

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098903.D
 Acq On : 28 Sep 2017 12:46
 Operator : SJ/JU
 Sample : I5418-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:03:53 PM

Quant Time: Sep 29 04:26:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149287	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	634055	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	286904	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	495413	20.00	ng	0.00
75) Chrysene-d12	14.09	240	251045	20.00	ng	0.00
86) Perylene-d12	15.57	264	244452	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	916576	97.74	ng	0.00
7) Phenol-d6	6.55	99	1133591	97.99	ng	0.00
23) Nitrobenzene-d5	7.48	82	692758	70.07	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	229380	97.71	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1199348	69.79	ng	0.00
78) Terphenyl-d14	13.03	244	914678	82.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	126504	28.239	ng	99
3) Pyridine	3.55	79	335711	27.702	ng	99
4) n-Nitrosodimethylamine	3.50	42	174825	34.020	ng	95
6) Aniline	6.58	93	432198	27.681	ng	99
8) 2-Chlorophenol	6.70	128	348885	32.851	ng	97
9) Benzaldehyde	6.47	77	79397	11.831	ng	98
10) Phenol	6.56	94	477803	36.930	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	336618	33.467	ng	99
12) 1,3-Dichlorobenzene	6.86	146	355841	31.994	ng	98
13) 1,4-Dichlorobenzene	6.93	146	361522	31.948	ng	99
14) 1,2-Dichlorobenzene	7.09	146	342906	32.795	ng	99
15) Benzyl Alcohol	7.06	79	307370	36.217	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	526233	33.580	ng	98
17) 2-Methylphenol	7.16	107	297437	34.229	ng	99
18) Hexachloroethane	7.43	117	130616	32.112	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	234681	31.773	ng	96
20) 3+4-Methylphenols	7.32	107	369414	33.604	ng	# 88
22) Acetophenone	7.33	105	475463	30.951	ng	# 96
24) Nitrobenzene	7.50	77	372851	33.244	ng	100
25) Isophorone	7.73	82	663342	32.451	ng	100
26) 2-Nitrophenol	7.82	139	190994	35.413	ng	92
27) 2,4-Dimethylphenol	7.85	122	324068	31.817	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	428790	33.660	ng	99
29) 2,4-Dichlorophenol	8.05	162	292075	33.400	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	285444	32.636	ng	99
31) Naphthalene	8.22	128	980985	32.942	ng	99
33) 4-Chloroaniline	8.26	127	341926	27.495	ng	99
34) Hexachlorobutadiene	8.33	225	142381	31.606	ng	99
35) Caprolactam	8.63	113	94425m	33.662	ng	
36) 4-Chloro-3-methylphenol	8.75	107	318945	32.449	ng	96
37) 2-Methylnaphthalene	8.91	142	673587	34.795	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	260414	30.435	ng	99
40) Hexachlorocyclopentadiene	9.06	237	233280	59.659	ng	98
42) 2,4,6-Trichlorophenol	9.19	196	194144	32.029	ng	100

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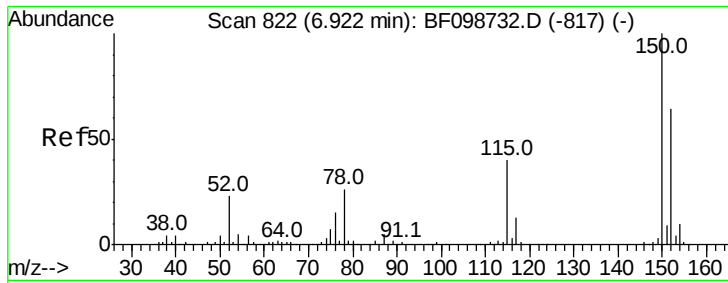
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	205837	34.017	nq	98
45) 1,1'-Biphenyl	9.37	154	762182	30.911	nq	99
46) 2-Chloronaphthalene	9.40	162	609120	32.901	nq	97
47) 2-Nitroaniline	9.50	65	202510	35.723	nq	95
48) Acenaphthylene	9.82	152	923898	32.599	nq	100
49) Dimethylphthalate	9.67	163	845818	39.061	nq	100
50) 2,6-Dinitrotoluene	9.74	165	160973	34.146	nq	93
51) Acenaphthene	9.99	154	602412	33.556	nq	100
52) 3-Nitroaniline	9.90	138	169547	30.845	nq	99
53) 2,4-Dinitrophenol	10.01	184	87661	38.942	nq	96
54) Dibenzofuran	10.16	168	830993	34.765	nq	98
55) 4-Nitrophenol	10.06	139	292620	62.957	nq	99
56) 2,4-Dinitrotoluene	10.14	165	214633	35.081	nq	99
57) Fluorene	10.50	166	636076	33.107	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	149009	35.649	nq	96
59) Diethylphthalate	10.37	149	702489	33.200	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	286114	33.152	nq	98
61) 4-Nitroaniline	10.52	138	173666	32.748	nq	97
62) Azobenzene	10.66	77	691235	35.530	nq	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	87138	28.909	nq	82
65) n-Nitrosodiphenylamine	10.62	169	571855	33.320	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	162671	33.545	nq	95
67) Hexachlorobenzene	11.05	284	160180	30.927	nq	95
68) Atrazine	11.14	200	174411	33.776	nq	99
69) Pentachlorophenol	11.24	266	167283	51.897	nq	99
70) Phenanthrene	11.47	178	897900	33.860	nq	99
71) Anthracene	11.52	178	904566	33.338	nq	100
72) Carbazole	11.67	167	823754	31.002	nq	99
73) Di-n-butylphthalate	12.00	149	1074519	33.597	nq	99
74) Fluoranthene	12.66	202	877544	32.680	nq	100
76) Benzidine	12.77	184	342030	36.836	nq	97
77) Pyrene	12.89	202	855489	44.689	nq	100
79) Butylbenzylphthalate	13.50	149	376887	41.891	nq	94
80) Benzo(a)anthracene	14.07	228	526767	34.653	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	171164	30.715	nq	97
82) Chrysene	14.11	228	489460	33.820	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	508474	41.045	nq #	100
84) Di-n-octyl phthalate	14.66	149	694212	34.802	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	554356	47.884	nq	97
87) Benzo(b)fluoranthene	15.13	252	496586	33.040	nq #	97
88) Benzo(k)fluoranthene	15.16	252	424957	28.626	nq	98
89) Benzo(a)pyrene	15.51	252	462956	33.556	nq #	97
90) Dibenzo(a,h)anthracene	17.11	278	456627	41.357	nq	99
91) Benzo(g,h,i)perylene	17.55	276	457959	41.961	nq	96

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



#1

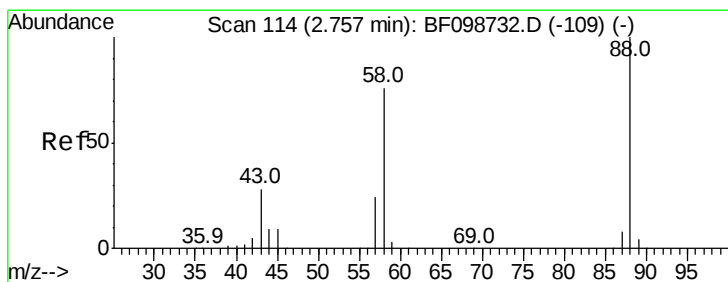
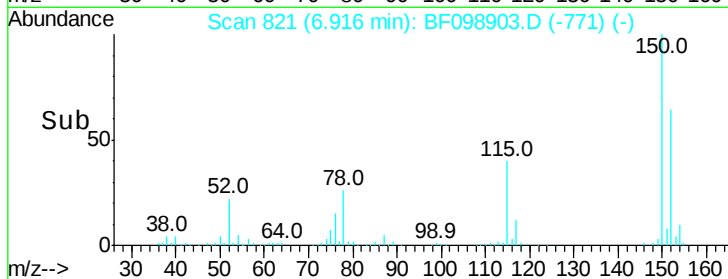
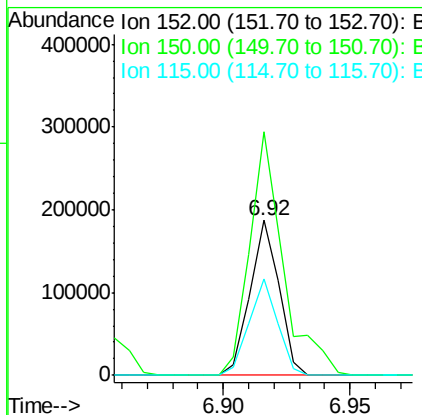
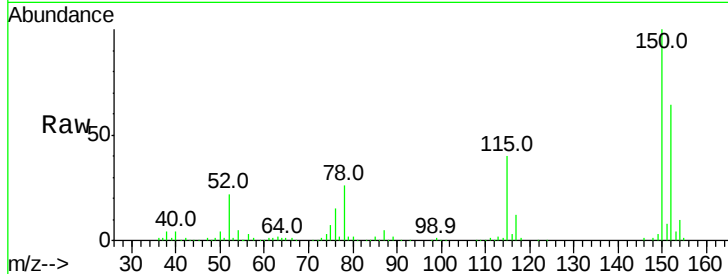
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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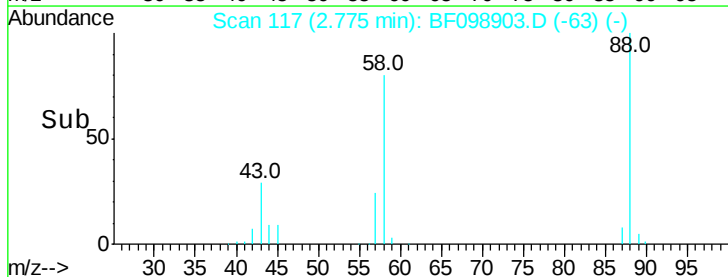
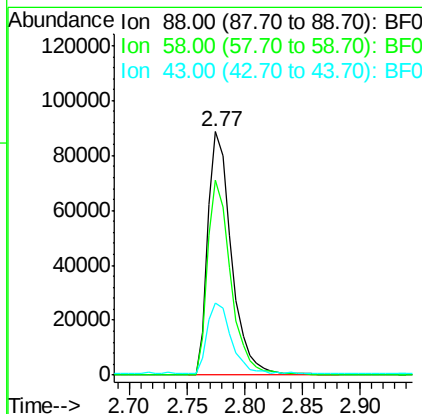
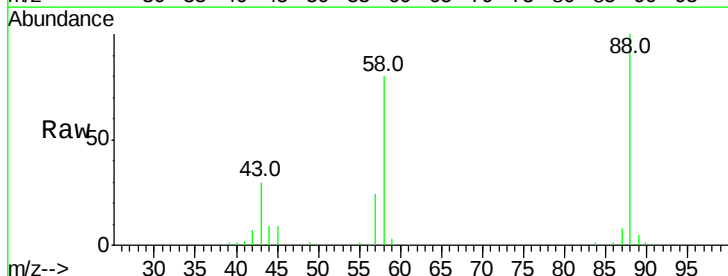
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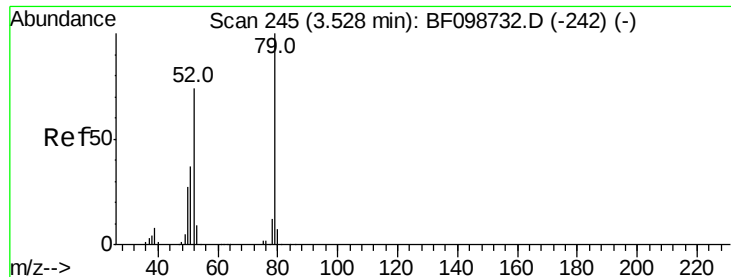


#2

1,4-Dioxane
Concen: 28.239 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.6	93.8
43	29.3	24.6	37.0





#3

Pvridine

Concen: 27.702 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.02 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

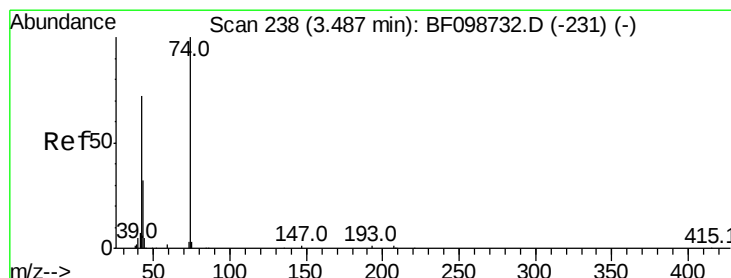
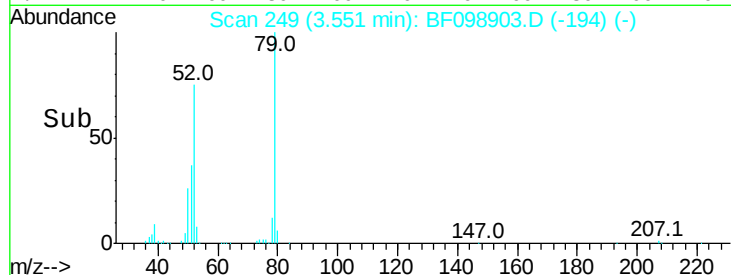
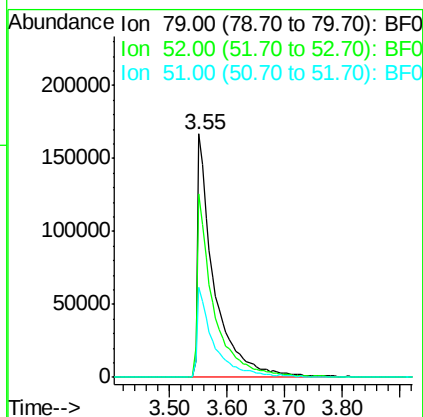
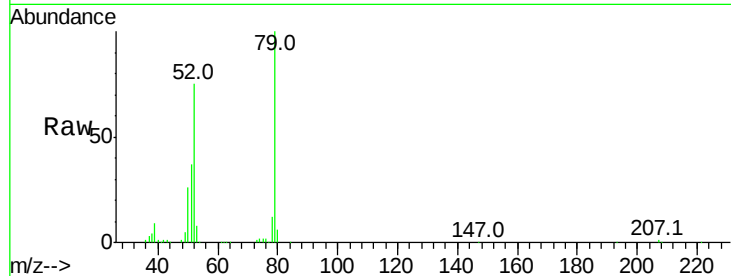
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	79	Resp:	335711
Ion Ratio	Lower	Upper	
79	100		
52	75.3	59.8	89.6
51	36.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.020 ng

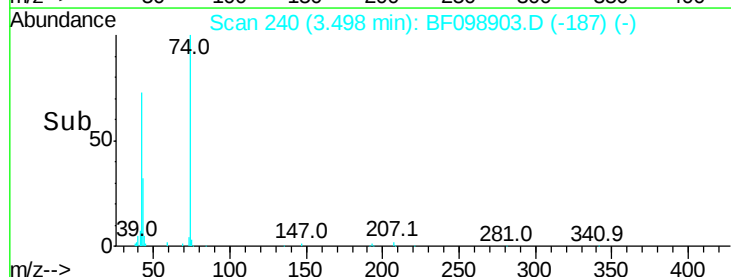
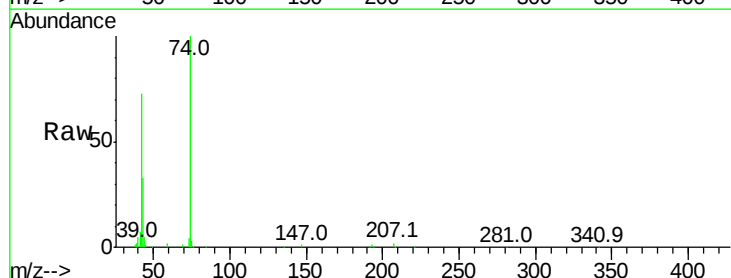
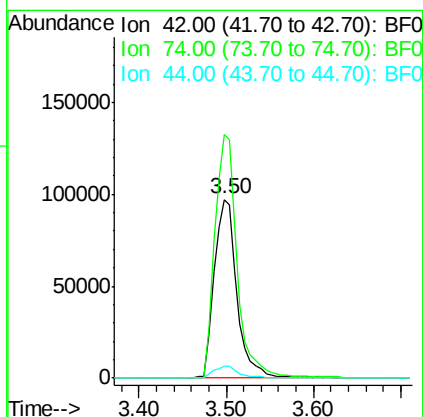
RT: 3.50 min Scan# 240

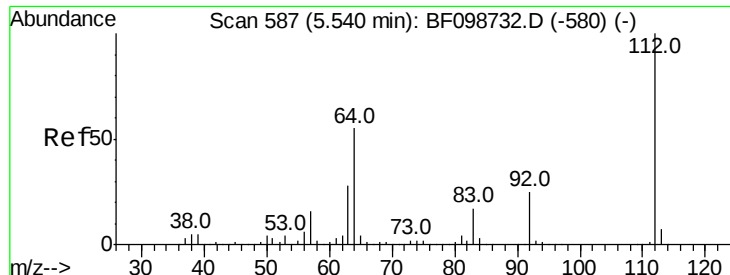
Delta R.T. 0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	42	Resp:	174825
Ion Ratio	Lower	Upper	
42	100		
74	136.5	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 97.738 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

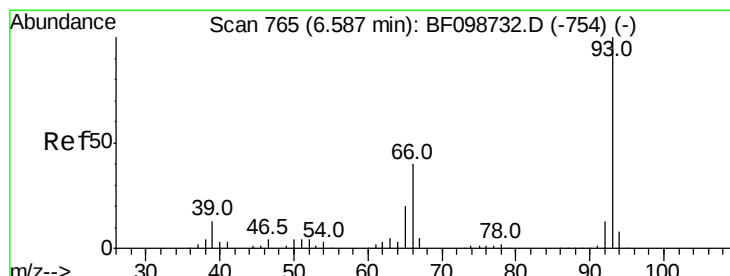
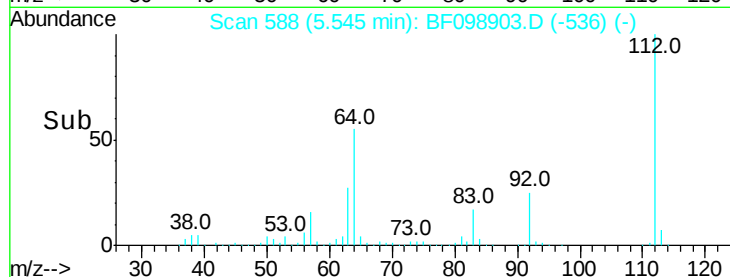
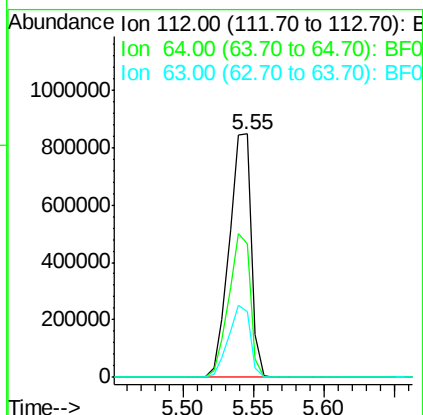
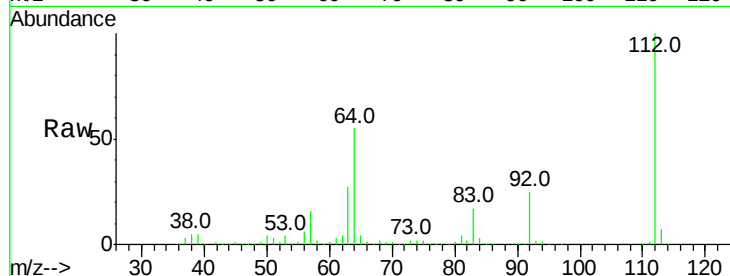
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	112	Resp:	916576
Ion Ratio	Lower	Upper	
112	100		
64	54.7	47.9	71.9
63	27.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 27.681 ng

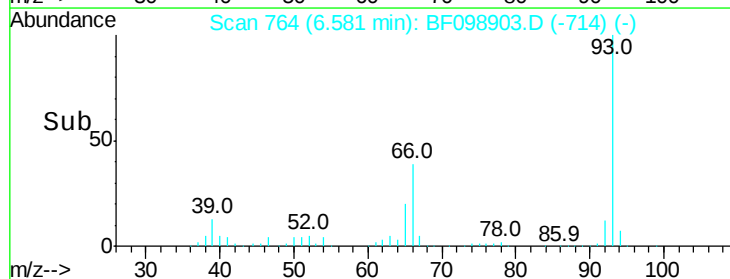
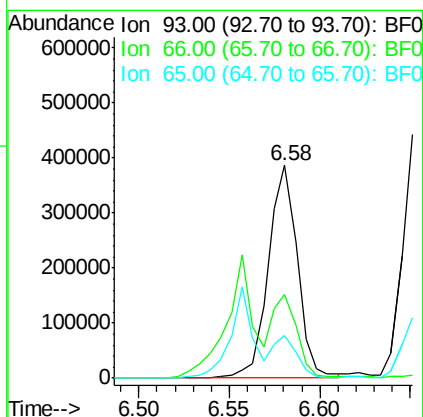
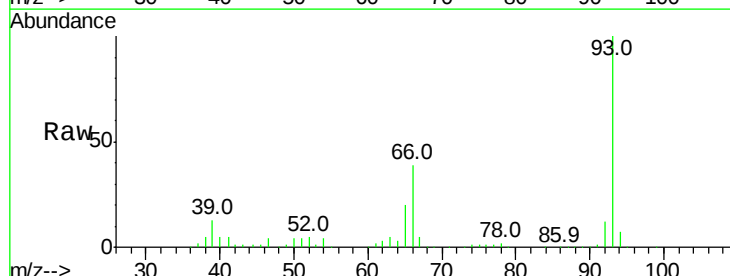
RT: 6.58 min Scan# 764

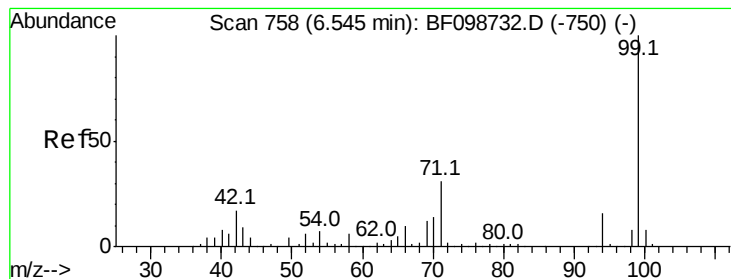
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	93	Resp:	432198
Ion Ratio	Lower	Upper	
93	100		
66	39.2	32.2	48.2
65	20.1	16.4	24.6





#7

Phenol-d6

Concen: 97.988 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion: 99 Resp: 1133591

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

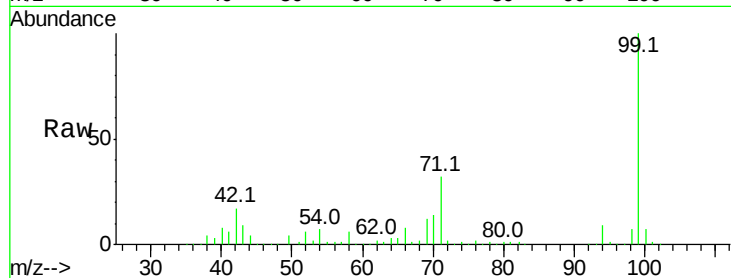
71 31.6 25.4 38.0

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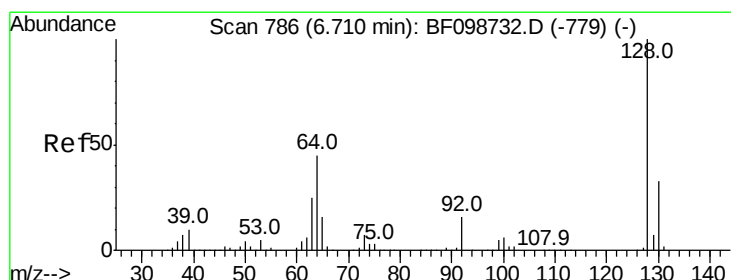
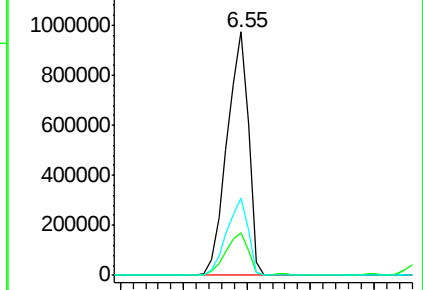
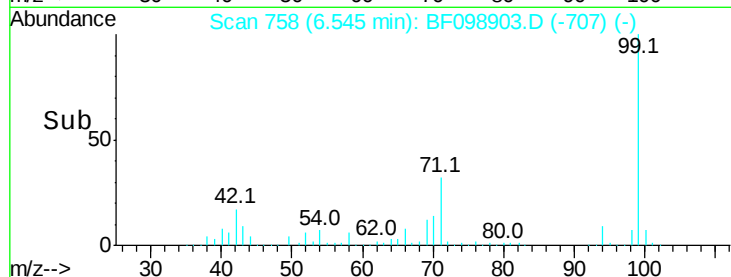
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.851 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

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Acq: 28 Sep 2017 12:46

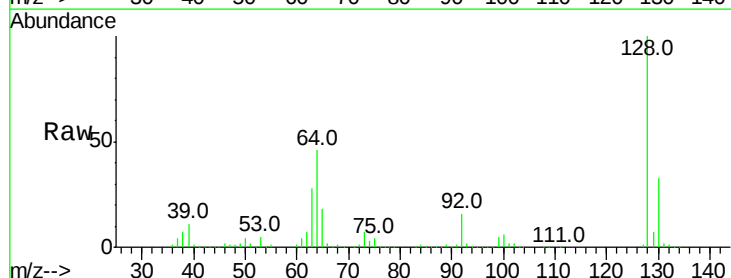
Tgt Ion: 128 Resp: 348885

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

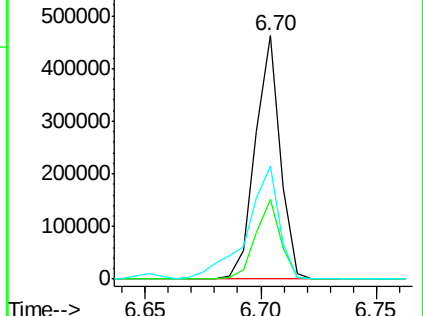
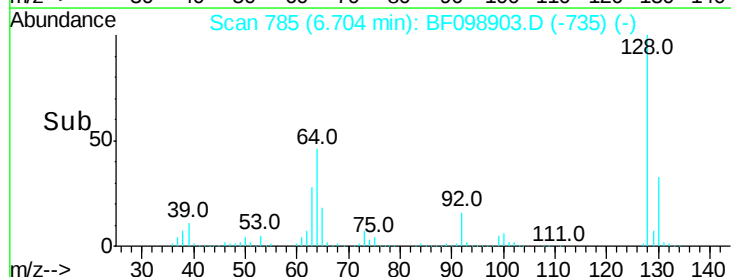
64 46.3 29.4 69.4

