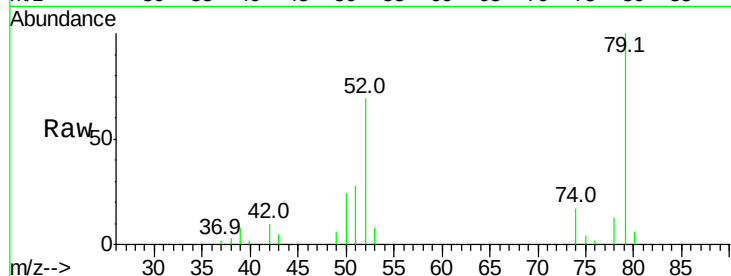
BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

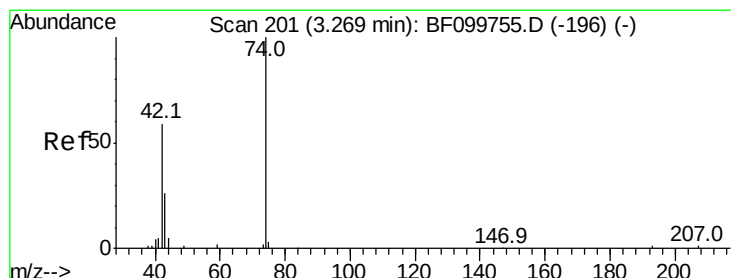
Tot Ion:	79	Resp:	105433
Ion	Ratio	Lower	Upper
79	100		
52	68.9	59.8	89.6
51	28.2	29.8	44.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 22.061 ng

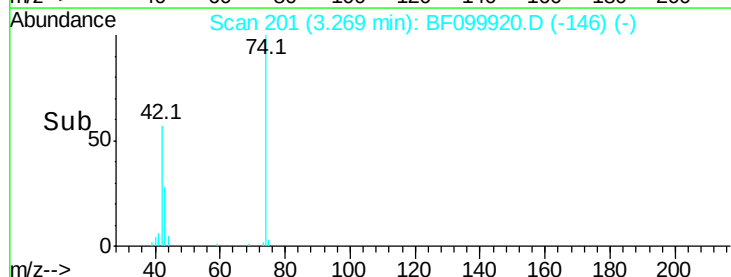
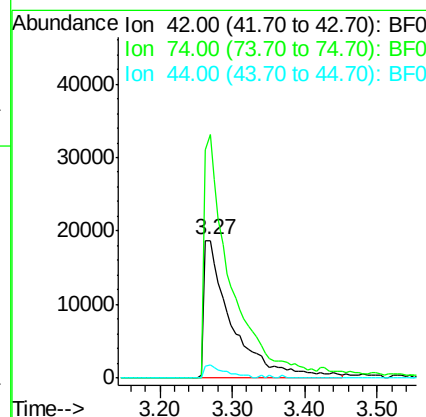
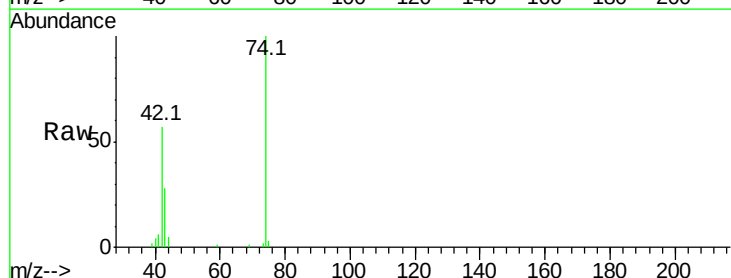
RT: 3.27 min Scan# 201

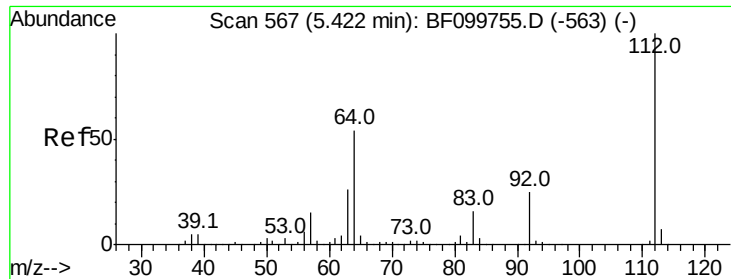
Delta R.T. 0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:	42	Resp:	50114
Ion	Ratio	Lower	Upper
42	100		
74	176.4	104.9	157.3#
44	9.7	6.9	10.3



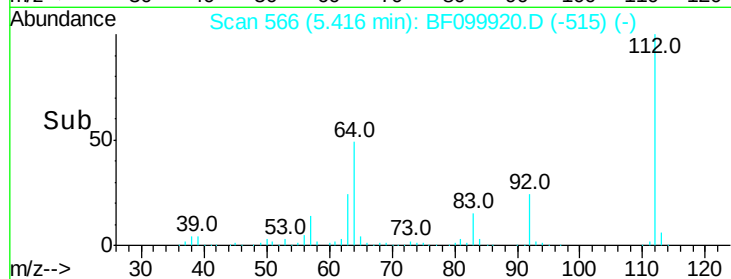
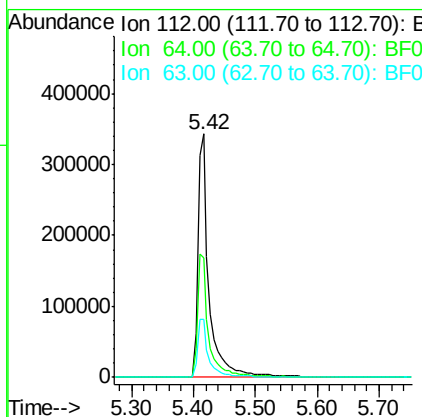
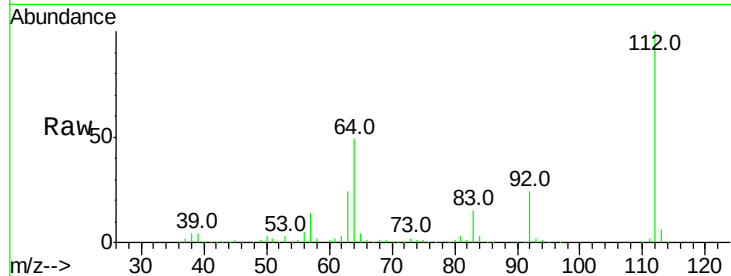


#5
 2-Fluorophenol
 Concen: 72.598 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

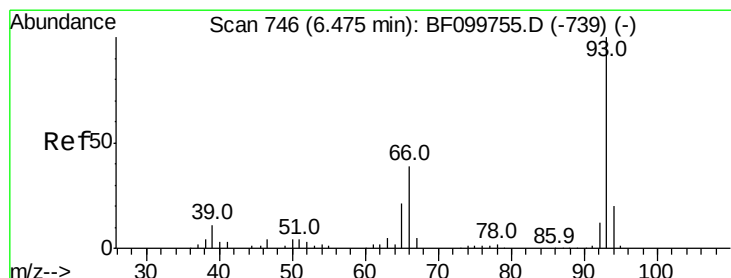
Tot Ion:	112	Resp:	434689
Ion Ratio	Lower	Upper	
112	100		
64	49.3	47.9	71.9
63	23.6	23.7	35.5#

Manual Integrations
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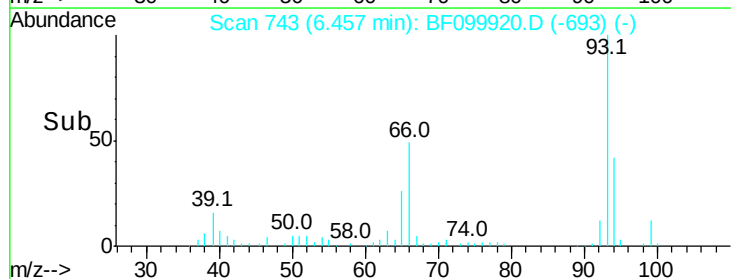
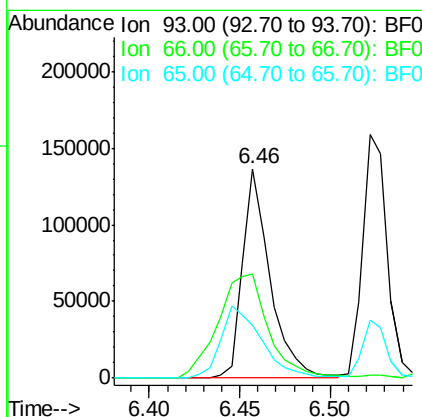
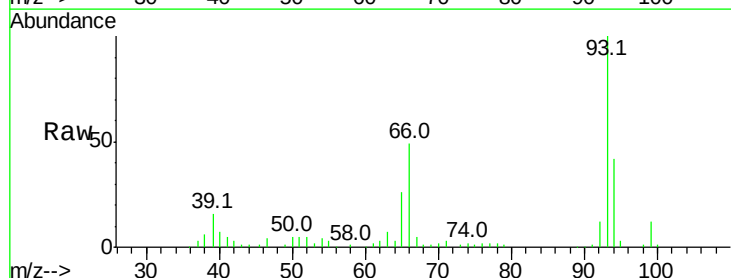
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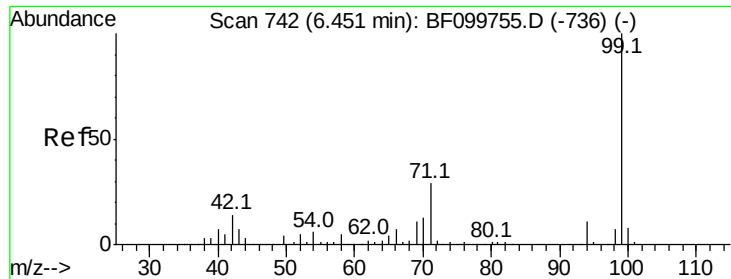
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#6
 Aniline
 Concen: 15.700 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:	93	Resp:	144525
Ion Ratio	Lower	Upper	
93	100		
66	49.5	32.2	48.2#
65	25.5	16.4	24.6#





#7

Phenol-d6

Concen: 71.999 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

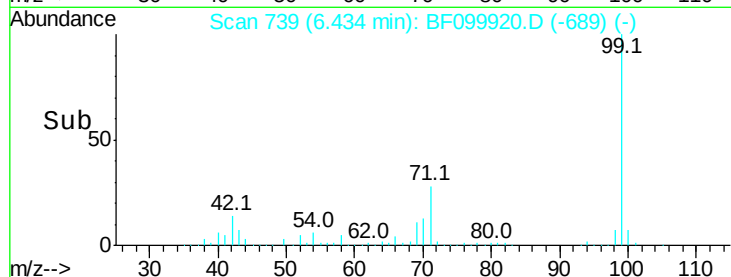
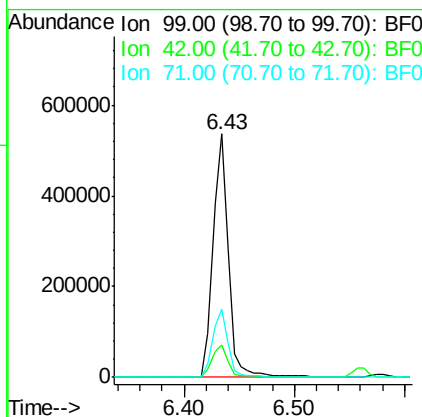
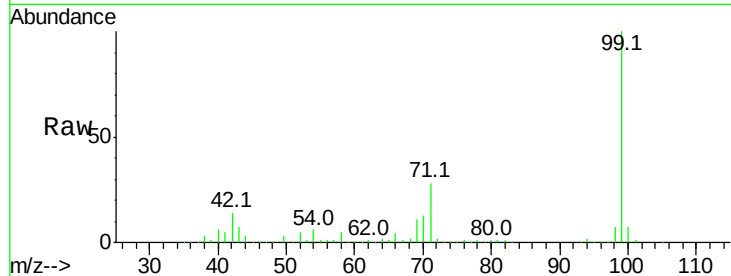
BNA_F

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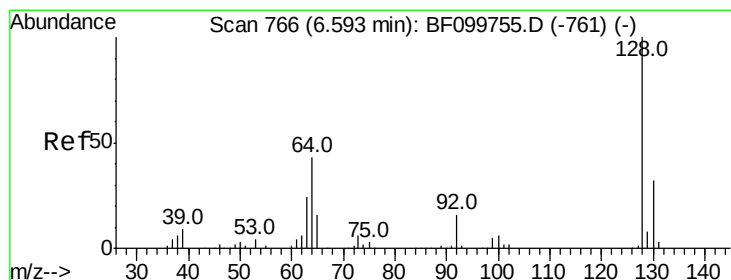
Tot Ion:	99	Resp:	511170
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	28.1	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 25.651 ng

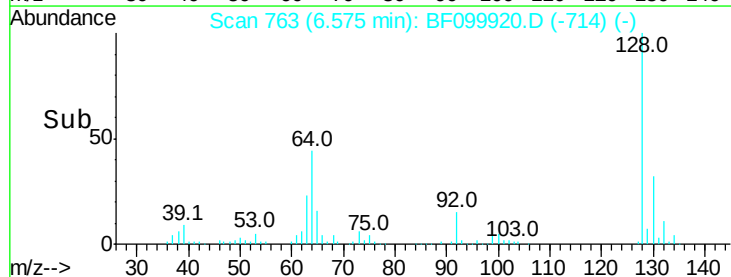
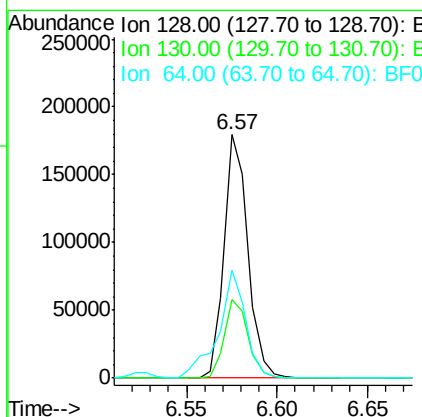
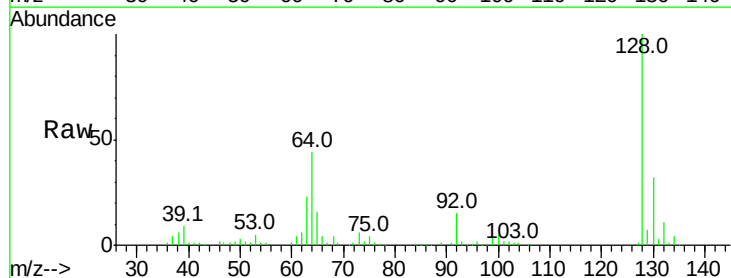
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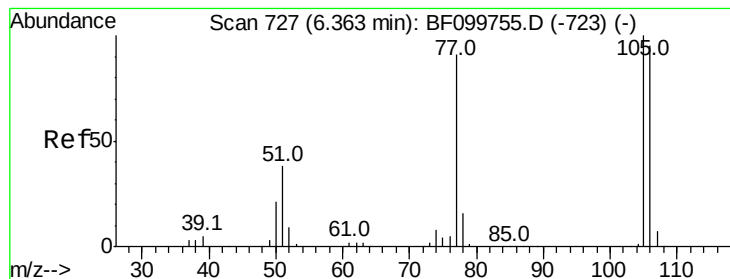
Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:	128	Resp:	163693
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 17.851 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

FILL-PILE-1-COMP-1MS

Tot Ion: 77 Resp: 75732

Ion Ratio Lower Upper

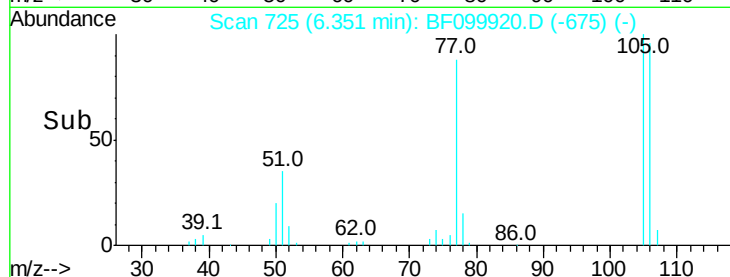
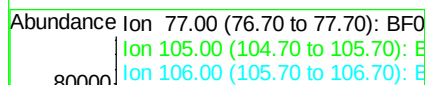
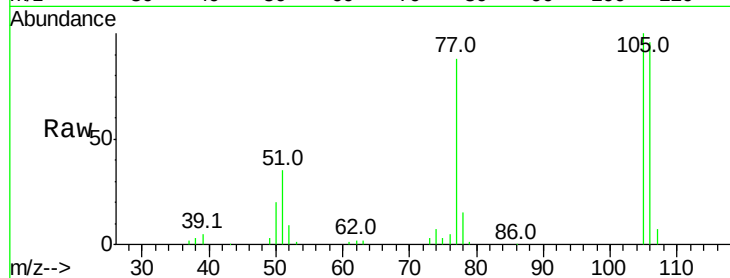
77 100

105 113.4 81.1 121.1

106 108.8 74.5 114.5

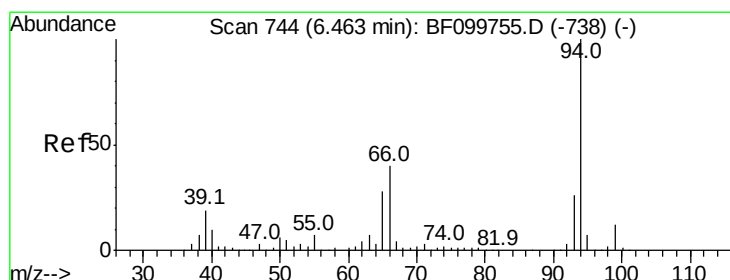
Manual Integrations

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#10

Phenol

Concen: 25.987 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

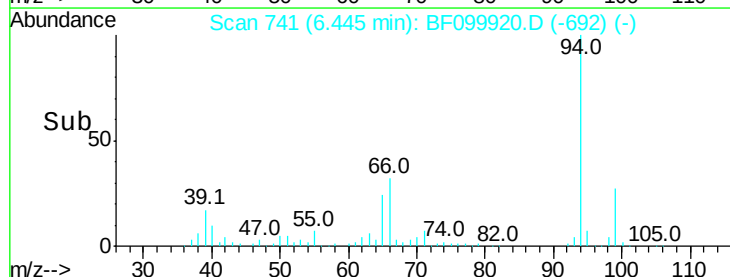
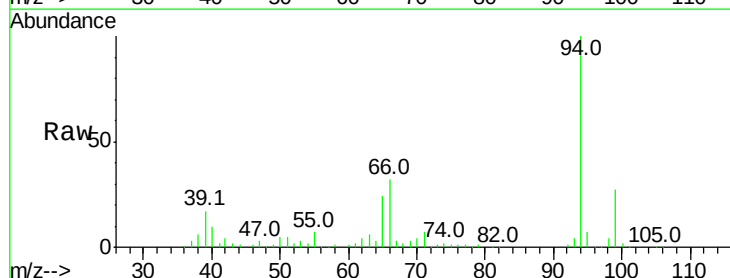
Tgt Ion: 94 Resp: 202567

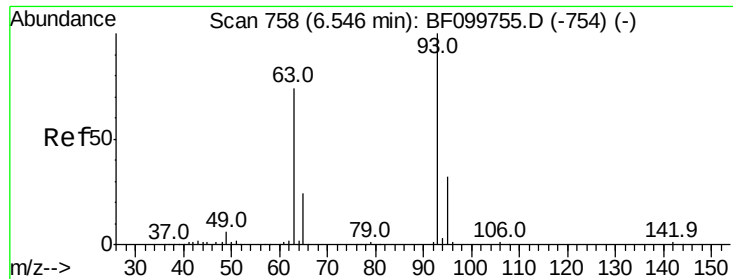
Ion Ratio Lower Upper

94 100

65 24.3 7.9 47.9

66 32.1 16.2 56.2



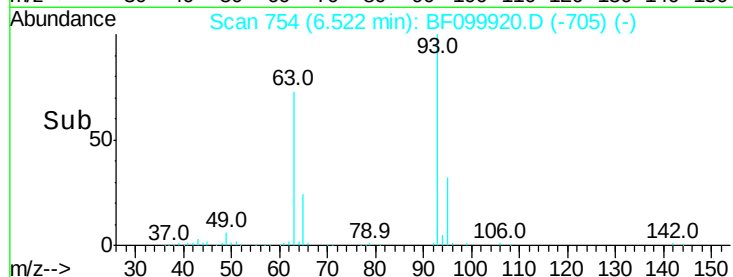
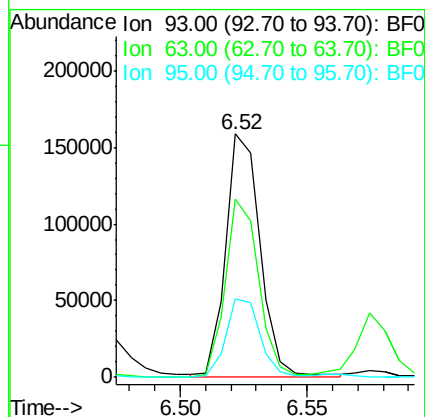
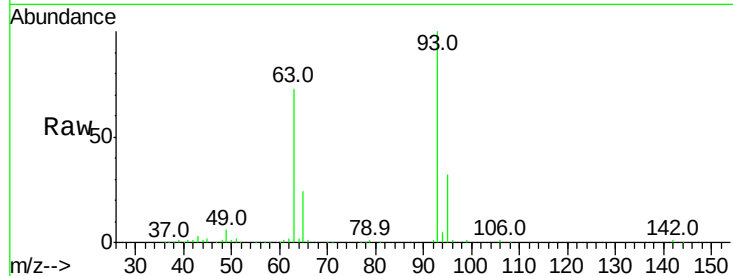


#11
bis(2-Chloroethyl)ether
Concen: 25.049 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

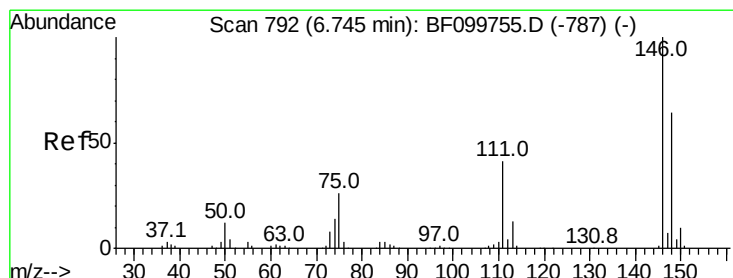
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	58.6	98.6
95	32.1	11.8	51.8

Manual Integrations
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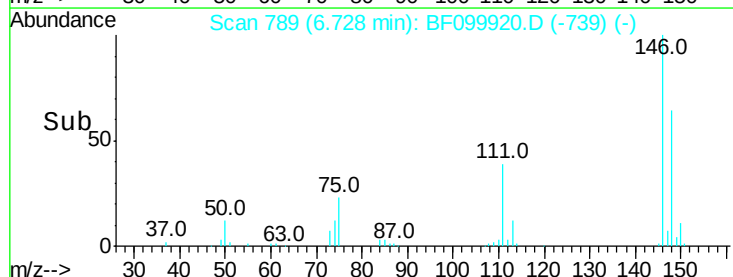
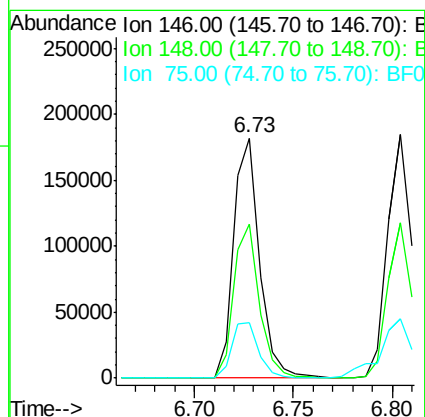
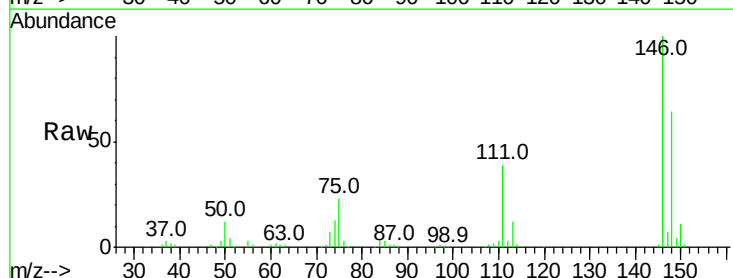
Sohil

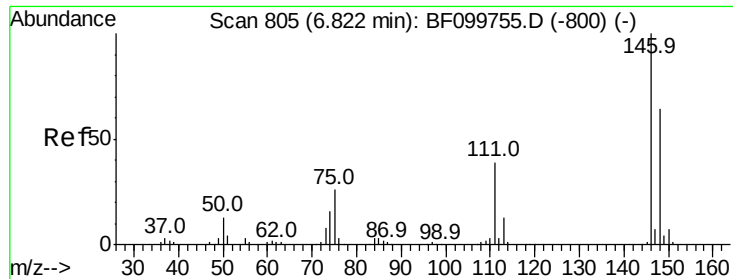
10/30/2017 6:20:23 PM



#12
1,3-Dichlorobenzene
Concen: 23.337 ng m
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	22.9	24.2	36.4#



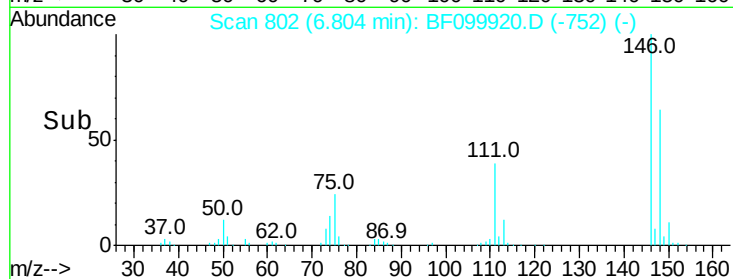
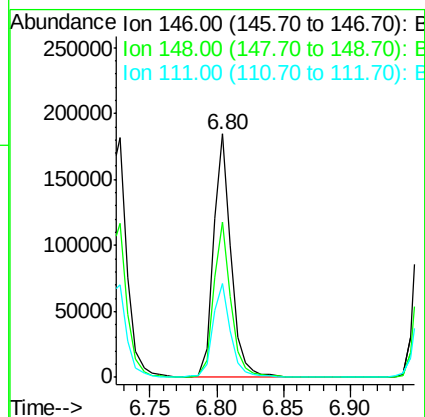
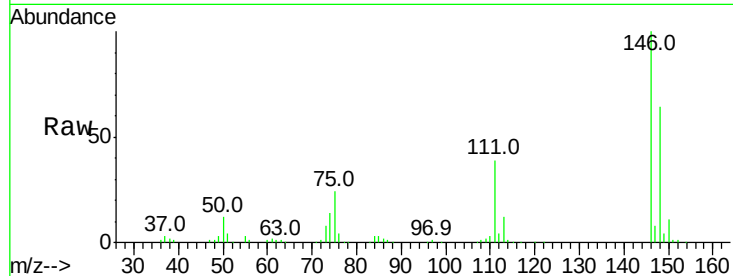


#13
 1,4-Dichlorobenzene
 Concen: 23.435 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

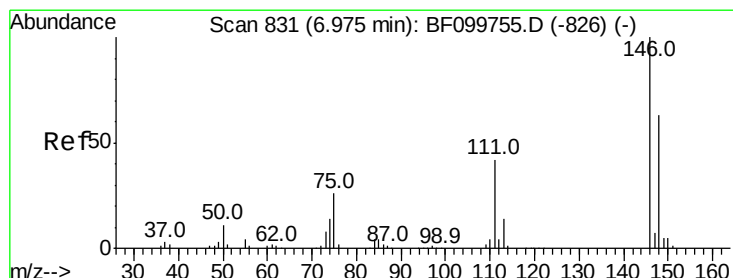
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	38.7	34.2	51.2

Manual Integrations
 APPROVED



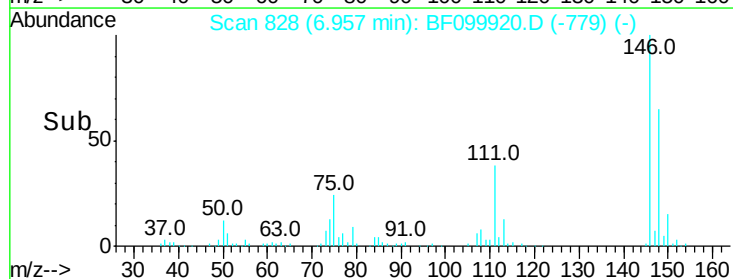
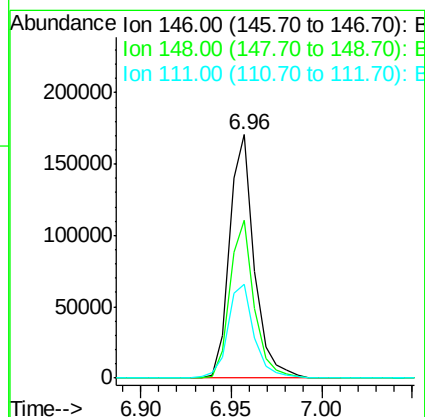
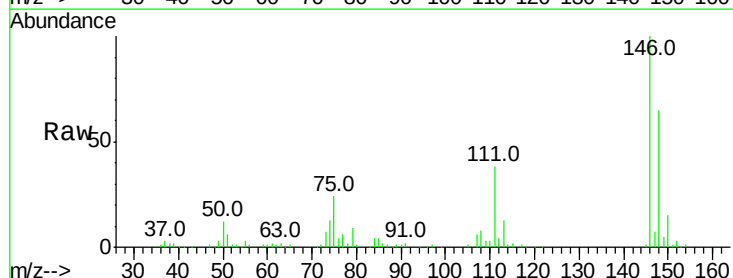
Sohil

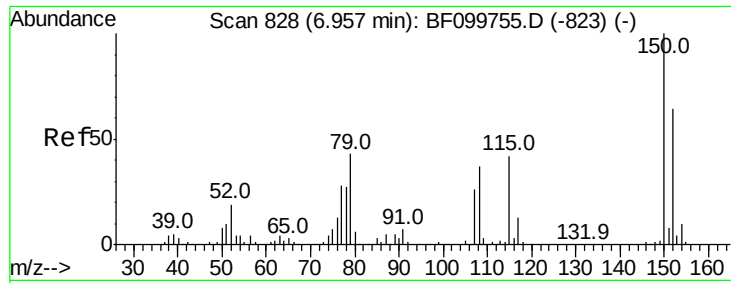
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#14
 1,2-Dichlorobenzene
 Concen: 24.342 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	38.3	36.0	54.0



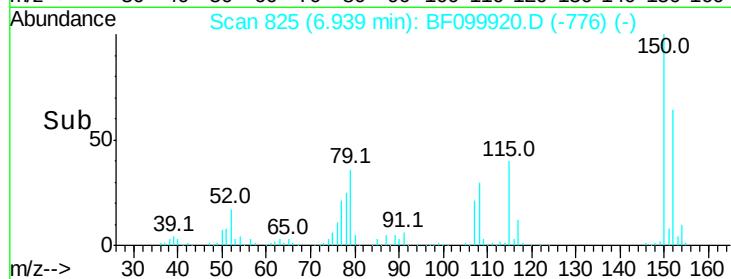
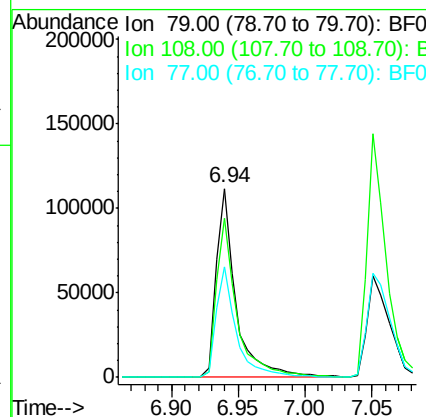
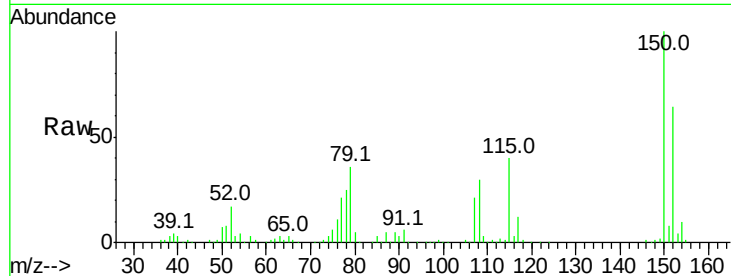


#15
Benzyl Alcohol
Concen: 25.972 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

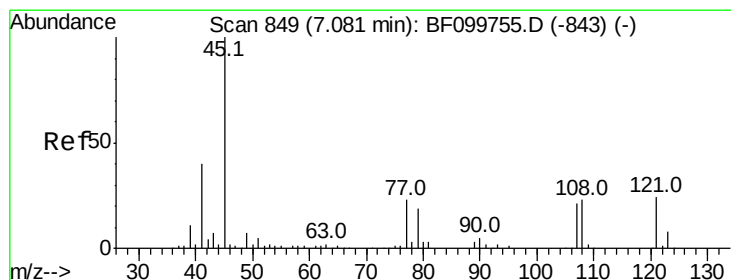
Tot Ion	Ratio	Lower	Upper
79	100		
108	84.4	65.1	97.7
77	58.9	50.6	75.8

Manual Integrations
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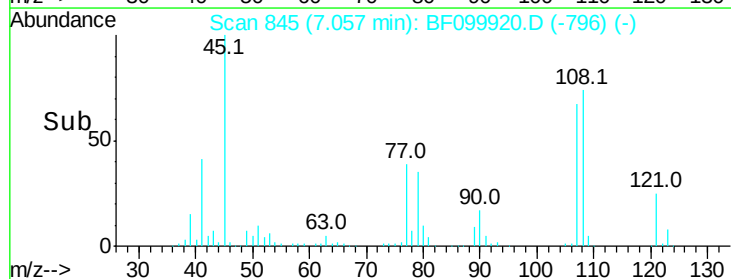
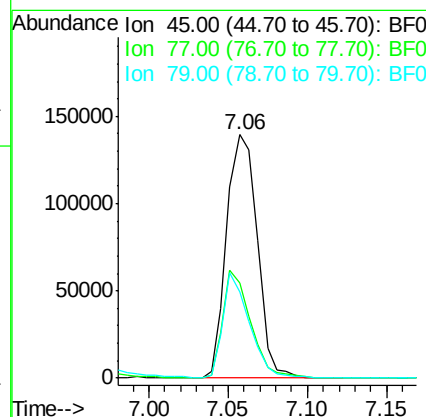
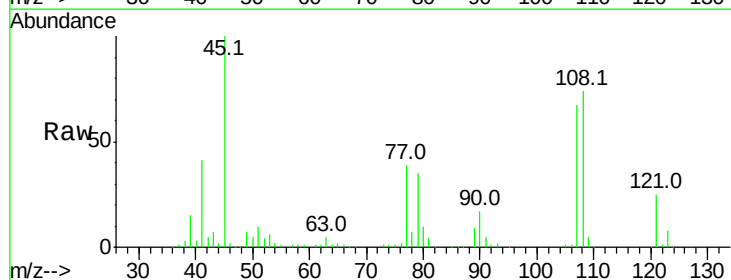
Sohil

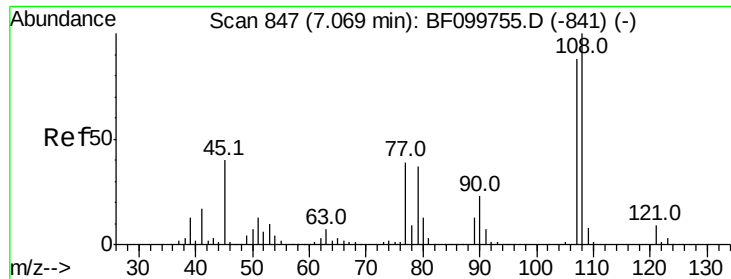
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.985 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.1	0.0	32.9#
79	35.2	0.0	29.6#



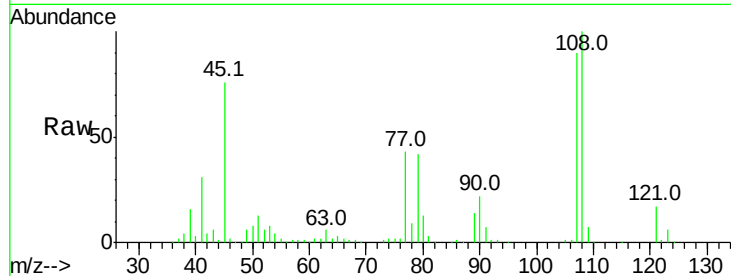


#17
2-Methylphenol
Concen: 24.193 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

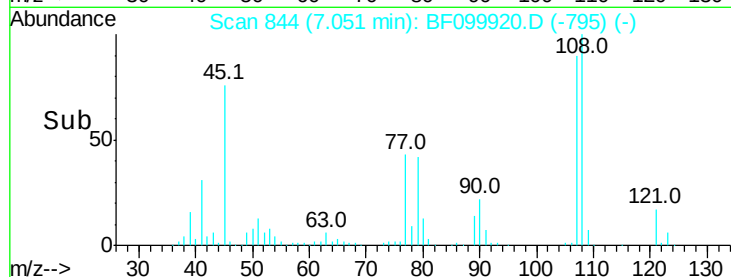
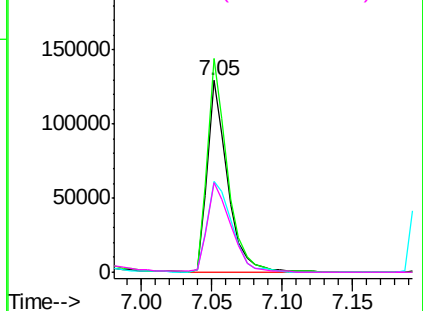
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	47.7	33.8	50.8
79	46.7	33.8	50.8

Manual Integrations
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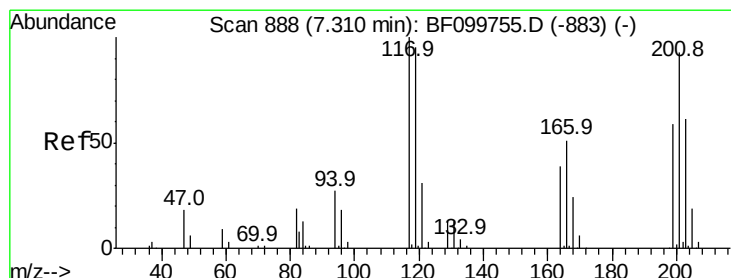


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



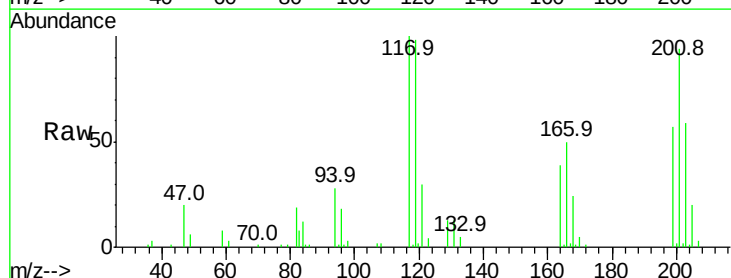
Sohil

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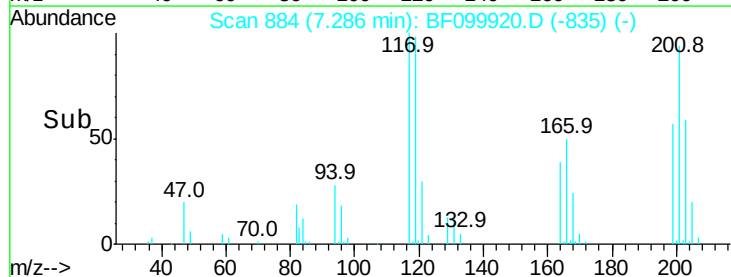
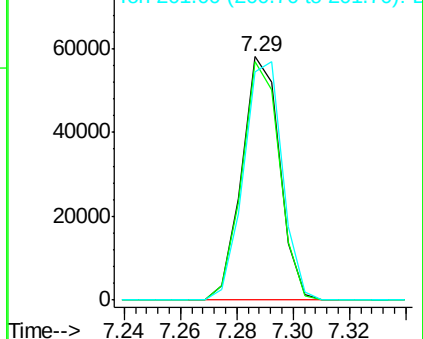


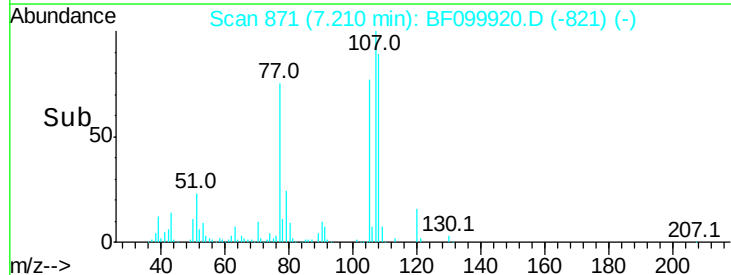
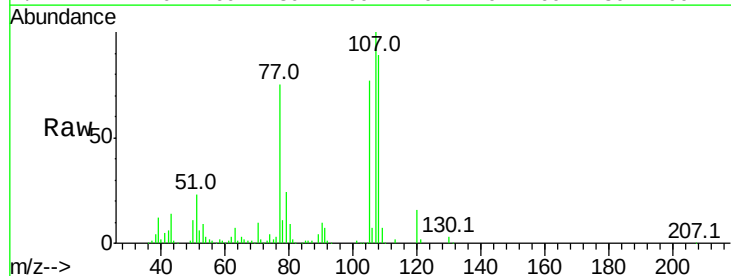
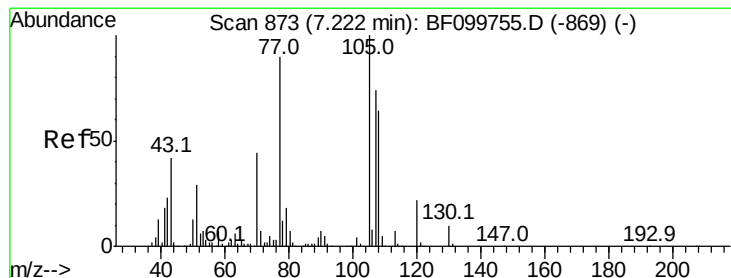
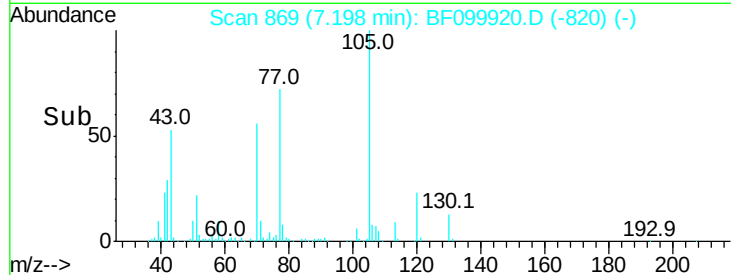
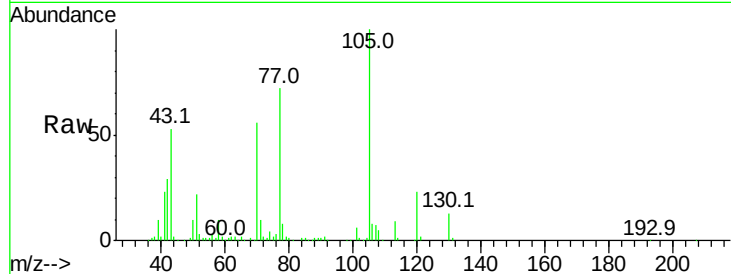
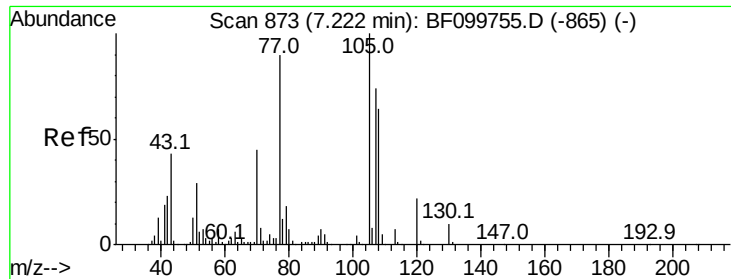
#18
Hexachloroethane
Concen: 22.194 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	93.8	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: 24.824 ng

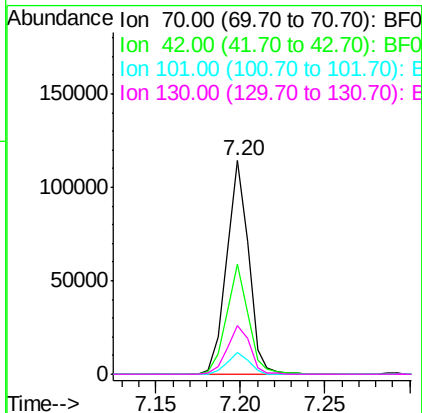
RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	47.5	71.3	
101	10.2	7.4	11.2	
130	22.8	16.6	25.0	



Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Manual Integrations
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Sohil

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#20

3+4-Methylphenols

Concen: 26.982 ng

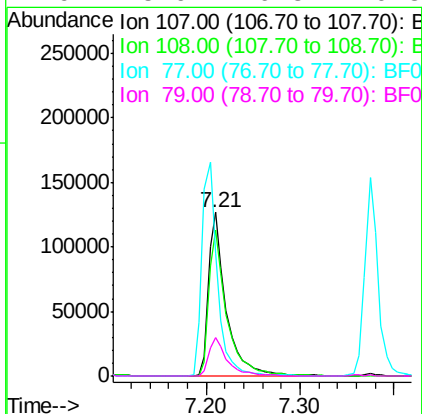
RT: 7.21 min Scan# 871

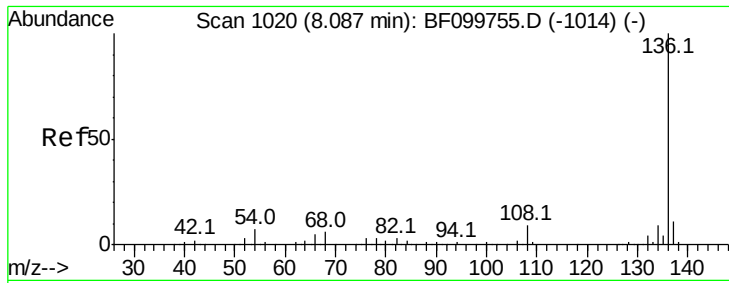
Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.2	108.2	
77	74.8	26.7	66.7#	
79	23.9	6.3	46.3	



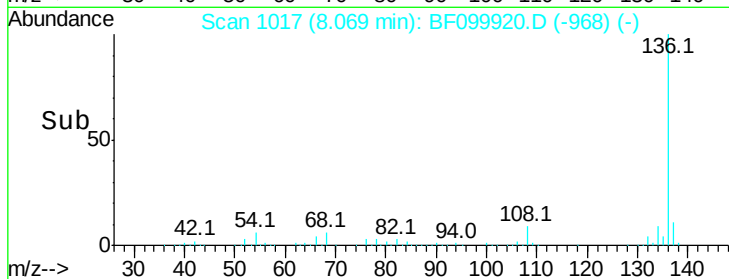
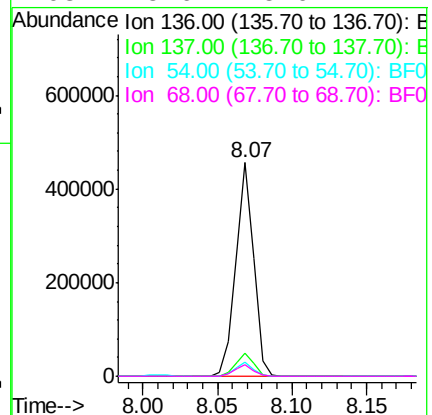
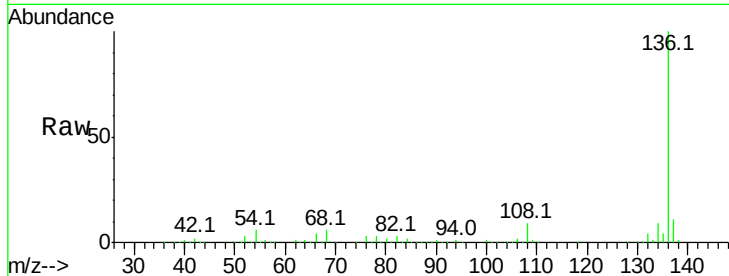


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

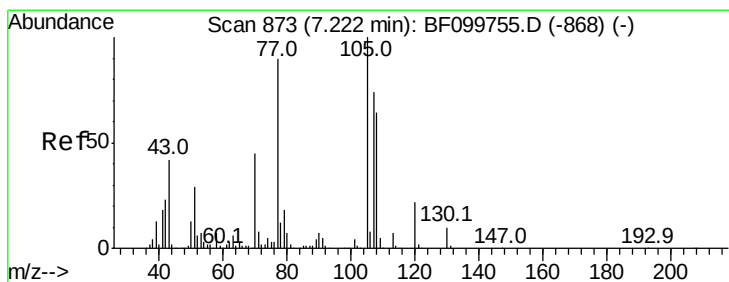
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.4	6.6	9.8	
68	5.6	5.0	7.4	

Manual Integrations
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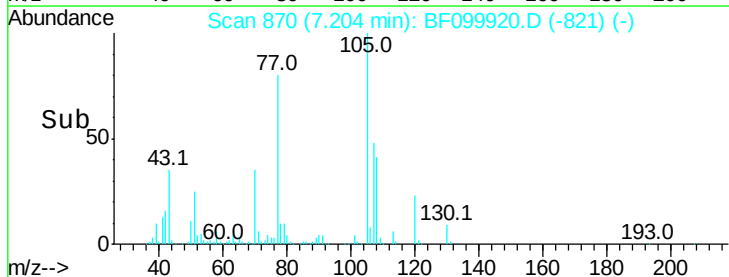
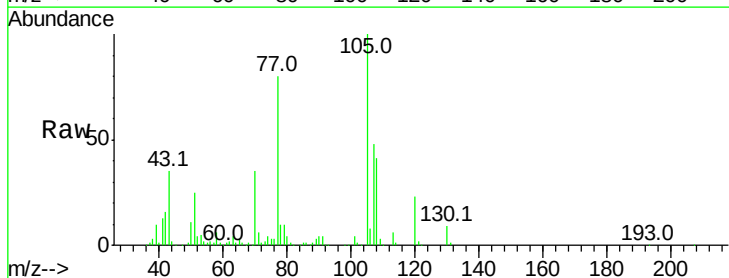
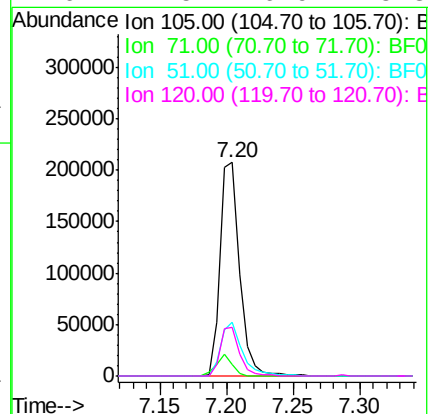
Sohil

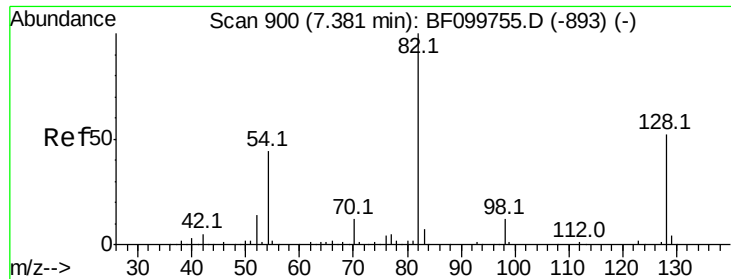
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#22
Acetophenone
Concen: 24.282 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	4.4	6.6	
51	25.2	22.3	33.5	
120	22.5	16.9	25.3	



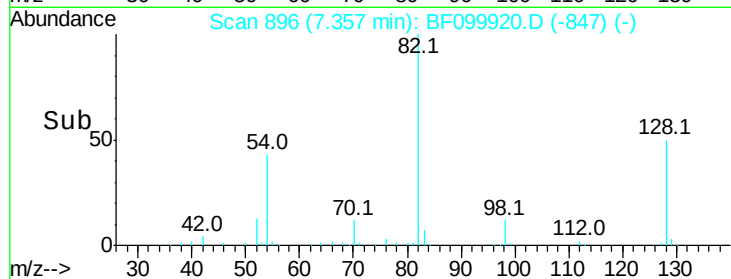
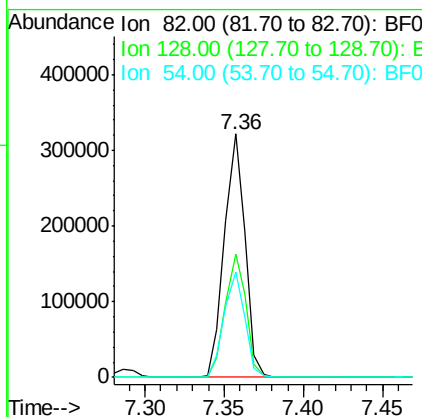
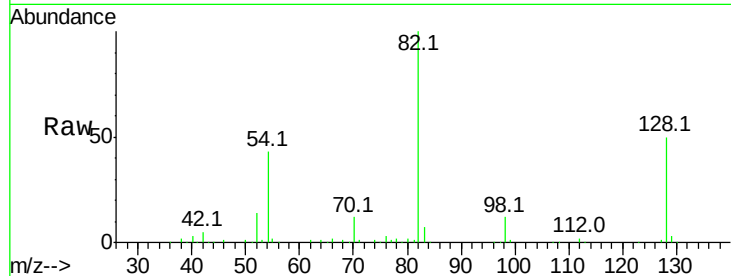


#23
 Nitrobenzene-d5
 Concen: 48.080 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

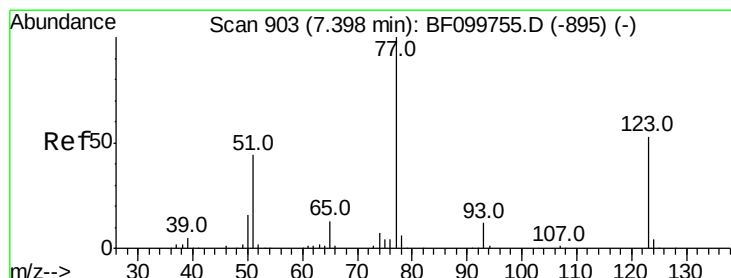
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.1	41.4	62.2

Manual Integrations
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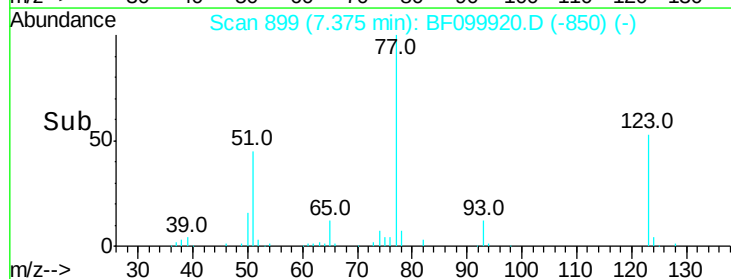
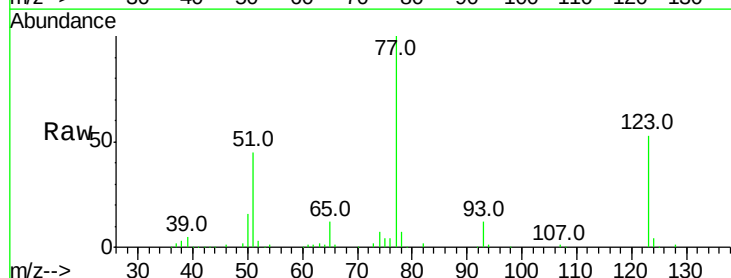
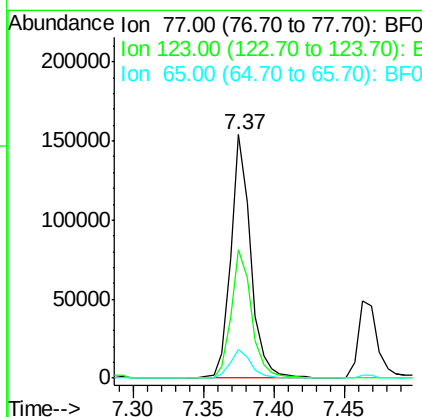
Sohil

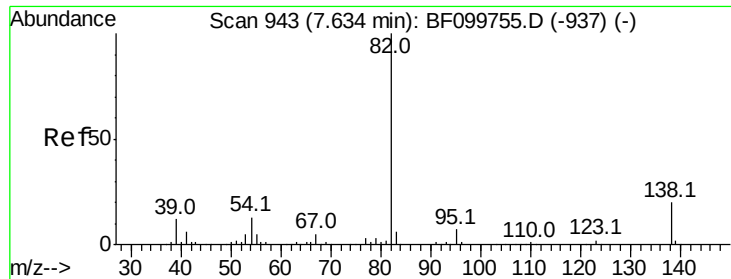
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#24
 Nitrobenzene
 Concen: 24.717 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	37.9	56.9
65	12.0	11.0	16.4