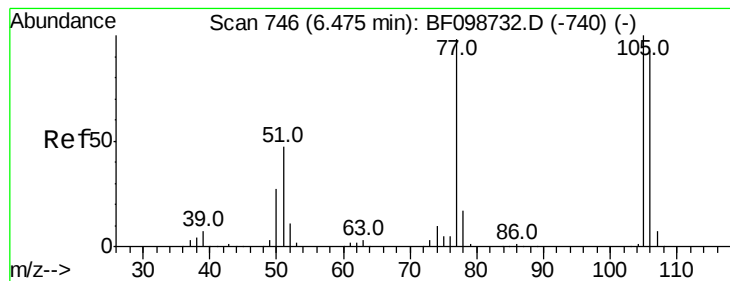


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.831 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion: 77 Resp: 79397

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

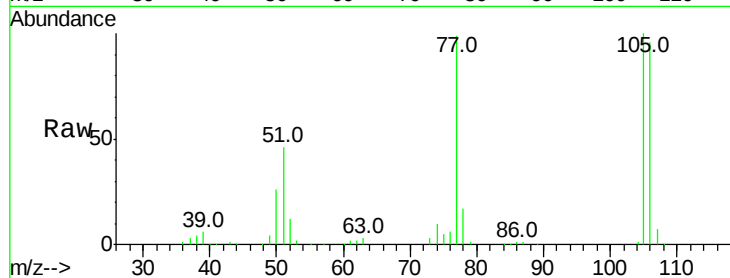
106 97.6 74.5 114.5

Manual Integrations

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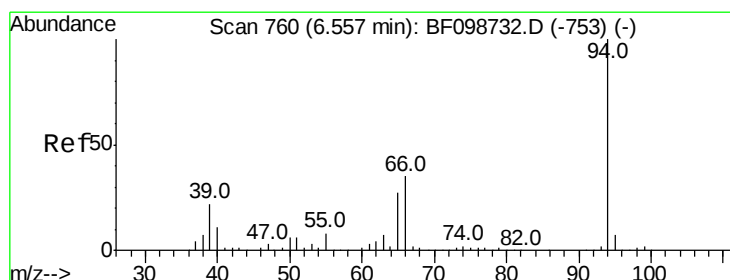
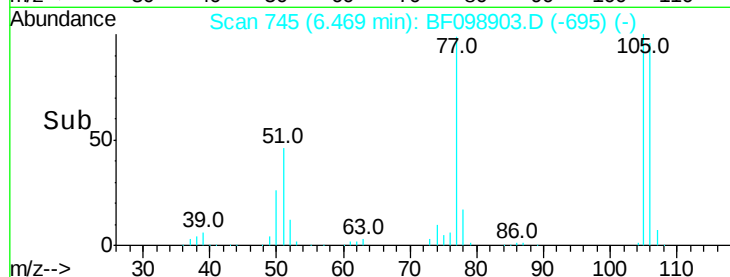
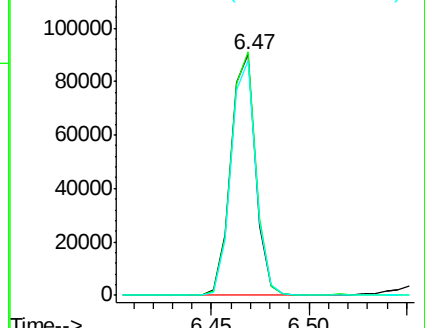
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.930 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

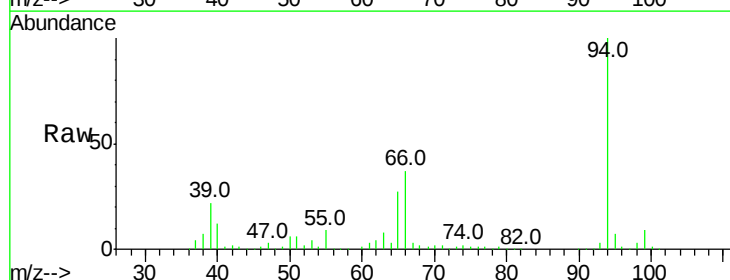
Tgt Ion: 94 Resp: 477803

Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

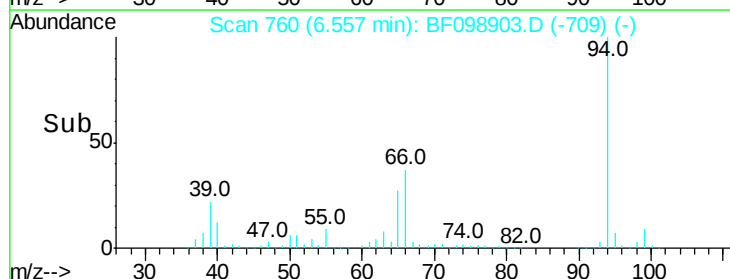
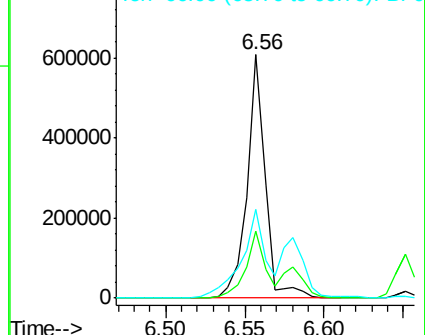
66 36.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.467 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

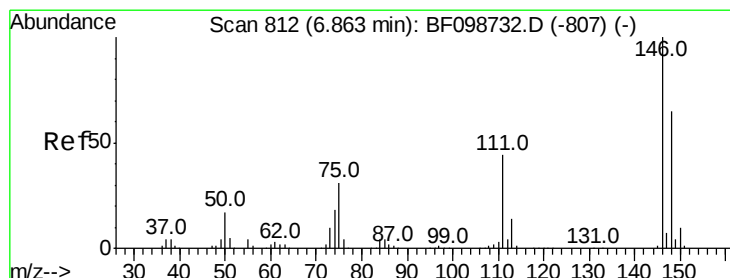
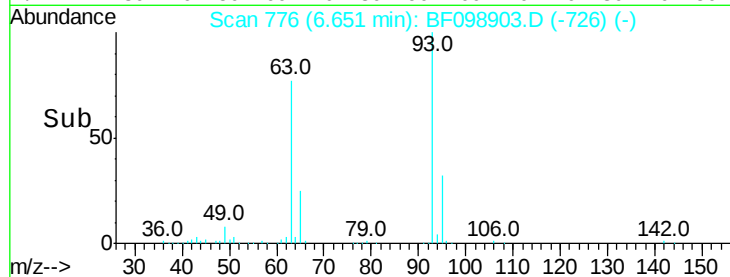
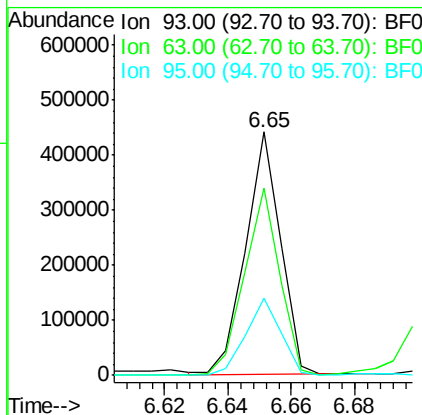
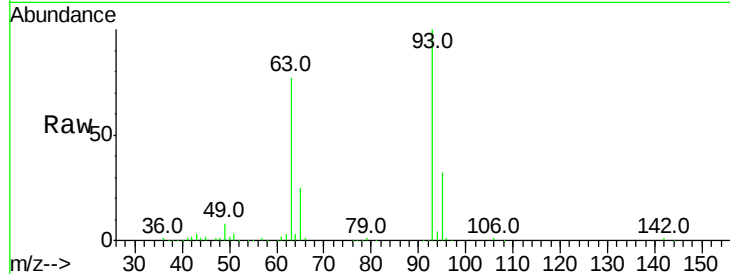
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	93	Resp:	336618
Ion Ratio	Lower	Upper	
93	100		
63	77.1	58.6	98.6
95	31.8	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 31.994 ng

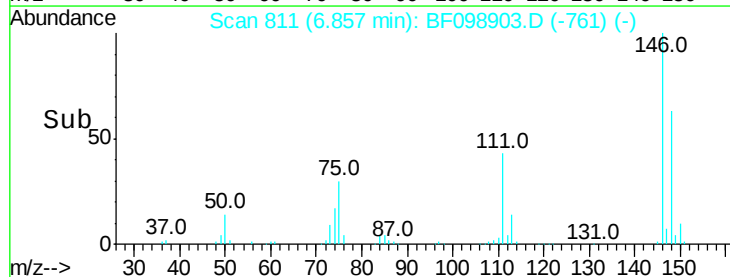
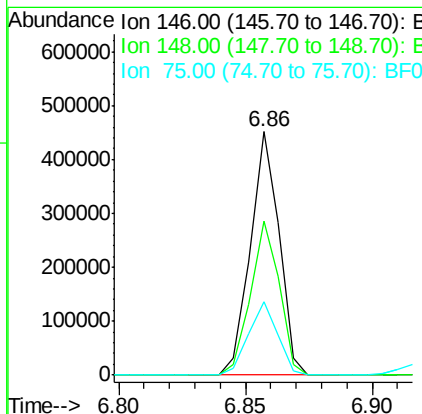
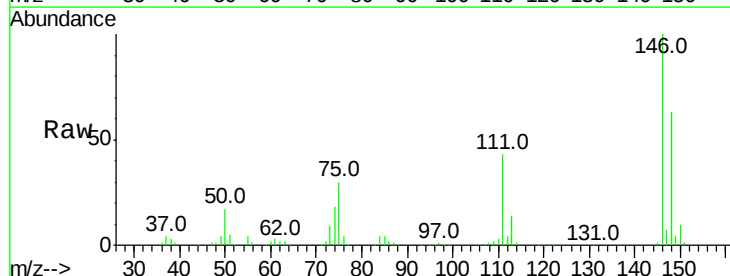
RT: 6.86 min Scan# 811

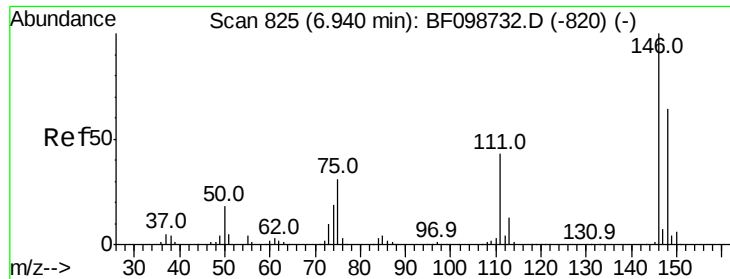
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	146	Resp:	355841
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	30.3	24.2	36.4





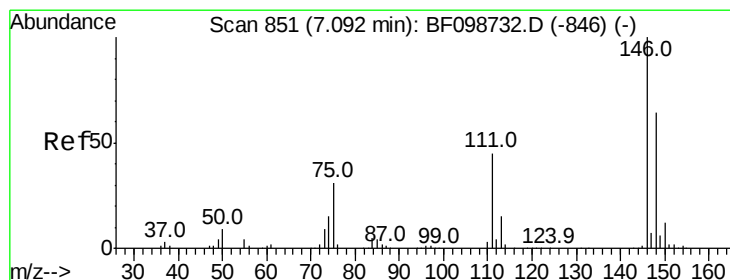
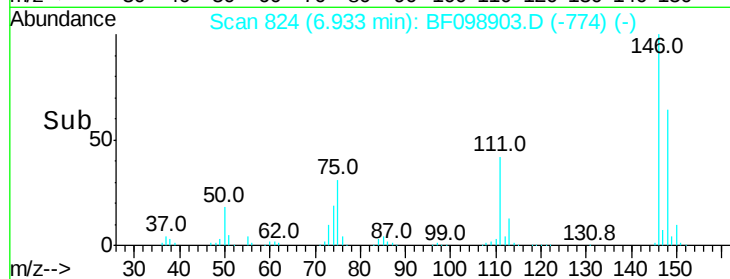
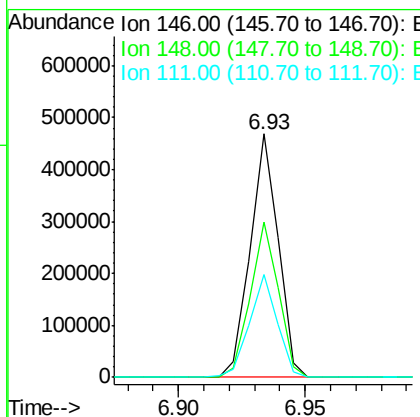
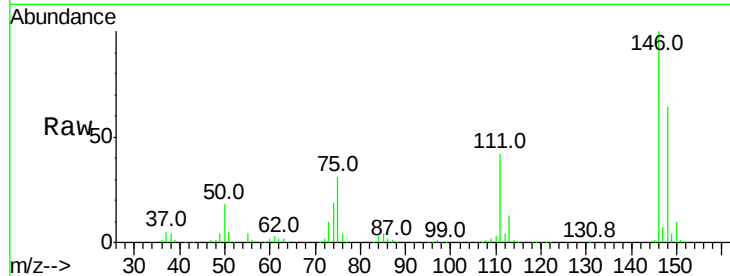
#13
 1,4-Dichlorobenzene
 Concen: 31.948 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	42.1	34.2	51.2

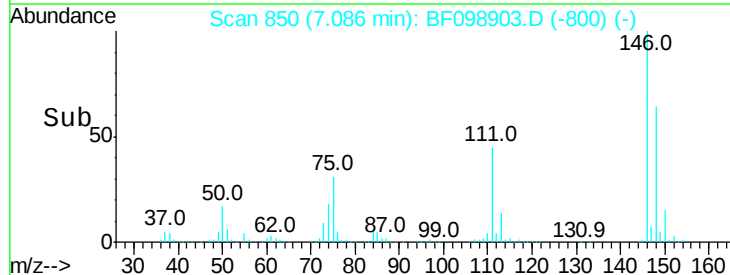
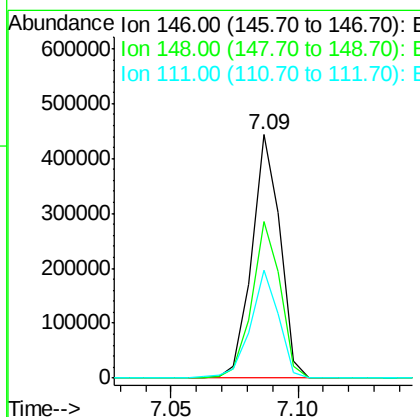
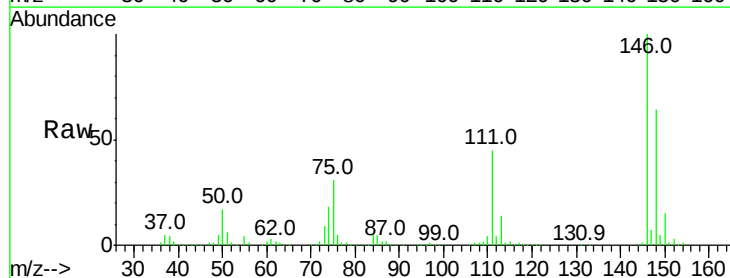
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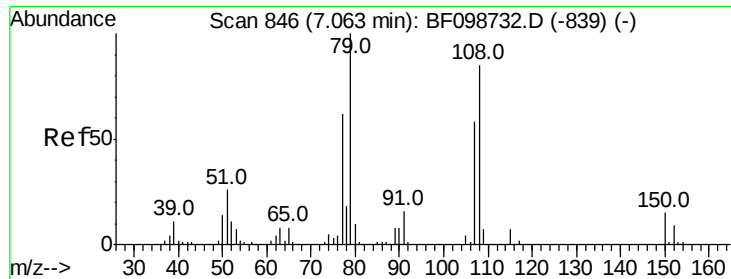
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#14
 1,2-Dichlorobenzene
 Concen: 32.795 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.217 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion: 79 Resp: 307370

Ion Ratio Lower Upper

79 100

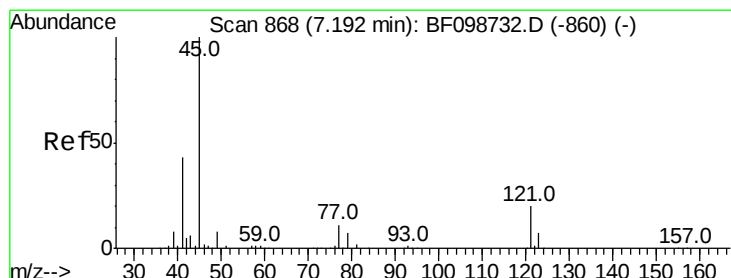
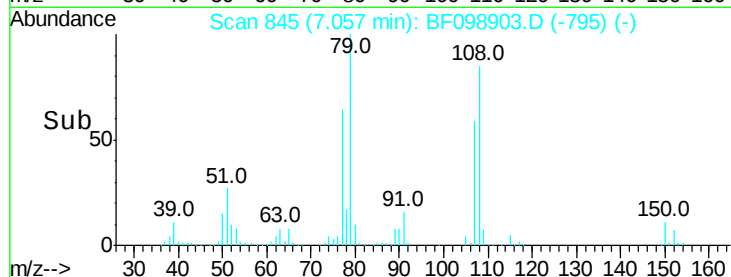
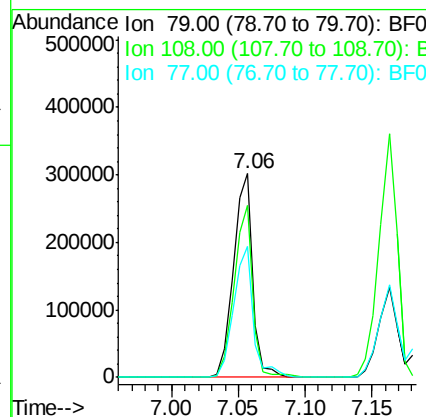
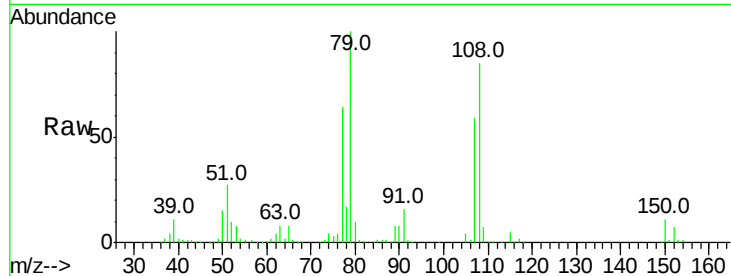
108 84.6 65.1 97.7

77 64.4 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.580 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

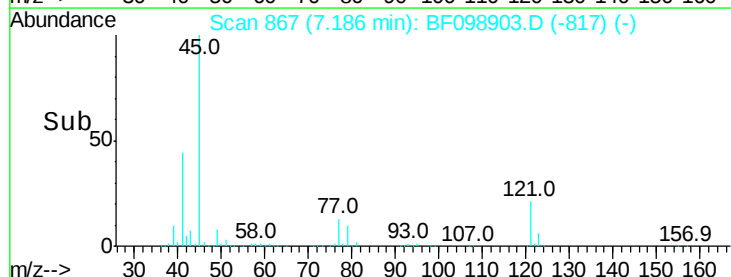
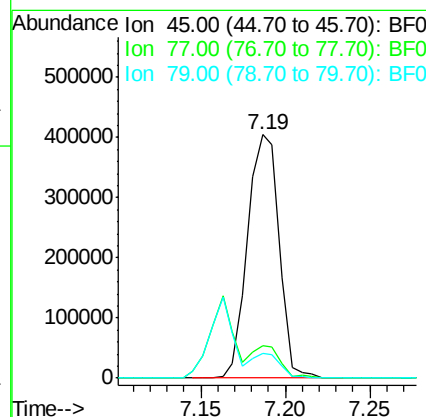
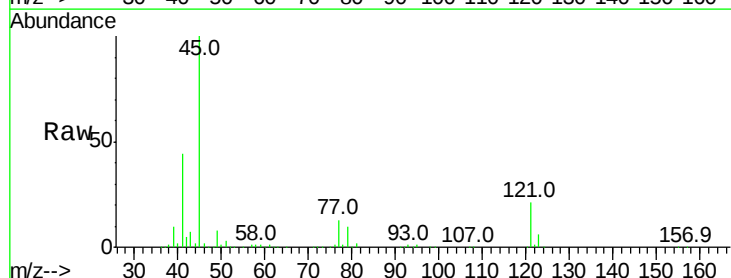
Tgt Ion: 45 Resp: 526233

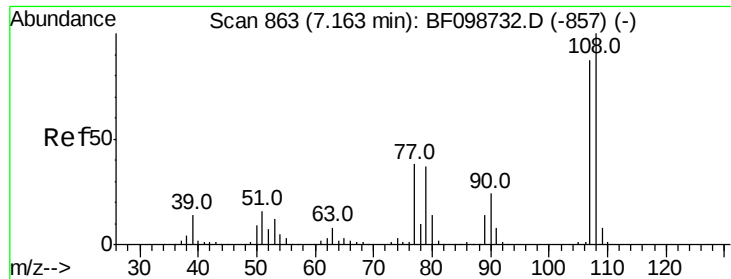
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.3 0.0 29.6





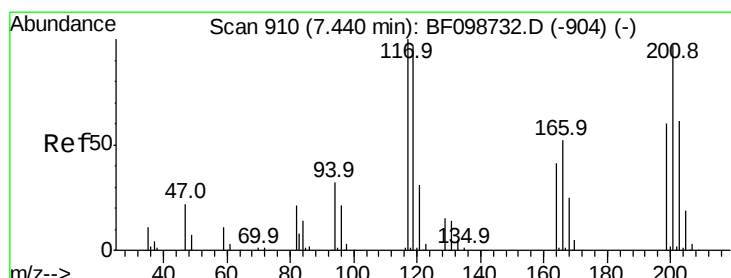
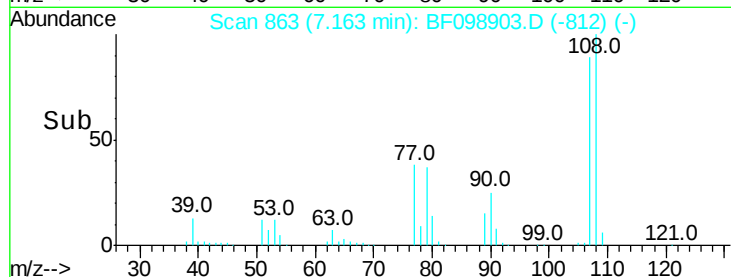
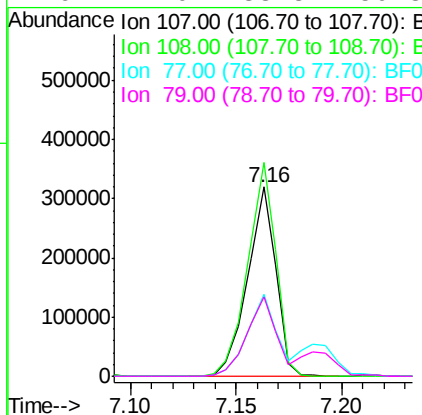
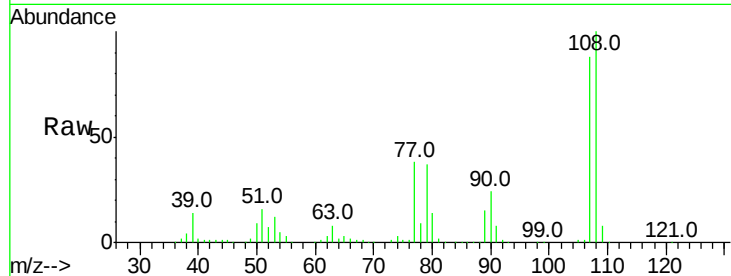
#17
2-Methylphenol
Concen: 34.229 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	107	Resp	297437
Ion Ratio	Lower	Upper	
107	100		
108	113.0	91.7	137.5
77	43.1	33.8	50.8
79	42.0	33.8	50.8

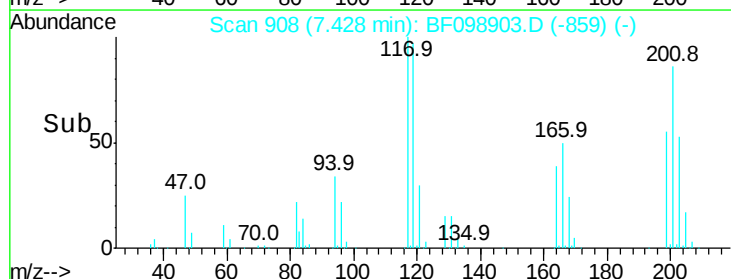
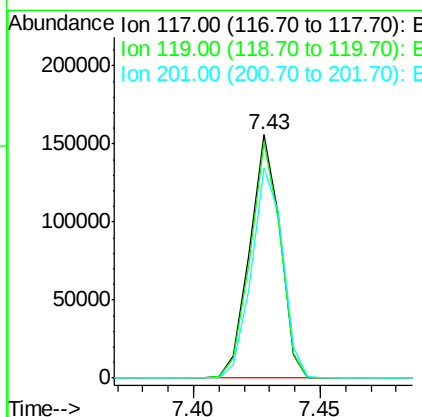
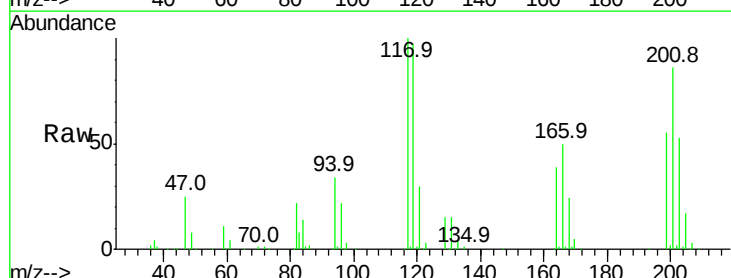
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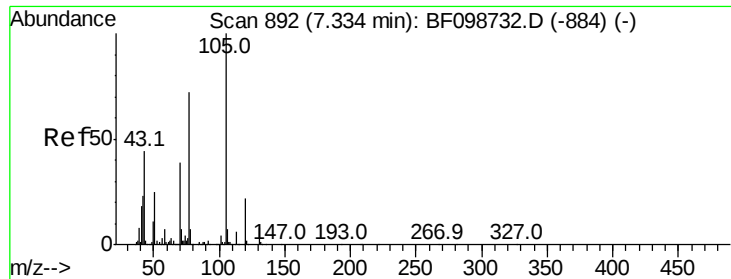
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#18
Hexachloroethane
Concen: 32.112 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	117	Resp	130616
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	86.2	75.7	113.5