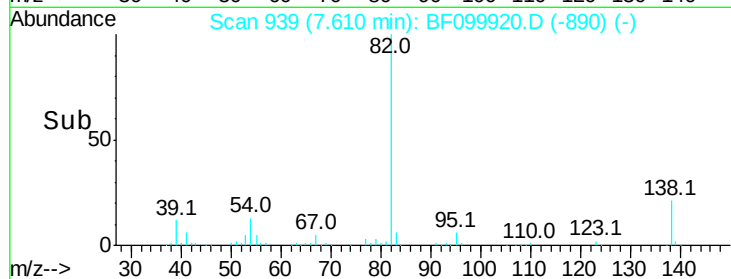
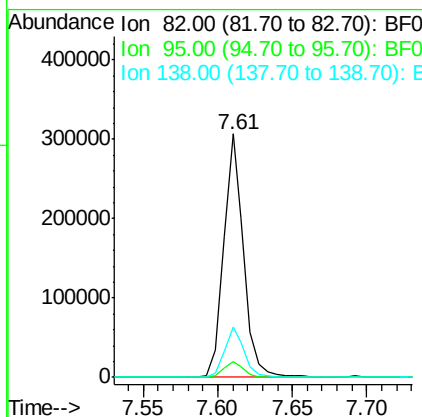
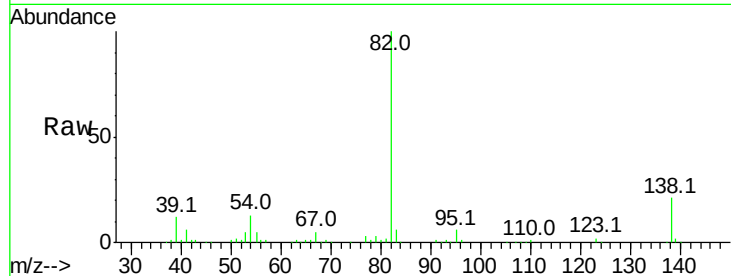


#25
Isophorone
Concen: 26.185 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

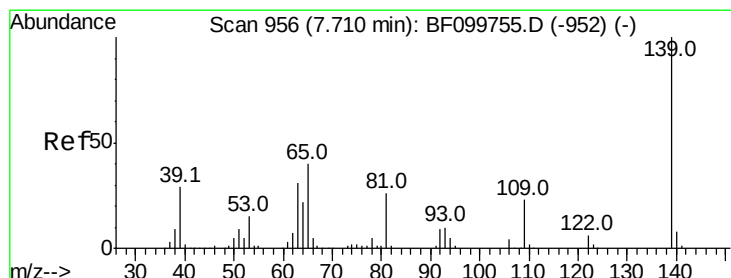
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.2	7.8	
138	20.6	14.9	22.3	

Manual Integrations
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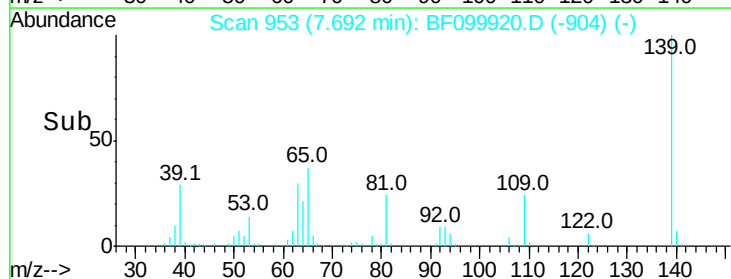
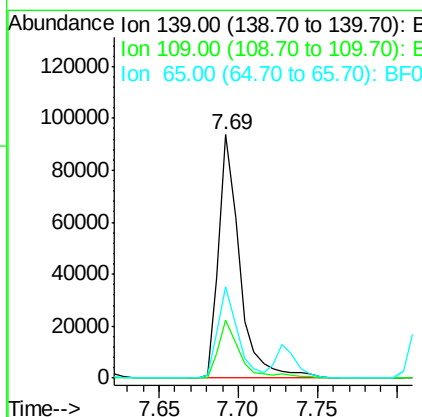
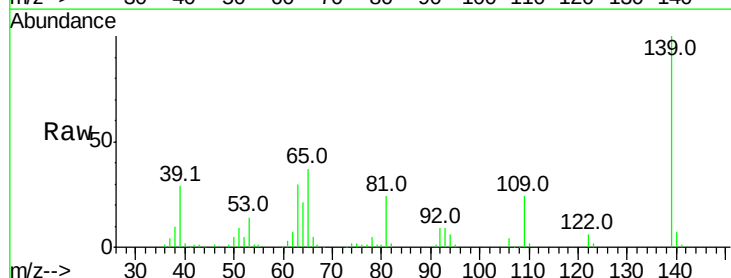
Sohil

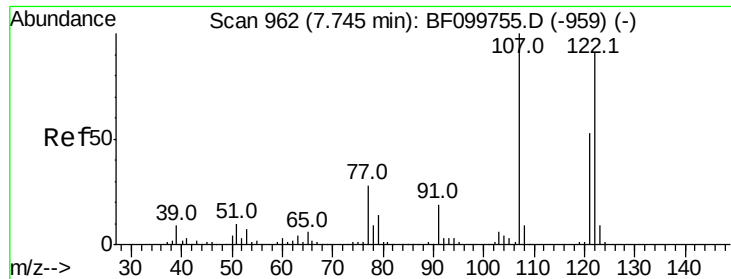
10/30/2017 6:20:23 PM



#26
2-Nitrophenol
Concen: 24.740 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.7	22.7	34.1	
65	37.4	40.5	60.7	



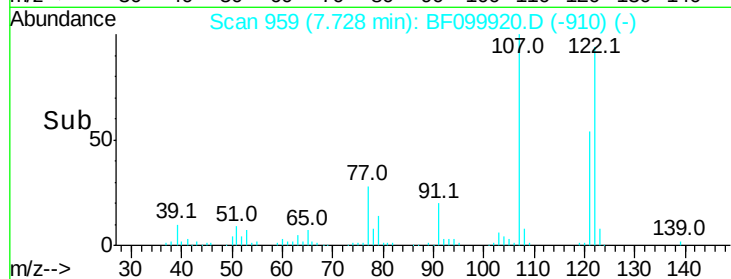
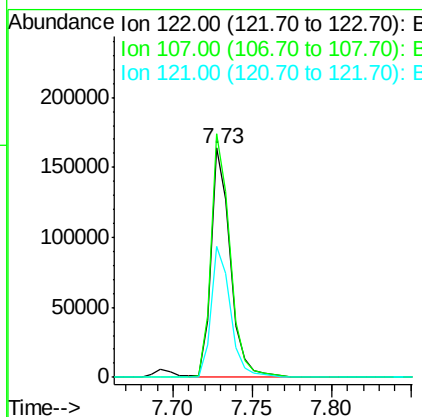
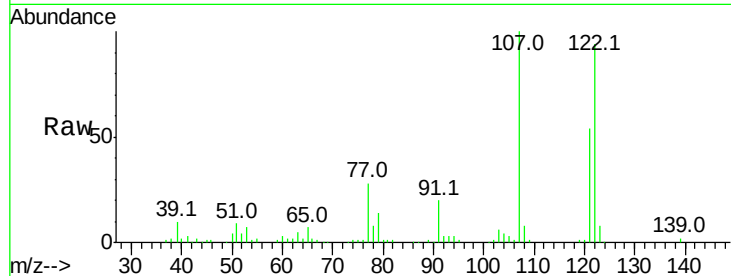


#27
2,4-Dimethylphenol
Concen: 27.175 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

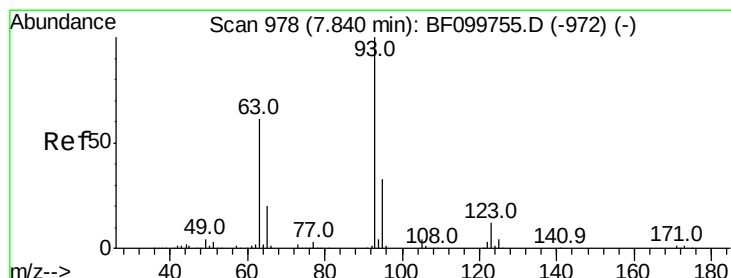
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.1	91.2	136.8
121	57.1	47.2	70.8

Manual Integrations
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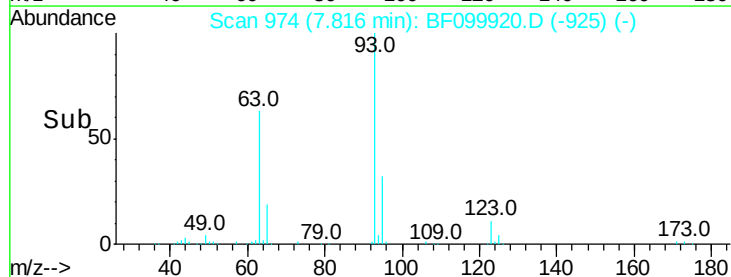
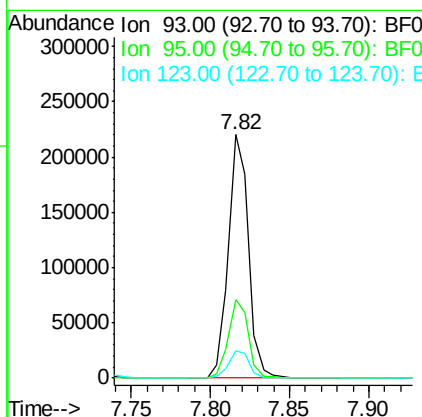
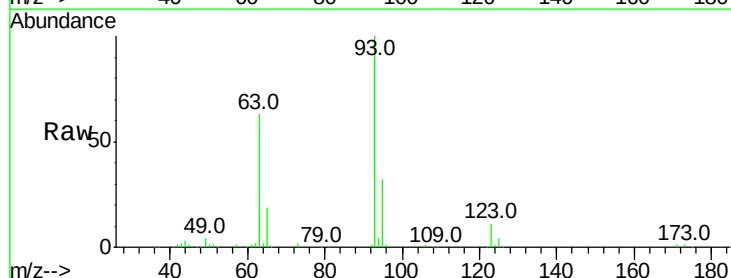
Sohil

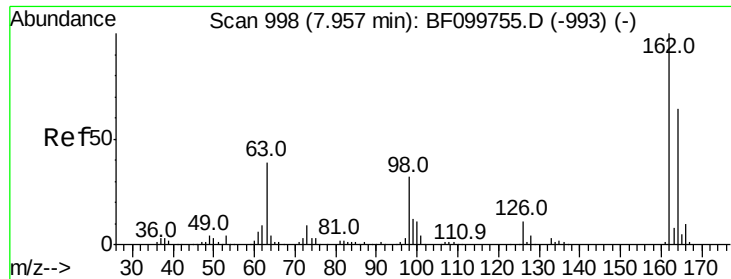
10/30/2017 6:20:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 25.109 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6



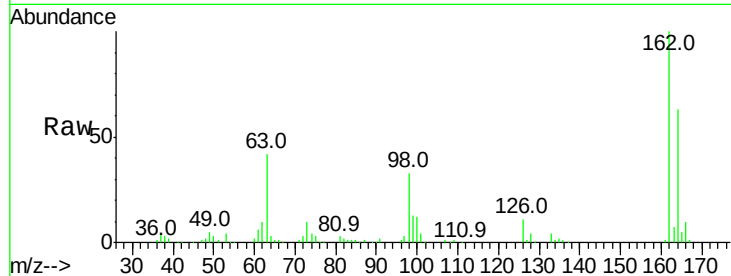


#29
 2,4-Dichlorophenol
 Concen: 25.973 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

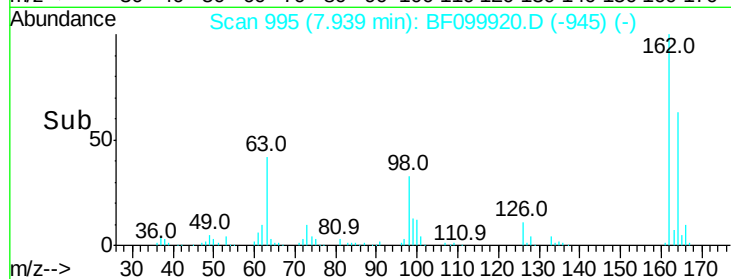
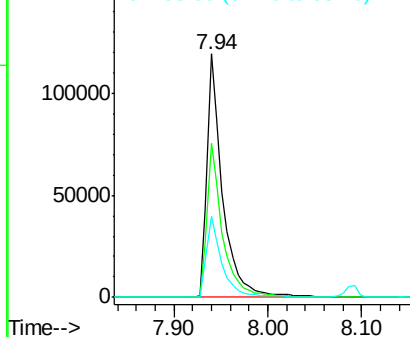
Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	139073		
164	63.4	42.7	82.7	
98	33.4	18.1	58.1	

Manual Integrations
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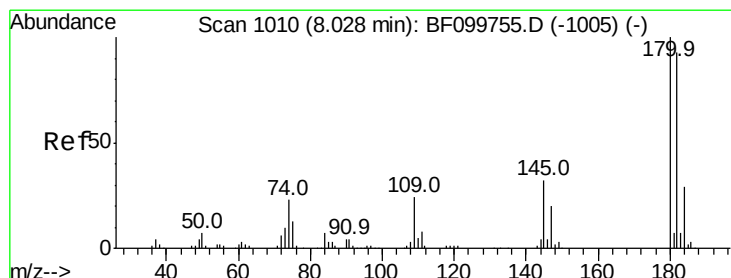


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



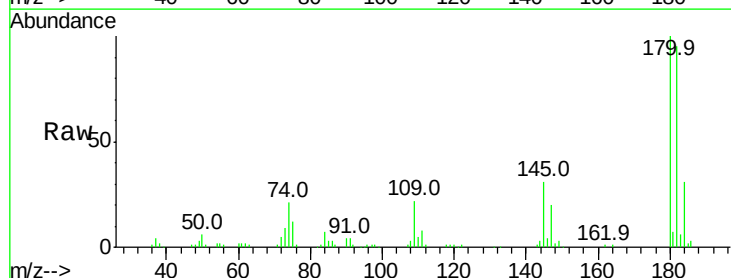
Sohil

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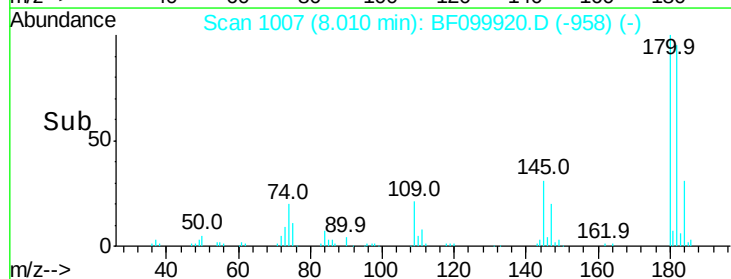
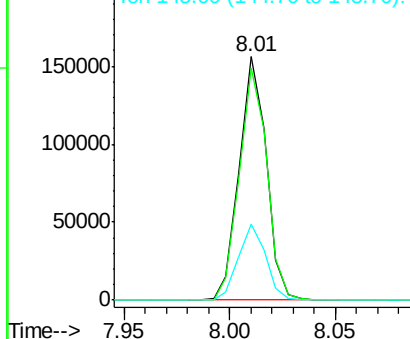


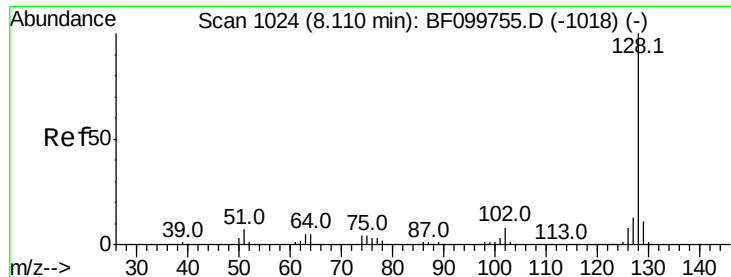
#30
 1,2,4-Trichlorobenzene
 Concen: 24.285 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138937		
182	95.2	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



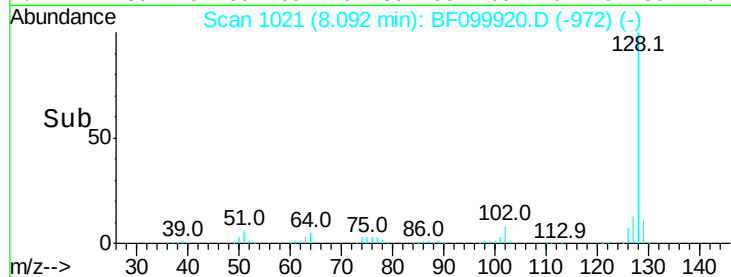
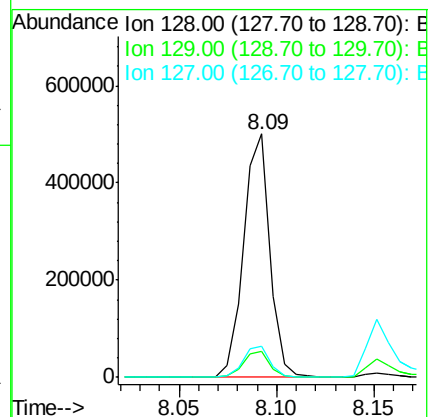
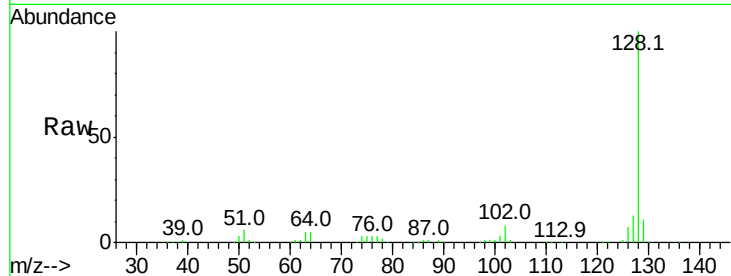


#31
Naphthalene
Concen: 24.677 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

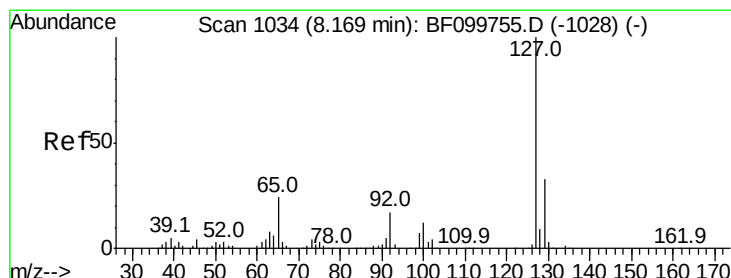
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.9	16.3

Manual Integrations
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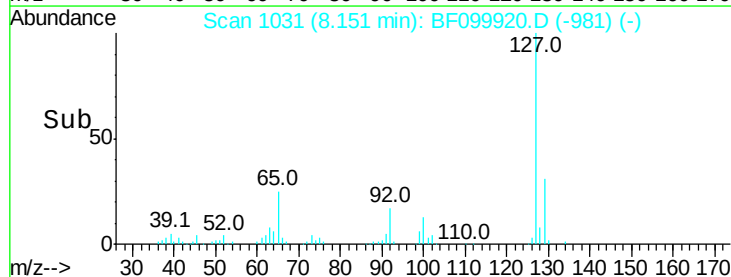
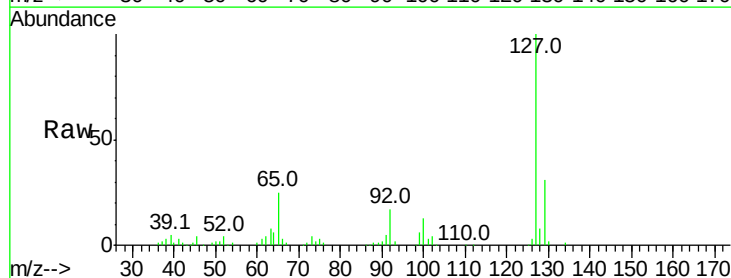
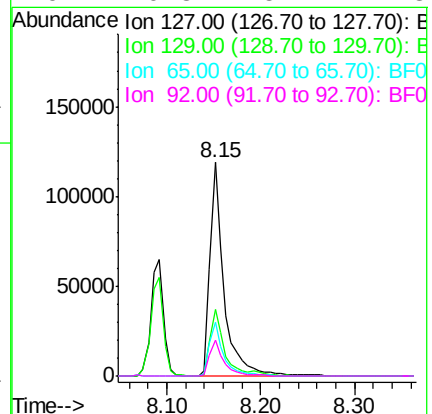
Sohil

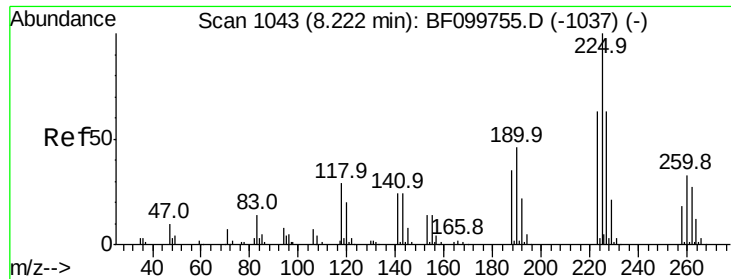
10/30/2017 6:20:23 PM



#33
4-Chloroaniline
Concen: 15.921 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	25.0	25.0	37.4
92	16.8	15.2	22.8



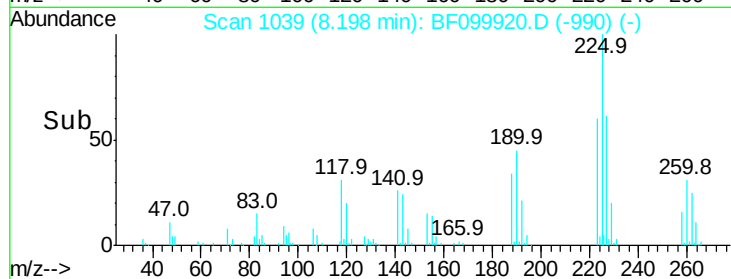
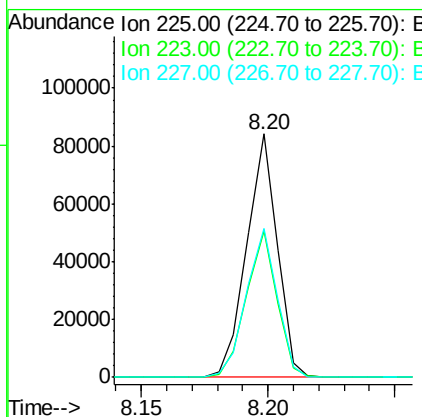
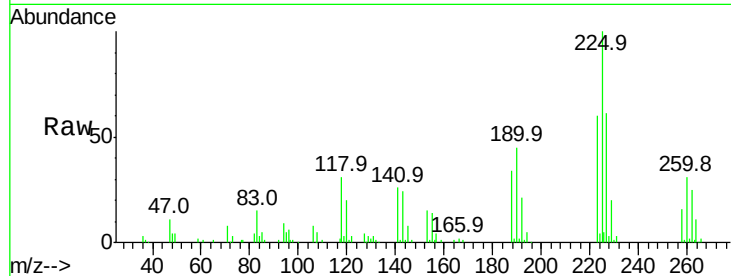


#34
Hexachlorobutadiene
Concen: 24.081 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

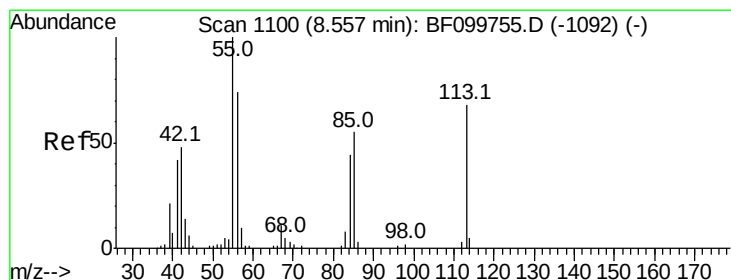
Tot Ion:	225	Resp:	70865
Ion Ratio	Lower	Upper	
225	100		
223	60.0	50.6	76.0
227	60.9	51.9	77.9

Manual Integrations
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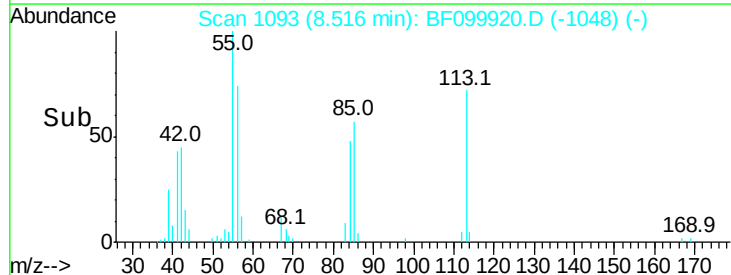
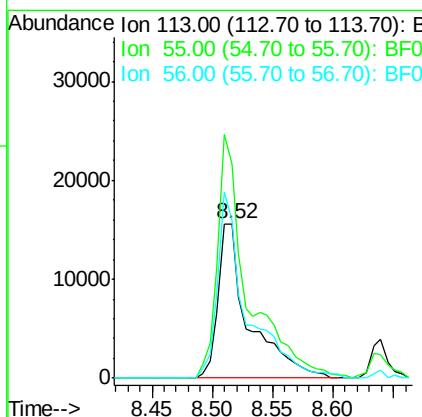
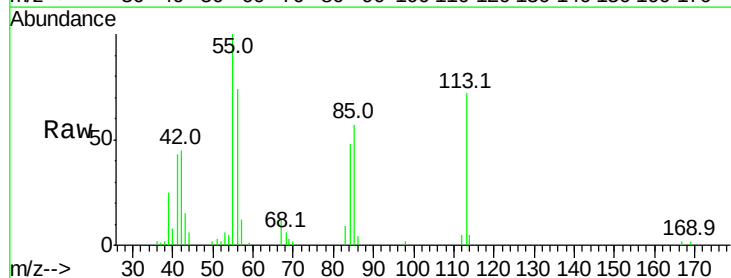
Sohil

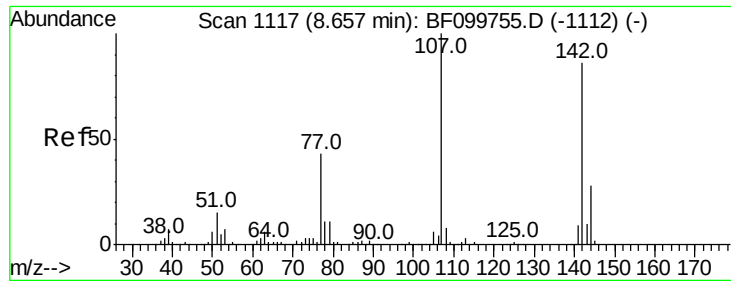
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#35
Caprolactam
Concen: 16.495 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:	113	Resp:	27775
Ion Ratio	Lower	Upper	
113	100		
55	138.8	163.3	203.3#
56	102.1	115.7	155.7#



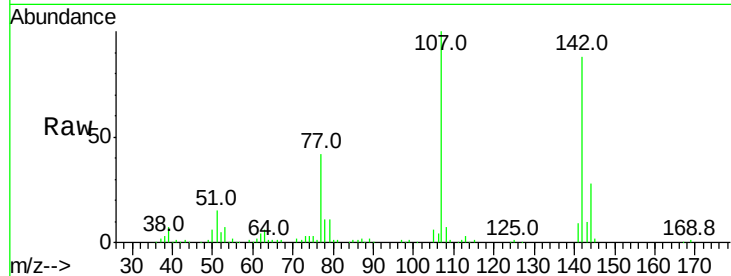


#36
4-Chloro-3-methylphenol
Concen: 24.555 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.3	20.5	30.7
142	87.8	62.0	93.0

Manual Integrations
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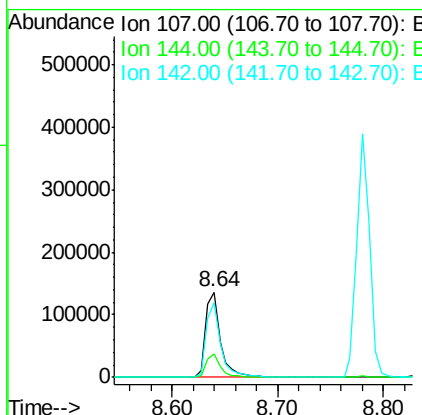
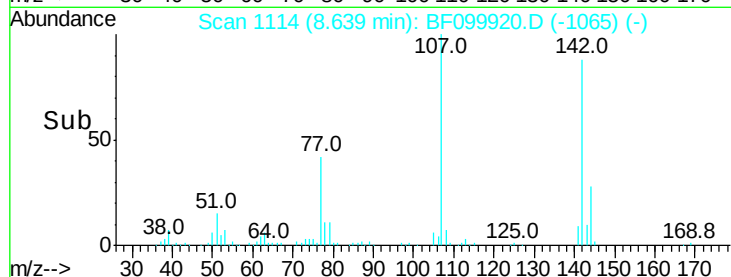


Abundance

Ion 107.00 (106.70 to 107.70): E

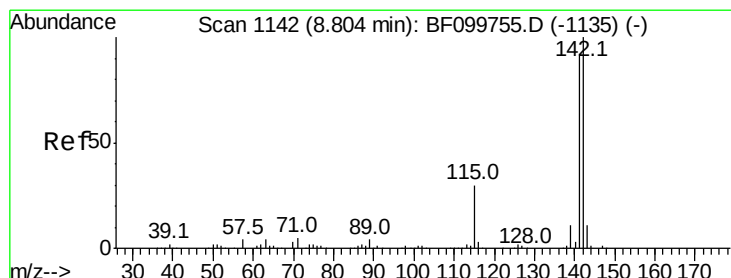
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



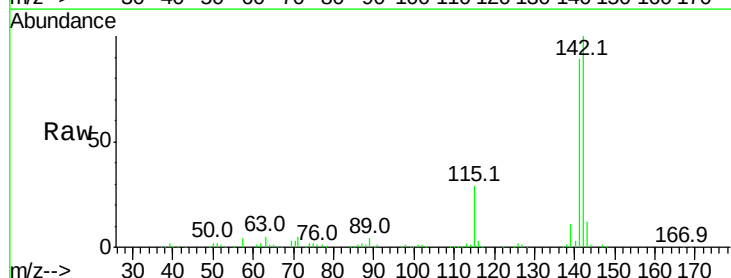
Sohil

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#37
2-Methylnaphthalene
Concen: 25.714 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	29.4	26.1	39.1

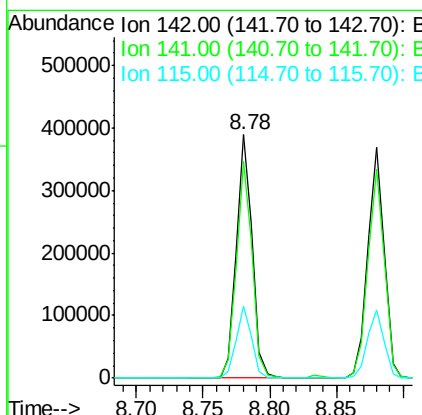
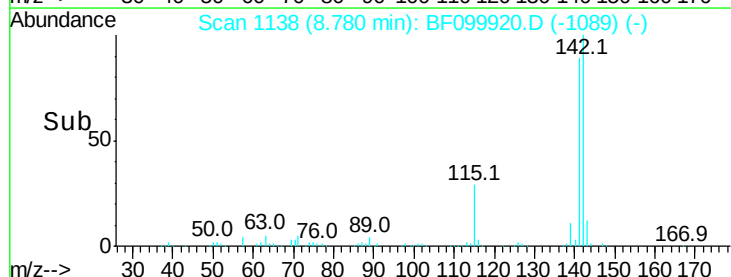


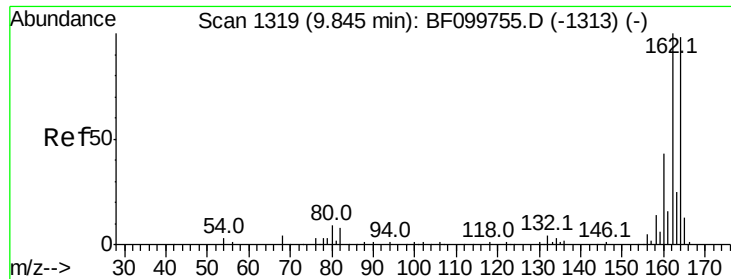
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



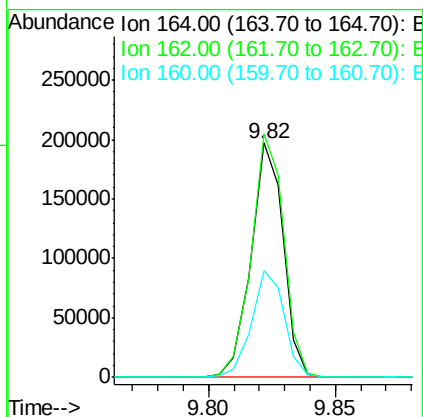
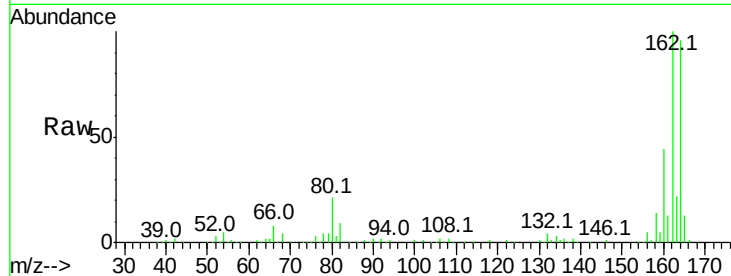


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

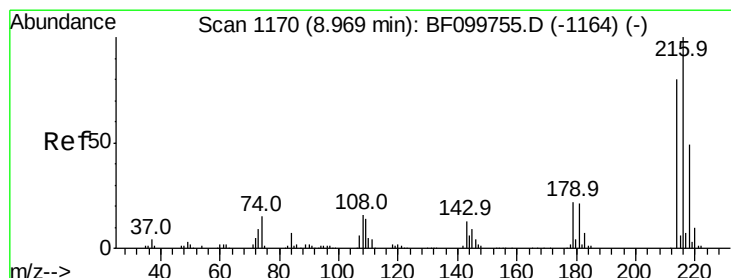
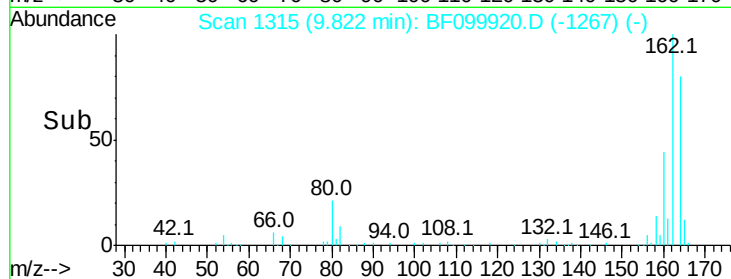
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.3	38.3	57.5

Manual Integrations
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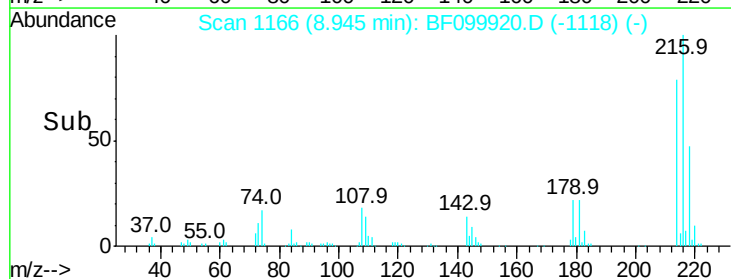
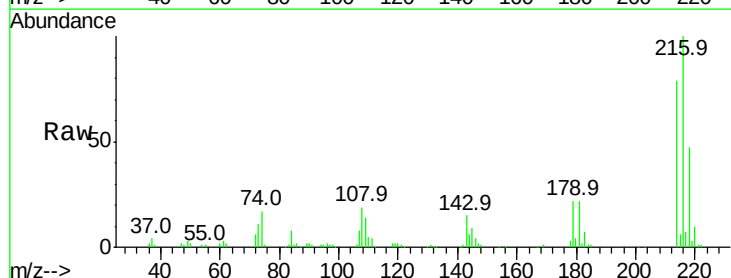
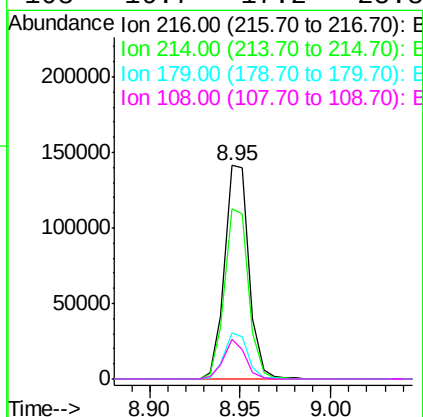
Sohil

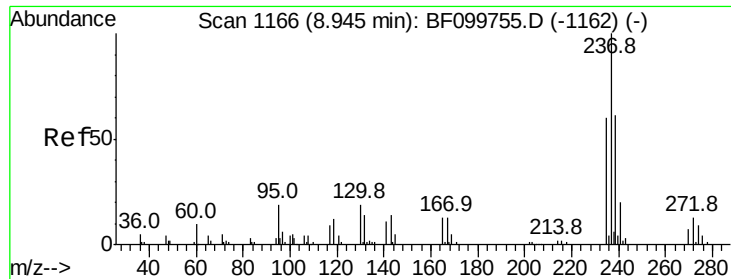
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.575 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.1	18.1	27.1
108	16.7	17.2	25.8#



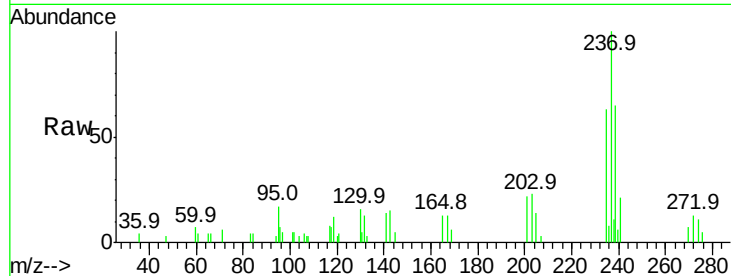


#40
Hexachlorocyclopentadiene
Concen: 18.122 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

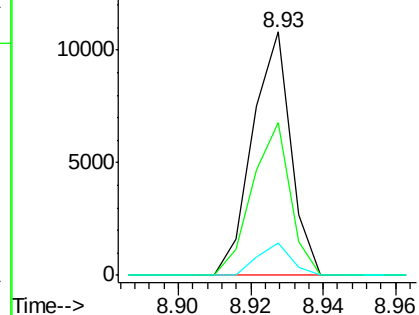
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	7987		
235	62.7		44.8	84.8
272	13.1		0.0	33.3

Manual Integrations
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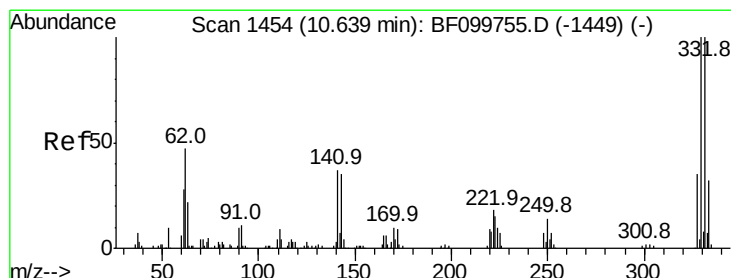


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



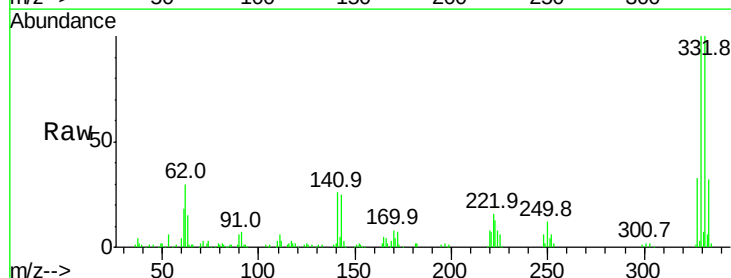
Sohil

10/30/2017 6:20:23 PM

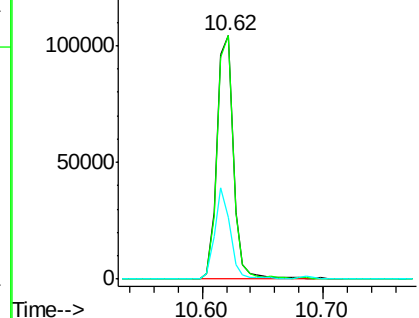


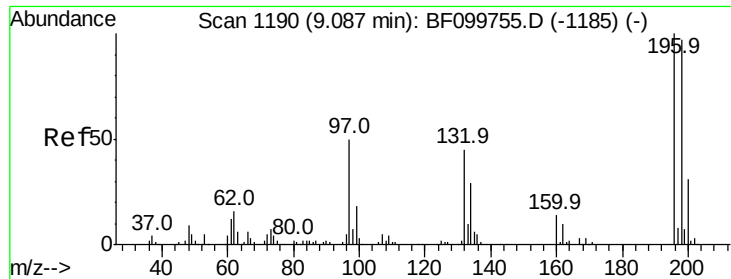
#41
2,4,6-Tribromophenol
Concen: 61.292 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97650		
332	98.7		77.0	115.6
141	35.5		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



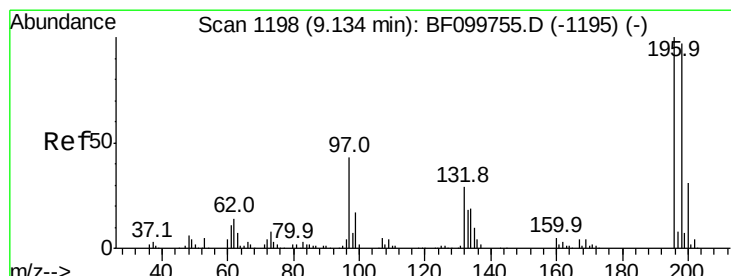
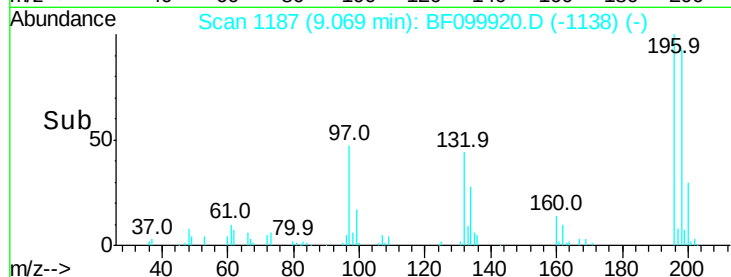
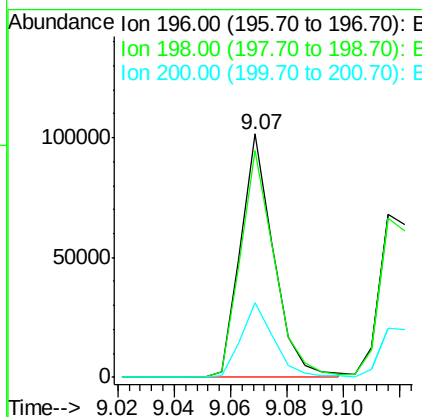
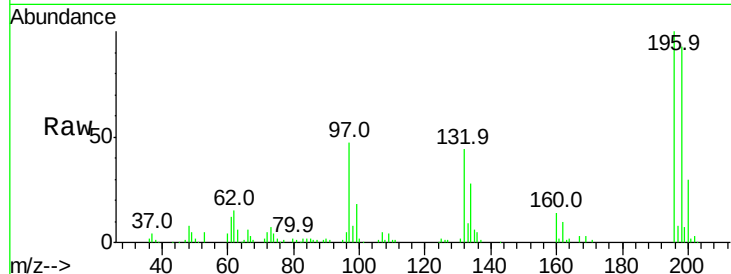


#42
 2,4,6-Trichlorophenol
 Concen: 24.341 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

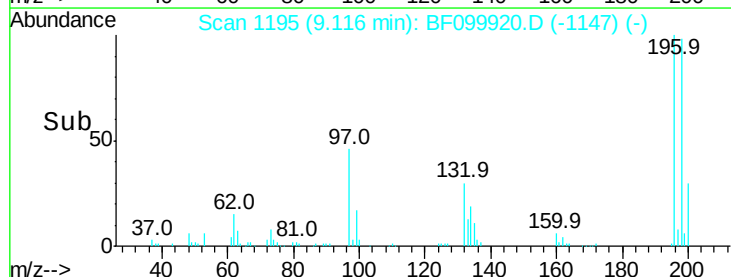
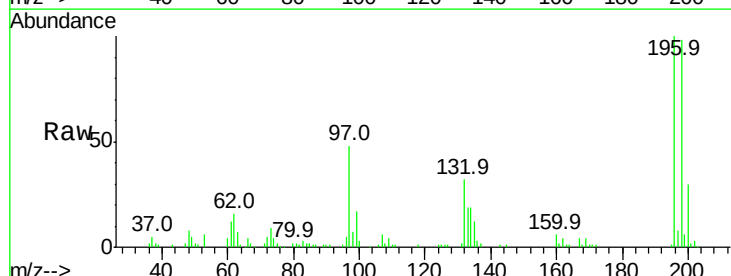
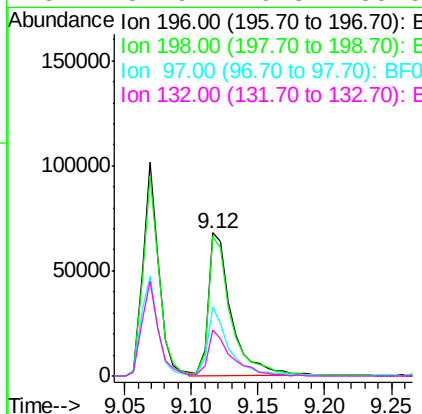
Tot Ion:	196	Resp:	83133
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.7	113.5
200	30.4	24.5	36.7

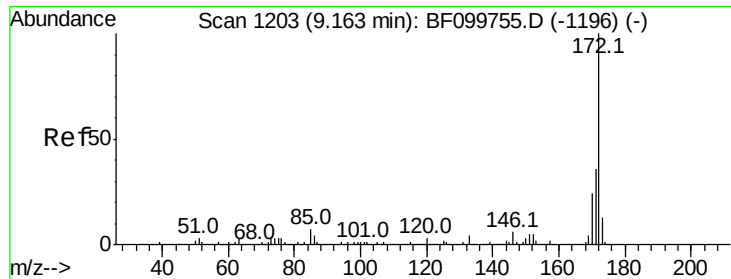
Manual Integrations
 APPROVED



#43
 2,4,5-Trichlorophenol
 Concen: 22.570 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:	196	Resp:	81803
Ion Ratio	Lower	Upper	
196	100		
198	97.6	74.6	112.0
97	48.1	42.9	64.3
132	31.9	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 52.443 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

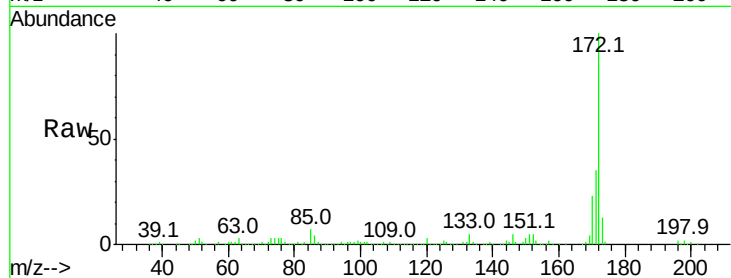
BNA_F

ClientSampleId :

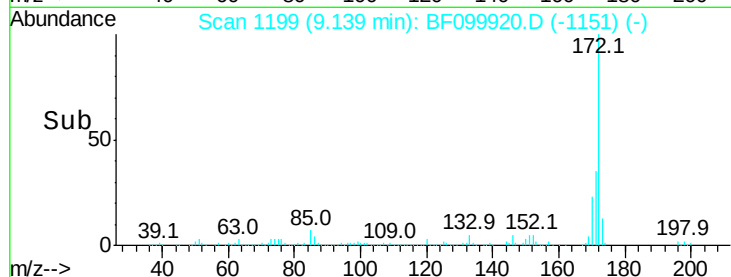
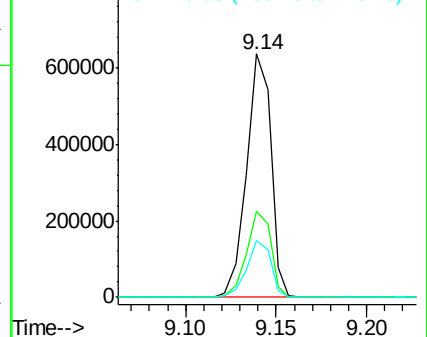
FILL-PILE-1-COMP-1MS

Tot Ion:	172	Resp:	594244
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.7	44.5
170	23.1	19.6	29.4

Manual Integrations
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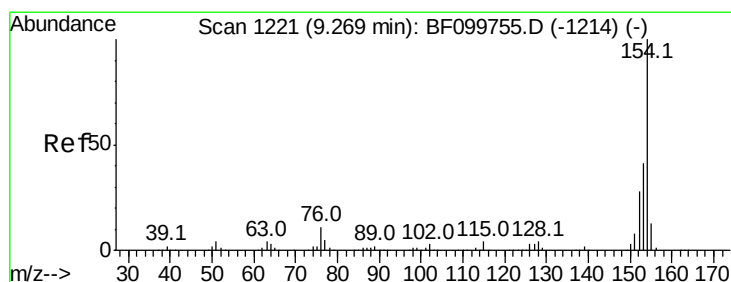


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 23.836 ng

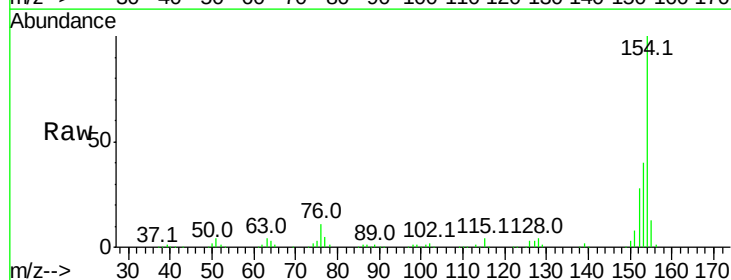
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

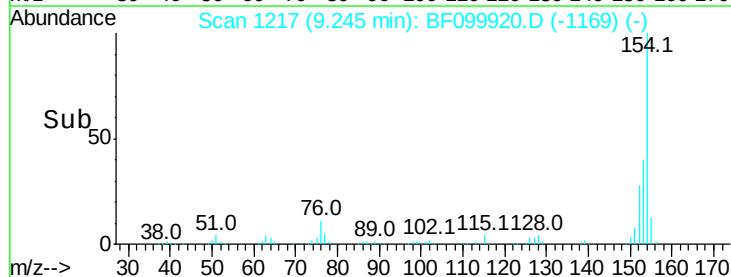
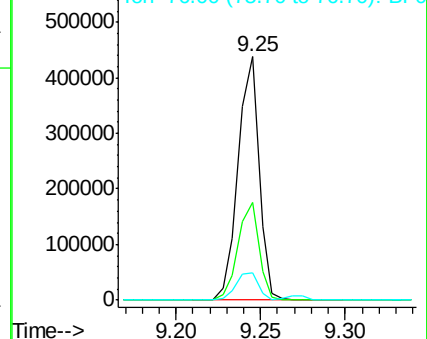
Lab File: BF099920.D

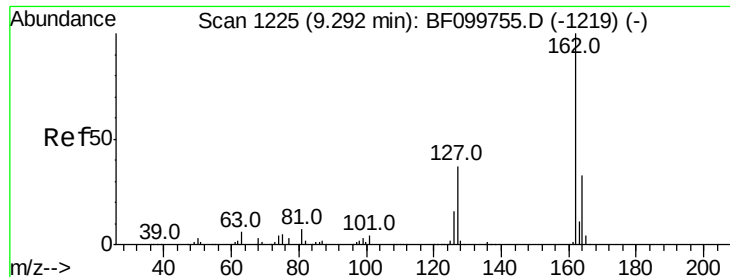
Acq: 28 Oct 2017 16:35

Tgt Ion:	154	Resp:	376973
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	11.2	0.0	34.0



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



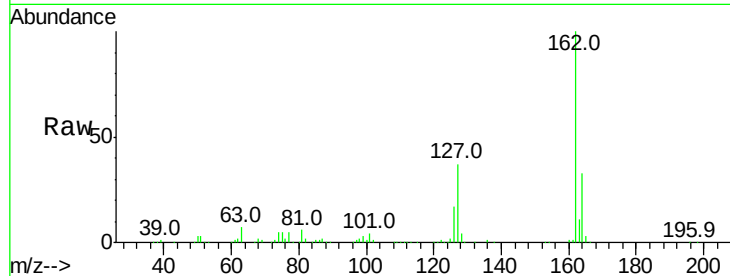


#46
2-Chloronaphthalene
Concen: 25.242 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

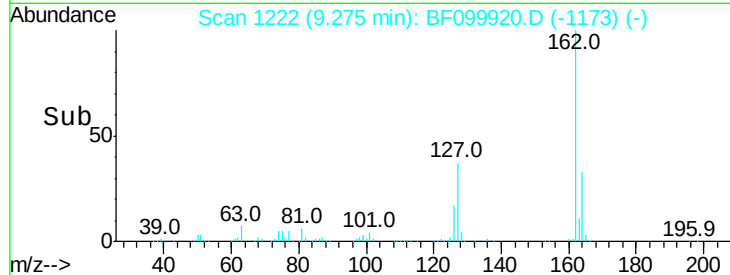
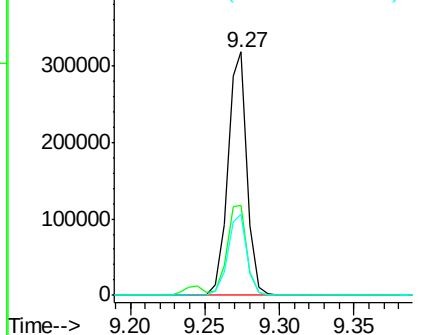
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	289917		
127	37.0		33.9	50.9
164	33.3		26.5	39.7

Manual Integrations
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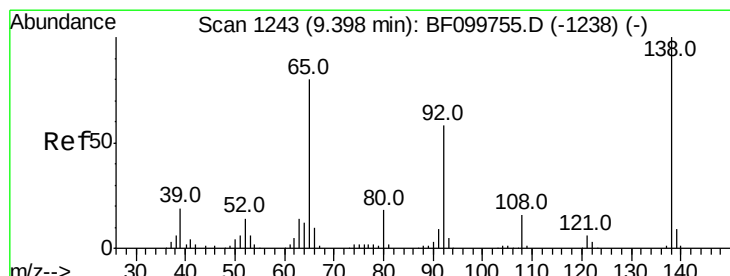


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



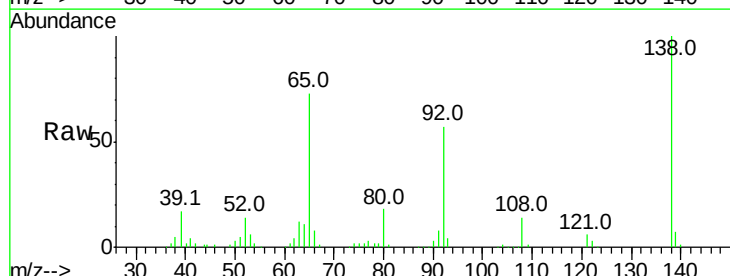
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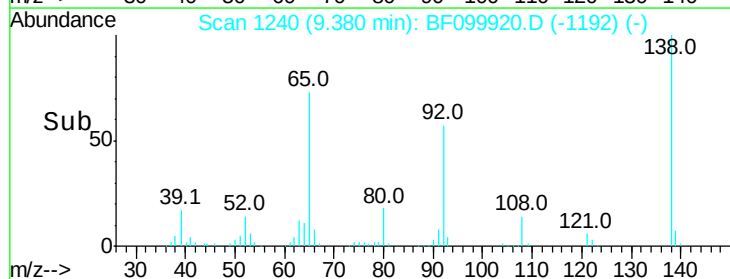
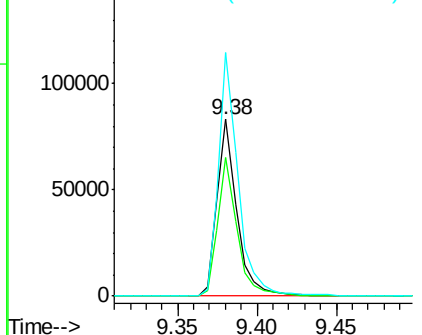