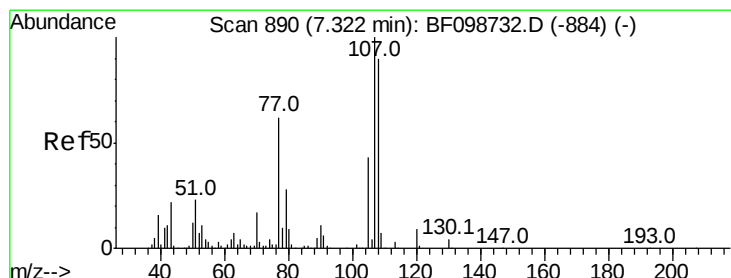
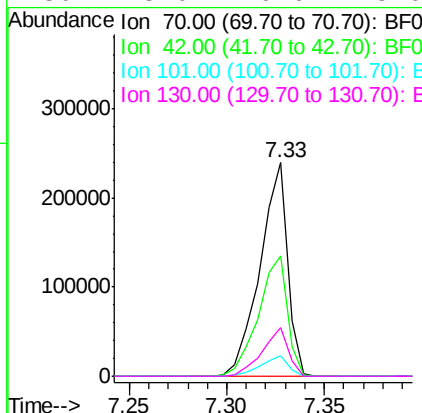
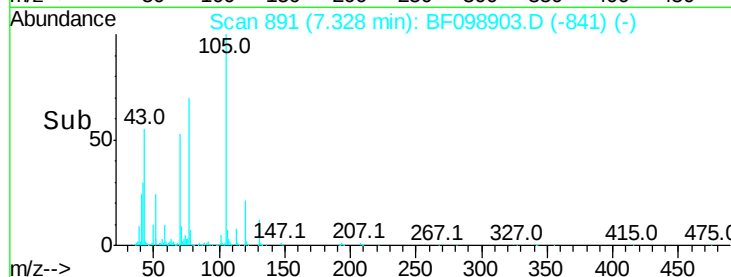
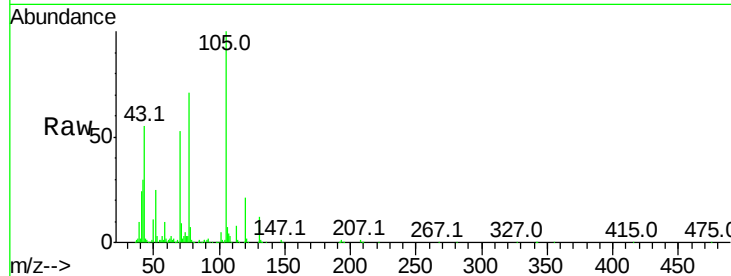
#19
n-Nitroso-di-n-propylamine
Concen: 31.773 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.5	71.3
101	9.7	7.4	11.2
130	23.0	16.6	25.0

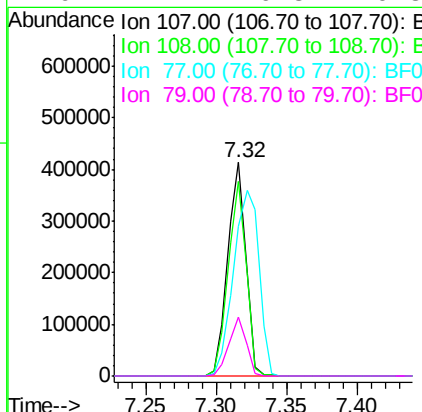
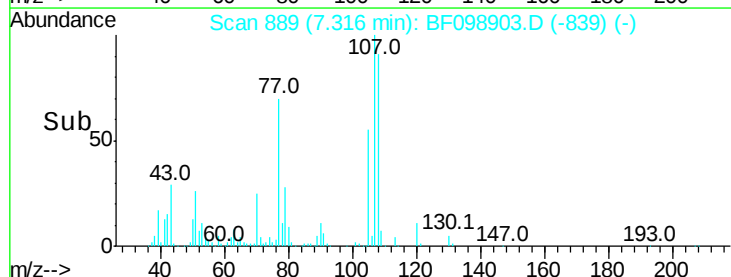
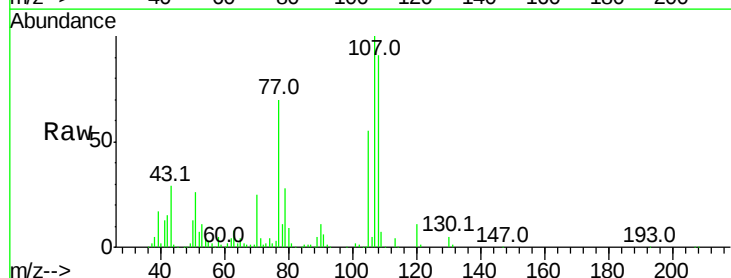
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#20
3+4-Methylphenols
Concen: 33.604 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	70.1	26.7	66.7#
79	27.7	6.3	46.3





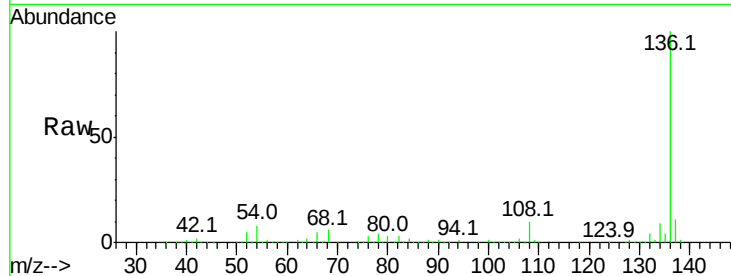
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

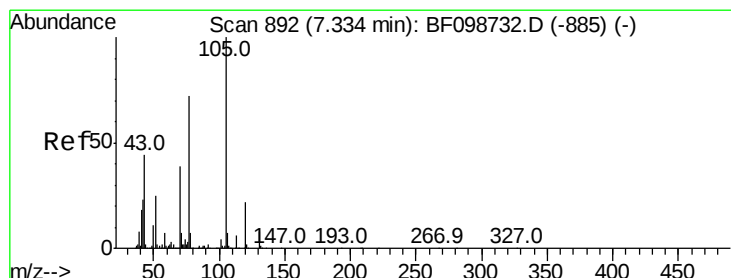
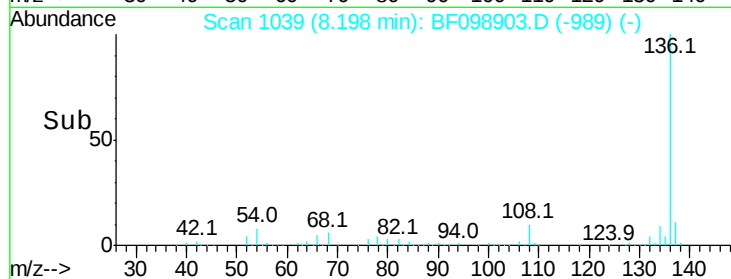
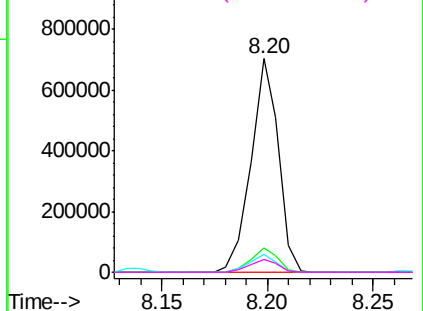
Tot Ion	Ratio	Resp	Lower	Upper
136	100	634055		
137	11.3		8.9	13.3
54	8.4		6.6	9.8
68	6.3		5.0	7.4

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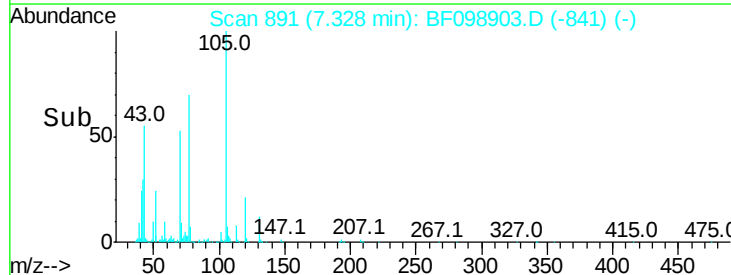
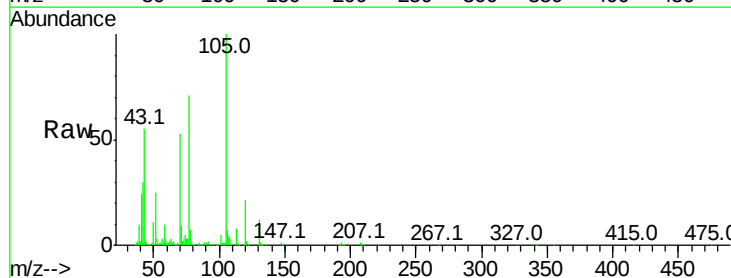
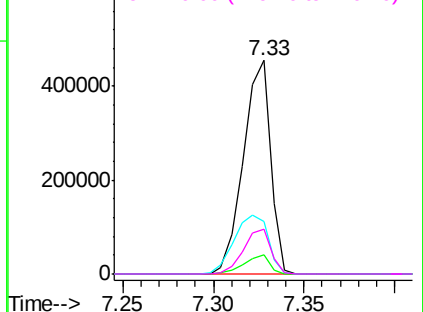
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

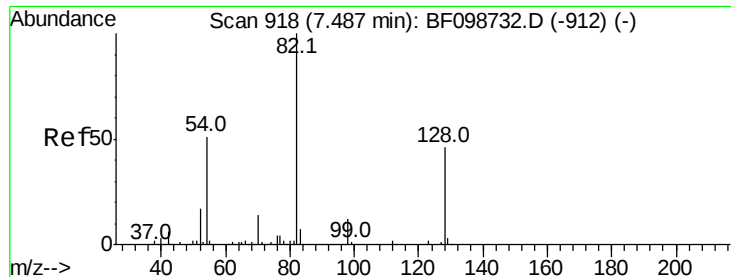


#22
Acetophenone
Concen: 30.951 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475463		
71	9.0		4.4	6.6#
51	24.6		22.3	33.5
120	21.2		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





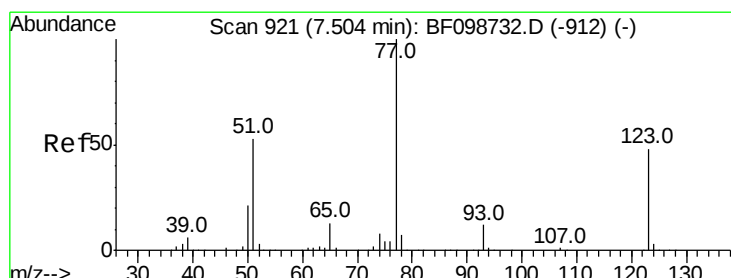
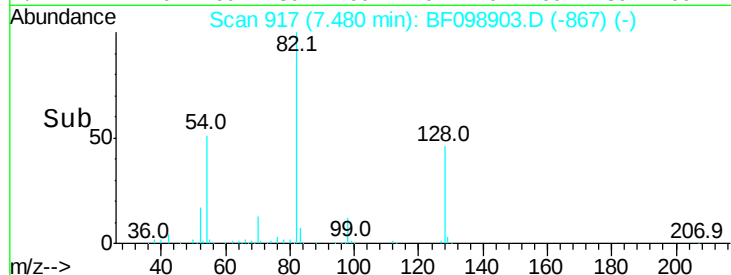
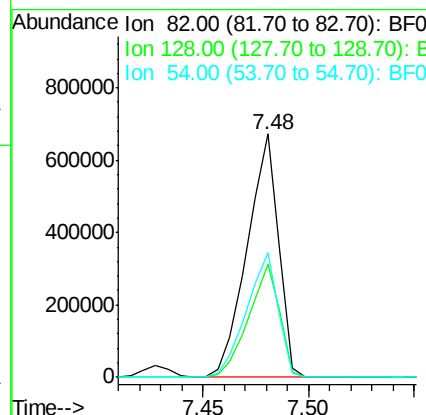
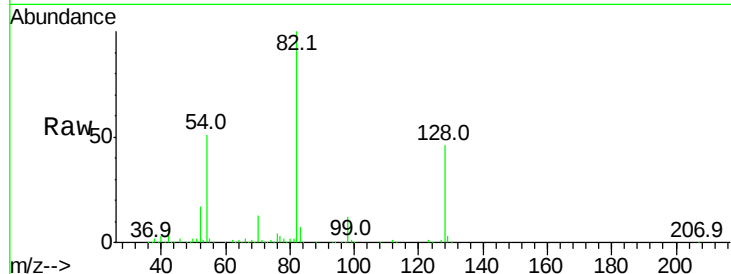
#23
 Nitrobenzene-d5
 Concen: 70.068 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	51.3	41.4	62.2

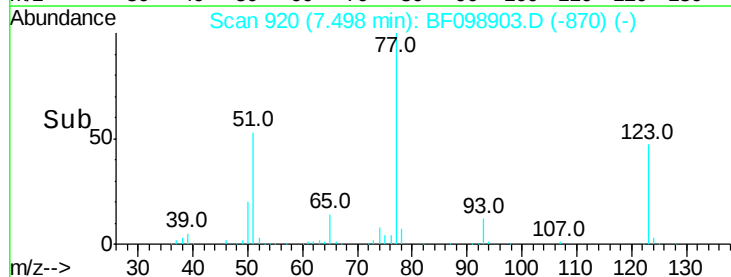
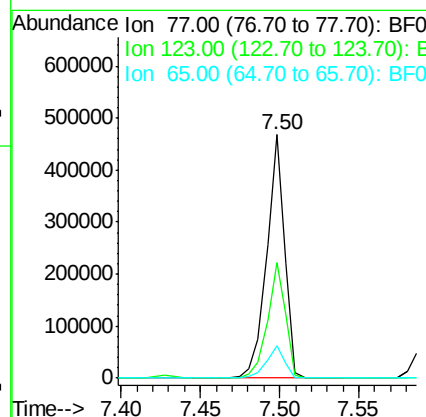
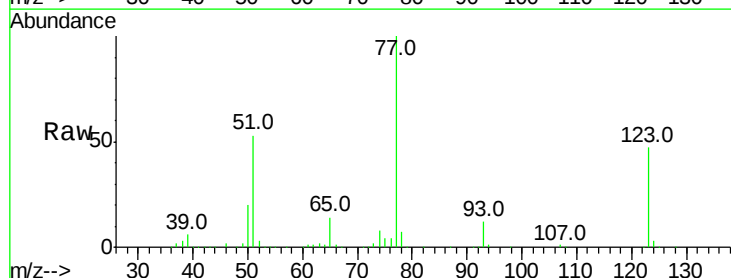
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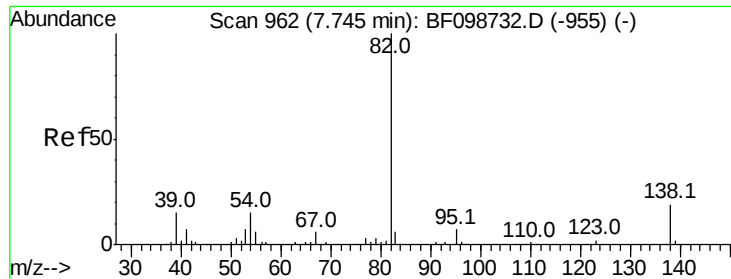
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#24
 Nitrobenzene
 Concen: 33.244 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 32.451 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

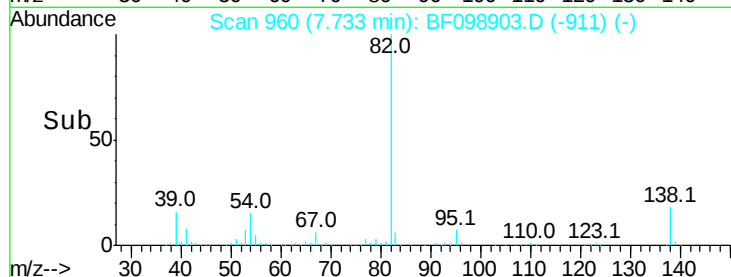
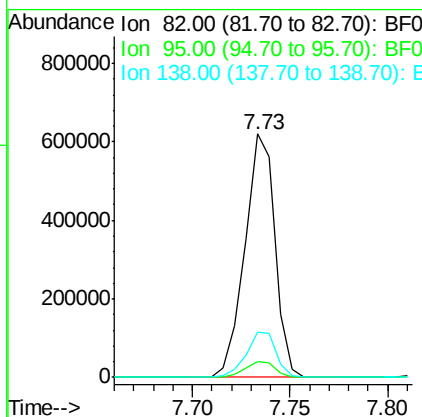
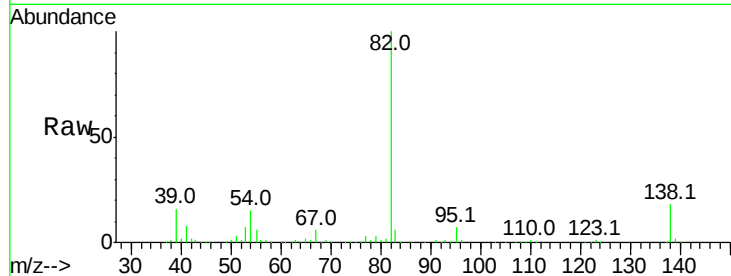
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	82	Resp:	663342
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 35.413 ng

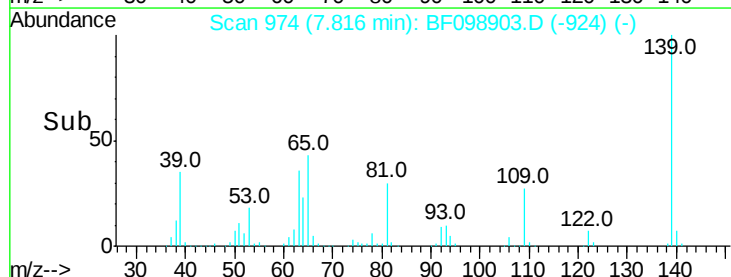
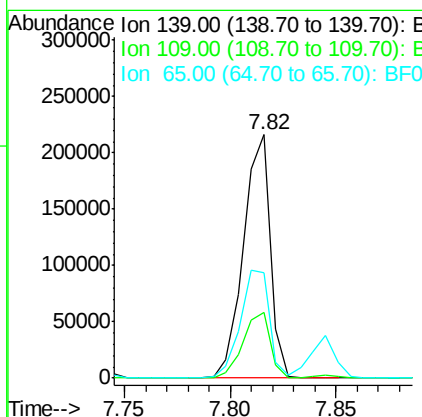
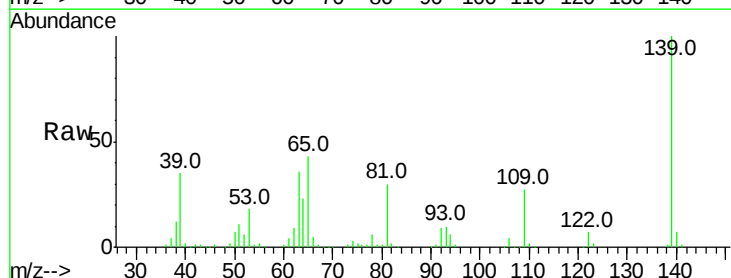
RT: 7.82 min Scan# 974

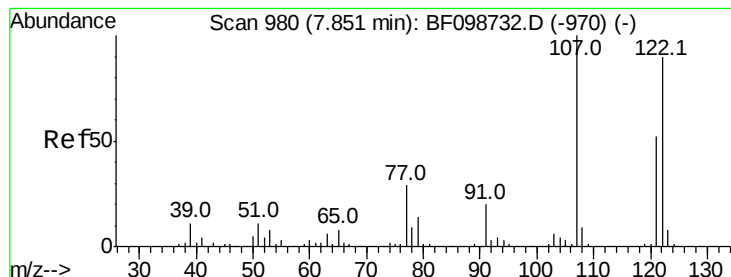
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	139	Resp:	190994
Ion Ratio		Lower	Upper
139	100		
109	27.0	22.7	34.1
65	43.3	40.5	60.7





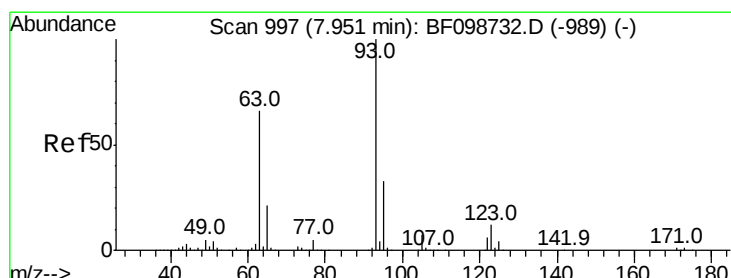
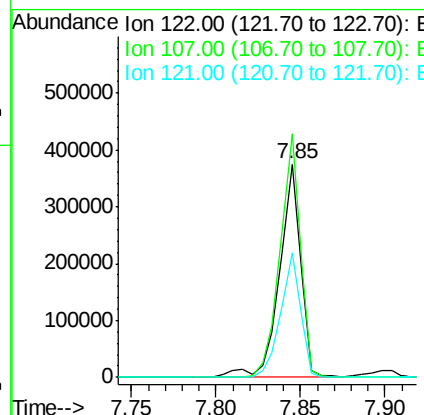
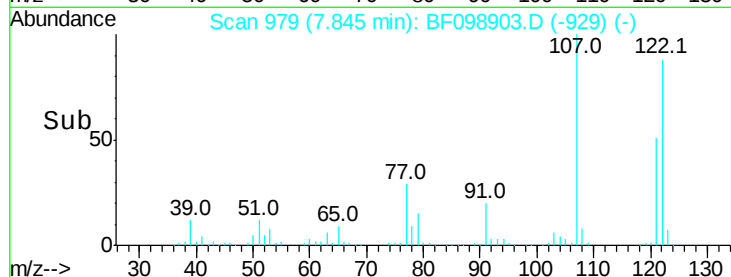
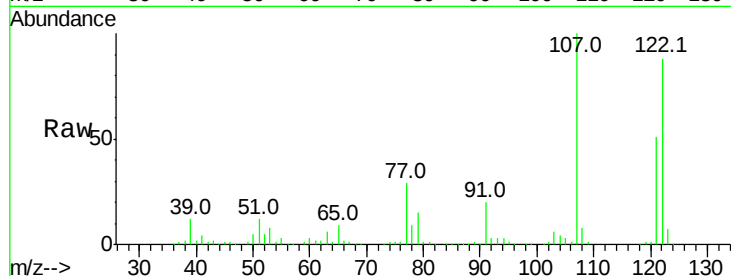
#27
 2,4-Dimethylphenol
 Concen: 31.817 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	122	Resp:	324068
Ion Ratio	Lower	Upper	
122	100		
107	114.2	91.2	136.8
121	58.3	47.2	70.8

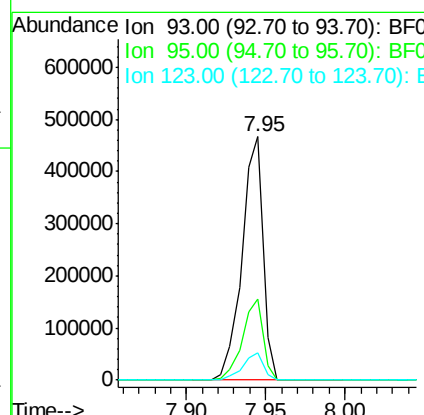
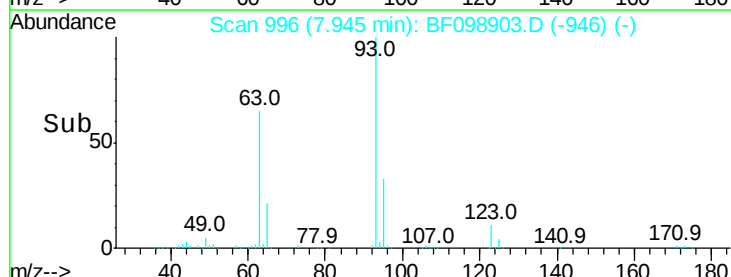
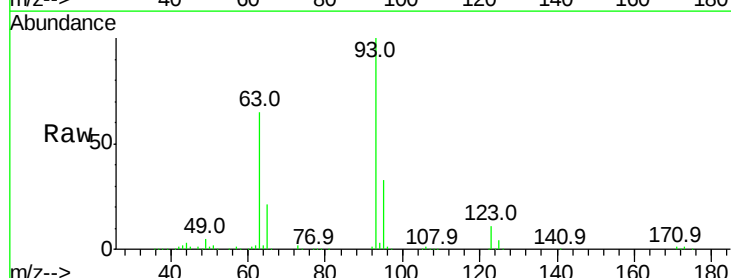
Manual Integrations
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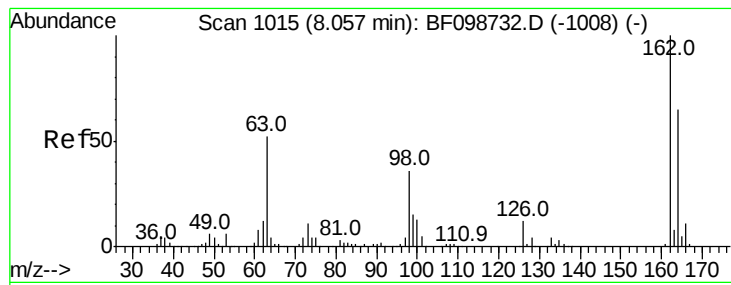
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.660 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:	93	Resp:	428790
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	11.2	9.8	14.6





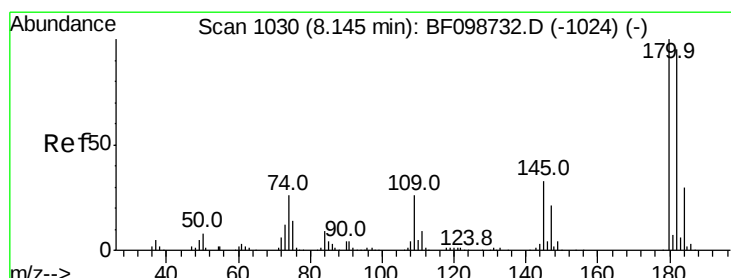
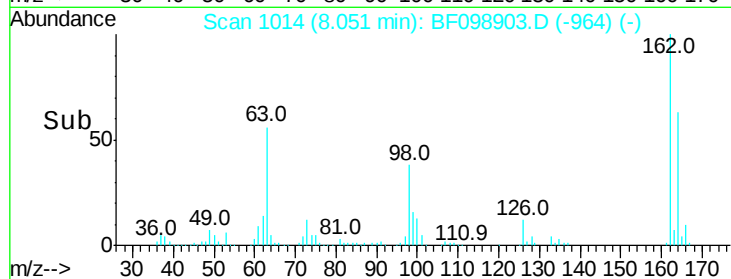
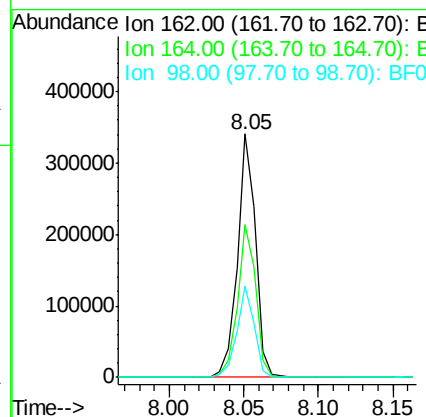
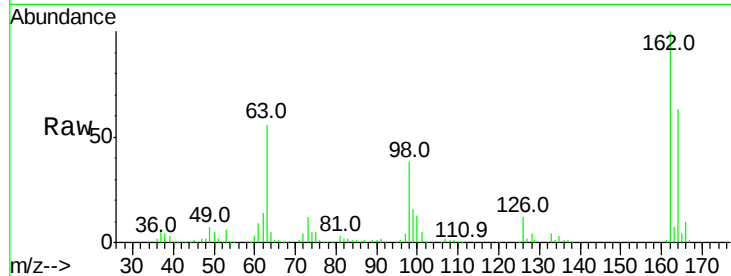
#29
 2,4-Dichlorophenol
 Concen: 33.400 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	292075		
164	62.6	42.7	82.7	
98	37.6	18.1	58.1	

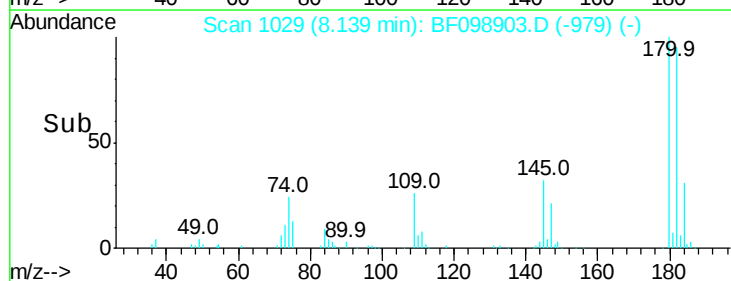
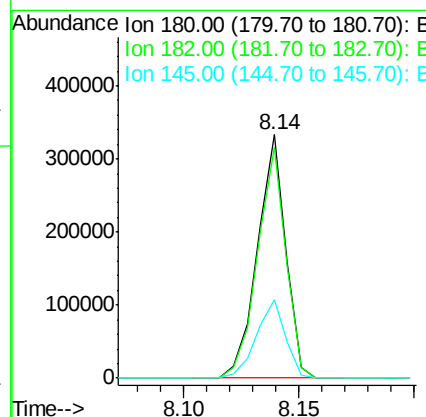
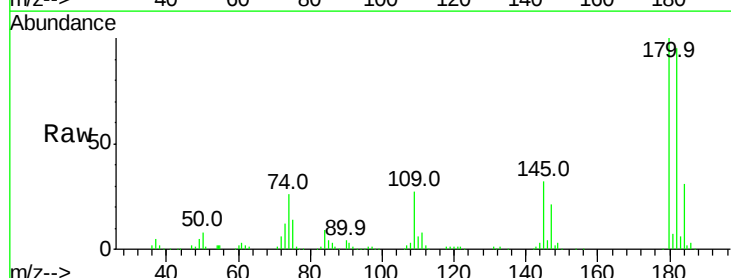
Manual Integrations
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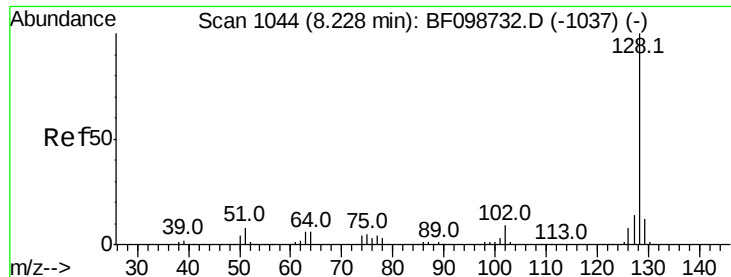
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.636 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285444		
182	95.1	76.8	115.2	
145	32.3	26.5	39.7	





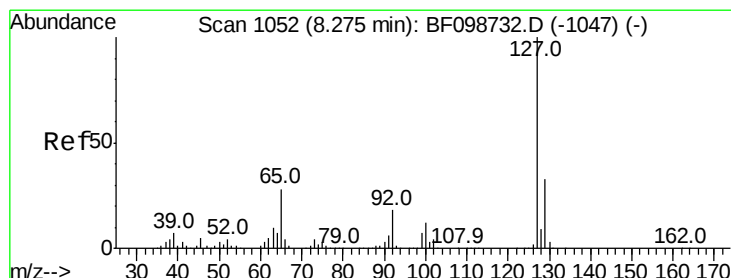
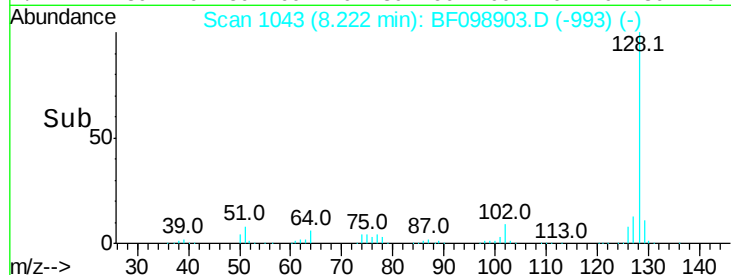
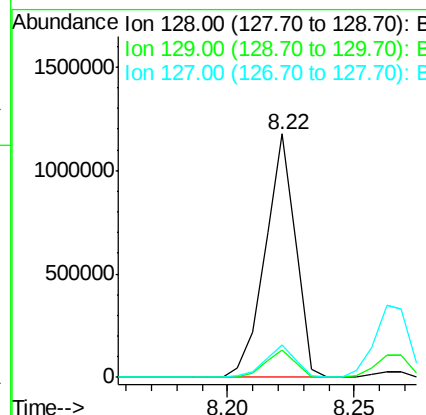
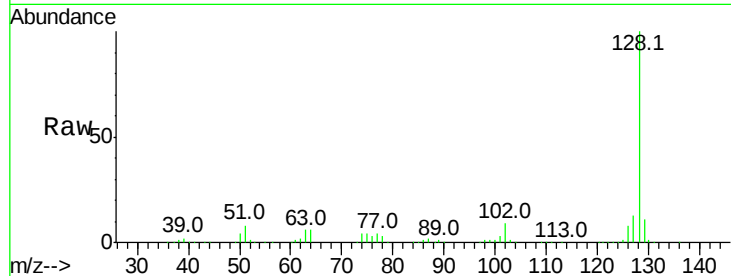
#31
Naphthalene
Concen: 32.942 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3

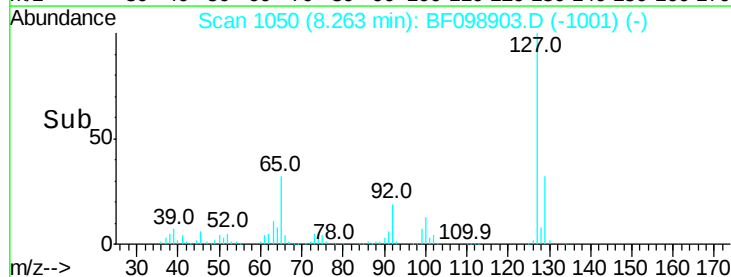
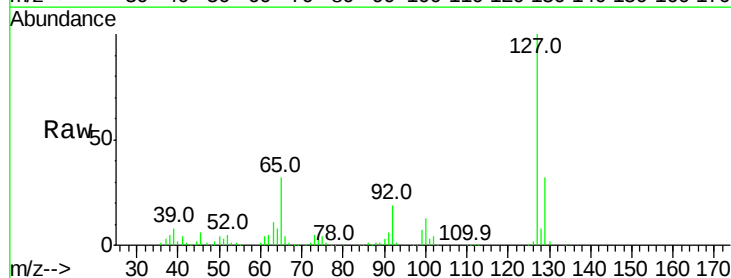
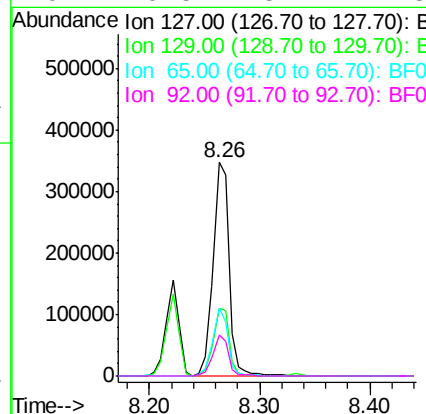
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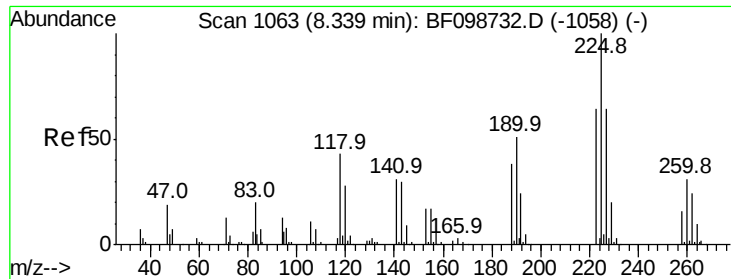
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#33
4-Chloroaniline
Concen: 27.495 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	25.9	38.9
65	31.8	25.0	37.4
92	19.5	15.2	22.8





#34

Hexachlorobutadiene

Concen: 31.606 ng

RT: 8.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

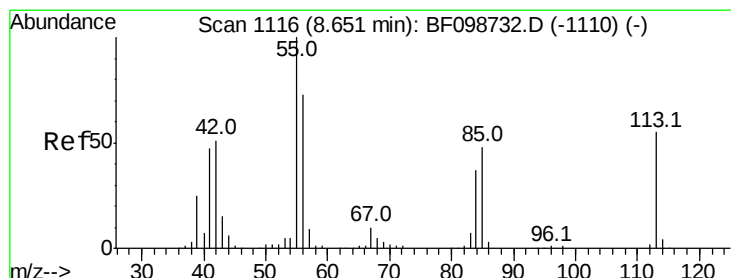
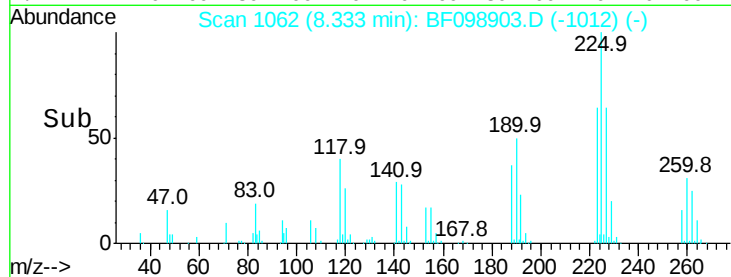
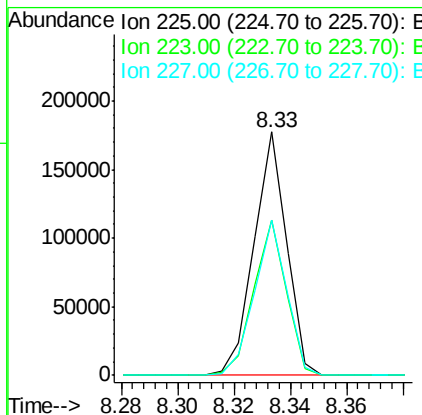
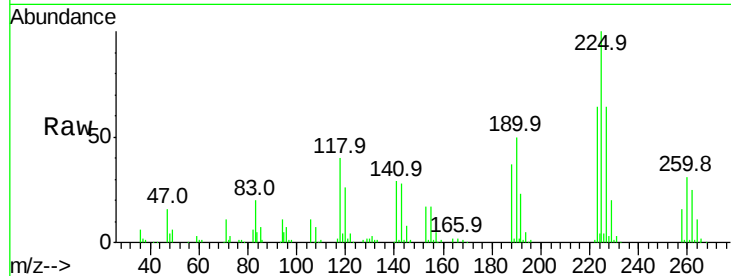
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	225	Resp:	142381
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.6	76.0
227	63.6	51.9	77.9

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#35

Caprolactam

Concen: 33.662 ng m

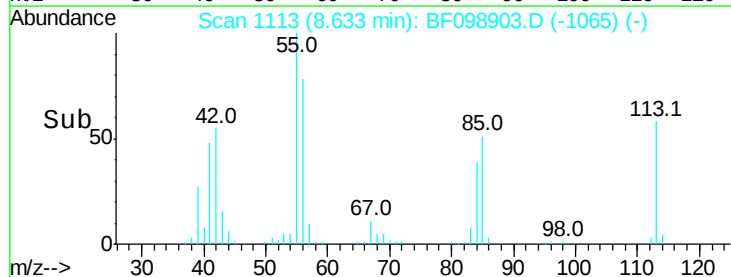
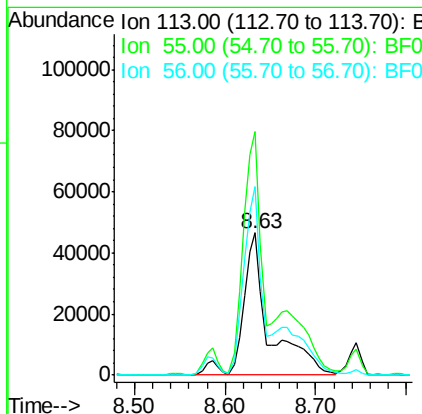
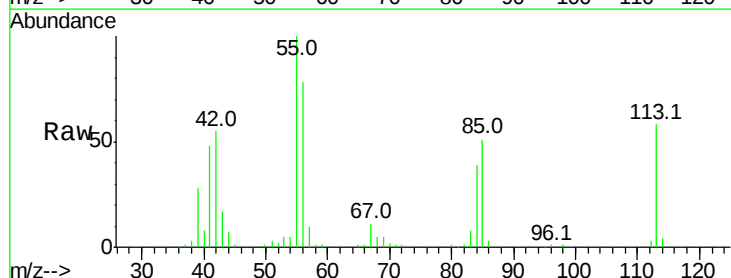
RT: 8.63 min Scan# 1113

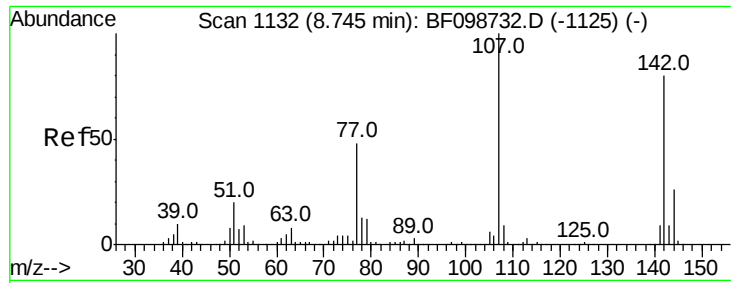
Delta R.T. -0.02 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	113	Resp:	94425
Ion Ratio	Lower	Upper	
113	100		
55	171.0	163.3	203.3
56	132.8	115.7	155.7





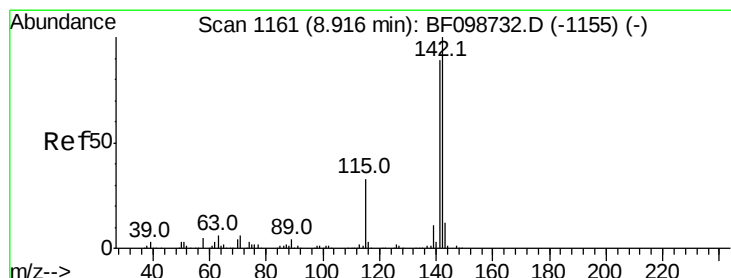
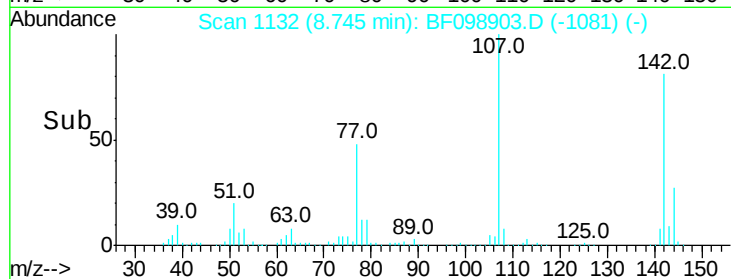
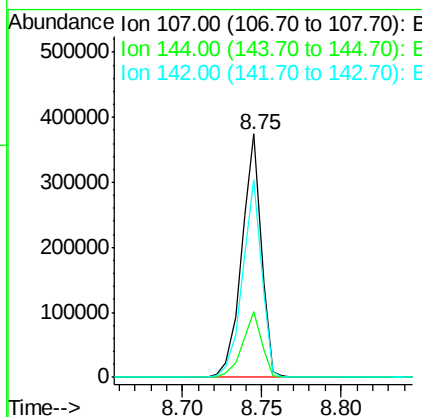
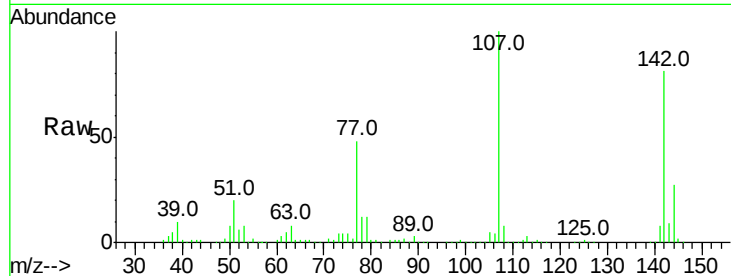
#36
 4-Chloro-3-methylphenol
 Concen: 32.449 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	318945		
144	26.8	20.5	30.7	
142	81.0	62.0	93.0	

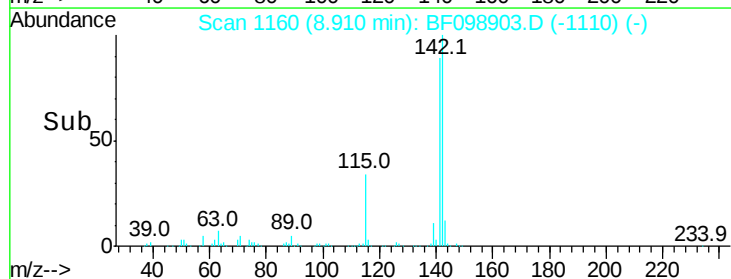
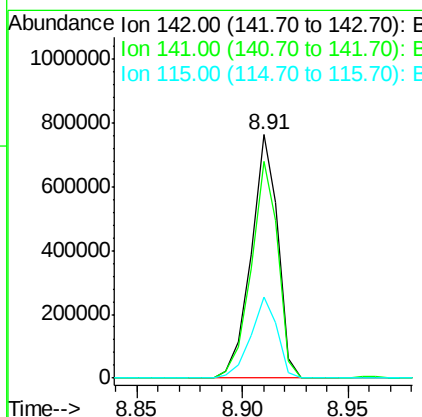
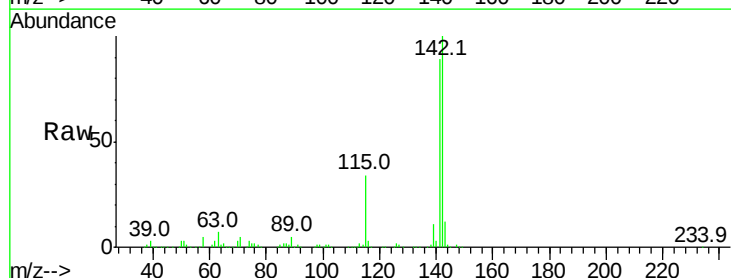
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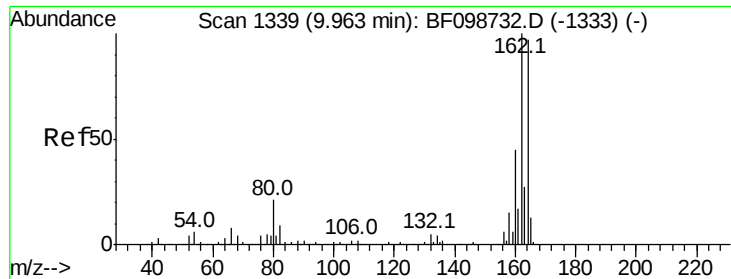
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#37
 2-Methylnaphthalene
 Concen: 34.795 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	673587		
141	89.3	70.8	106.2	
115	33.5	26.1	39.1	





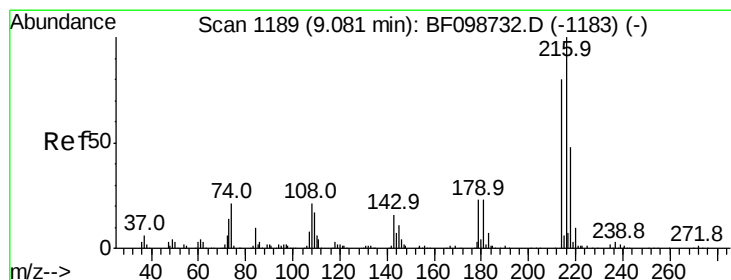
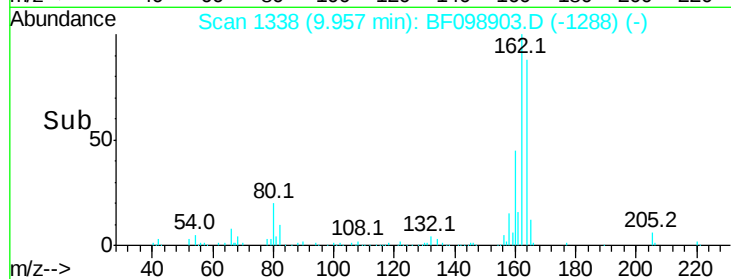
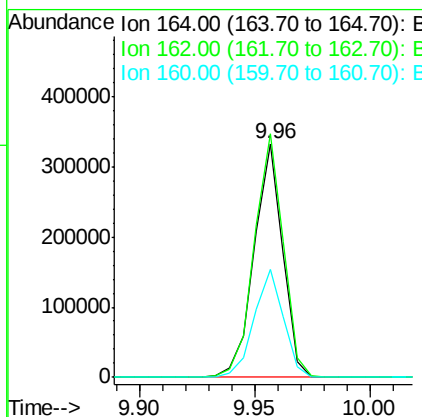
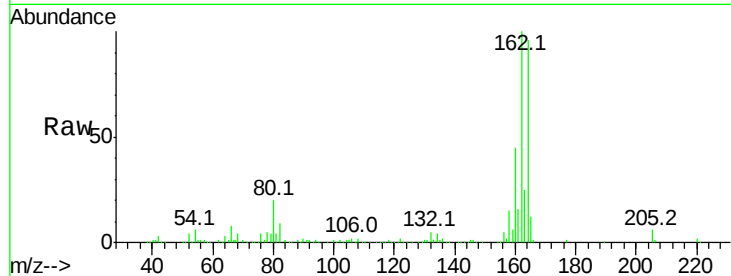
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.4	38.3	57.5

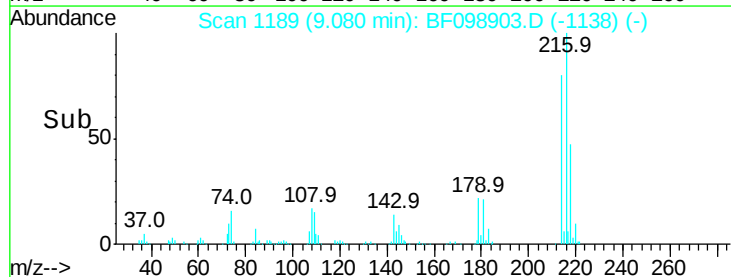
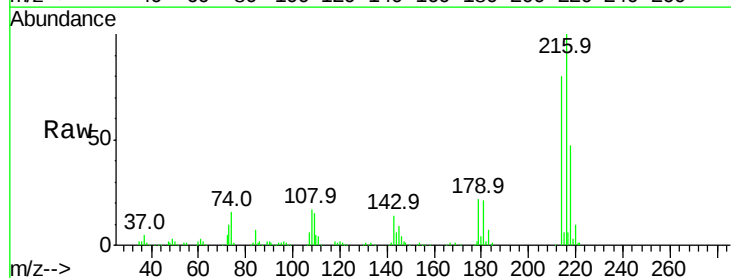
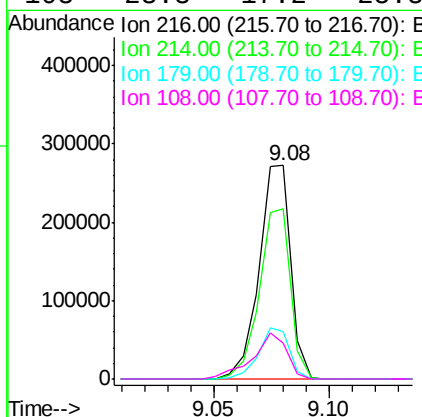
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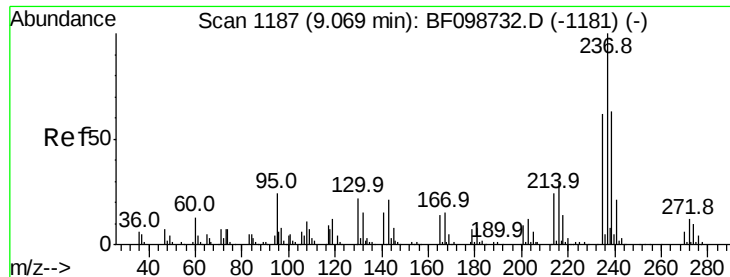
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.435 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	23.2	18.1	27.1
108	23.3	17.2	25.8





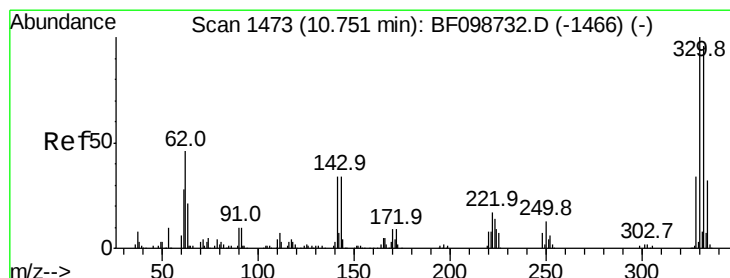
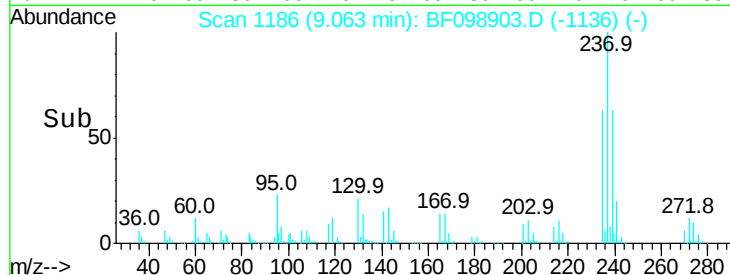
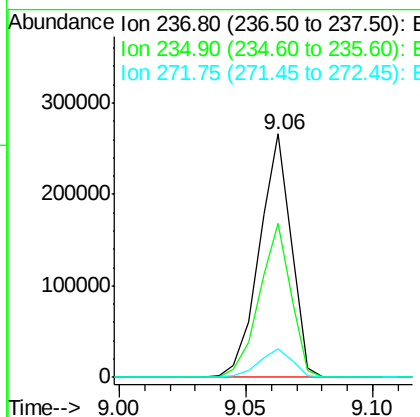
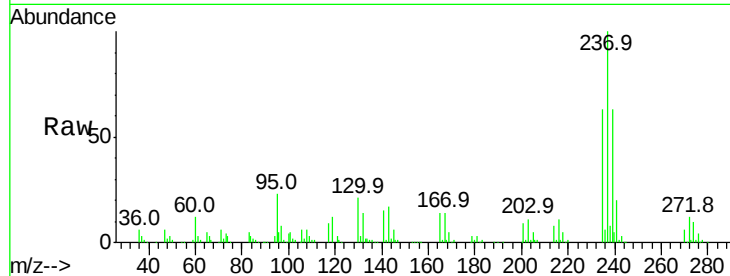
#40
Hexachlorocyclopentadiene
Concen: 59.659 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	11.9	0.0	33.3