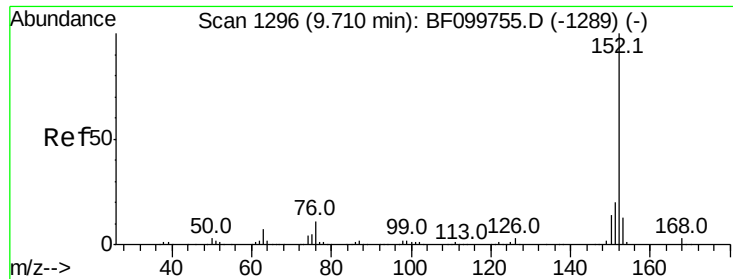
#47
2-Nitroaniline
Concen: 24.025 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	72423		
92	78.6		55.8	83.6
138	137.7		91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 24.089 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

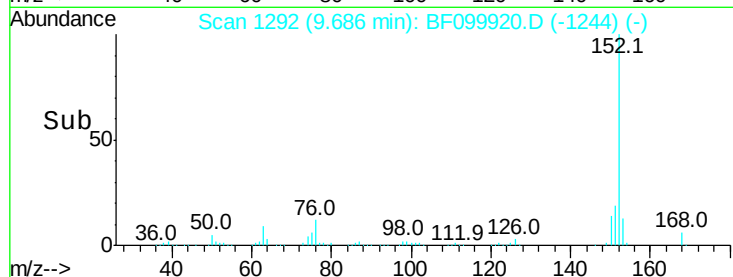
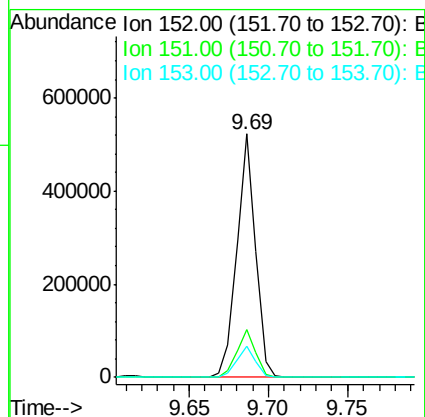
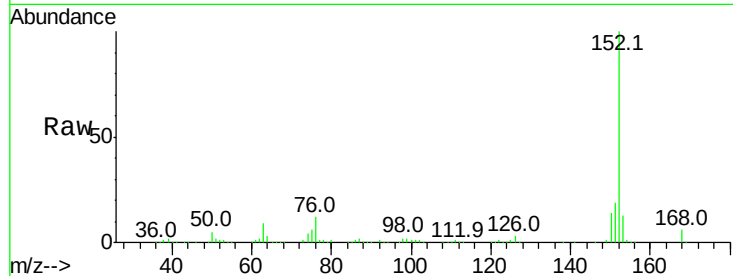
BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

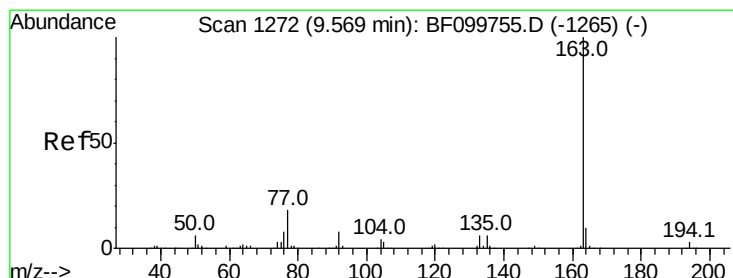
Tot Ion:	152	Resp:	426142
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.3	24.5
153	12.8	10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 31.866 ng

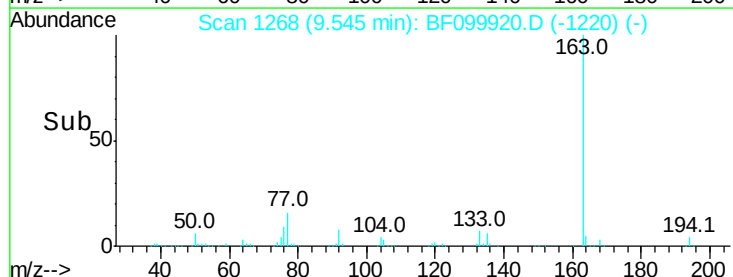
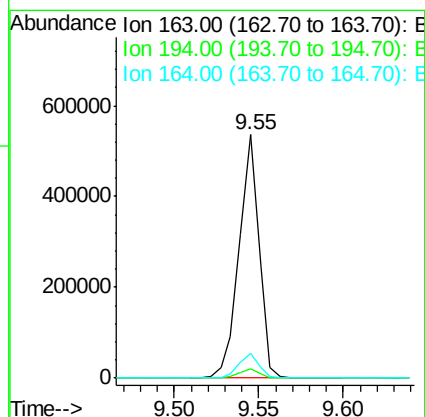
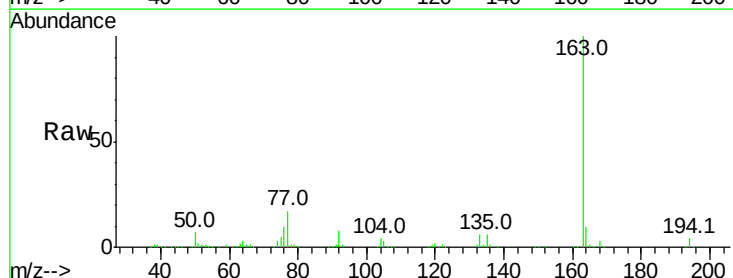
RT: 9.55 min Scan# 1268

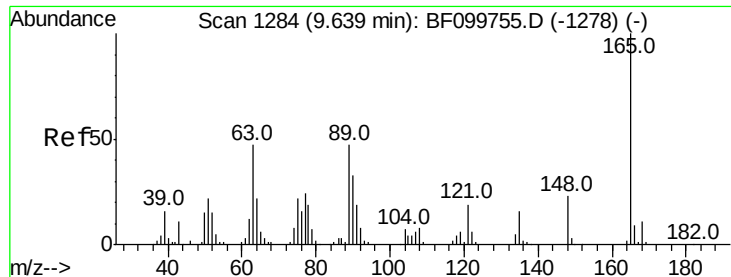
Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:	163	Resp:	441175
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2



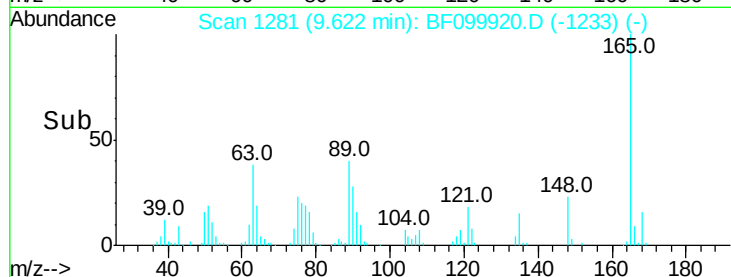
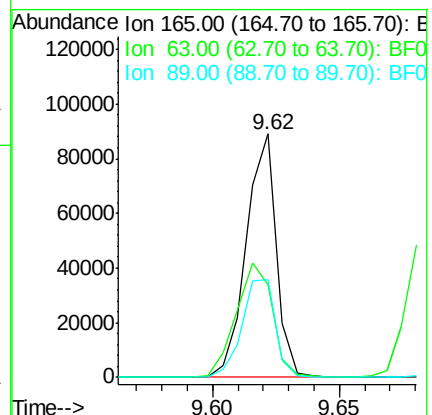
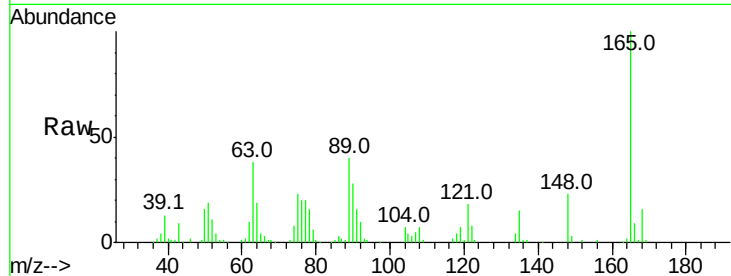


#50
2,6-Dinitrotoluene
Concen: 25.140 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

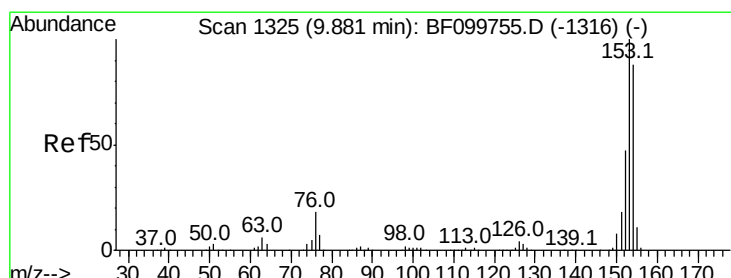
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	44.7	67.1#
89	40.2	44.0	66.0#

Manual Integrations
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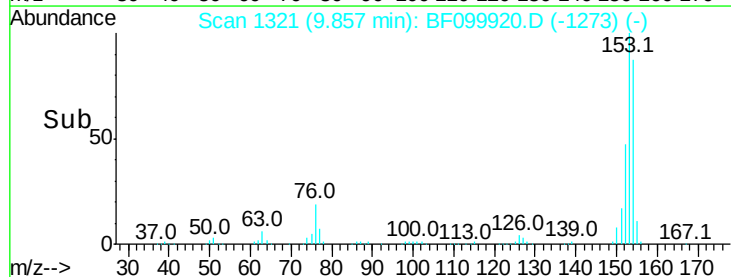
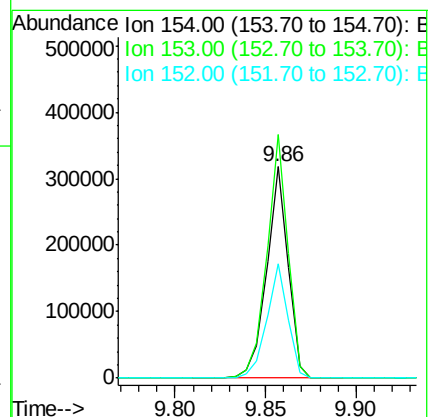
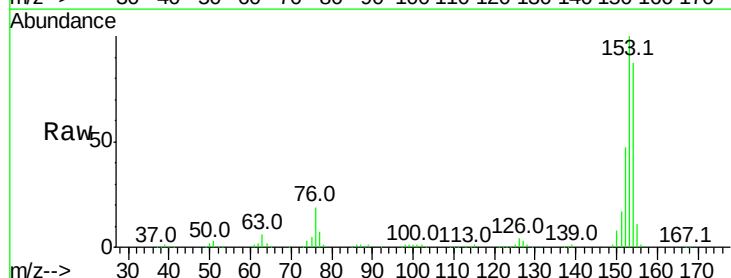
Sohil

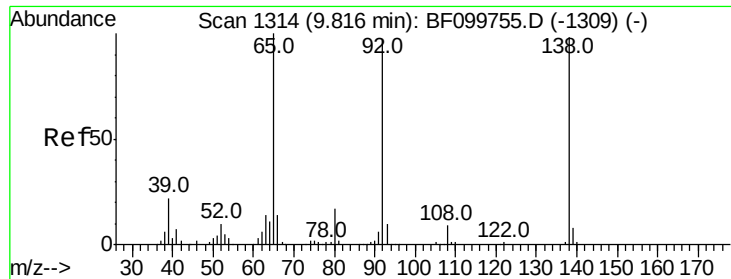
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#51
Acenaphthene
Concen: 24.218 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.2	136.8
152	54.2	43.8	65.8



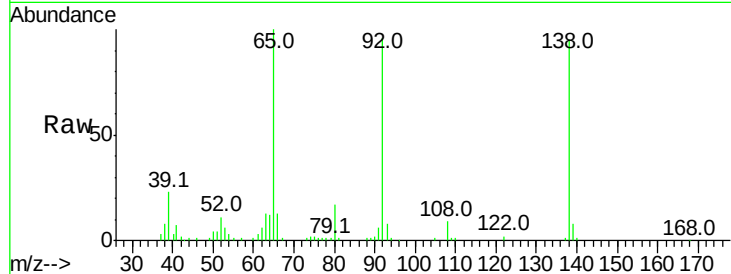


#52
3-Nitroaniline
Concen: 20.063 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

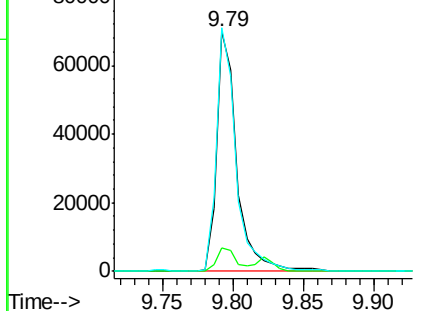
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	101.7	89.4	134.2

Manual Integrations
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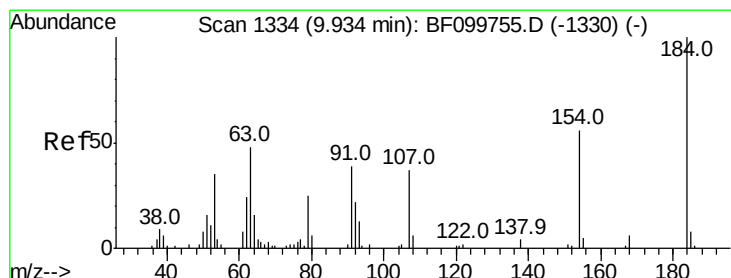
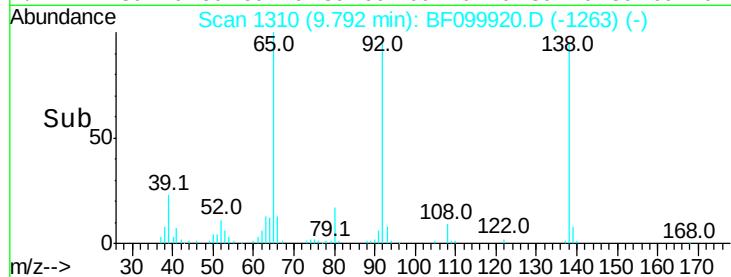


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Sohil

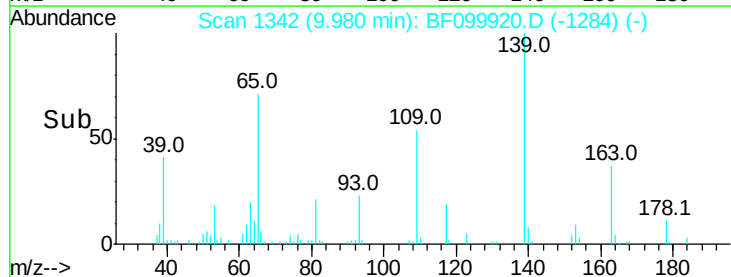
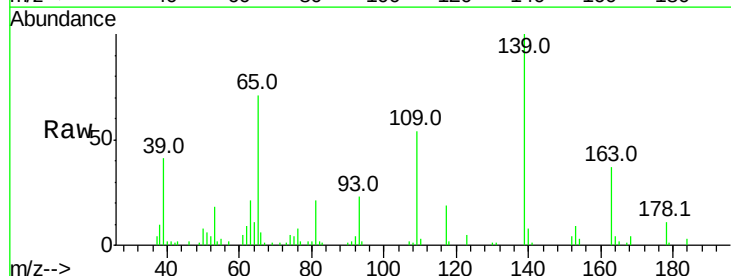
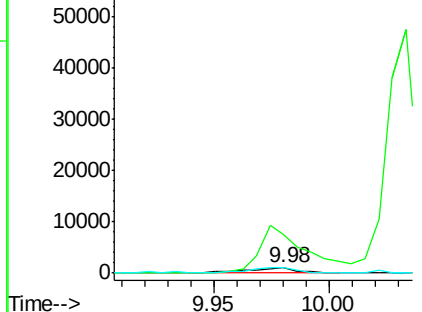
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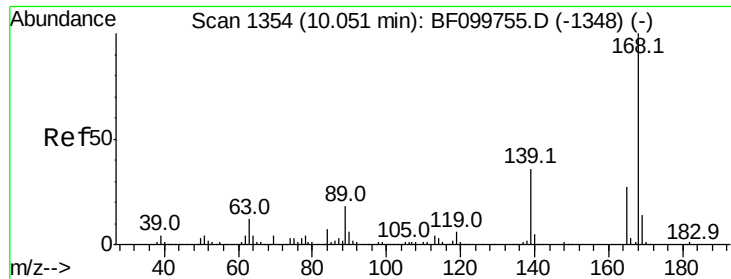


#53
2,4-Dinitrophenol
Concen: 7.009 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	772.7	54.2	81.2#
154	105.6	53.5	80.3#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



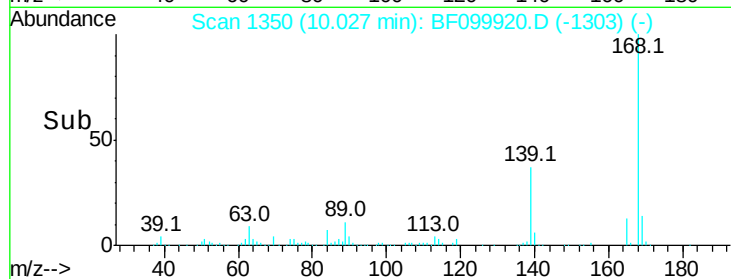
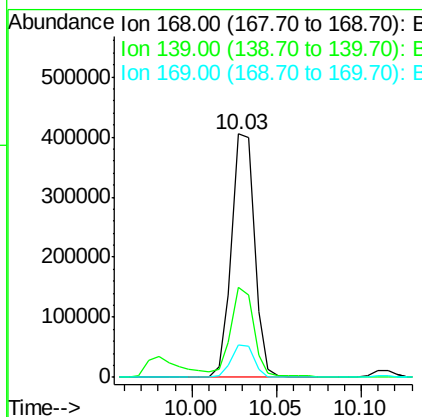
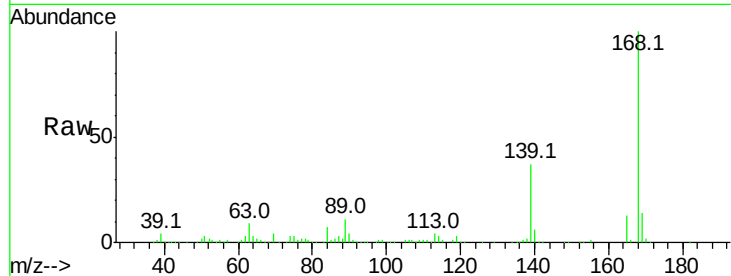


#54
Dibenzenofuran
Concen: 25.125 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

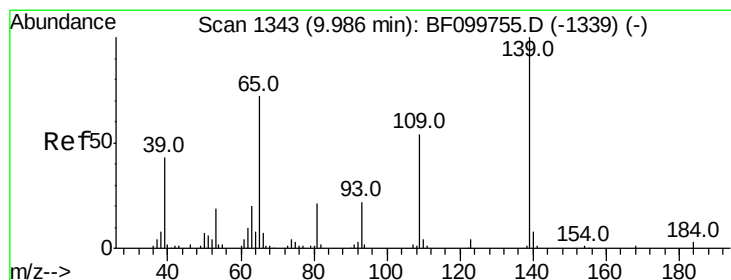
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.9		30.1	45.1
169	13.6		10.9	16.3

Manual Integrations
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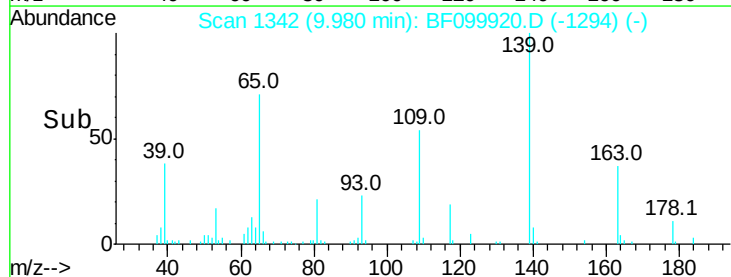
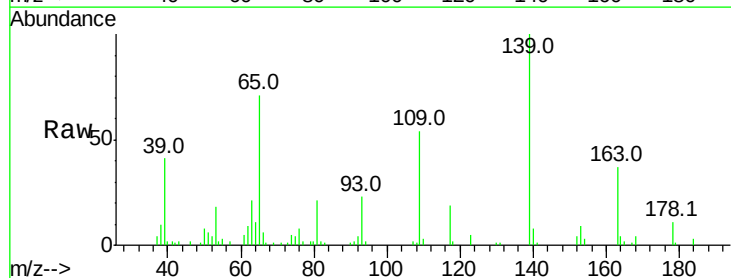
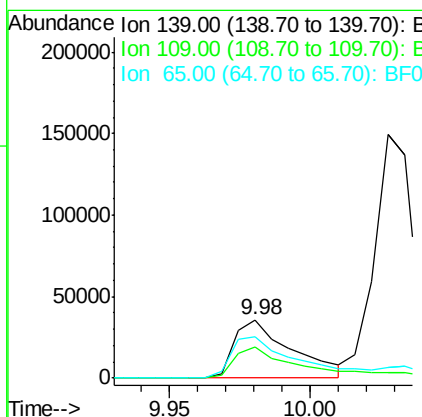
Sohil

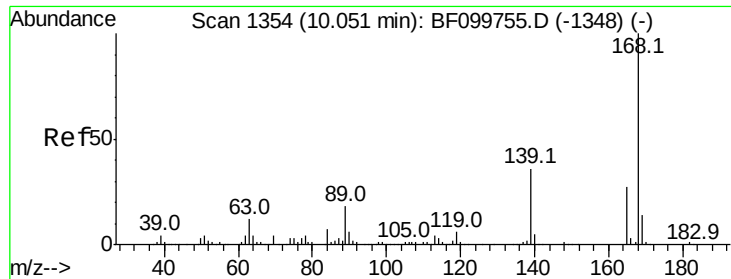
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#55
4-Nitrophenol
Concen: 28.094 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.7		48.4	88.4
65	70.7		72.6	112.6#



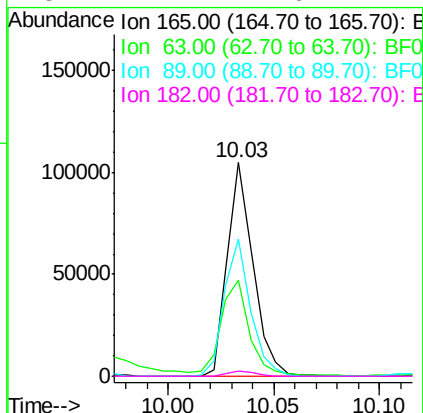
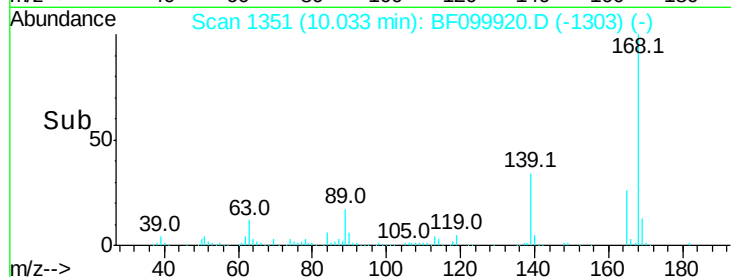
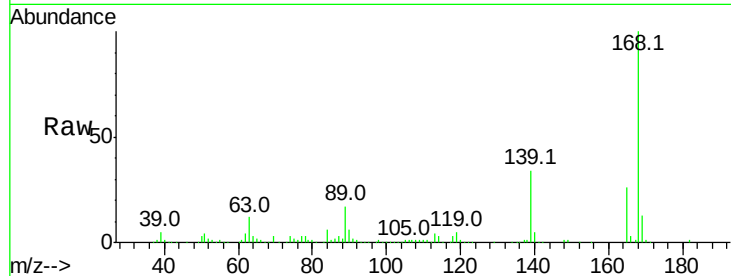


#56
2,4-Dinitrotoluene
Concen: 25.248 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

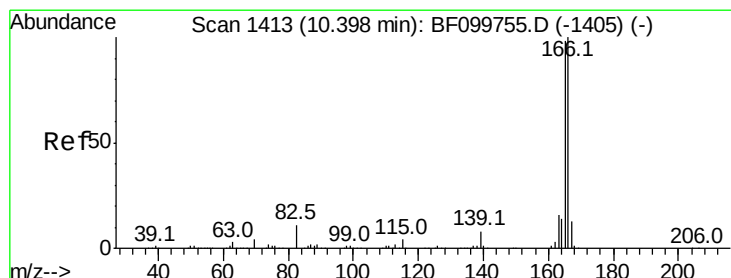
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	36.4	54.6	
89	64.0	57.8	86.6	
182	2.4	1.6	2.4	

Manual Integrations
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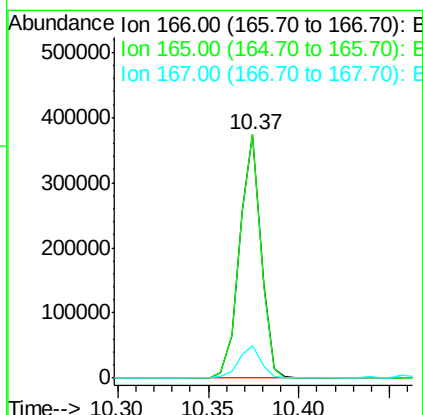
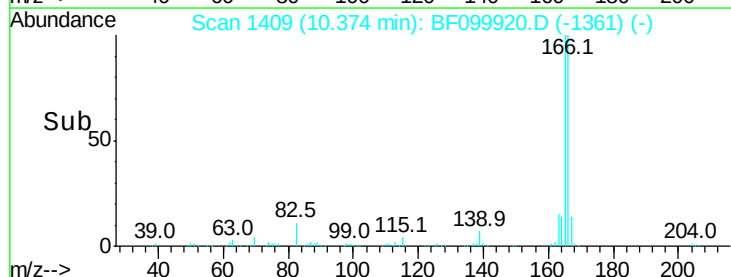
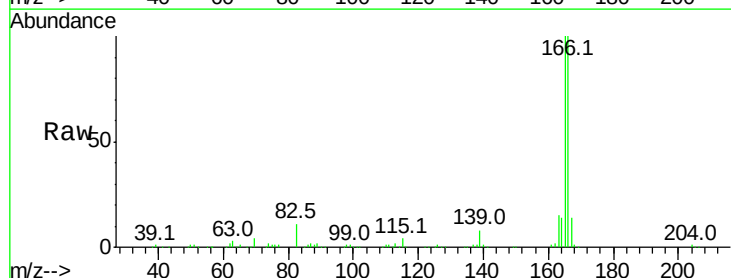
Sohil

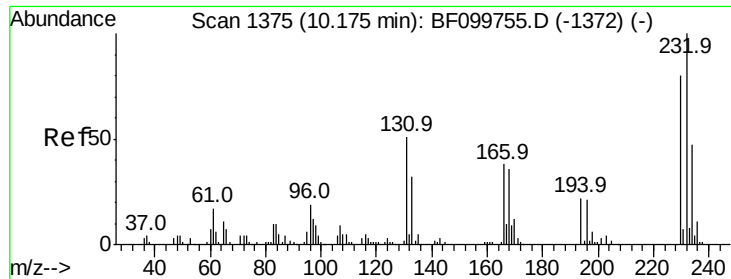
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#57
Fluorene
Concen: 24.211 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	79.8	119.8	
167	13.6	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 21.038 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

Tot Ion:232 Resp: 53460

Ion Ratio Lower Upper

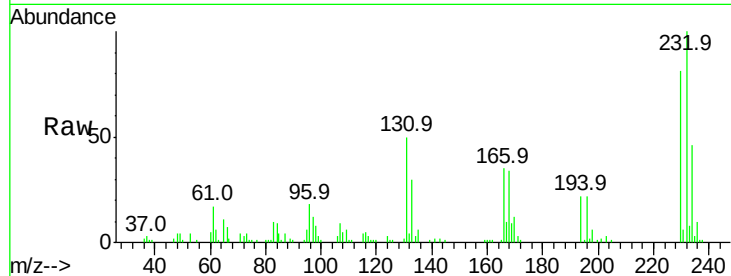
232 100

131 48.9 43.8 65.8

130 2.2 2.1 3.1

166 34.0 27.8 41.6

Manual Integrations
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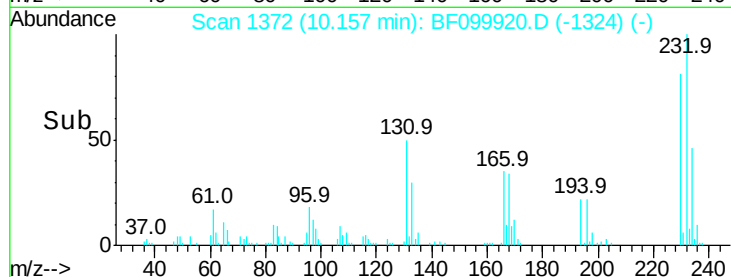
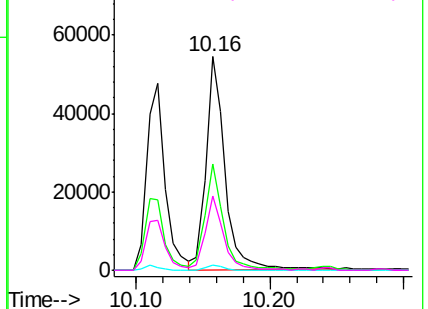


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

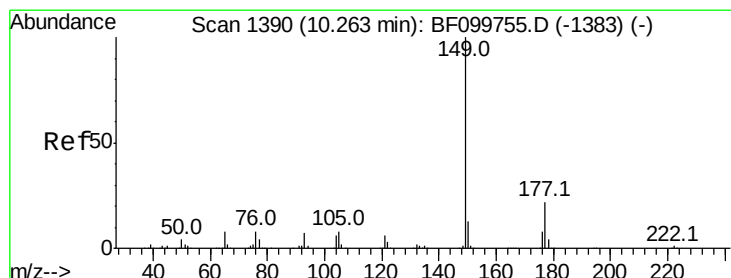
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 24.148 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

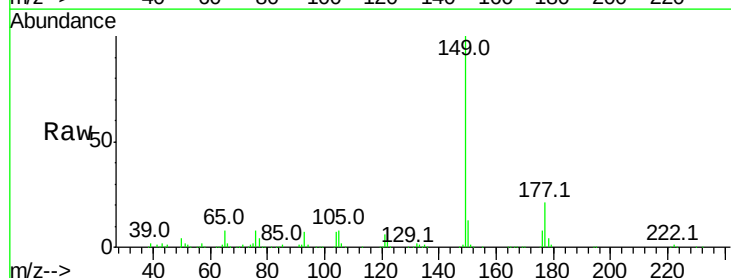
Tgt Ion:149 Resp: 326474

Ion Ratio Lower Upper

149 100

177 21.4 16.1 24.1

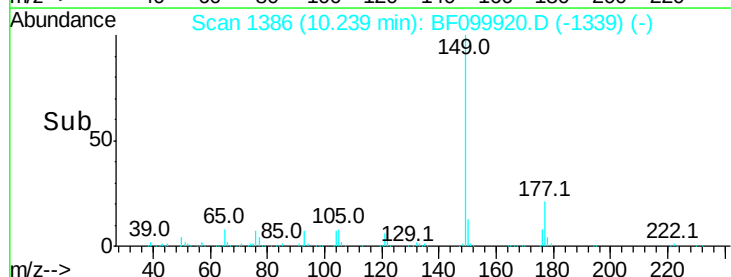
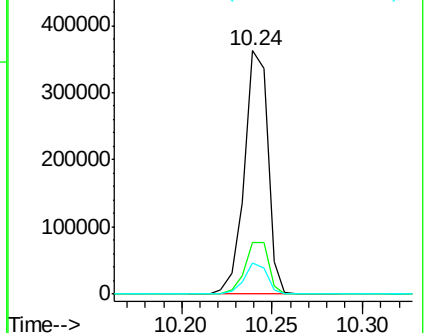
150 12.6 10.1 15.1

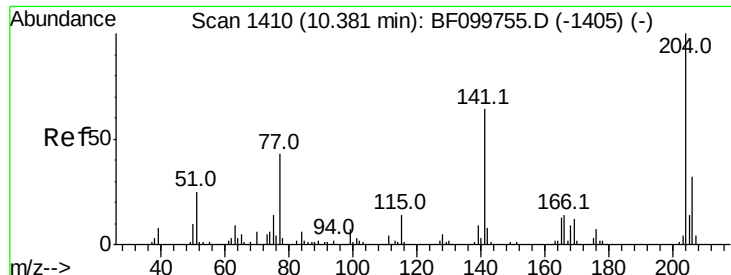


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



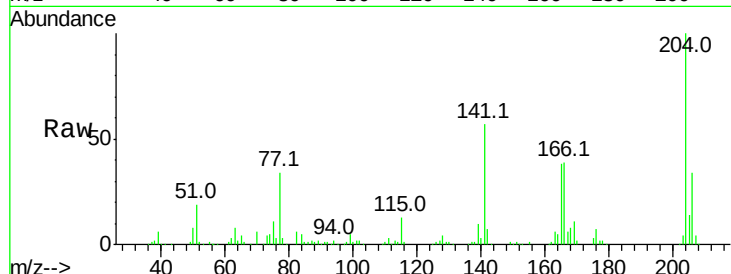


#60
4-Chlorophenyl-phenylether
Concen: 24.461 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

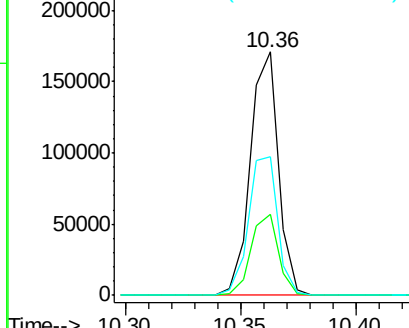
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	56.9	54.6	81.8

Manual Integrations
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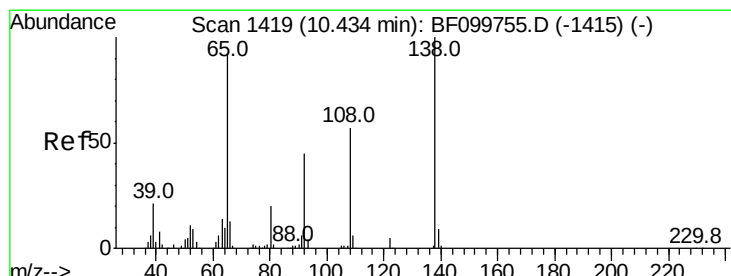
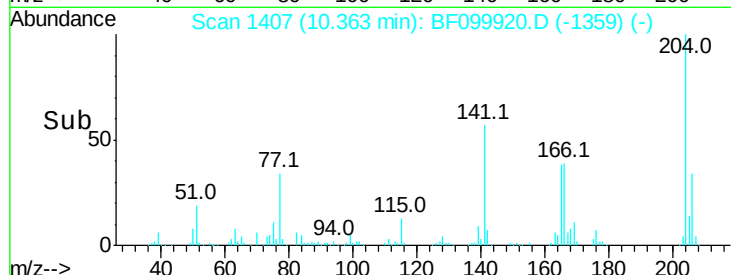


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



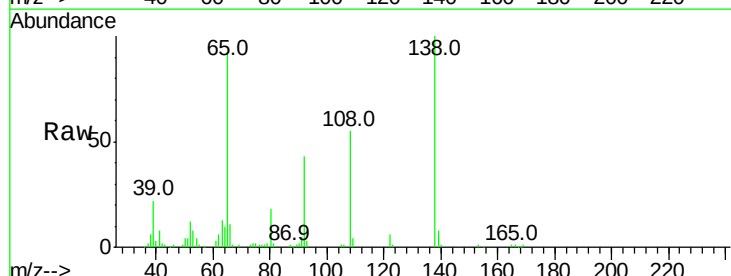
Sohil

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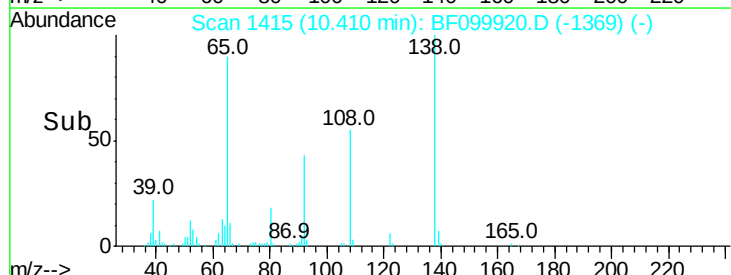
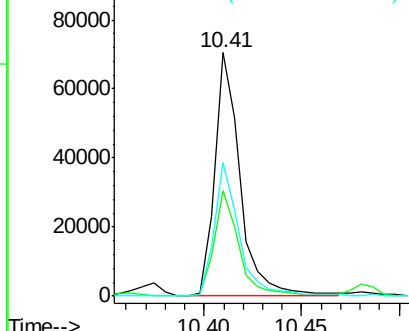


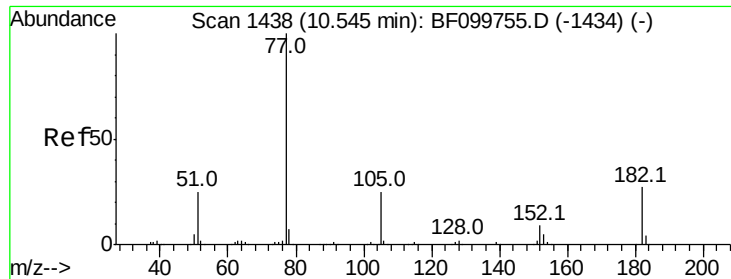
#61
4-Nitroaniline
Concen: 19.515 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	30.2	70.2
108	55.0	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



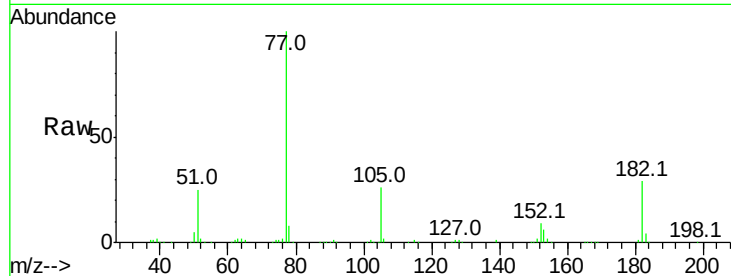


#62
Azobenzene
Concen: 24.008 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

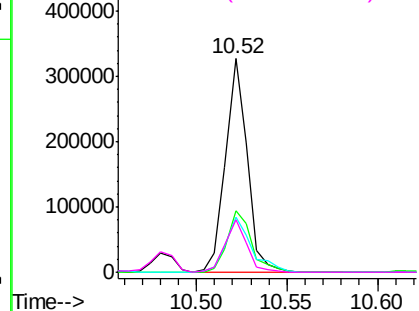
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion:	77	Resp:	272092
Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	26.0	3.0	43.0
51	24.5	9.9	49.9

Manual Integrations
APPROVED

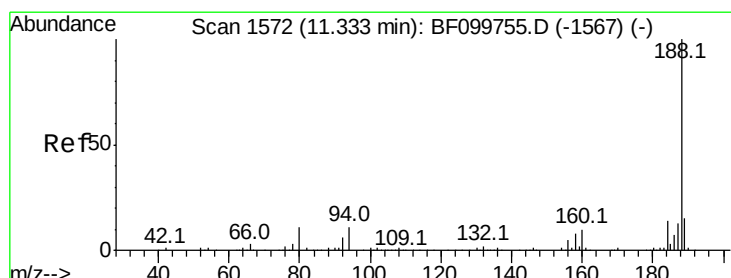
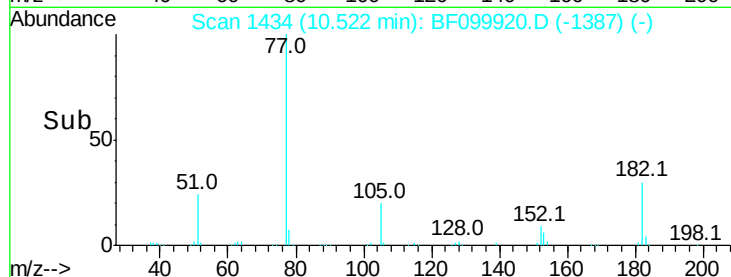


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



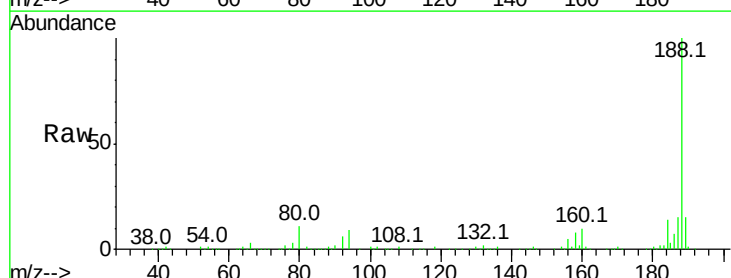
Sohil

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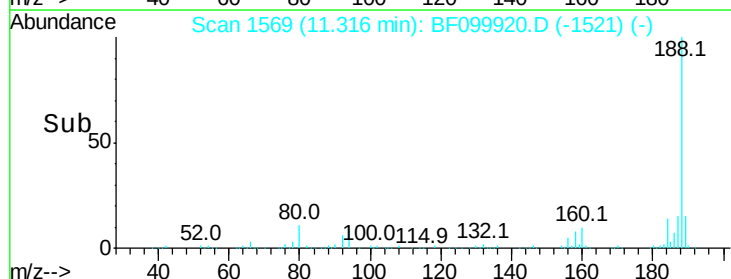
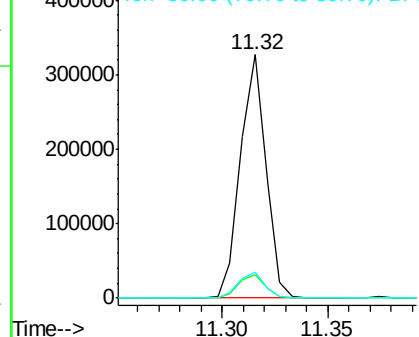


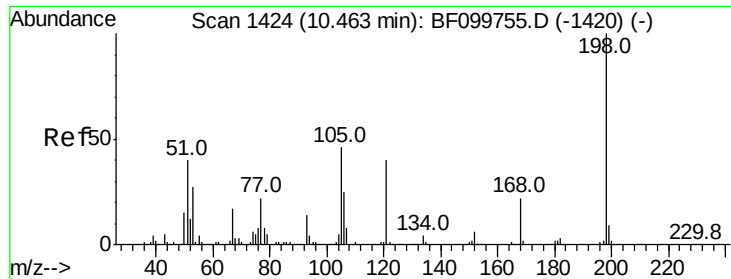
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:	188	Resp:	271897
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



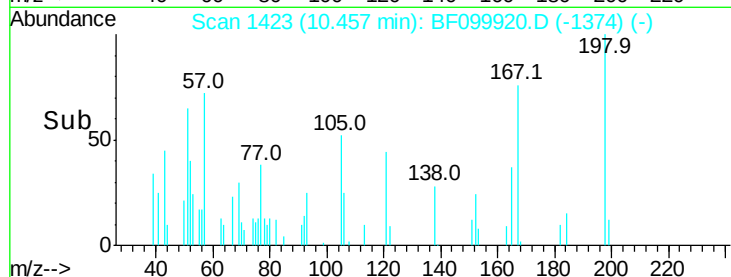
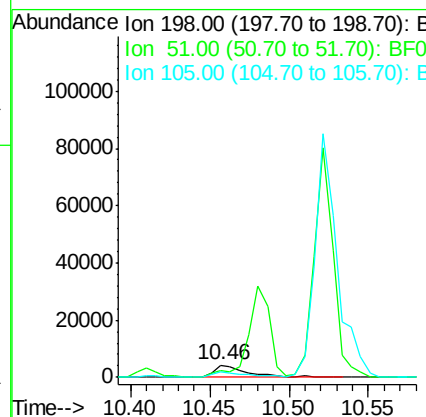
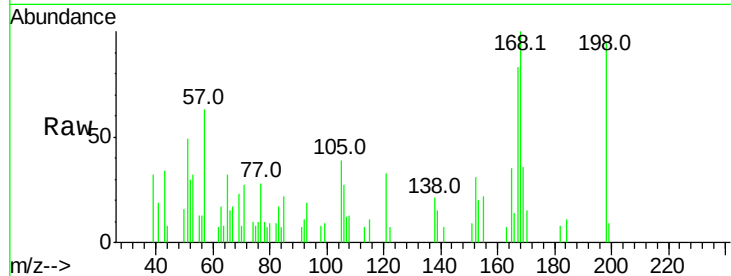


#64
4,6-Dinitro-2-methylphenol
Concen: 3.520 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

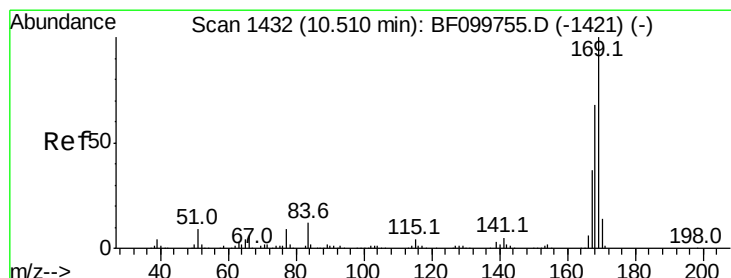
Tot Ion	Ratio	Lower	Upper
198	100		
51	51.4	37.7	77.7
105	40.9	36.3	76.3

Manual Integrations
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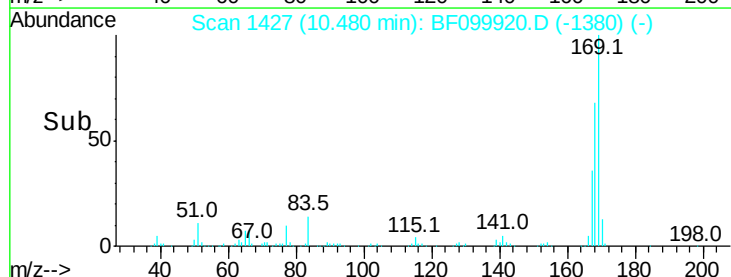
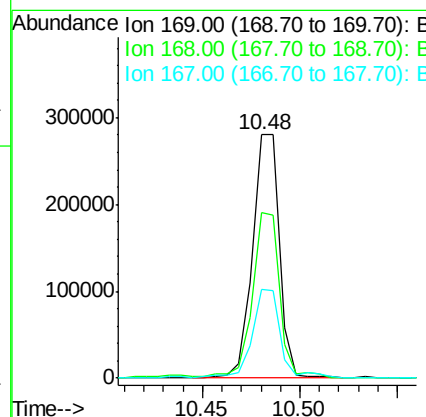
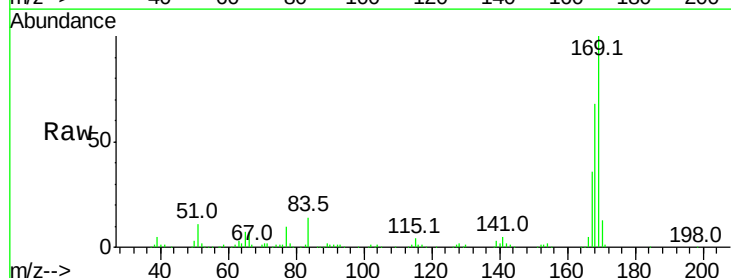
Sohil

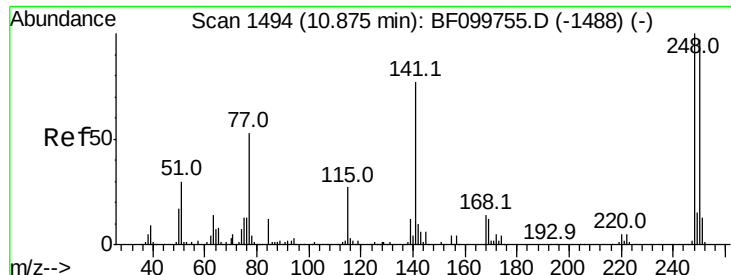
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#65
n-Nitrosodiphenylamine
Concen: 26.514 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	36.2	29.8	44.6



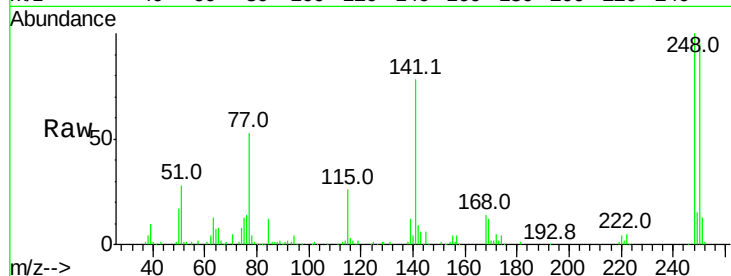


#66
4-Bromophenyl-phenylether
Concen: 27.942 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

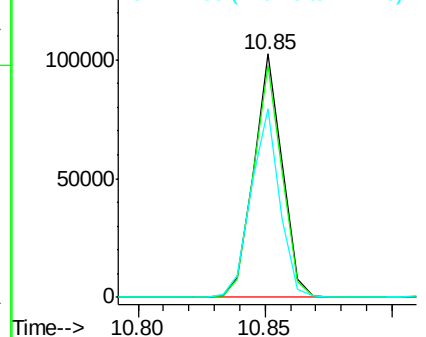
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	77.7	74.4	111.6

Manual Integrations
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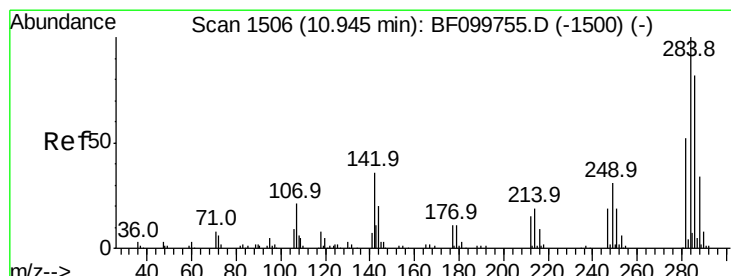
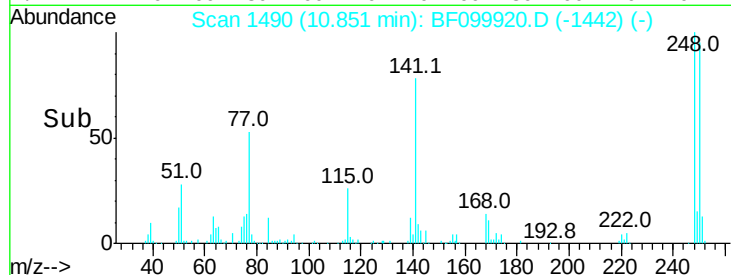


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Sohil

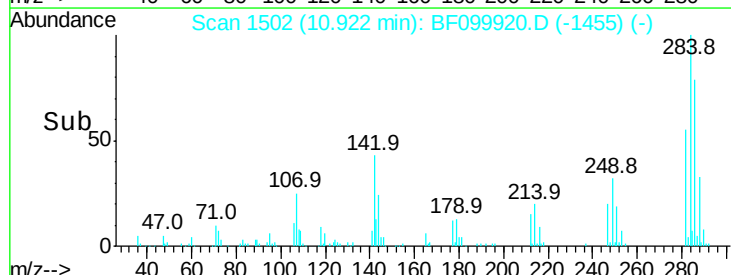
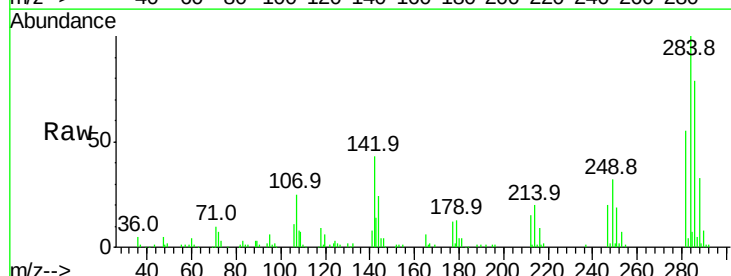
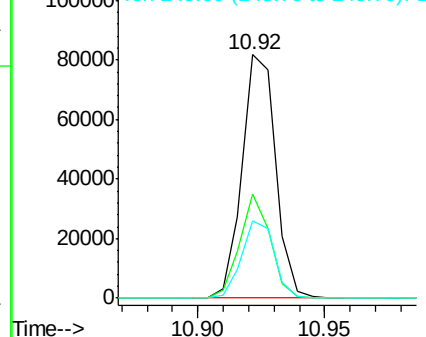
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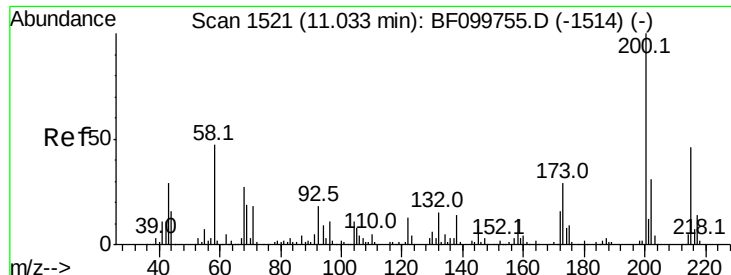


#67
Hexachlorobenzene
Concen: 25.592 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.6	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



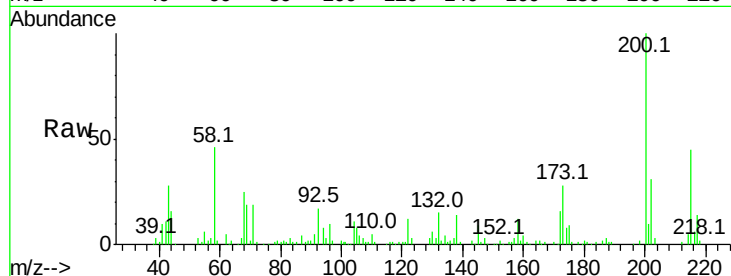


#68
Atrazine
Concen: 26.627 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

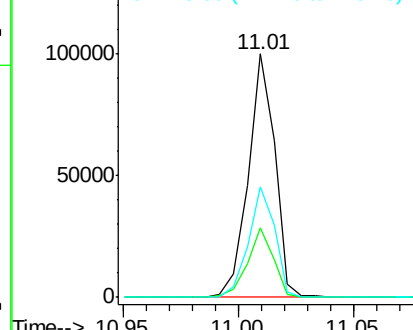
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	45.1	25.1	65.1

Manual Integrations
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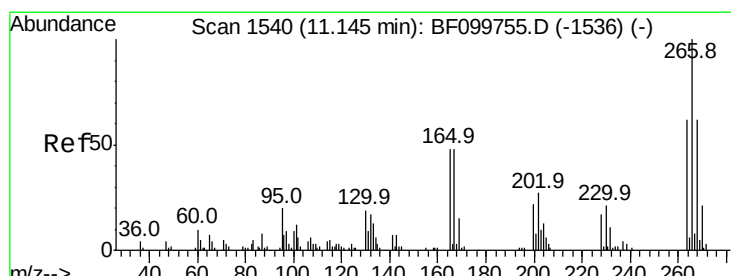
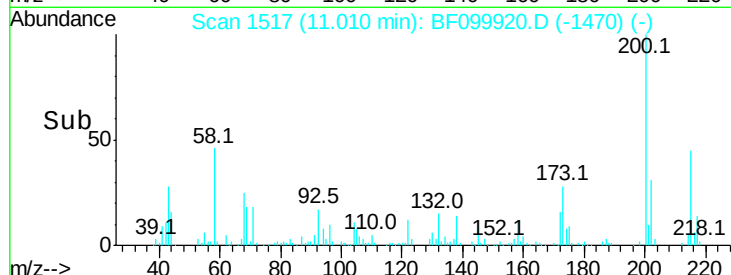


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



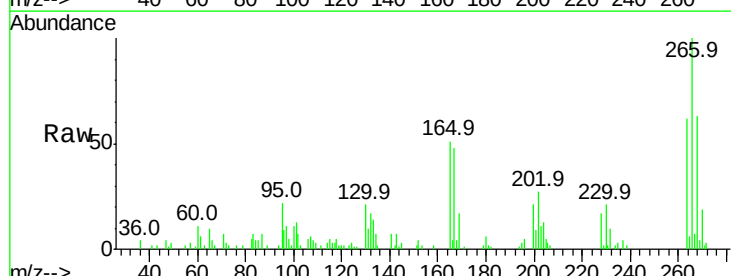
Sohil

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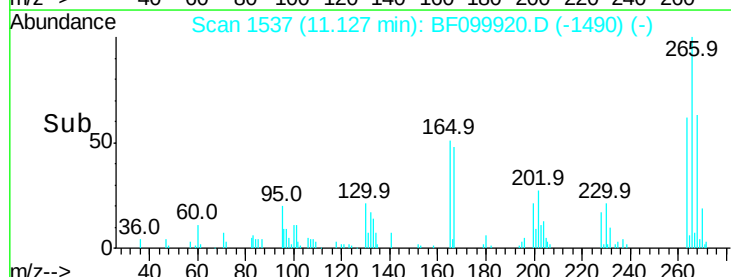
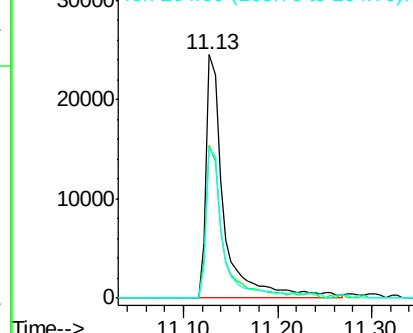