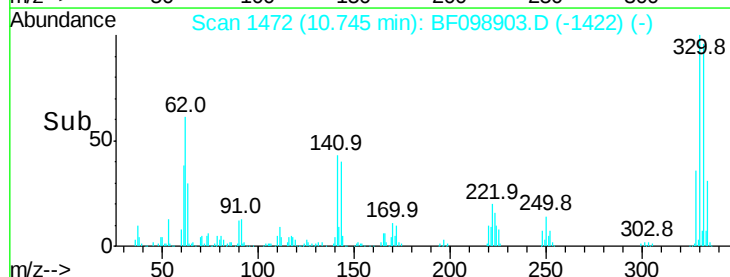
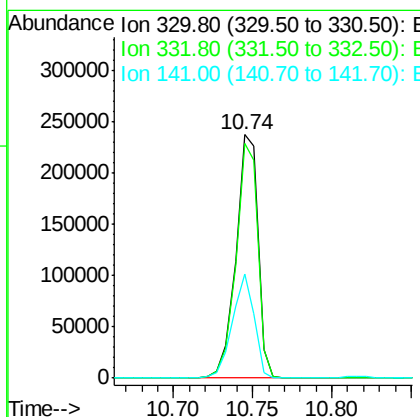
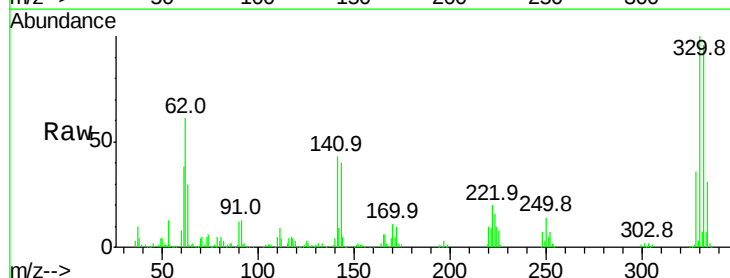
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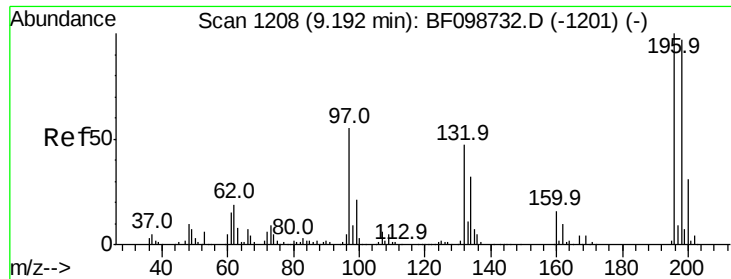
Sohil
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#41
2,4,6-Tribromophenol
Concen: 97.706 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	77.0	115.6
141	42.3	29.9	44.9





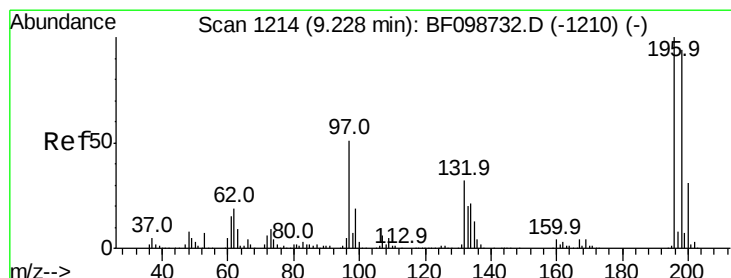
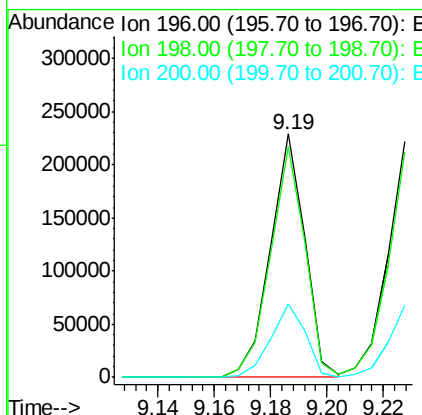
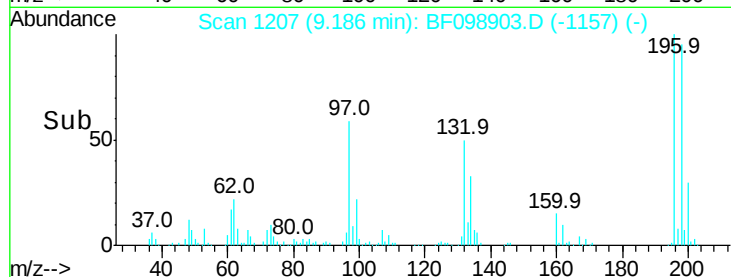
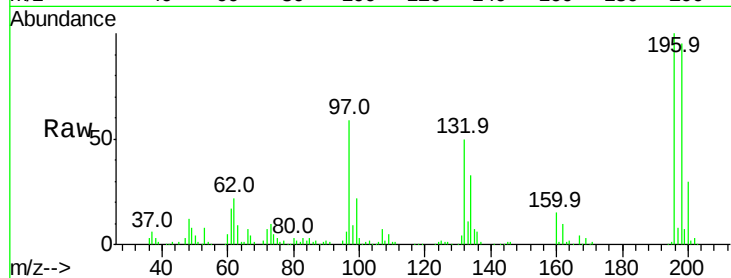
#42
 2,4,6-Trichlorophenol
 Concen: 32.029 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	196	Resp:	194144
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
200	30.1	24.5	36.7

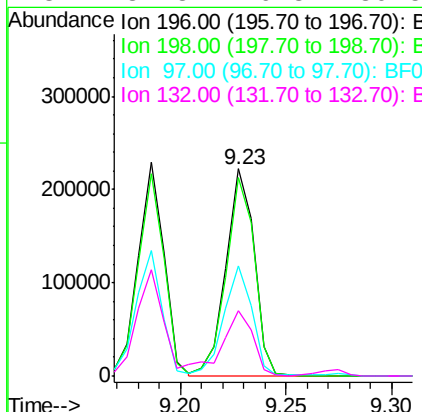
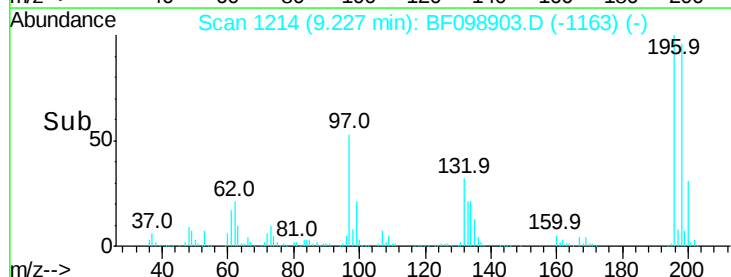
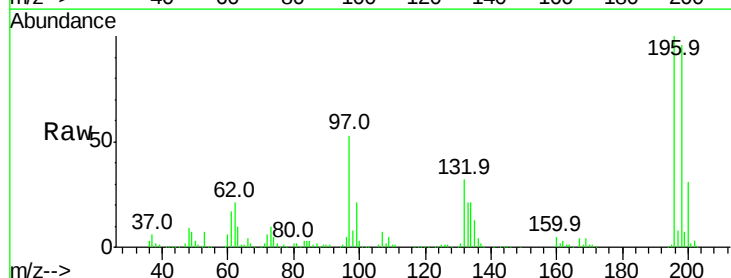
Manual Integrations
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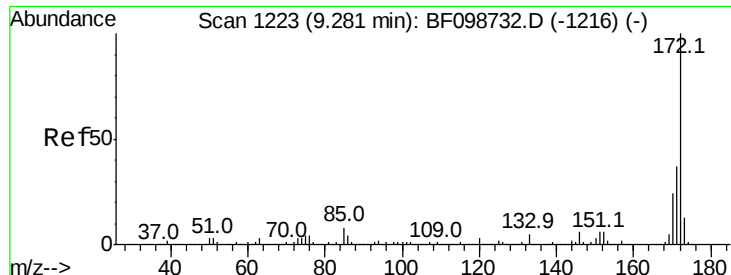
Sohil
 9/29/2017 6:03:53 PM



#43
 2,4,5-Trichlorophenol
 Concen: 34.017 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:	196	Resp:	205837
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.6	112.0
97	53.1	42.9	64.3
132	31.8	26.3	39.5





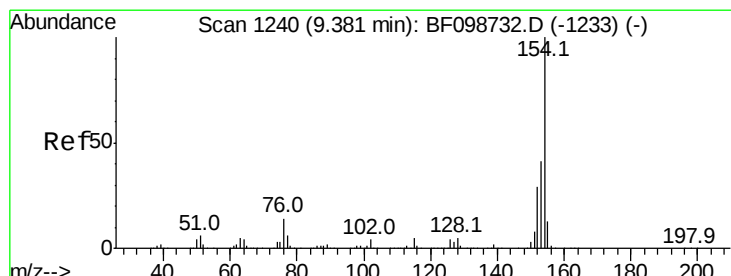
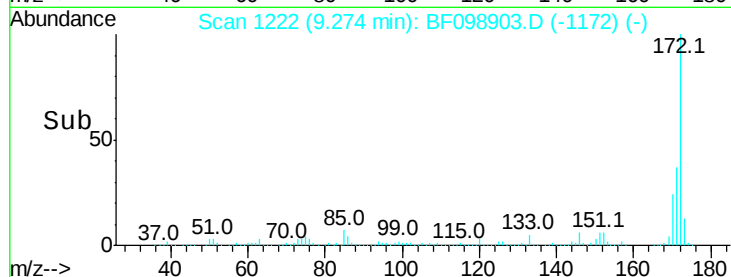
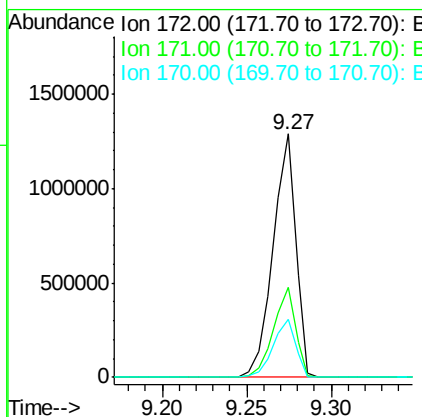
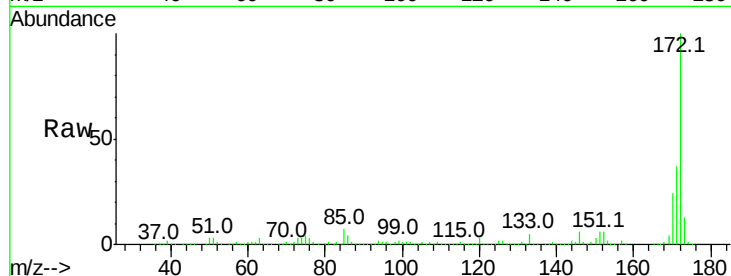
#44
 2-Fluorobiphenyl
 Concen: 69.787 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4

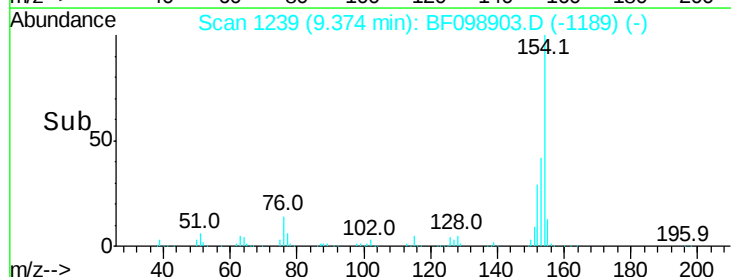
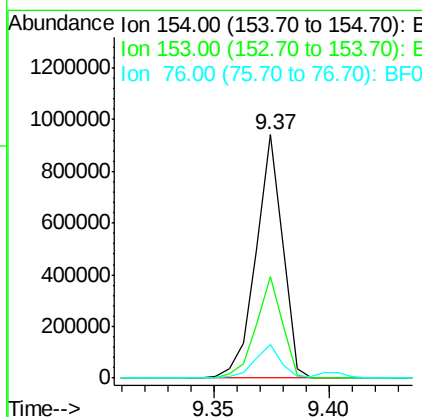
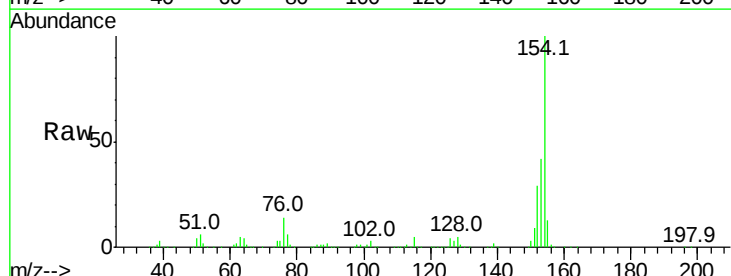
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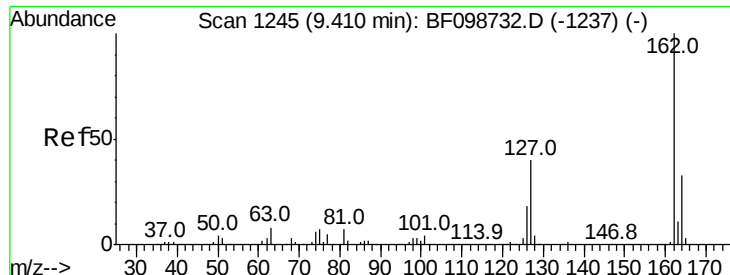
Sohil
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#45
 1,1'-Biphenyl
 Concen: 30.911 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.6	0.0	34.0





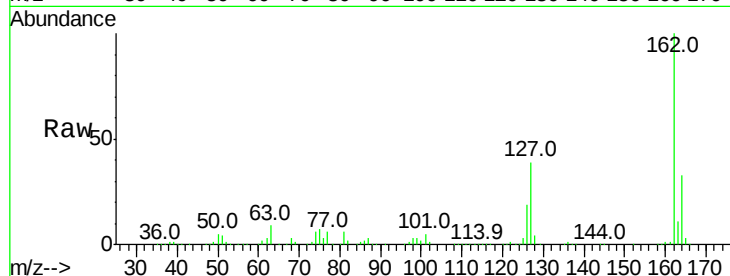
#46
2-Chloronaphthalene
Concen: 32.901 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

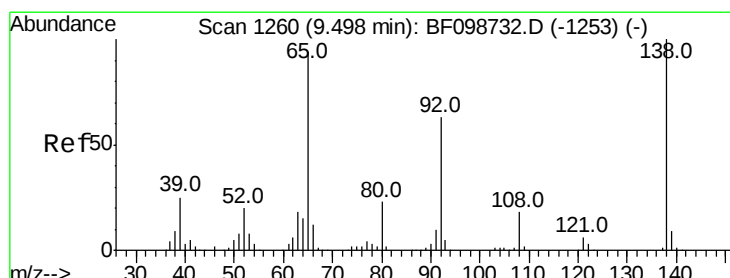
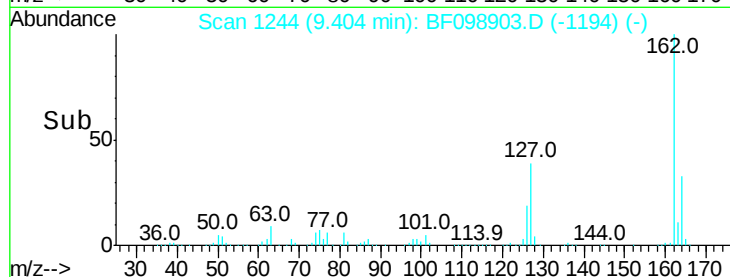
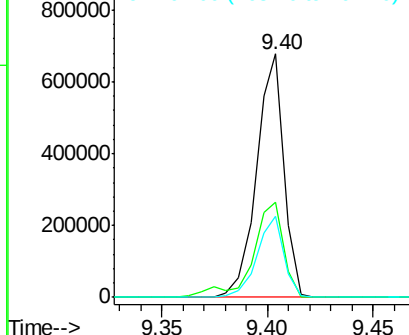
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	33.9	50.9
164	33.2	26.5	39.7

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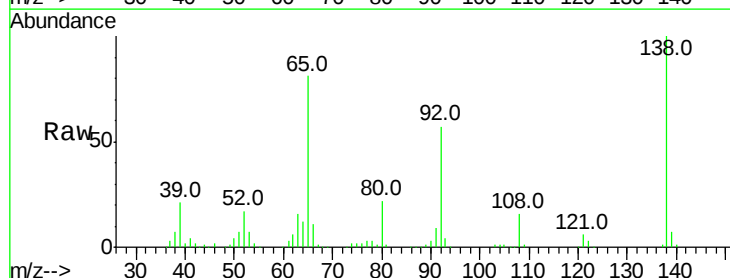


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

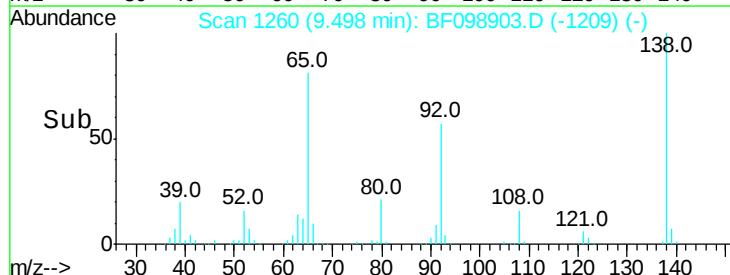
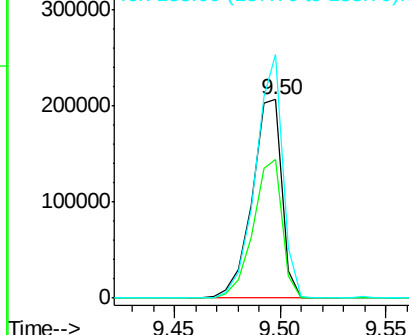


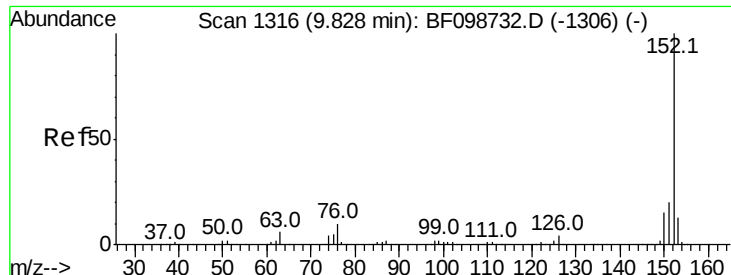
#47
2-Nitroaniline
Concen: 35.723 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.7	55.8	83.6
138	122.7	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: 32.599 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

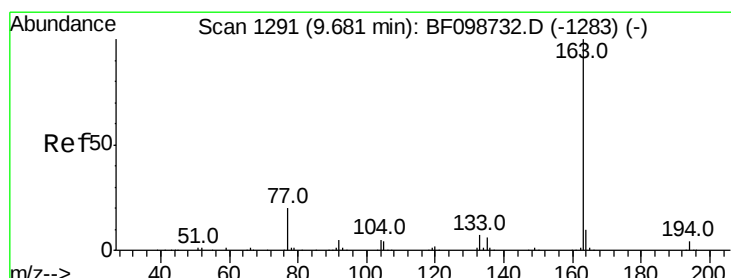
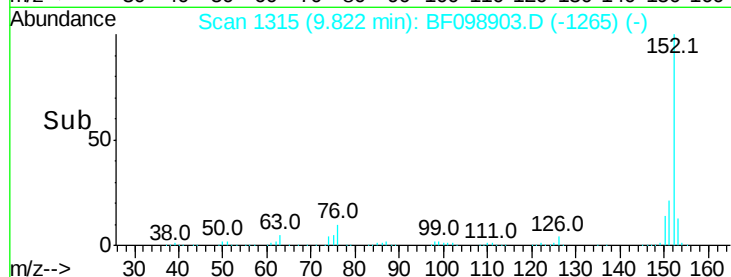
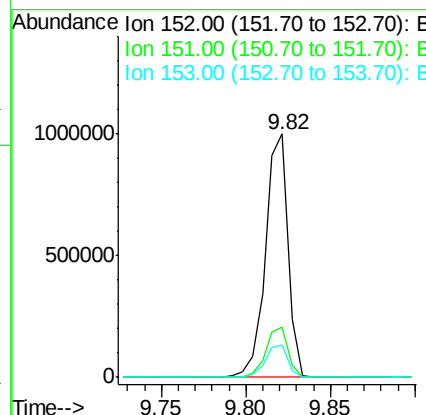
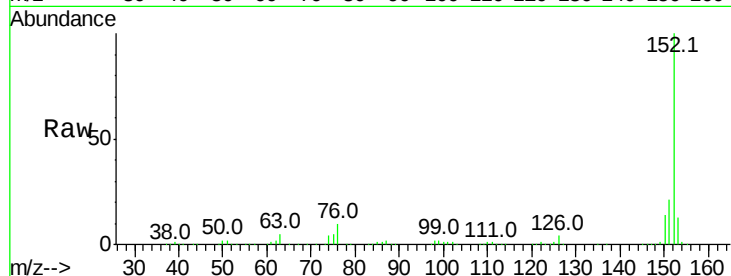
SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	152	Resp:	923898
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1

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#49

Dimethylphthalate

Concen: 39.061 ng

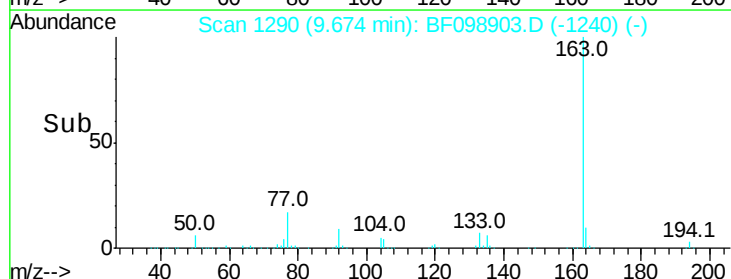
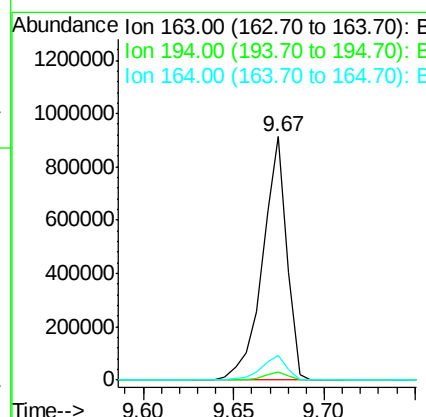
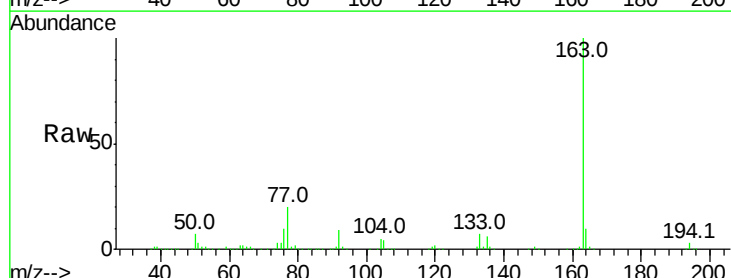
RT: 9.67 min Scan# 1290

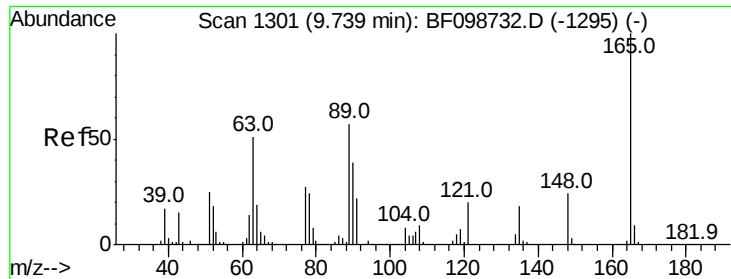
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	163	Resp:	845818
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2





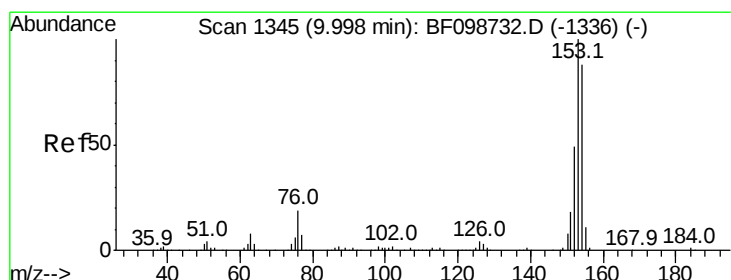
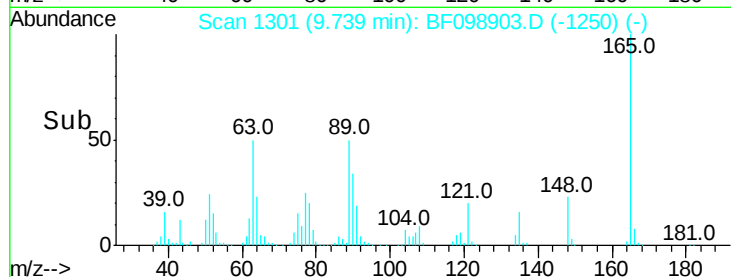
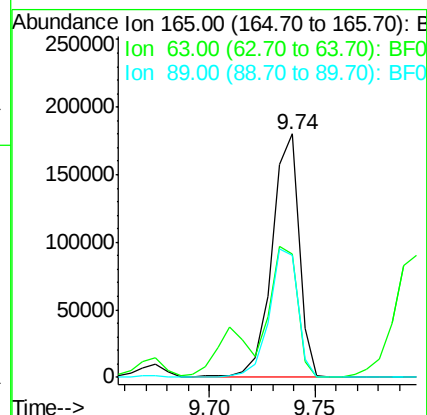
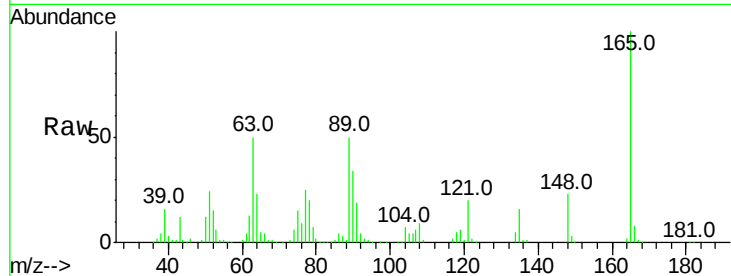
#50
2,6-Dinitrotoluene
Concen: 34.146 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160973		
63	50.4		44.7	67.1
89	50.2		44.0	66.0

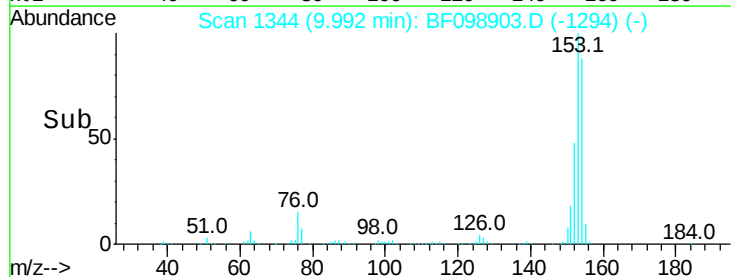
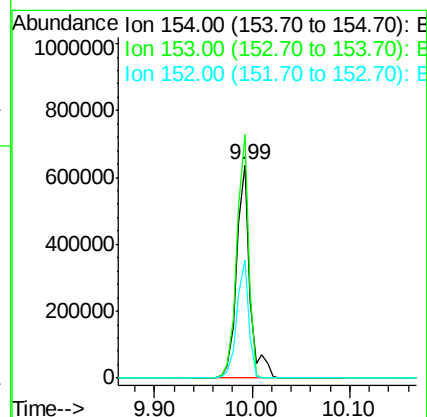
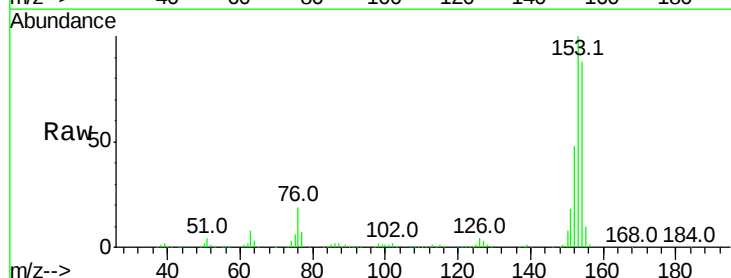
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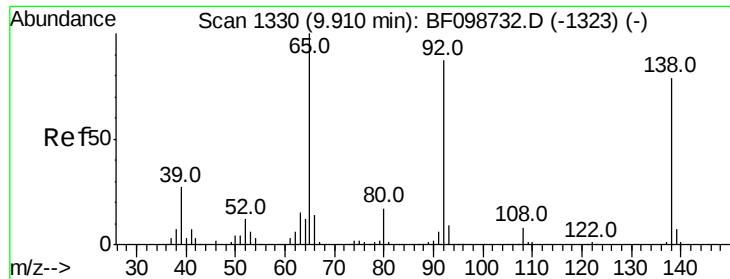
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#51
Acenaphthene
Concen: 33.556 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	602412		
153	114.2		91.2	136.8
152	55.3		43.8	65.8





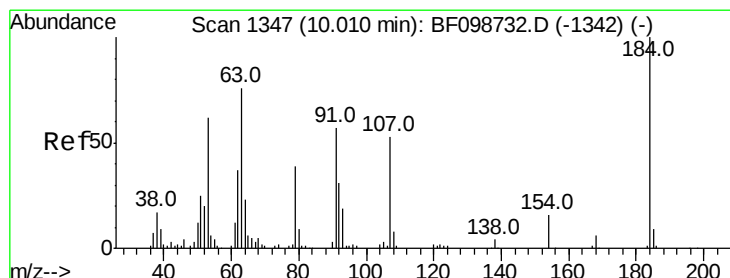
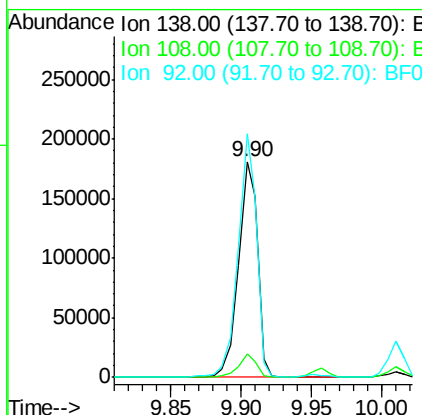
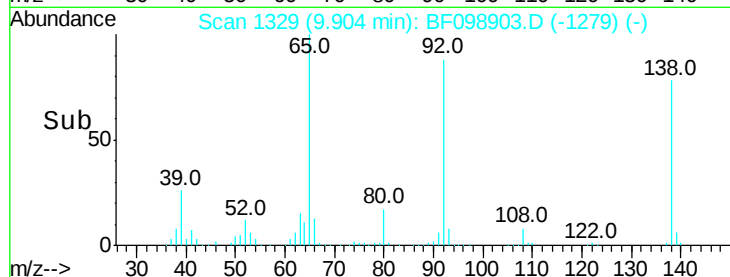
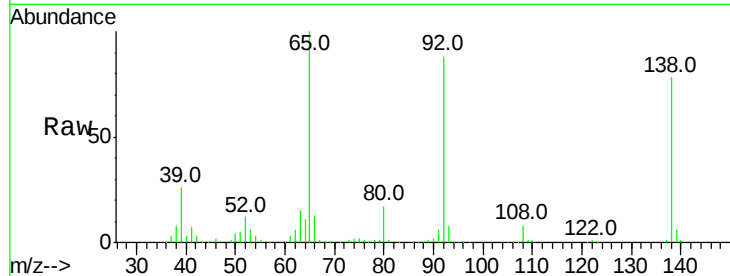
#52
 3-Nitroaniline
 Concen: 30.845 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	112.8	89.4	134.2

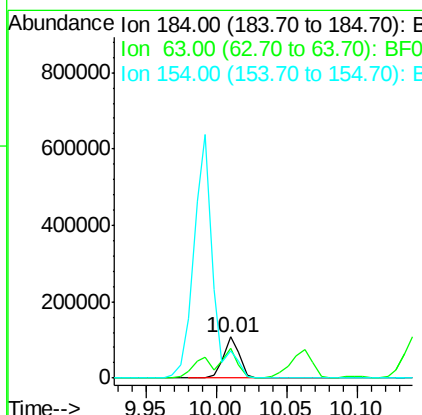
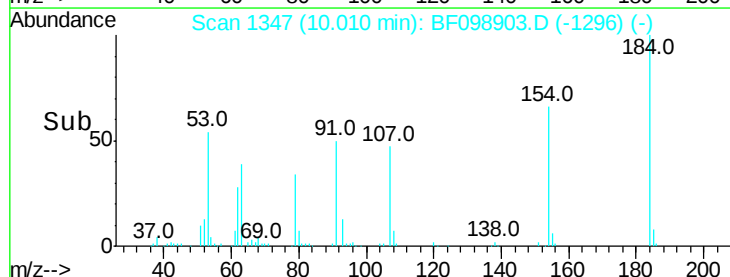
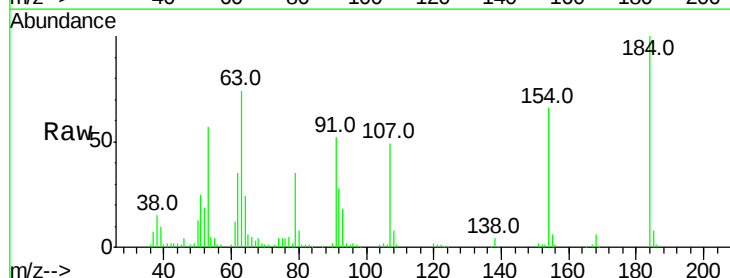
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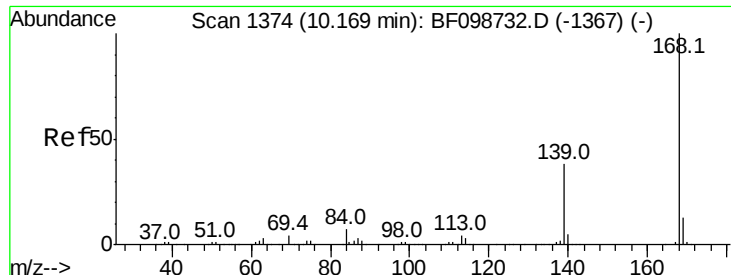
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#53
 2,4-Dinitrophenol
 Concen: 38.942 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.7	54.2	81.2
154	66.5	53.5	80.3





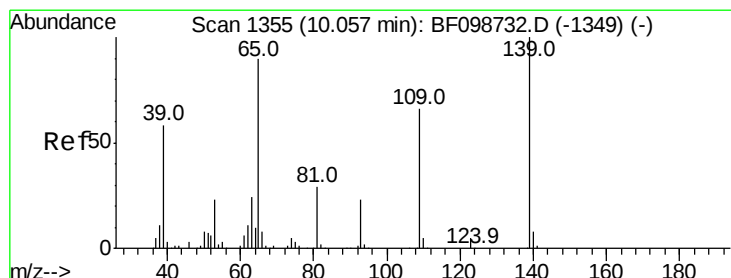
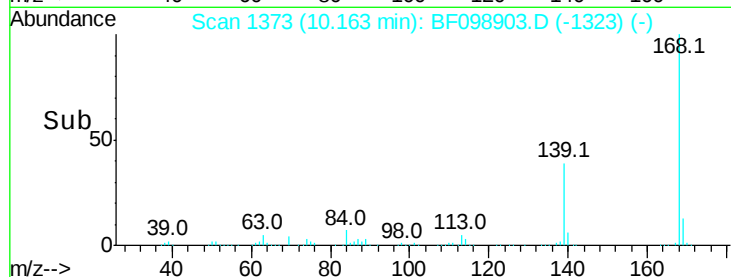
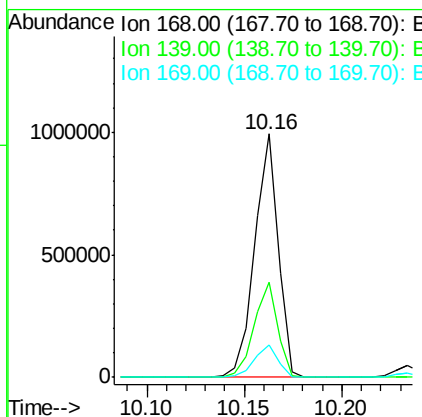
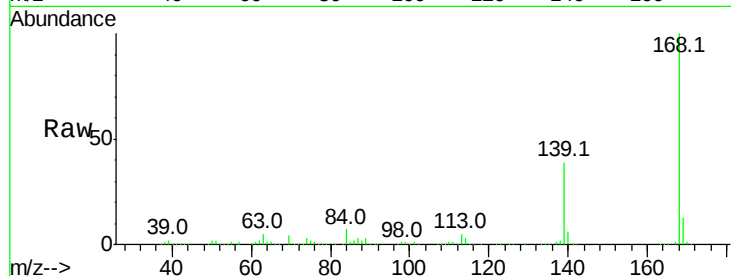
#54
Dibenzofuran
Concen: 34.765 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	830993		
139	39.1		30.1	45.1
169	13.5		10.9	16.3

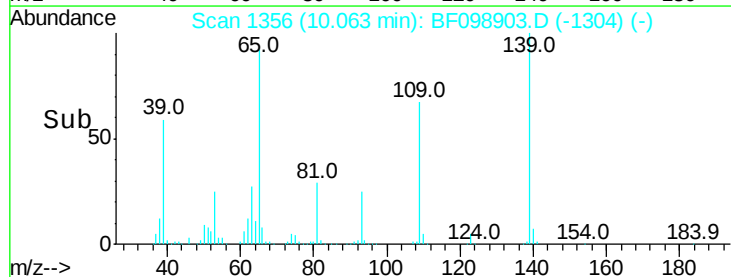
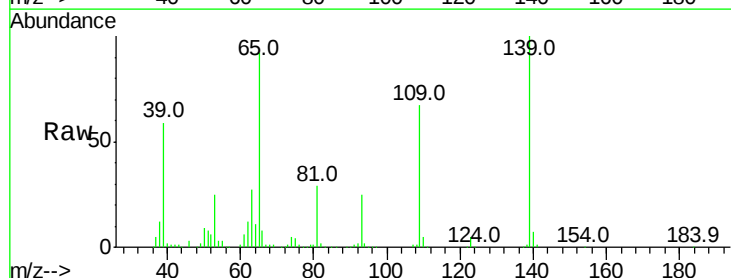
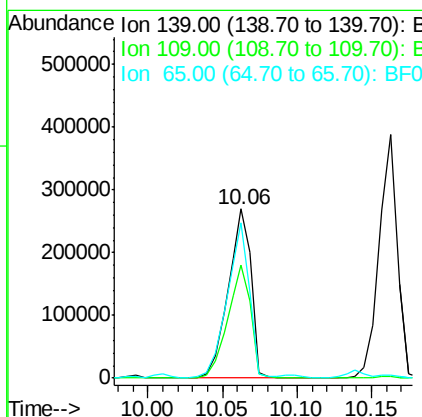
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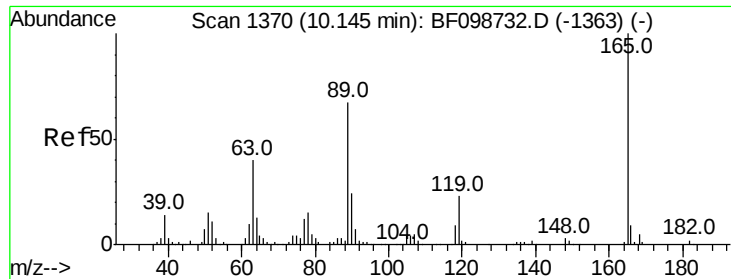
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#55
4-Nitrophenol
Concen: 62.957 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	292620		
109	66.8		48.4	88.4
65	91.7		72.6	112.6





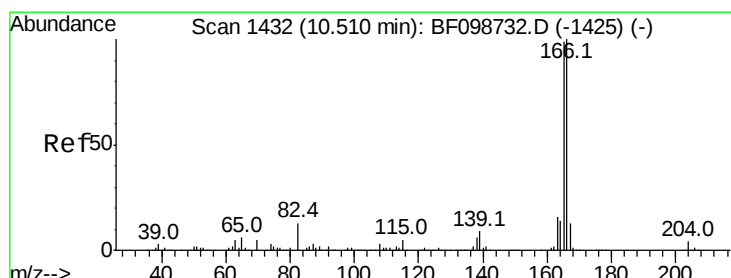
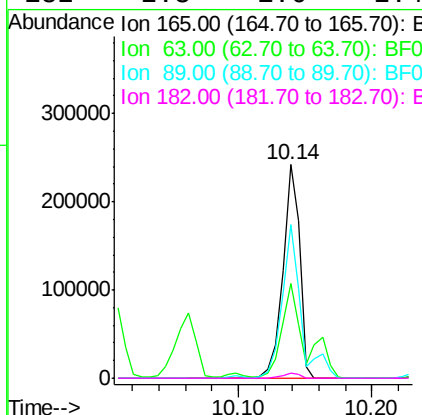
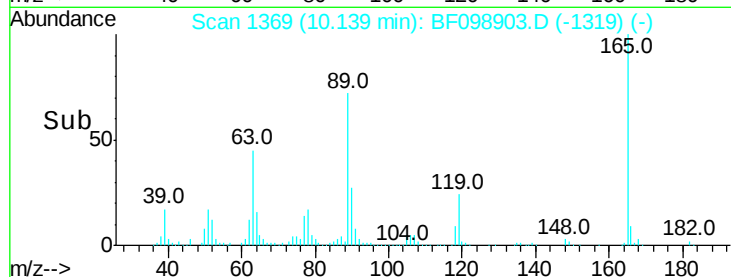
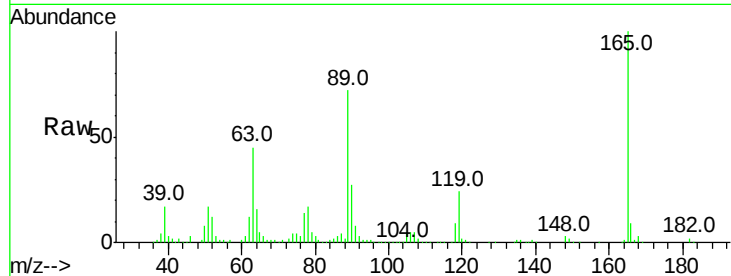
#56
2,4-Dinitrotoluene
Concen: 35.081 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		214633		
63	44.6	36.4	54.6		
89	72.0	57.8	86.6		
182	2.3	1.6	2.4		

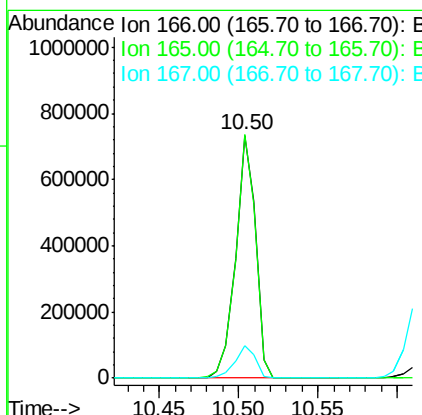
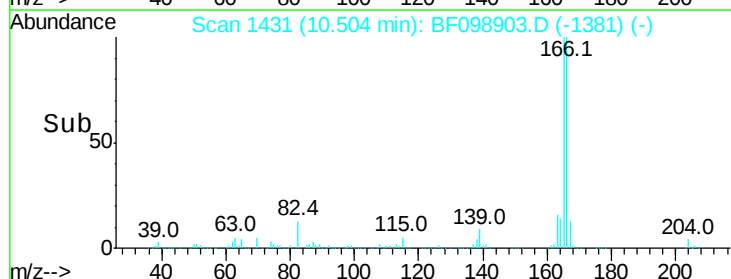
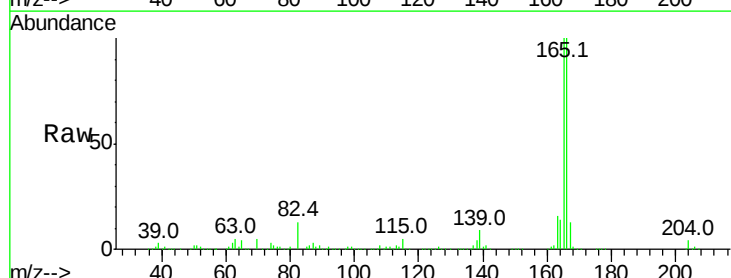
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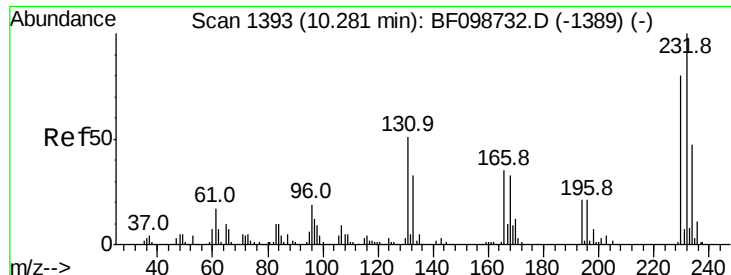
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#57
Fluorene
Concen: 33.107 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		636076		
165	100.4	79.8	119.8		
167	13.6	10.6	16.0		





#58

2,3,4,6-Tetrachlorophenol

Concen: 35.649 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:232 Resp: 149009

Ion Ratio Lower Upper

232 100

131 57.5 43.8 65.8

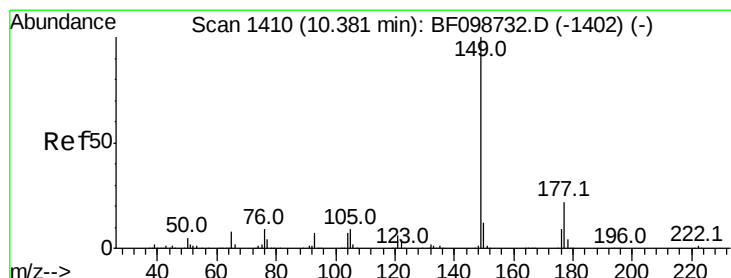
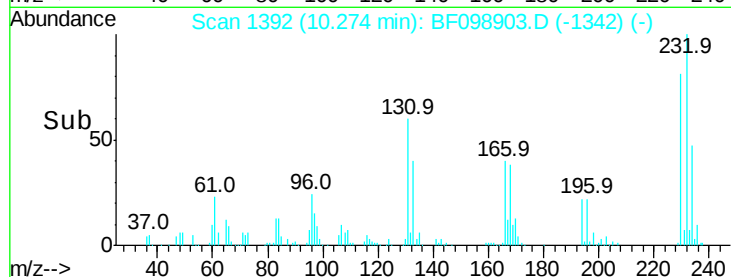
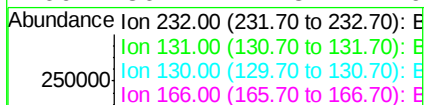
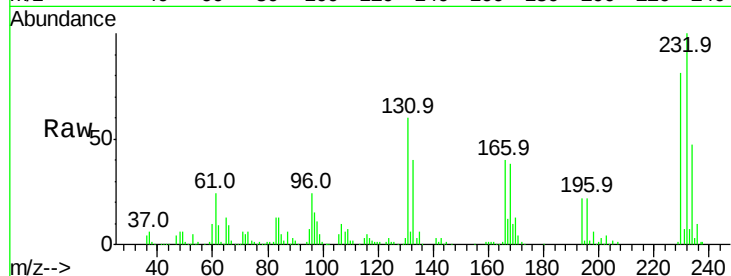
130 2.9 2.1 3.1

166 36.7 27.8 41.6

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#59

Diethylphthalate

Concen: 33.200 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

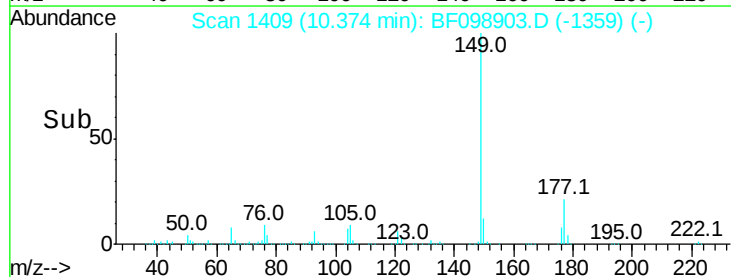
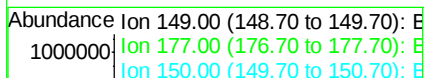
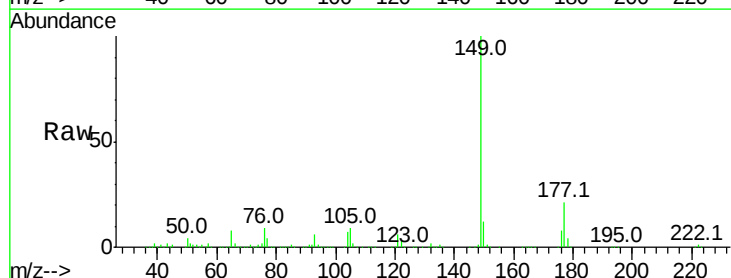
Tgt Ion:149 Resp: 702489

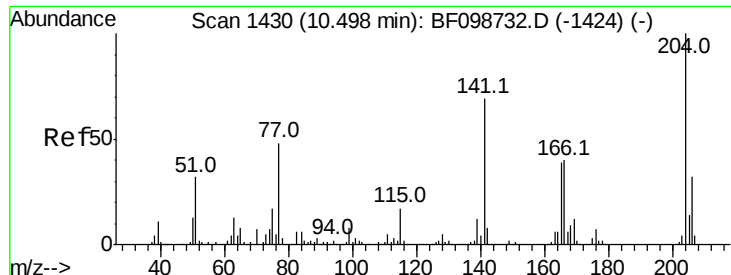
Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

150 12.2 10.1 15.1





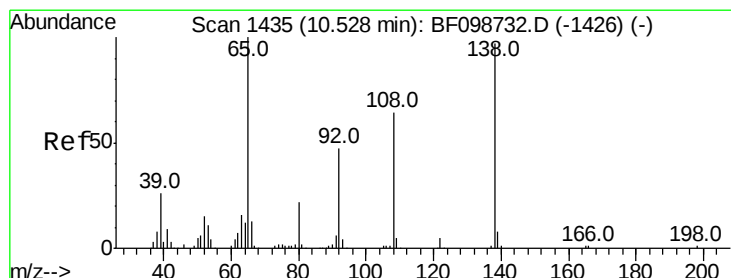
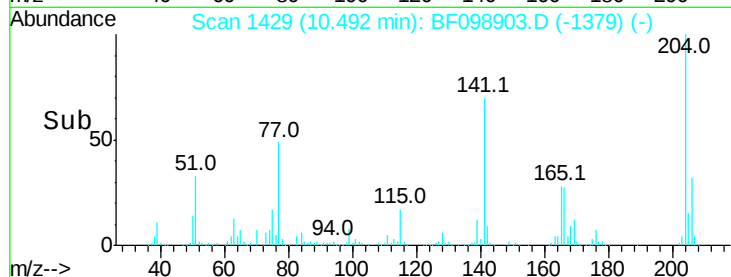
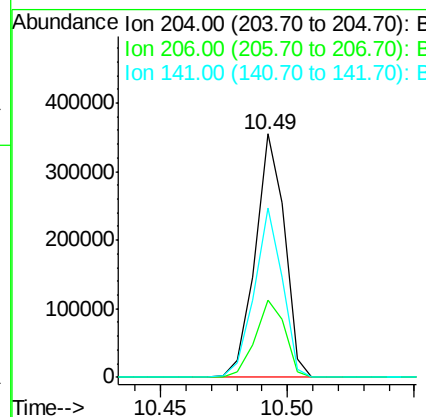
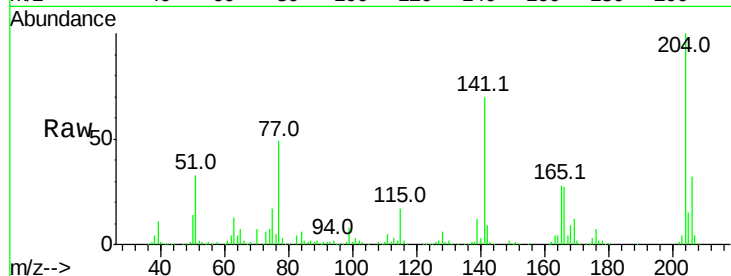
#60
4-Chlorophenyl-phenylether
Concen: 33.152 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	69.5	54.6	81.8