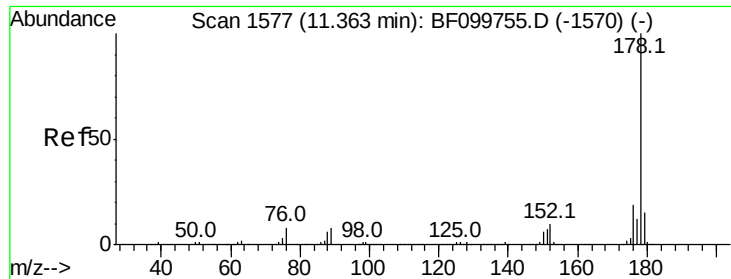
#69
Pentachlorophenol
Concen: 26.252 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	61.6	49.5	74.3



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



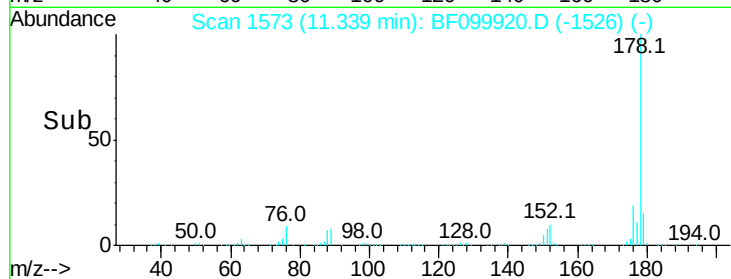
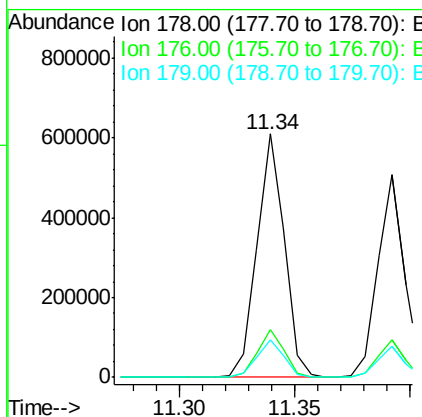
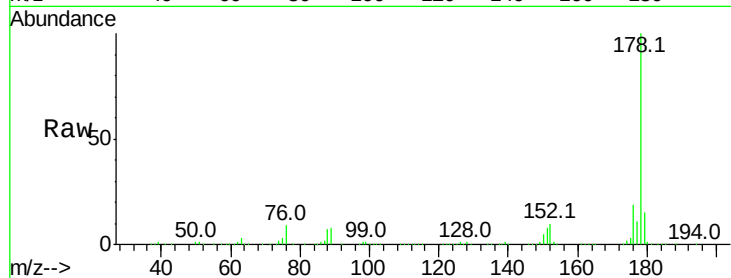


#70
Phenanthrene
Concen: 33.022 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

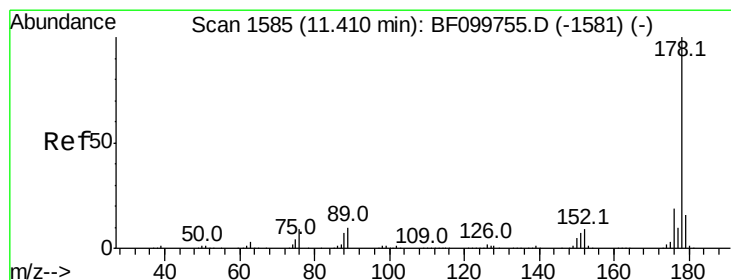
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6

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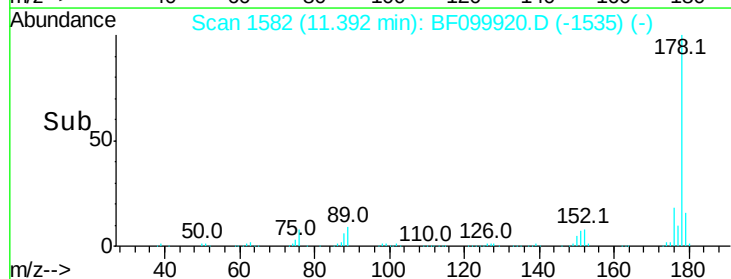
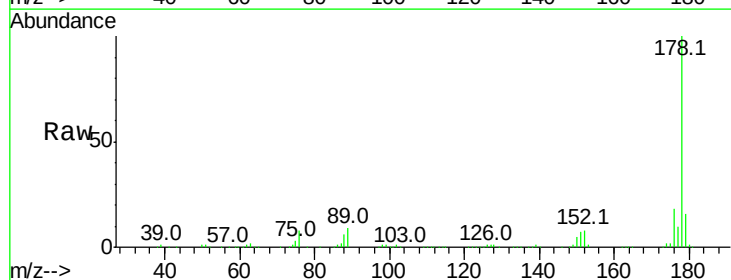
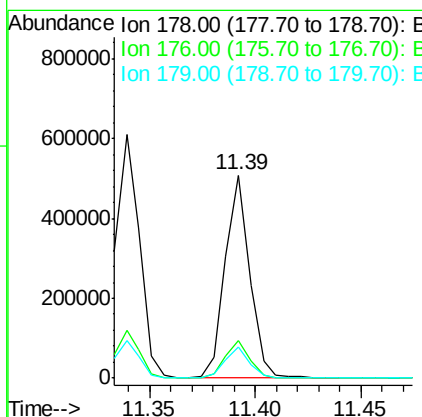
Sohil

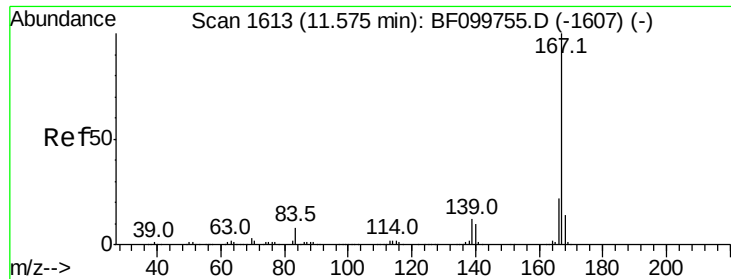
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#71
Anthracene
Concen: 26.304 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.6	12.6	19.0



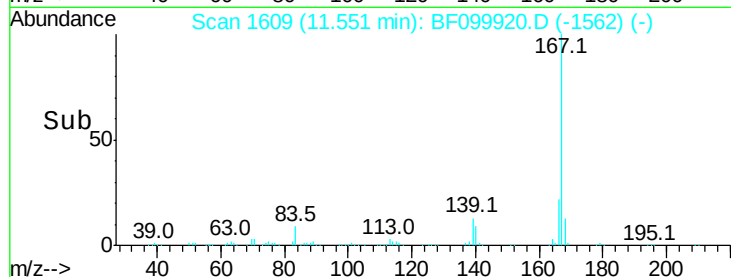
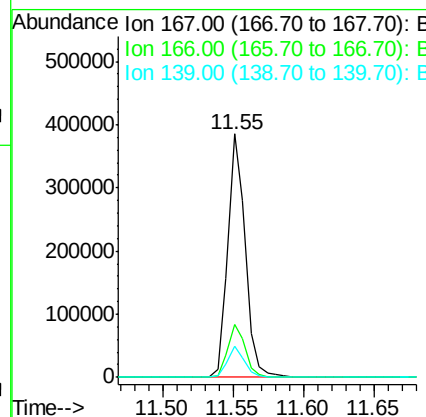
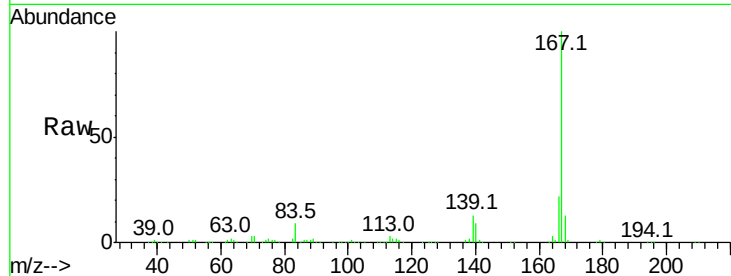


#72
 Carbazole
 Concen: 22.704 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

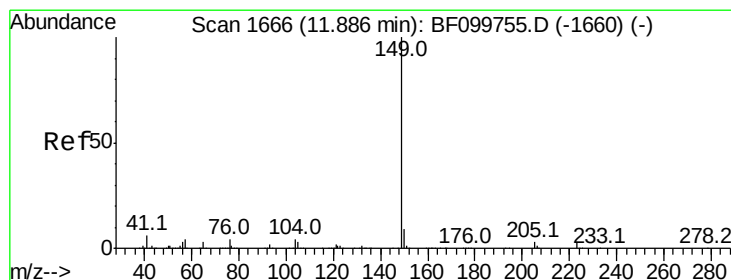
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3

Manual Integrations
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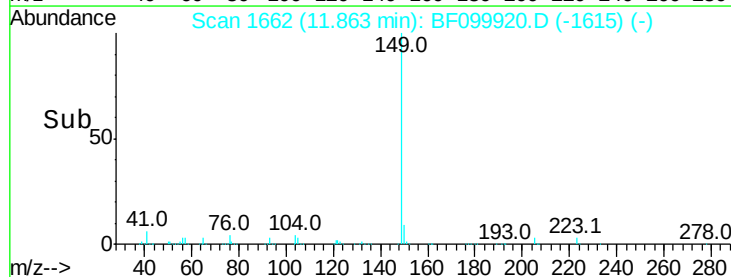
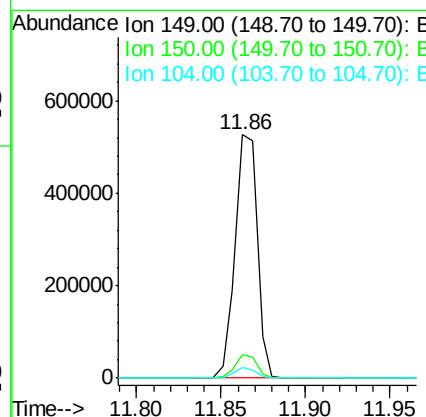
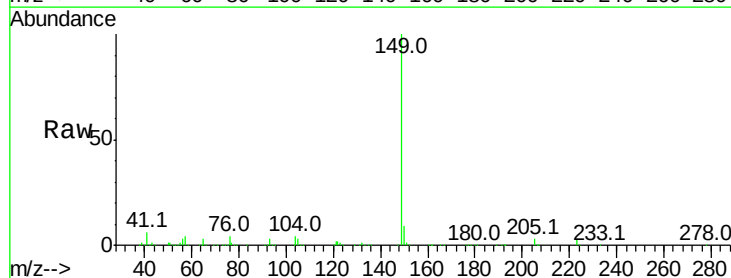
Sohil

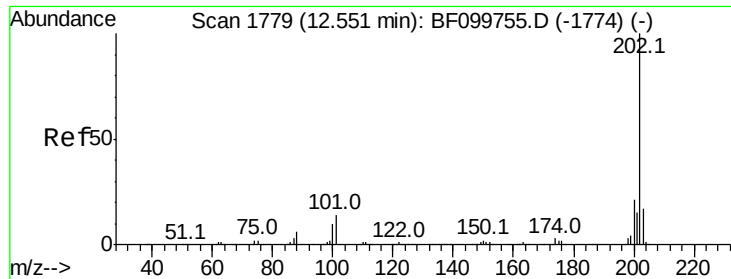
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#73
 Di-n-butylphthalate
 Concen: 25.633 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.1	3.8	5.8





#74

Fluoranthene

Concen: 27.773 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

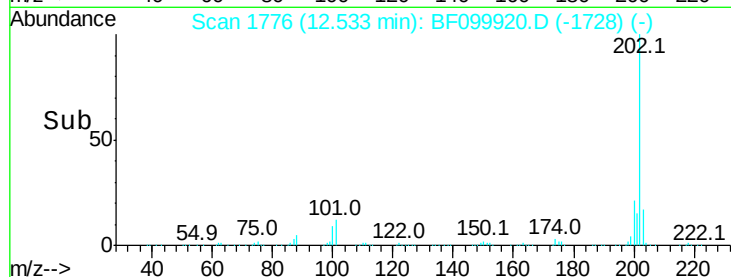
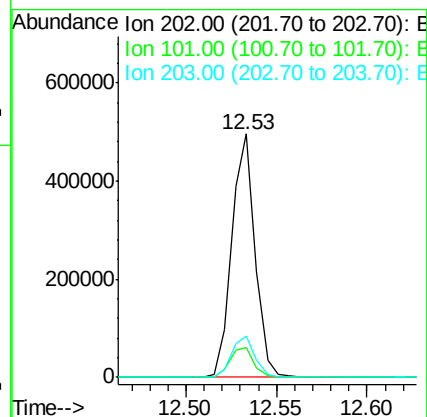
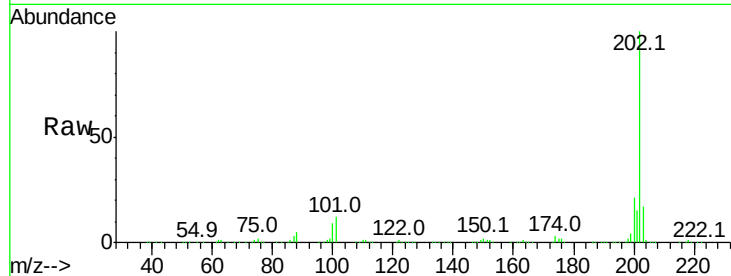
BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

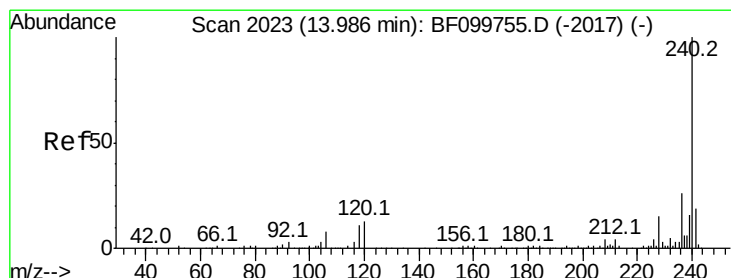
Tot Ion:	202	Resp:	442880
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

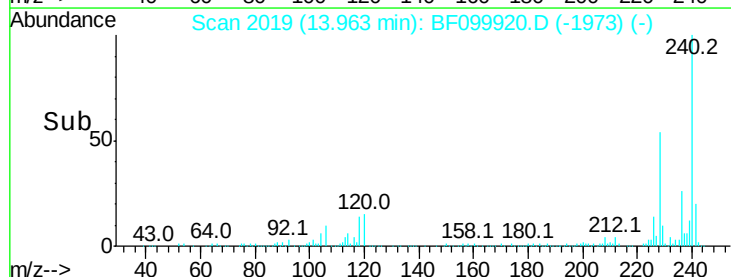
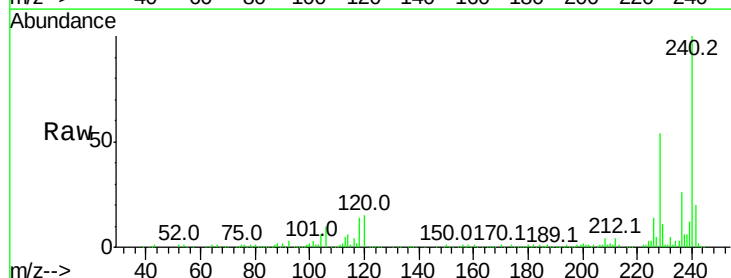
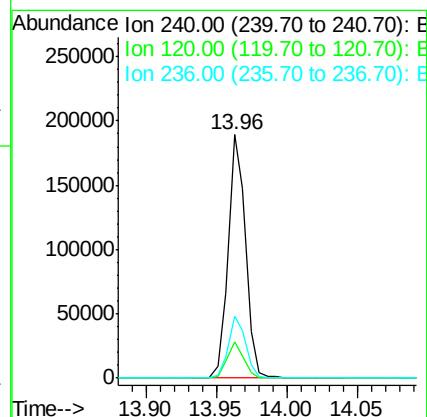
RT: 13.96 min Scan# 2019

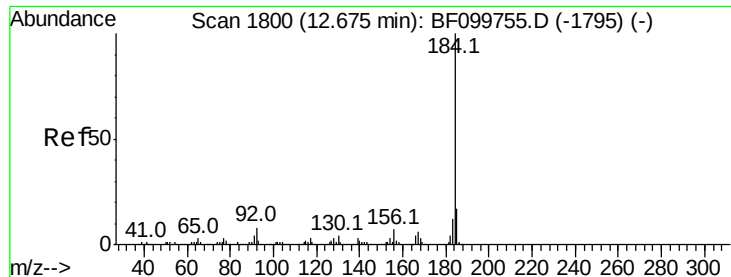
Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:	240	Resp:	161624
Ion Ratio	Lower	Upper	
240	100		
120	14.8	9.5	14.3#
236	25.7	20.7	31.1





#76

Benzidine

Concen: 9.765 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

Tot Ion:184 Resp: 69059

Ion Ratio Lower Upper

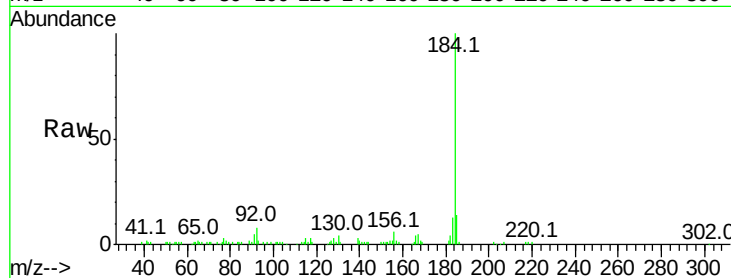
184 100

185 13.9 12.6 18.8

183 12.6 9.3 13.9

Manual Integrations

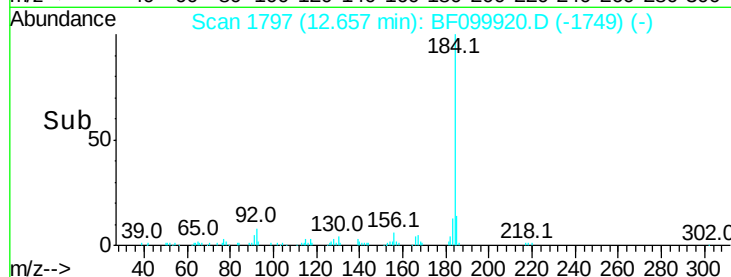
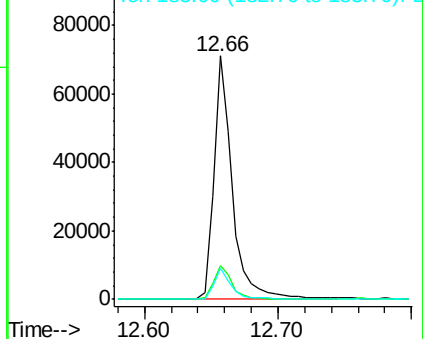
APPROVED



Abundance Ion 184.00 (183.70 to 184.70): E

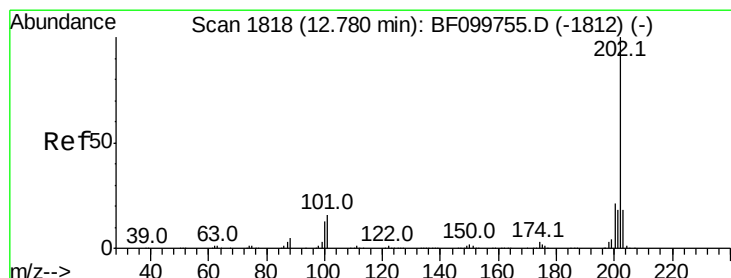
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 34.766 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

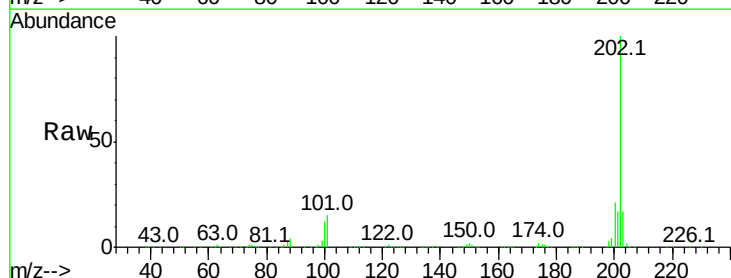
Tgt Ion:202 Resp: 427271

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

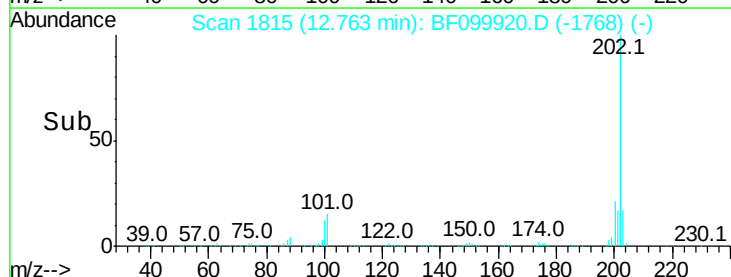
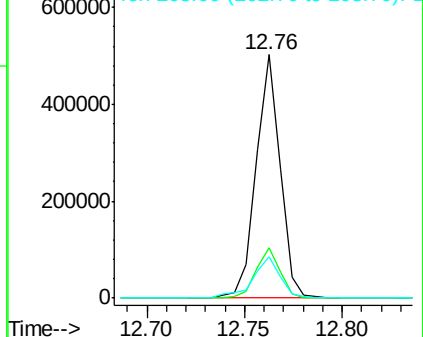
203 16.9 14.3 21.5

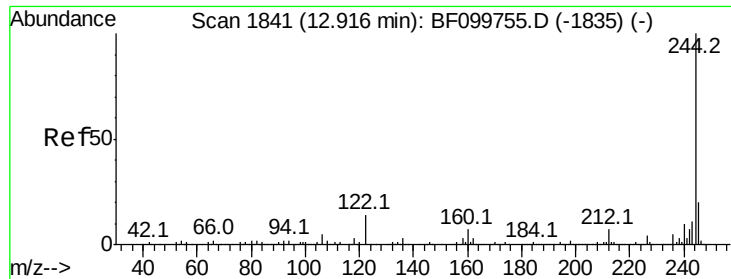


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



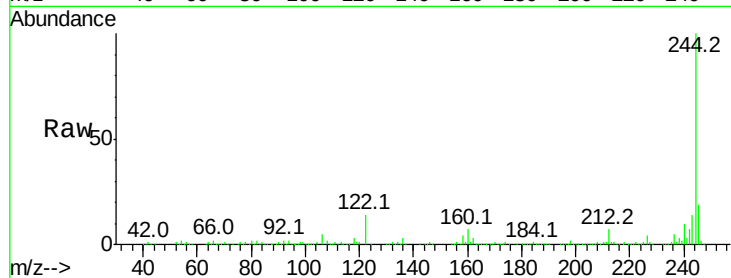


#78
 Terphenyl-d14
 Concen: 53.810 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

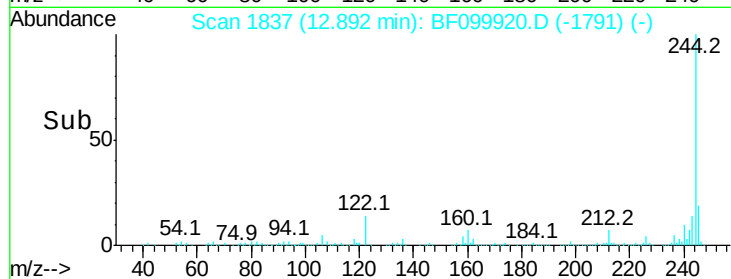
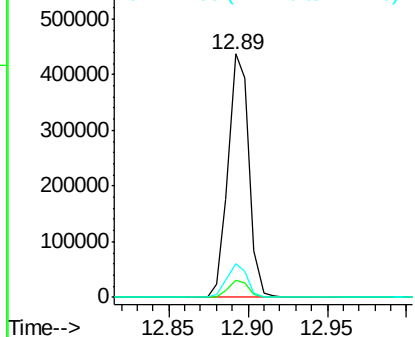
Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1MS

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

Manual Integrations
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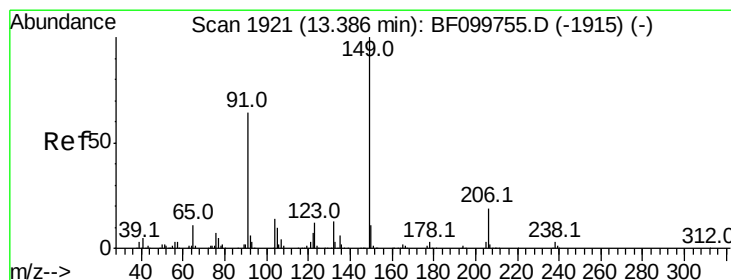


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



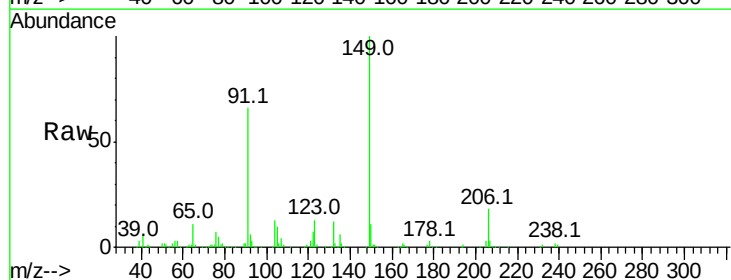
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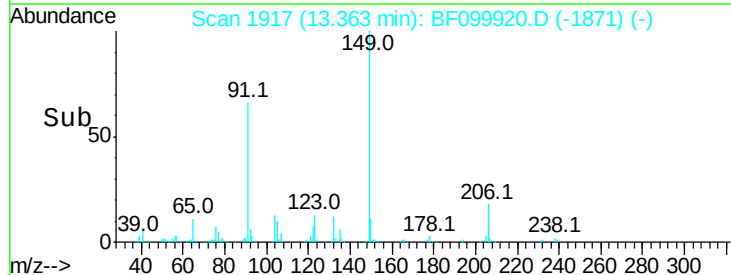
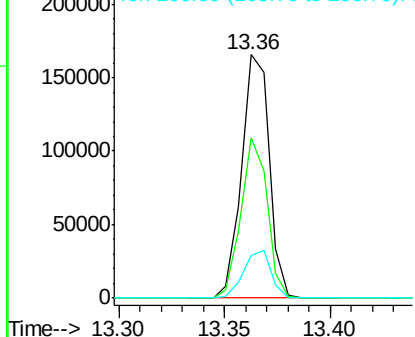


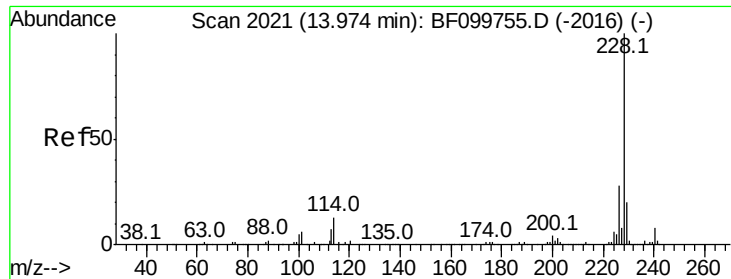
#79
 Butylbenzylphthalate
 Concen: 24.819 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.03 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.9	56.8	85.2
206	17.5	14.1	21.1



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



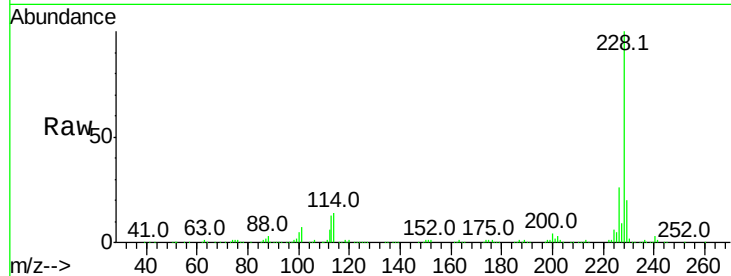


#80
Benzo(a)anthracene
Concen: 29.426 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

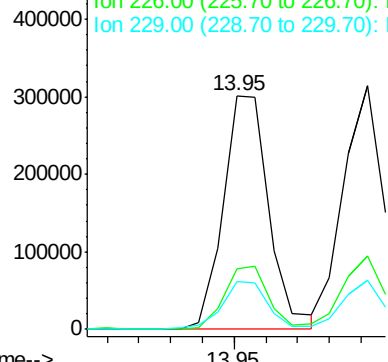
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	20.4	15.8	23.6

Manual Integrations
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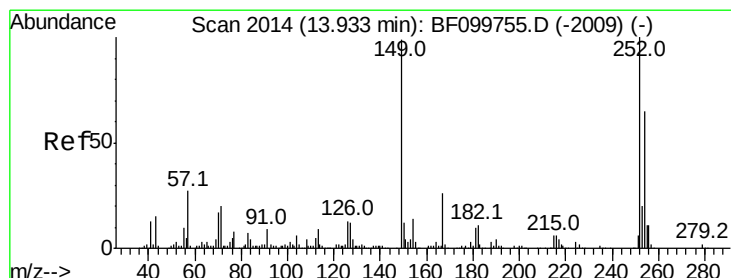
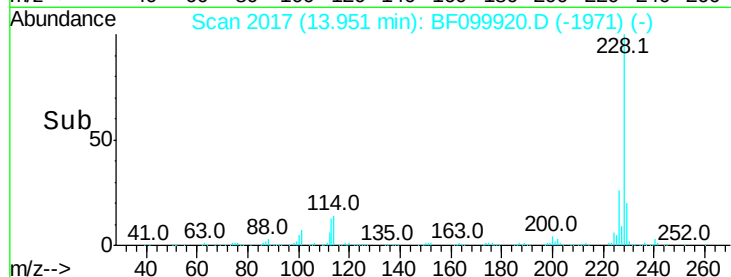


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



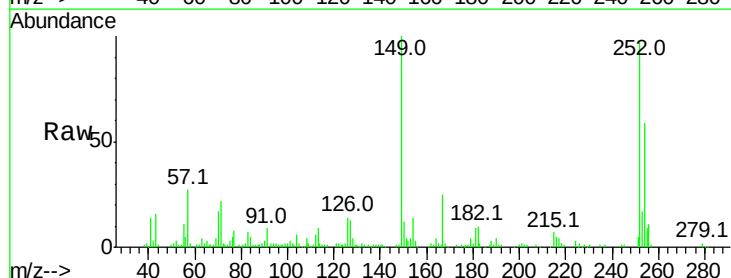
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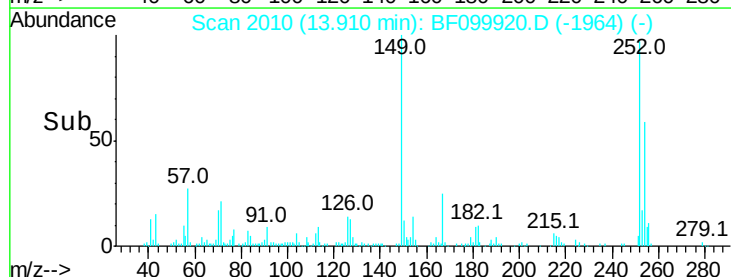
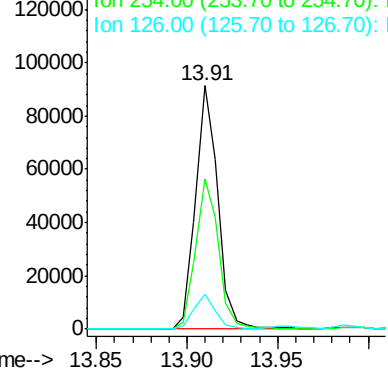


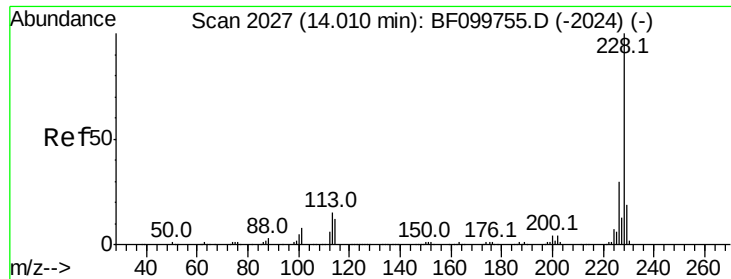
#81
3,3'-Dichlorobenzidine
Concen: 20.993 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.4	75.6
126	14.1	11.3	16.9



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



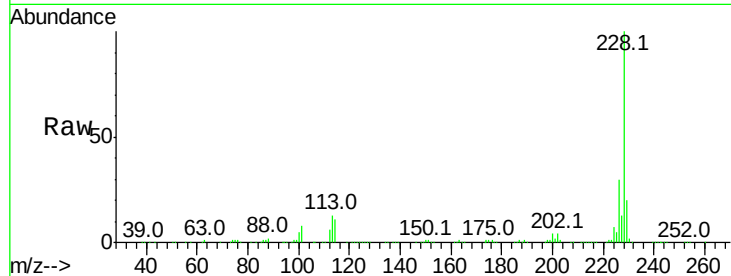


#82
Chrysene
Concen: 28.995 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

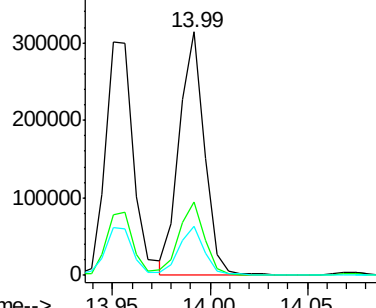
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.1	16.2	24.4

Manual Integrations
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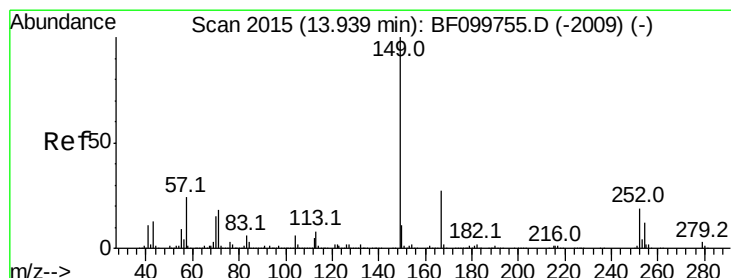
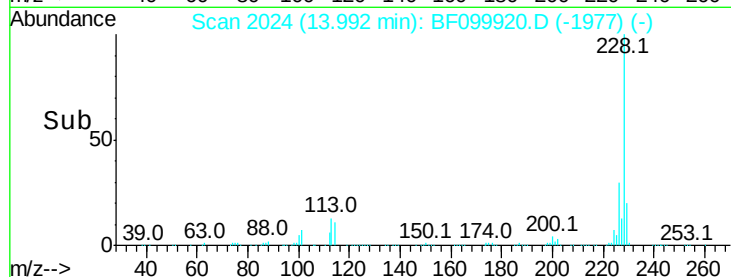


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



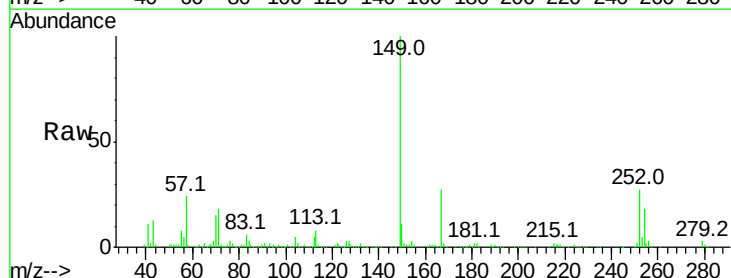
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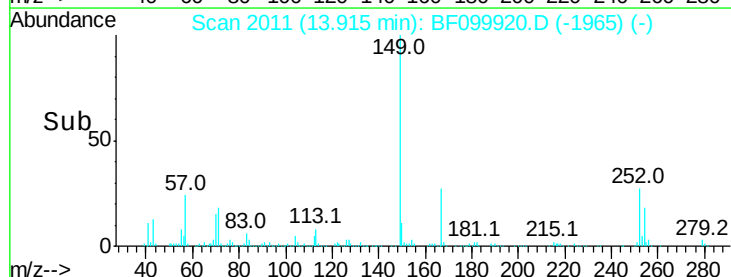
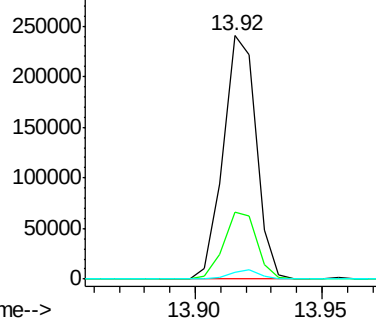


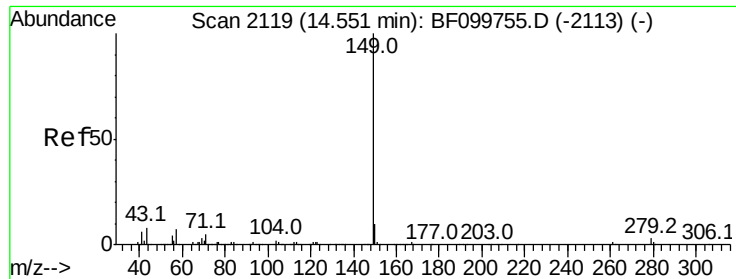
#83
Bis(2-ethylhexyl)phthalate
Concen: 25.806 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	2.9	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



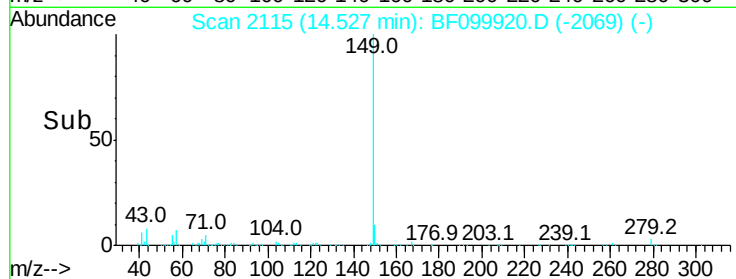
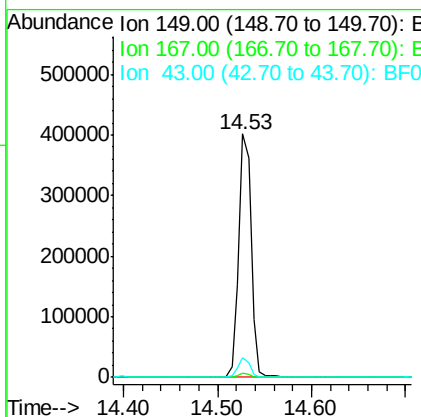
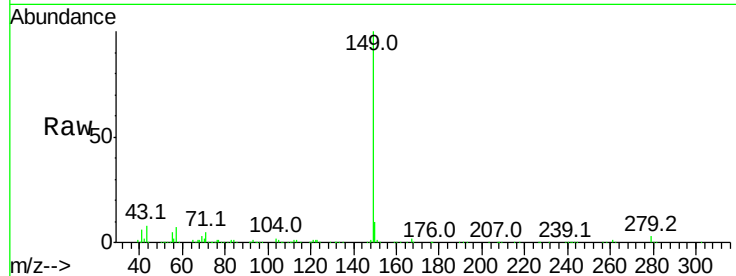


#84
Di-n-octyl phthalate
Concen: 25.615 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

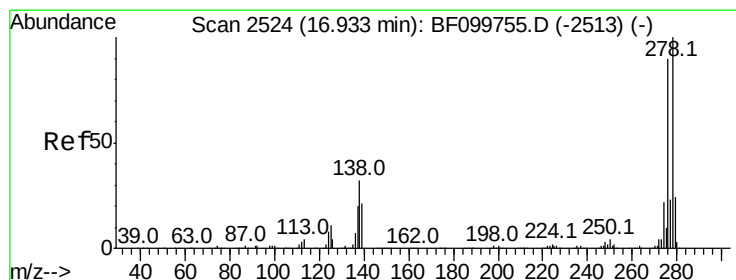
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.5	8.4	12.6

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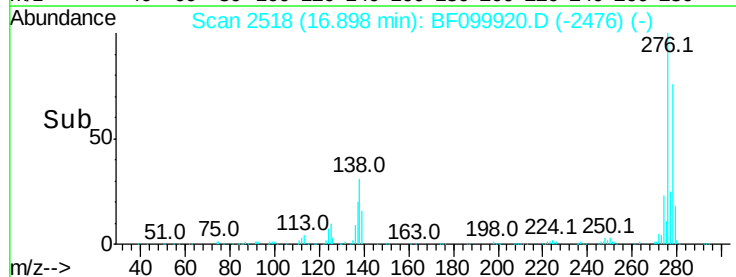
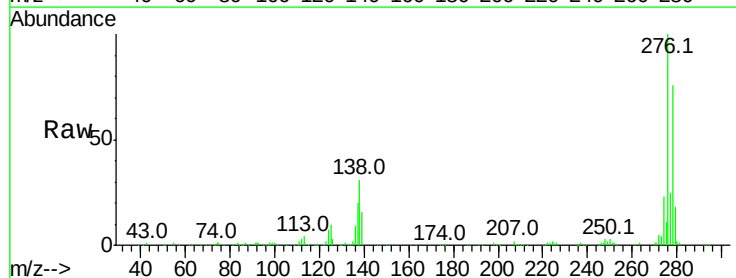
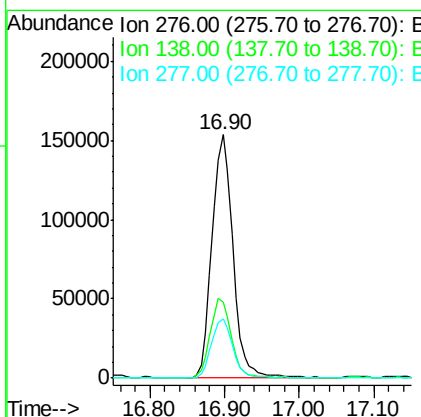
Sohil

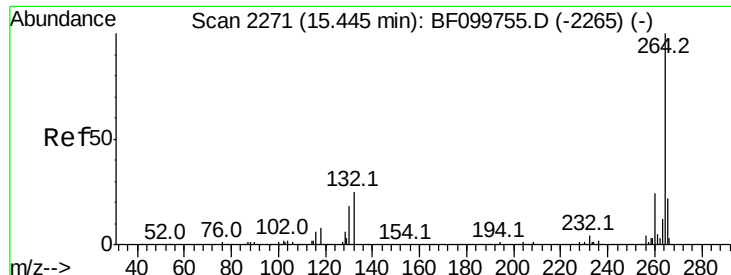
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.034 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.05 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	33.3	25.0	37.6
277	24.8	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

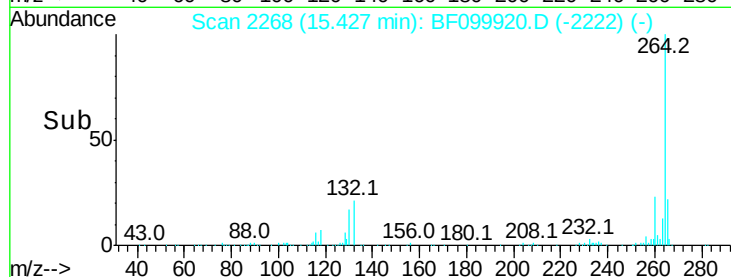
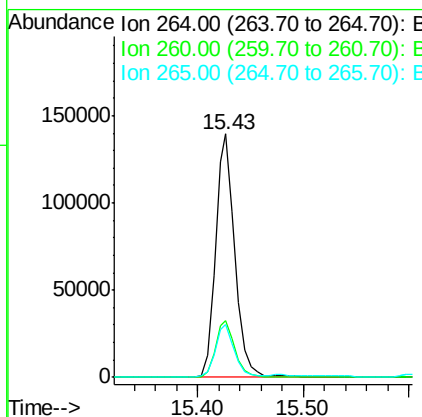
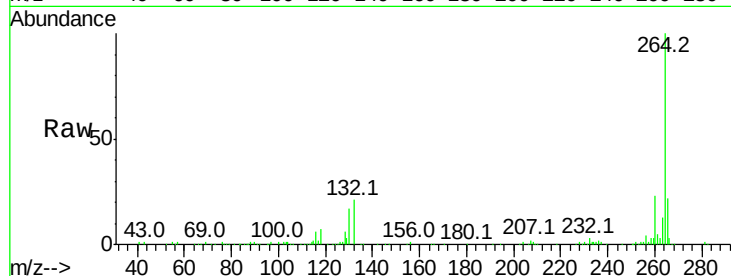
BNA_F

ClientSampleId :

FILL-PILE-1-COMP-1MS

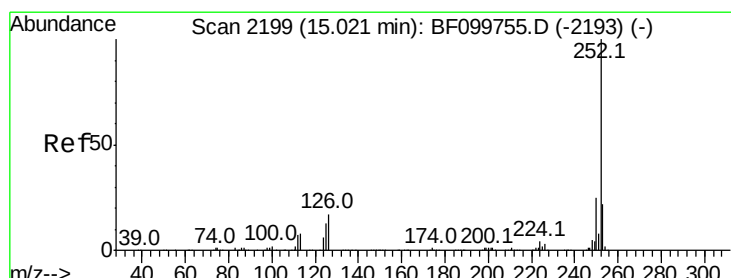
Tot Ion:	264	Resp:	178775
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 27.105 ng

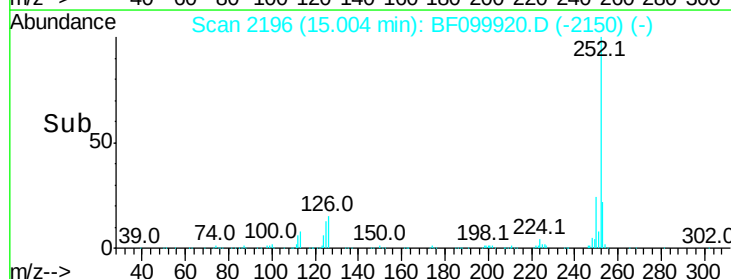
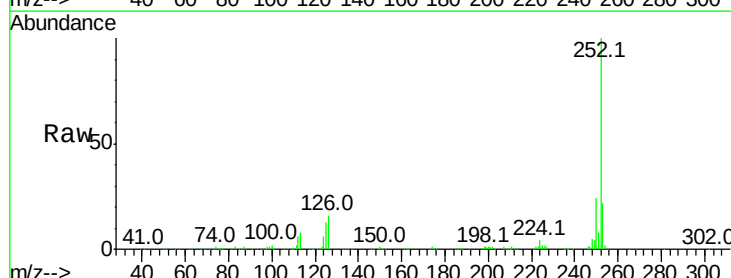
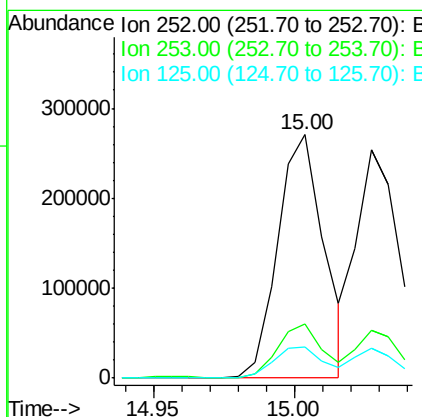
RT: 15.00 min Scan# 2196

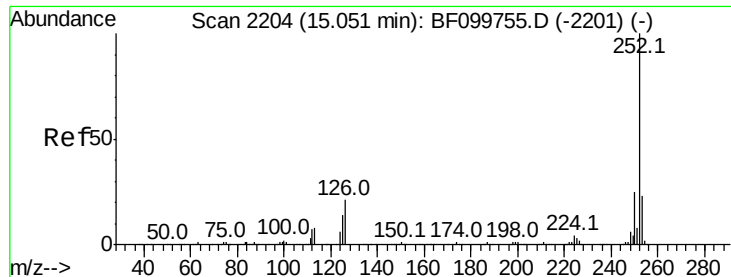
Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:	252	Resp:	305985
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	12.9	9.0	13.6



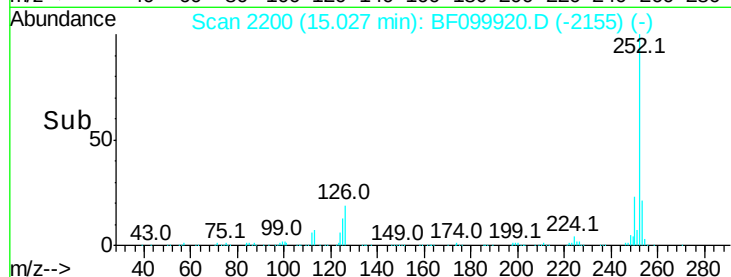
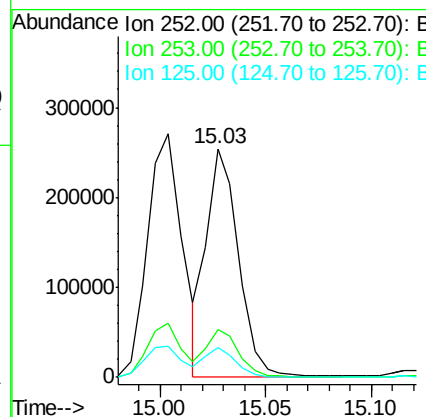
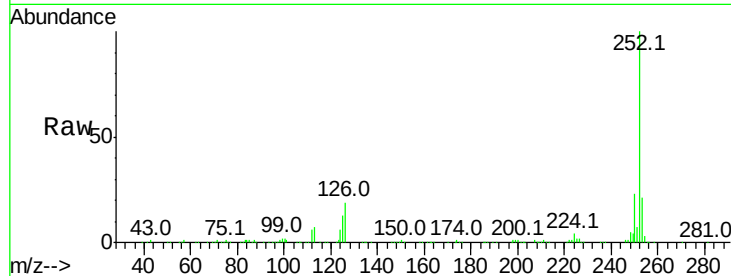


#88
Benzo(k)fluoranthene
Concen: 25.239 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

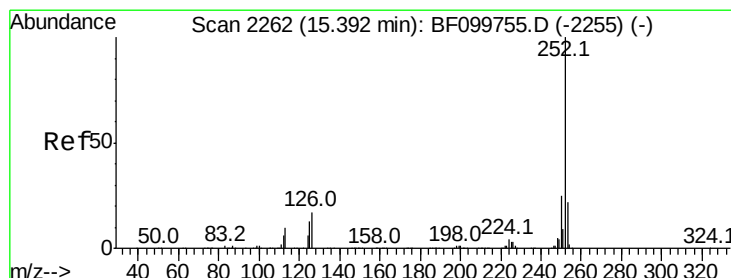
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	13.3	10.2	15.2

Manual Integrations
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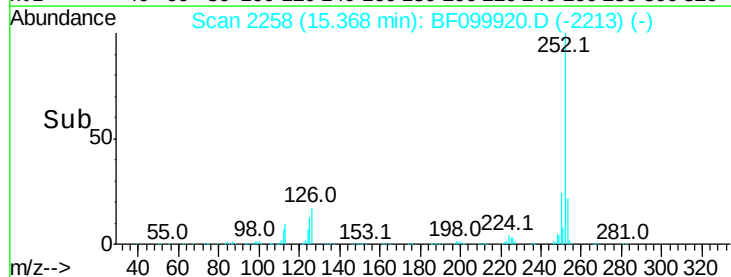
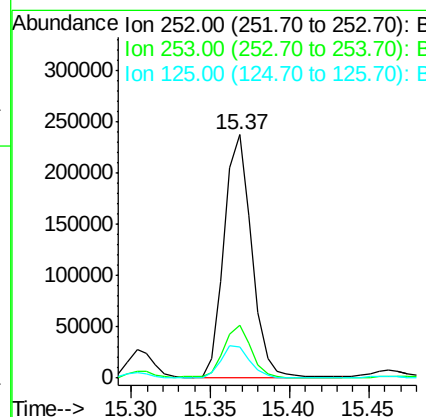
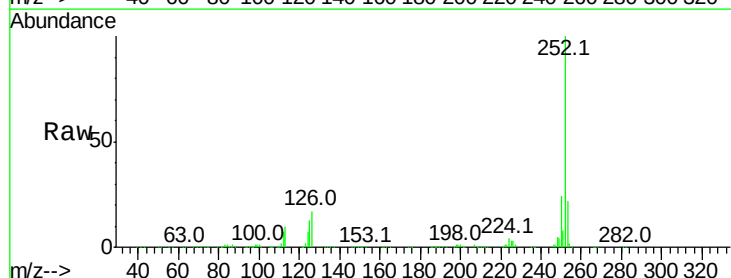
Sohil

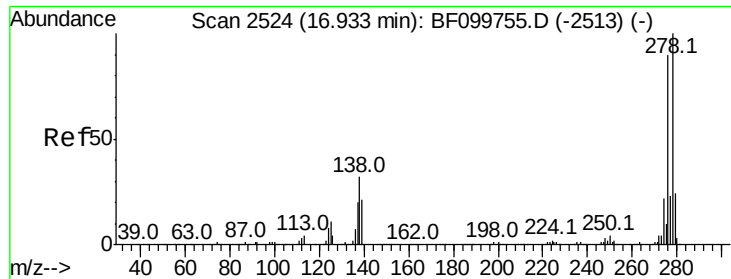
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#89
Benzo(a)pyrene
Concen: 28.407 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.0	9.8	14.6



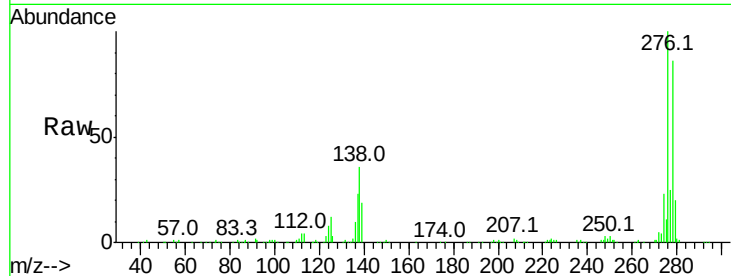


#90
Dibenzo(a,h)anthracene
Concen: 26.226 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.06 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

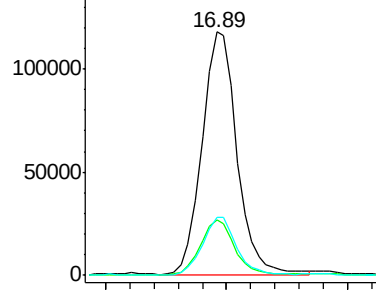
Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	23.7	19.0	28.4

Manual Integrations
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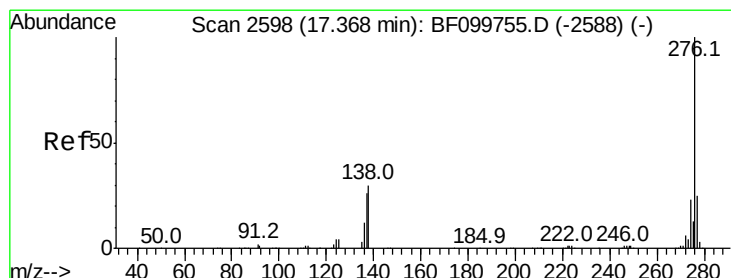
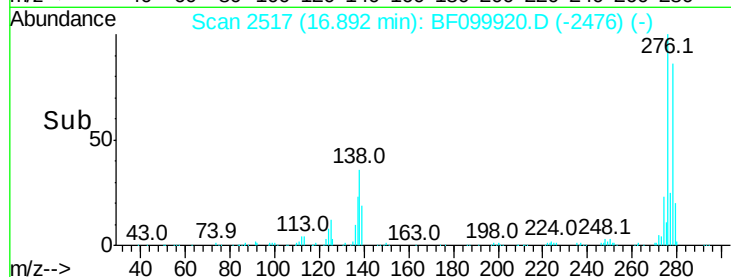


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



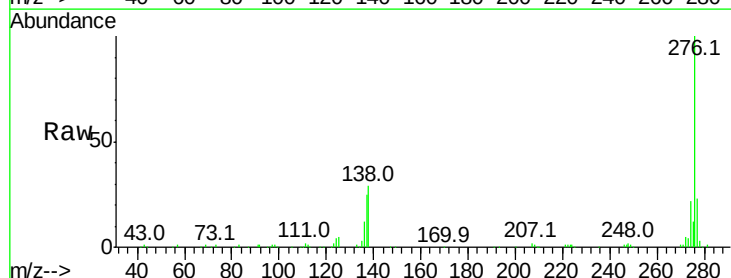
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#91
Benzo(g,h,i)perylene
Concen: 27.805 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.06 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	29.2	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