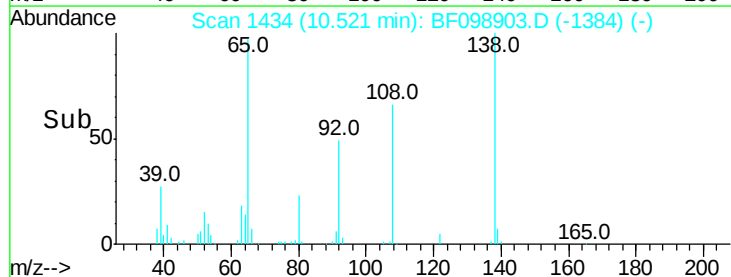
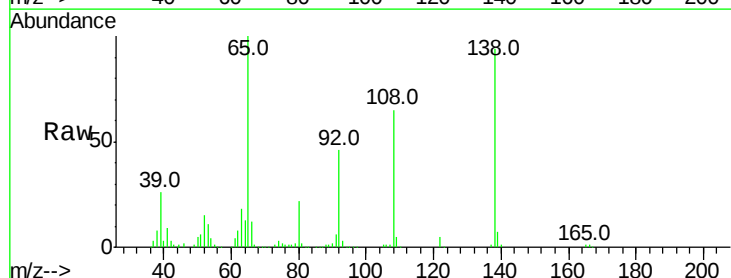
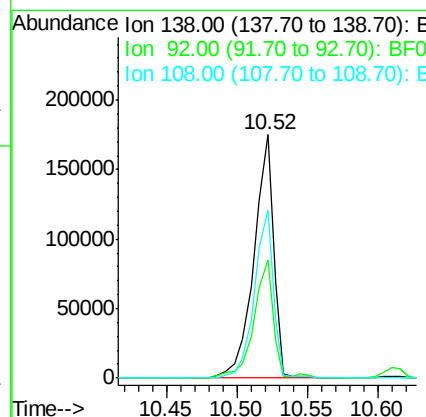
Manual Integrations
APPROVED

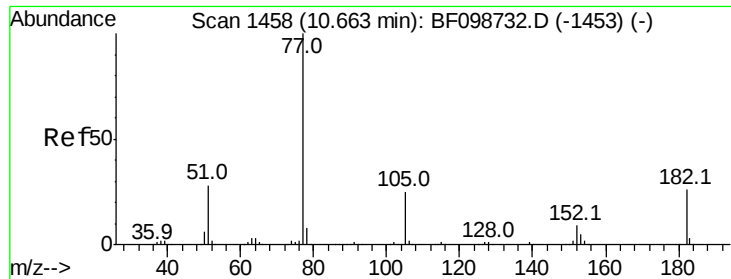
Sohil
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#61
4-Nitroaniline
Concen: 32.748 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	69.3	52.5	92.5





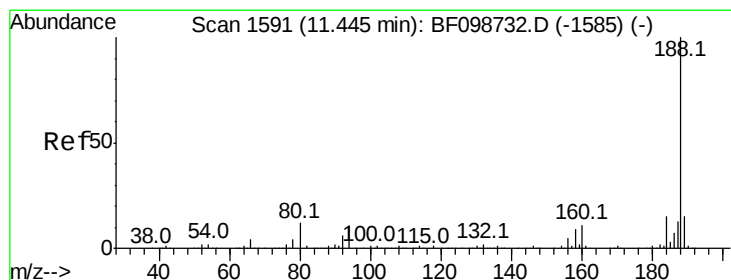
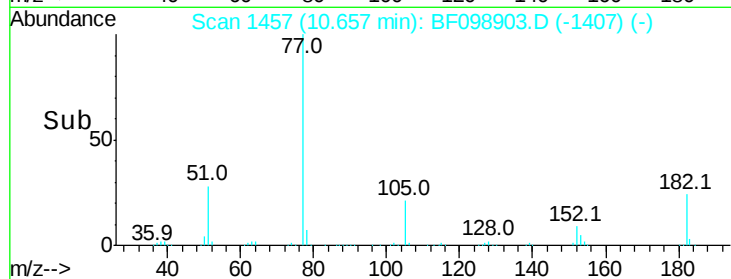
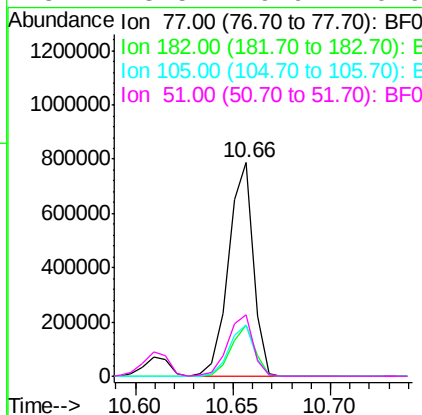
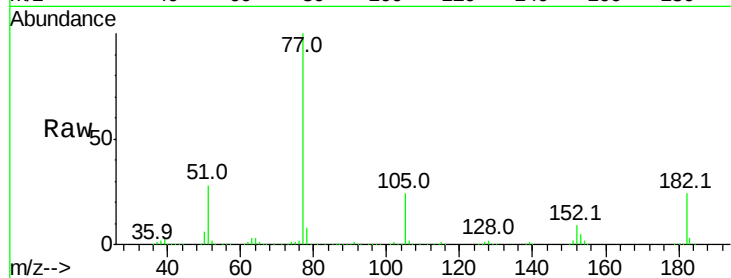
#62
Azobenzene
Concen: 35.530 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		691235		
182	24.0	1.7	41.7		
105	24.1	3.0	43.0		
51	28.5	9.9	49.9		

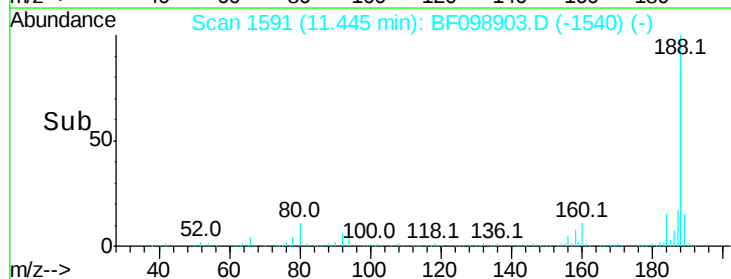
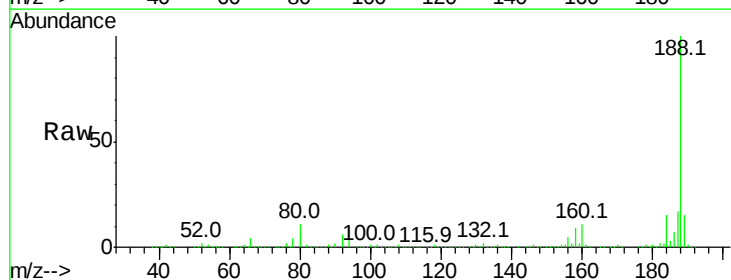
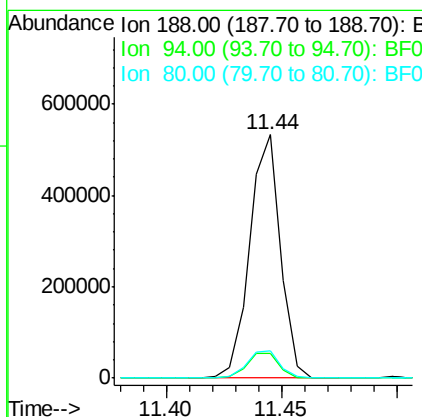
Manual Integrations
APPROVED

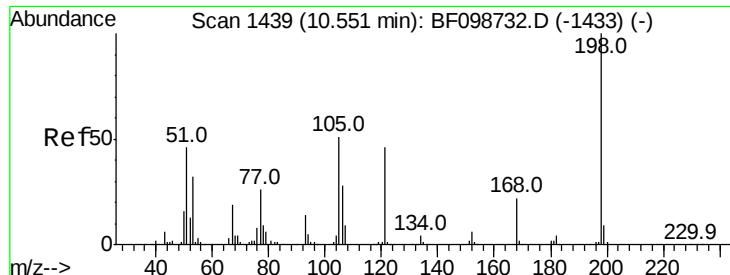
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		495413		
94	10.3	8.5	12.7		
80	11.1	9.2	13.8		





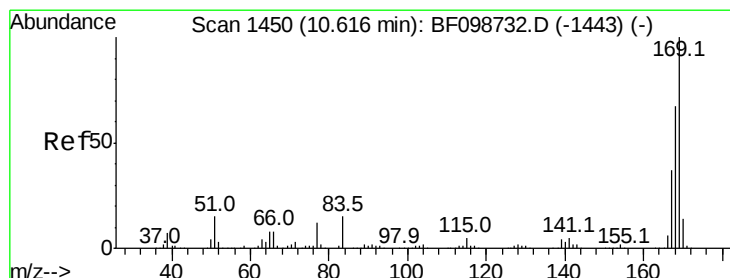
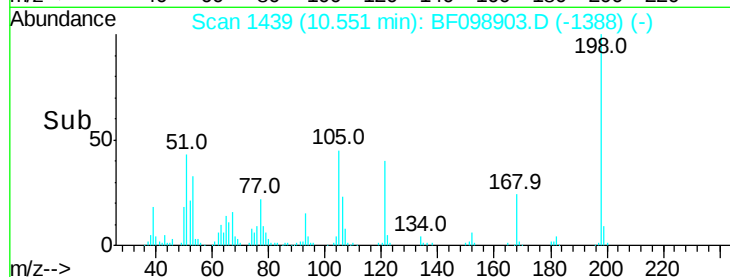
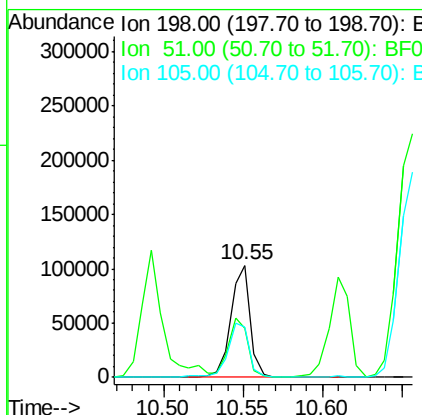
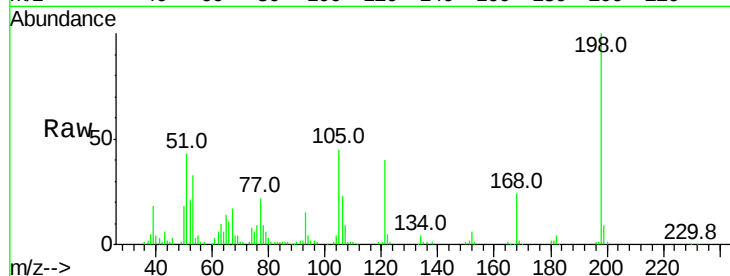
#64
4,6-Dinitro-2-methylphenol
Concen: 28.909 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.3	37.7	77.7
105	44.9	36.3	76.3

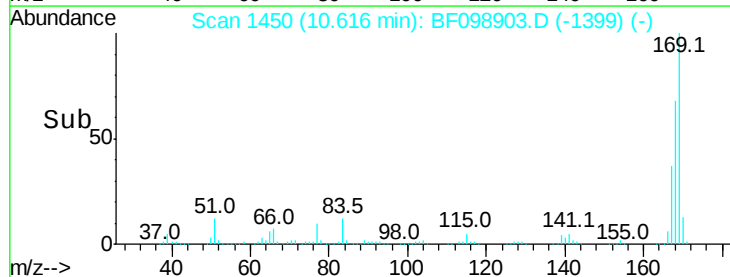
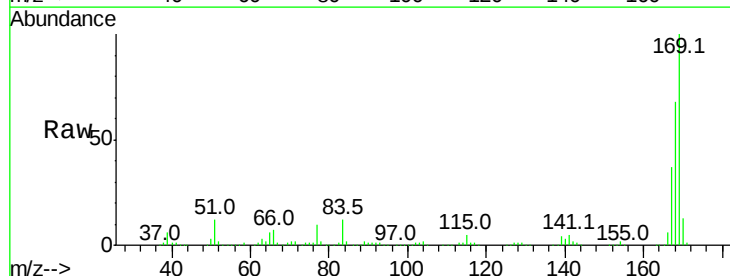
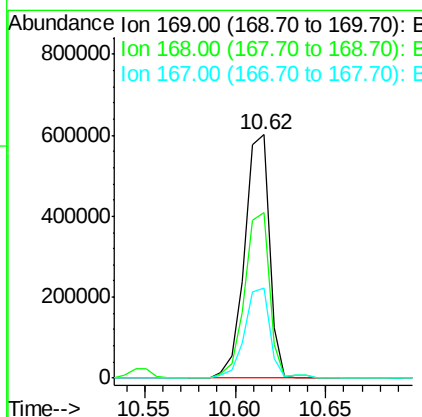
Manual Integrations
APPROVED

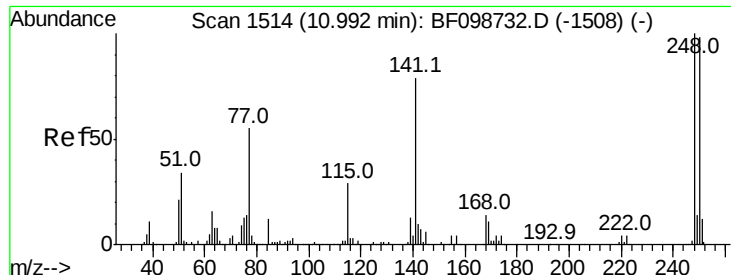
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 33.320 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	37.0	29.8	44.6





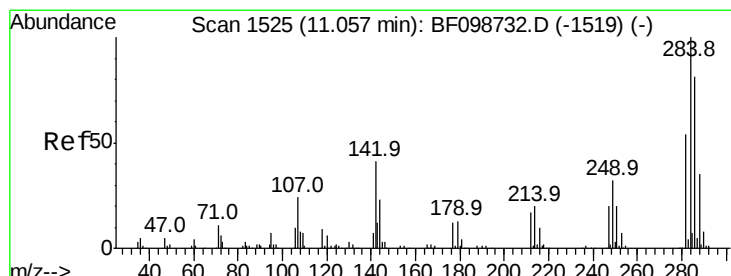
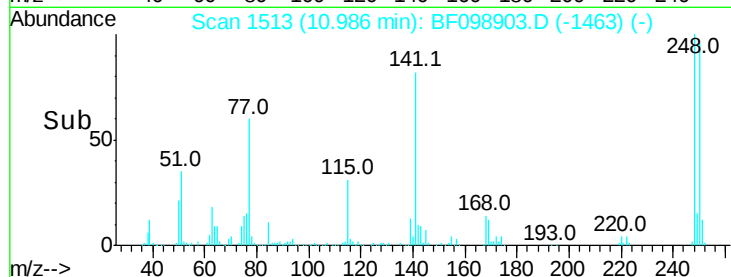
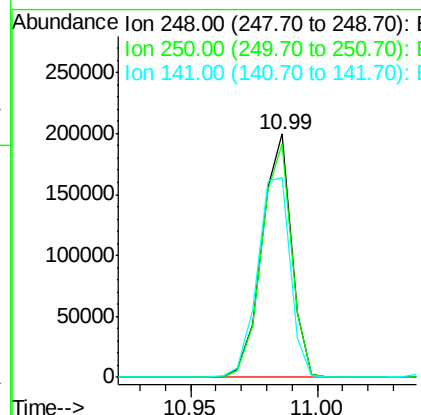
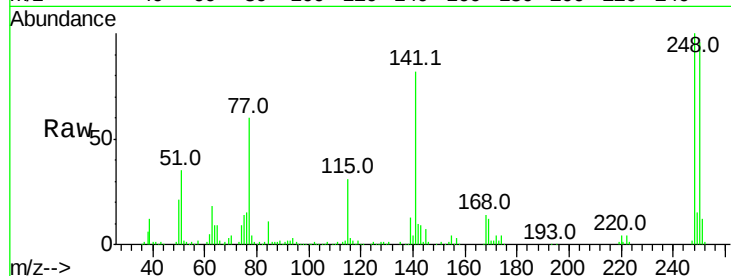
#66
 4-Bromophenyl-phenylether
 Concen: 33.545 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	248	Resp:	162671
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.9	115.3
141	82.4	74.4	111.6

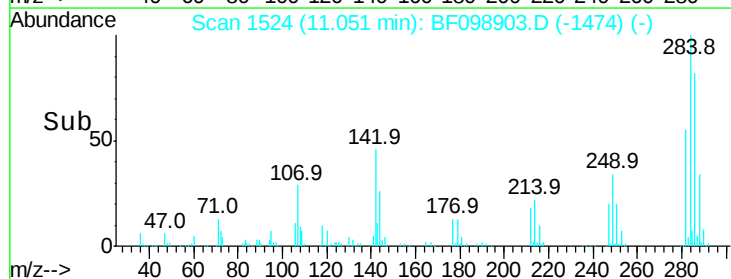
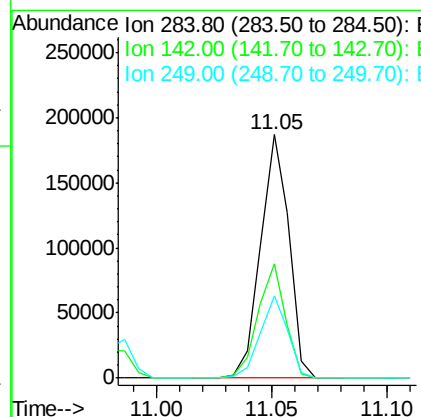
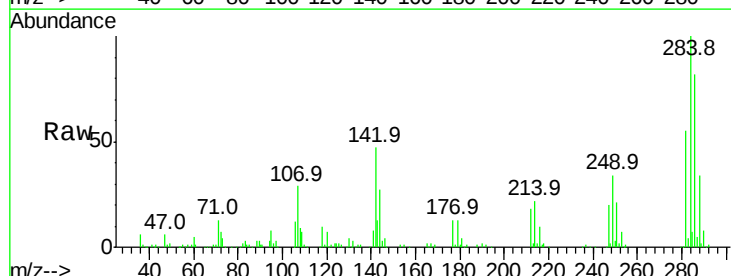
Manual Integrations
 APPROVED

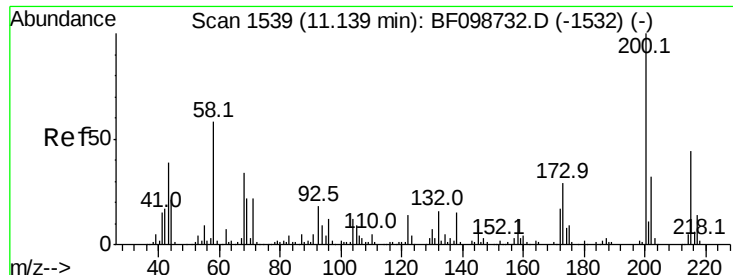
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#67
 Hexachlorobenzene
 Concen: 30.927 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:	284	Resp:	160180
Ion Ratio	Lower	Upper	
284	100		
142	46.7	34.6	52.0
249	33.6	24.8	37.2





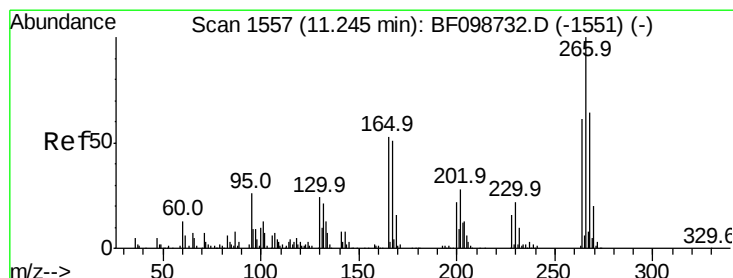
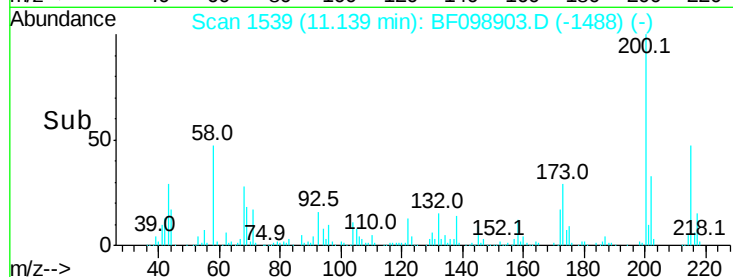
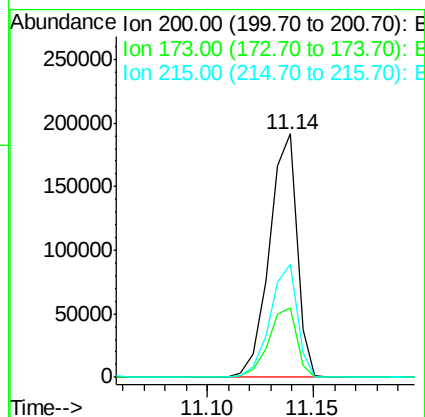
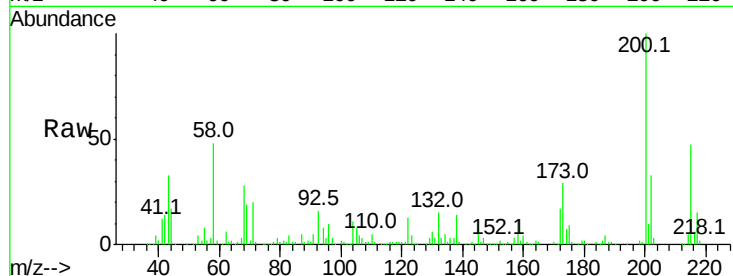
#68
Atrazine
Concen: 33.776 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	8.6	48.6
215	46.6	25.1	65.1

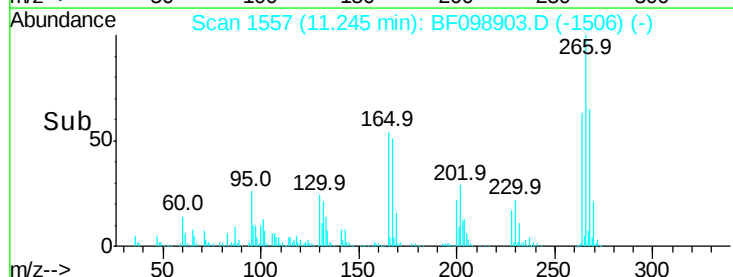
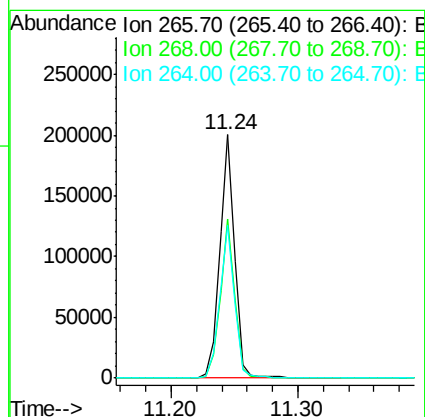
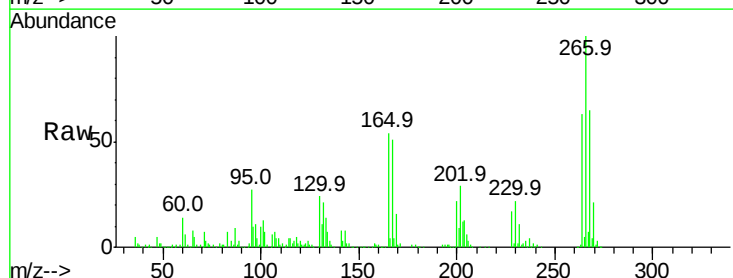
Manual Integrations
APPROVED

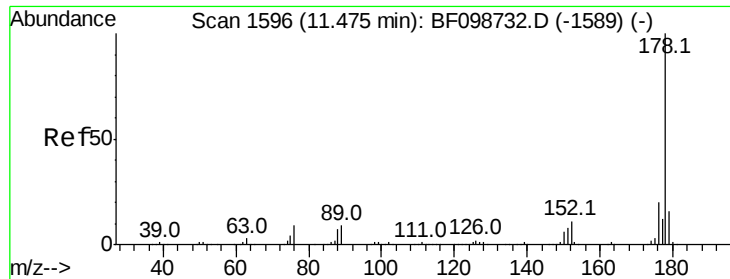
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#69
Pentachlorophenol
Concen: 51.897 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	51.1	76.7
264	63.0	49.5	74.3





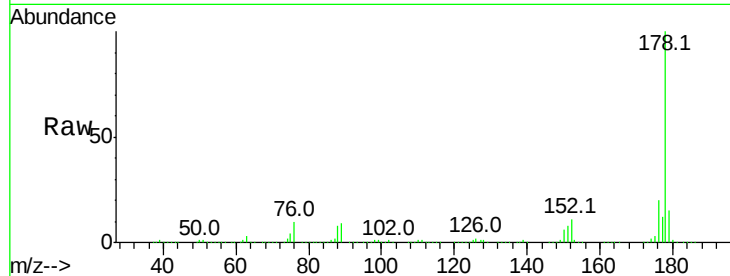
#70
Phenanthrene
Concen: 33.860 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

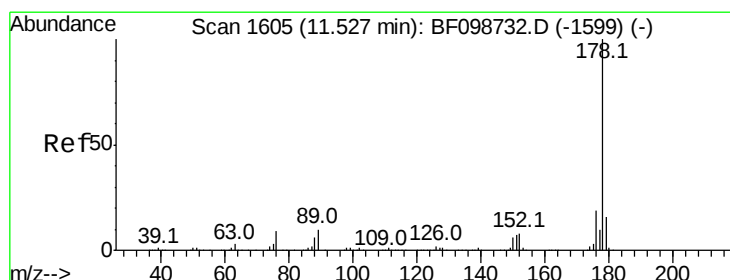
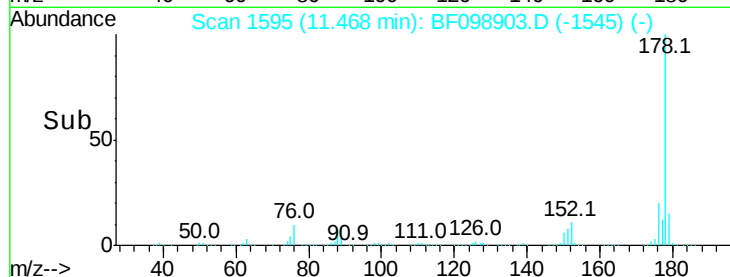
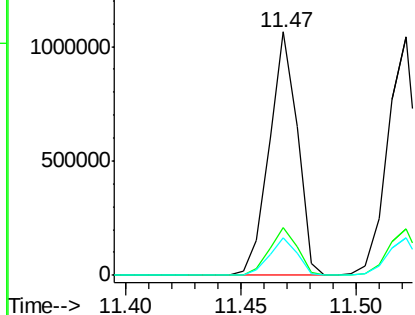
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	13.0	19.6

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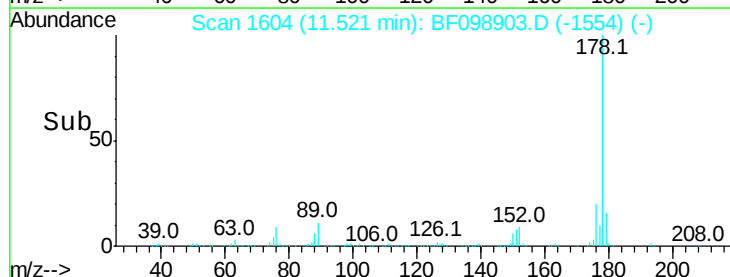
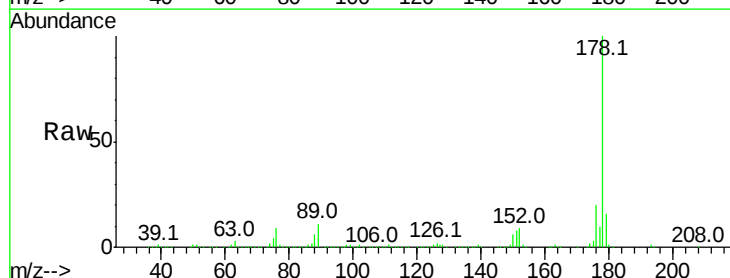
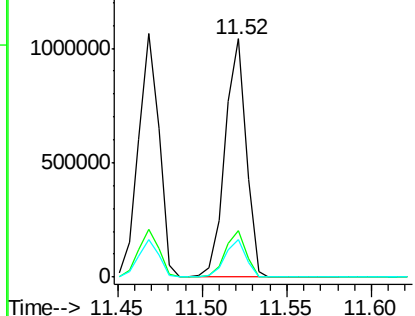
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

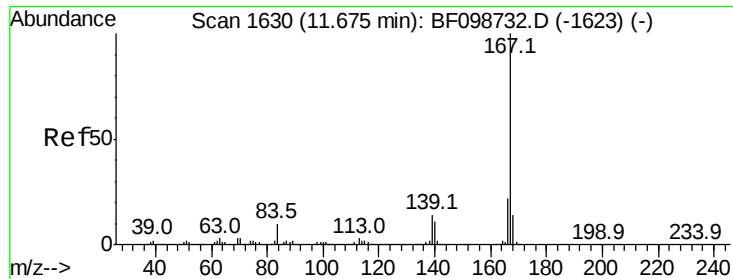


#71
Anthracene
Concen: 33.338 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.7	12.6	19.0

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





#72

Carbazole

Concen: 31.002 ng

RT: 11.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

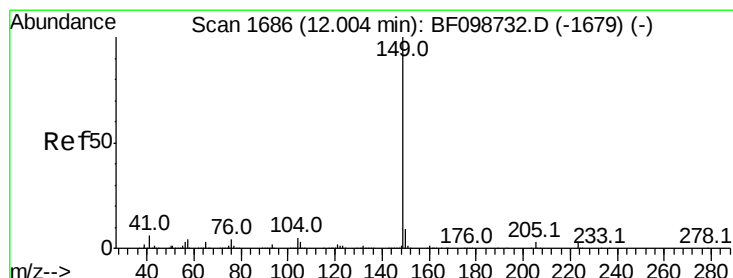
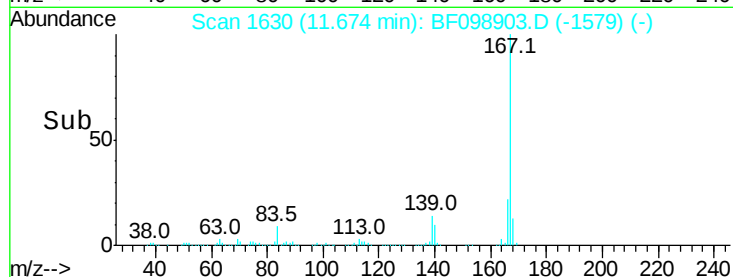
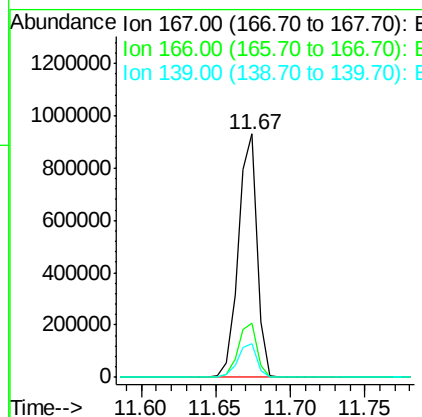
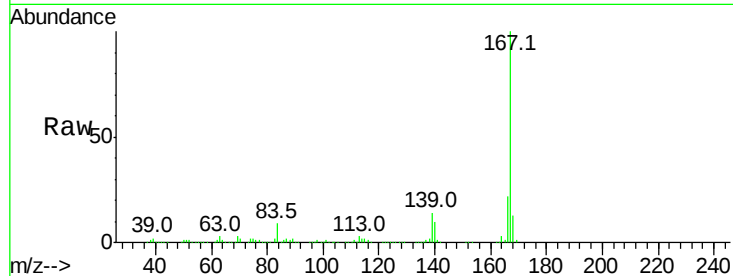
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	167	Resp:	823754
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.6	26.4
139	13.6	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 33.597 ng

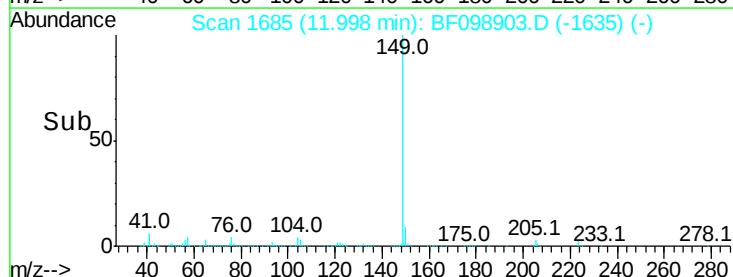
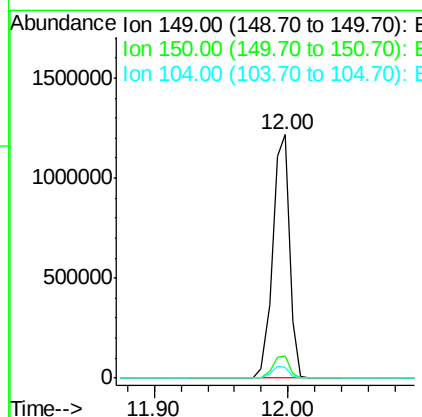
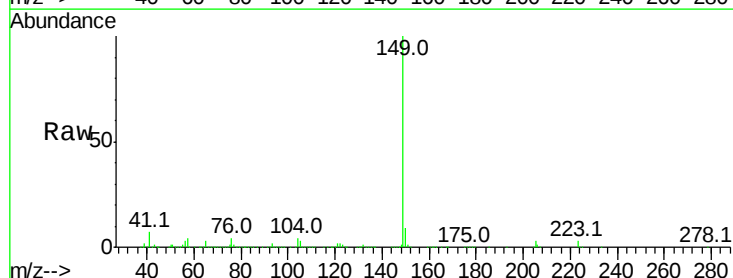
RT: 12.00 min Scan# 1685

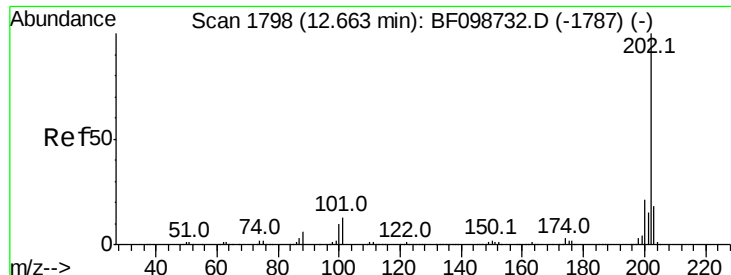
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	149	Resp:	1074519
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8





#74

Fluoranthene

Concen: 32.680 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

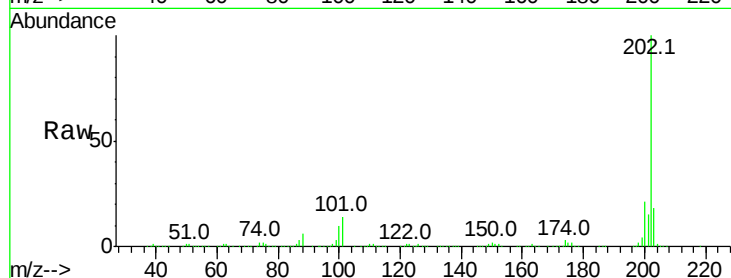
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	202	Resp:	877544
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
APPROVED

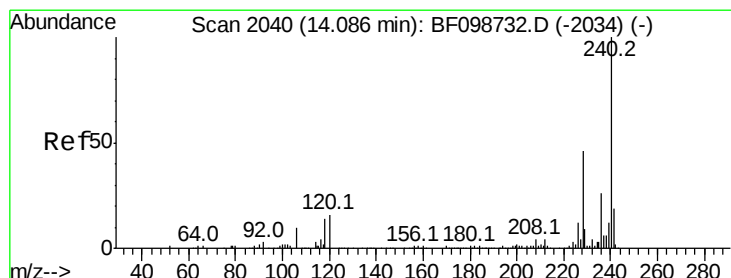
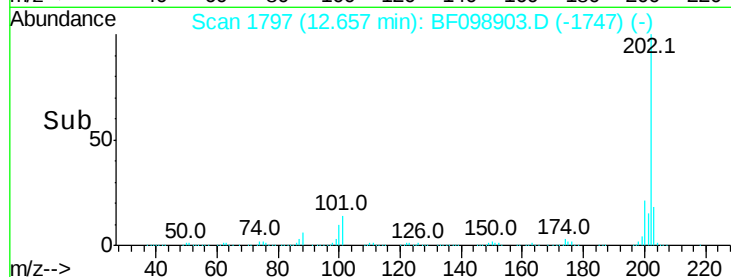
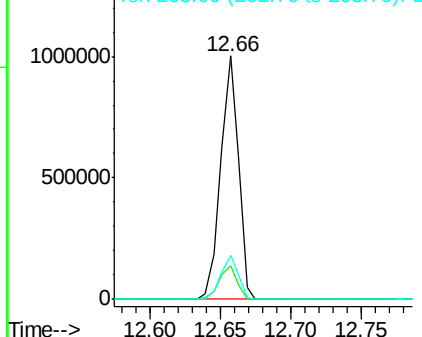
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

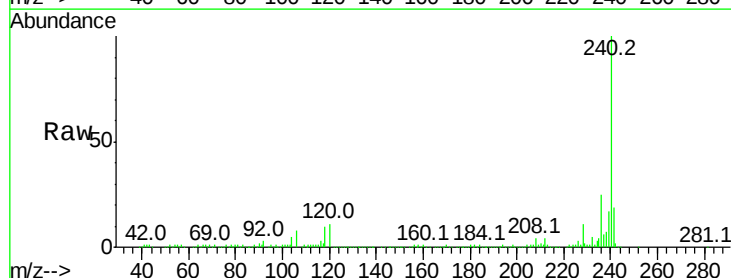
RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

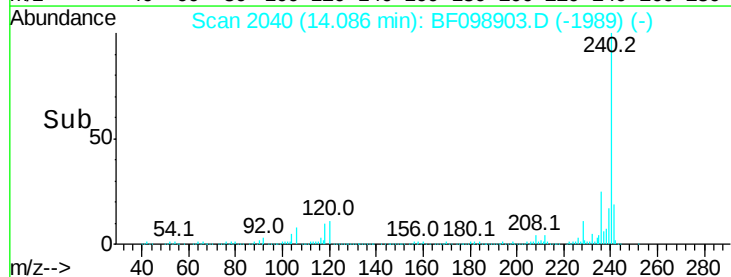
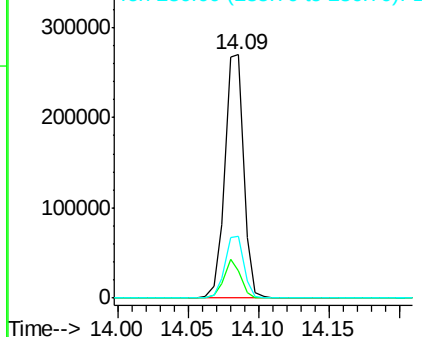
Tgt Ion:	240	Resp:	251045
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.5	20.7	31.1

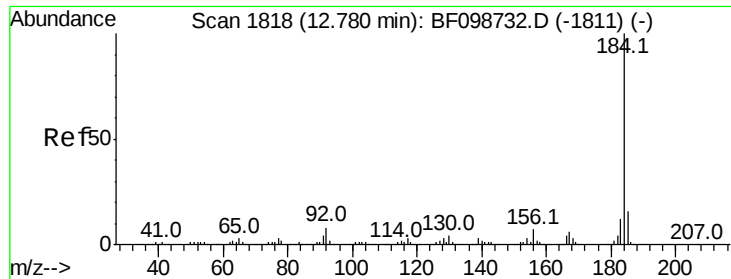


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





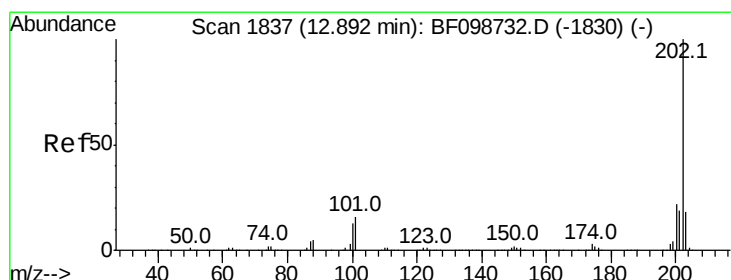
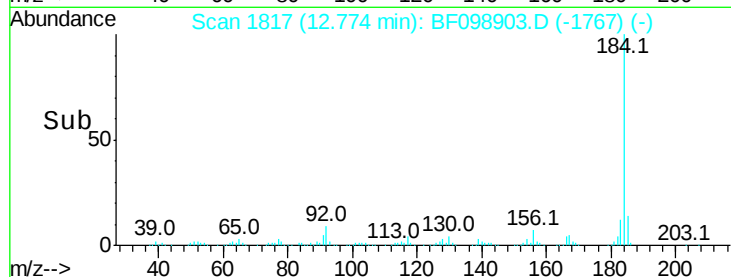
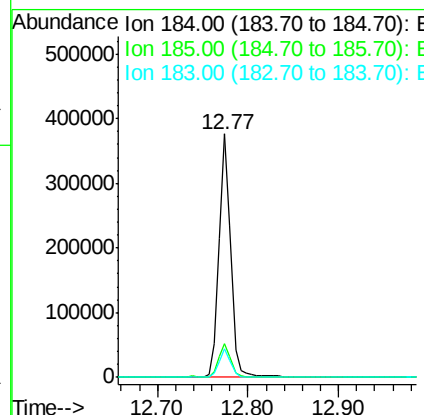
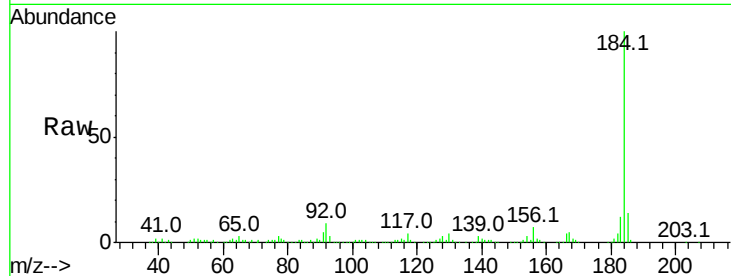
#76
Benzidine
Concen: 36.836 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.5	9.3	13.9

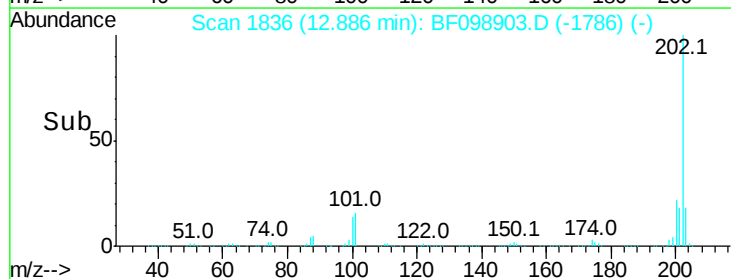
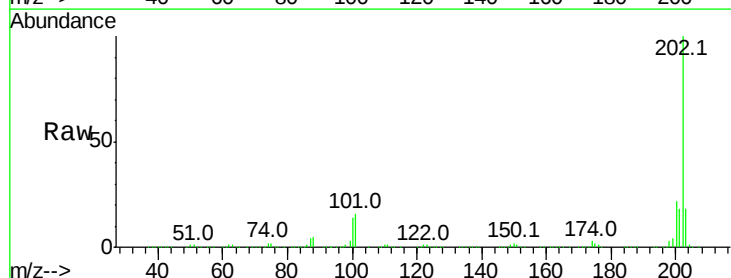
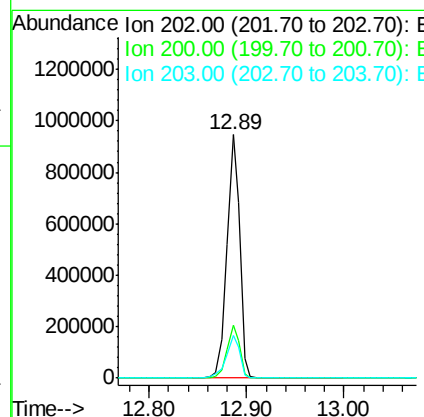
Manual Integrations
APPROVED

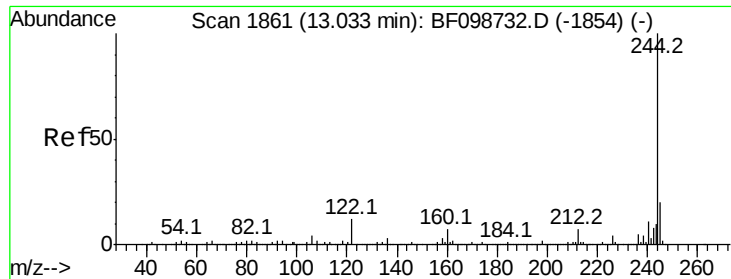
Sohil
9/29/2017 6:03:53 PM



#77
Pyrene
Concen: 44.689 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 82.860 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:244 Resp: 914678

Ion Ratio Lower Upper

244 100

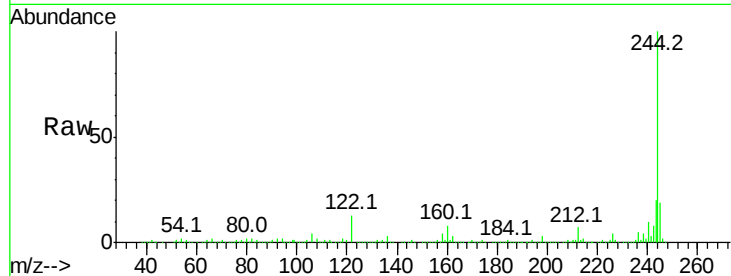
212 7.1 5.4 8.0

122 13.1 11.0 16.4

Manual Integrations
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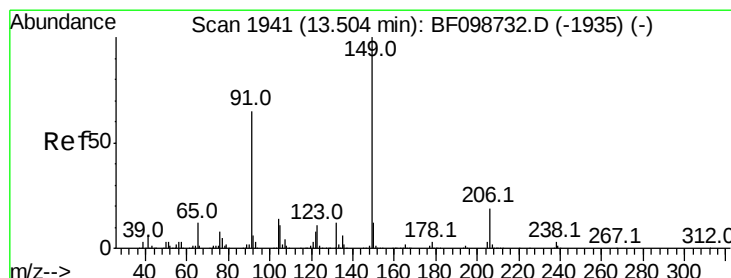
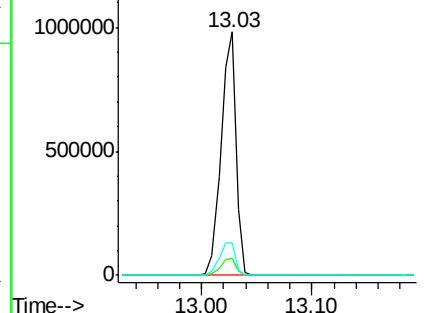
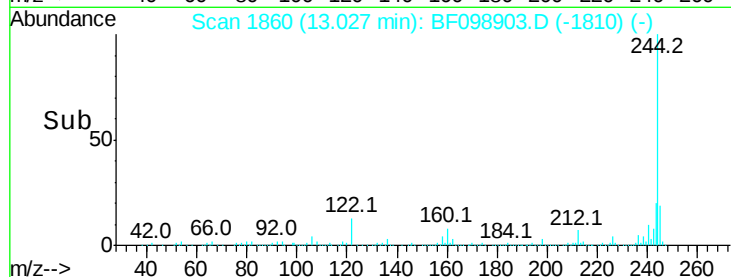
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.891 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

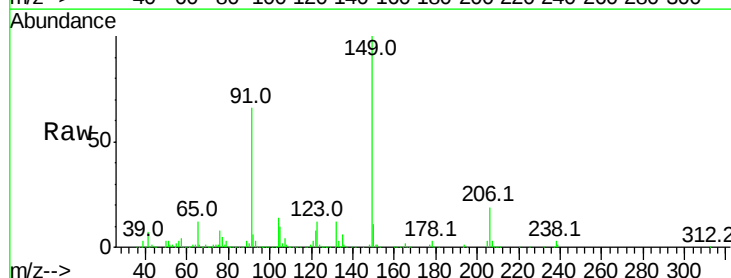
Tgt Ion:149 Resp: 376887

Ion Ratio Lower Upper

149 100

91 65.6 56.8 85.2

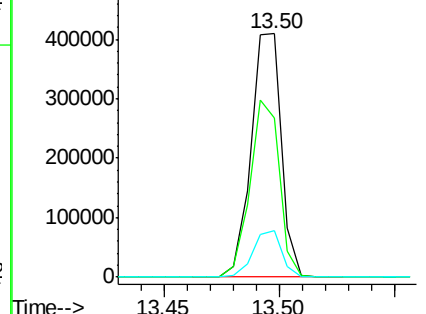
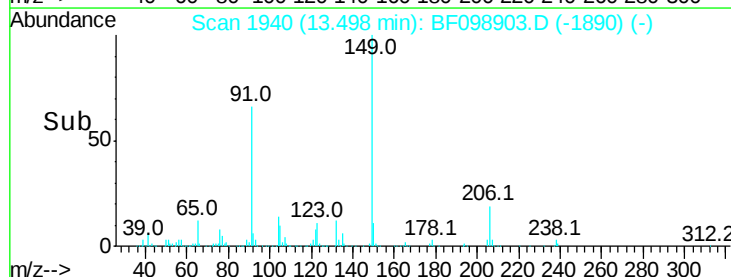
206 19.1 14.1 21.1

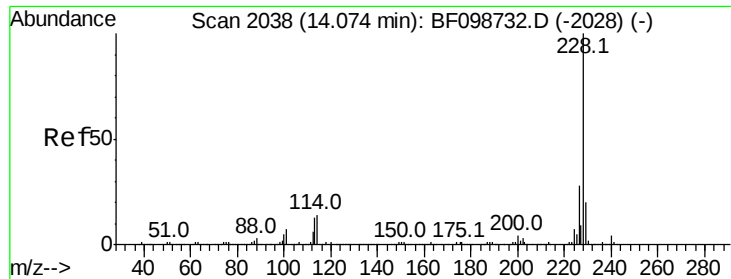


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





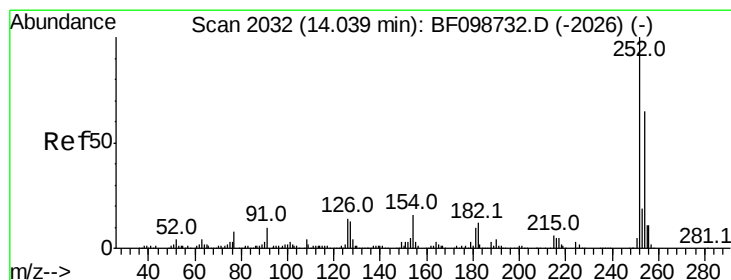
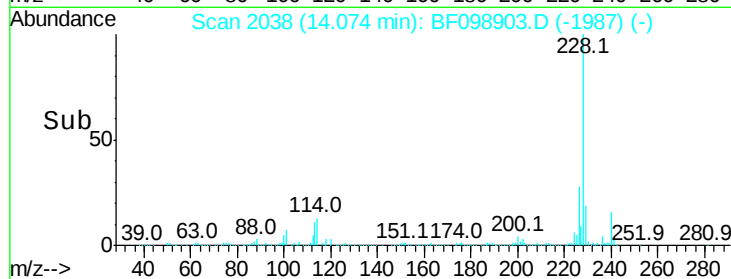
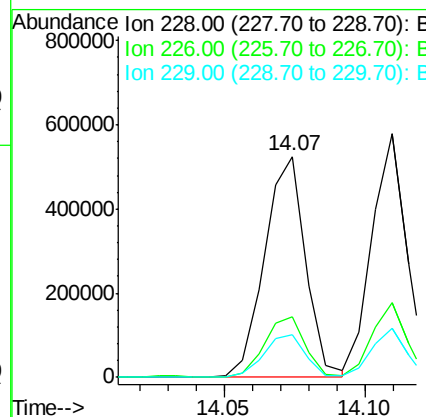
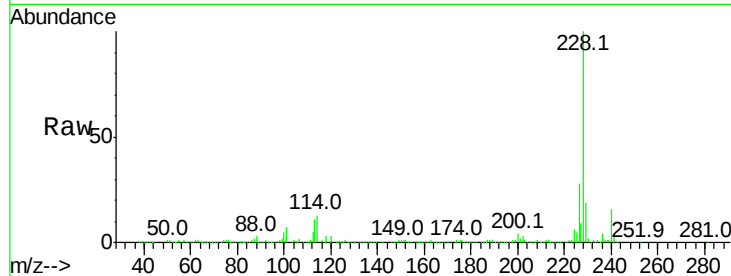
#80
Benzo(a)anthracene
Concen: 34.653 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6

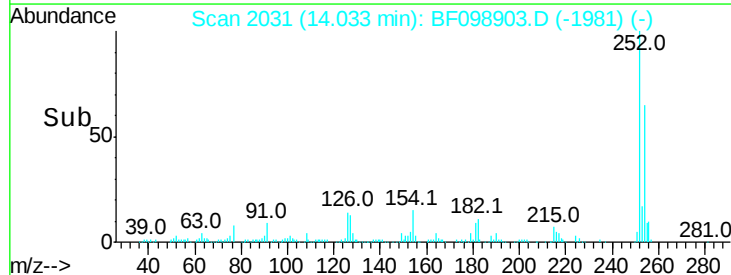
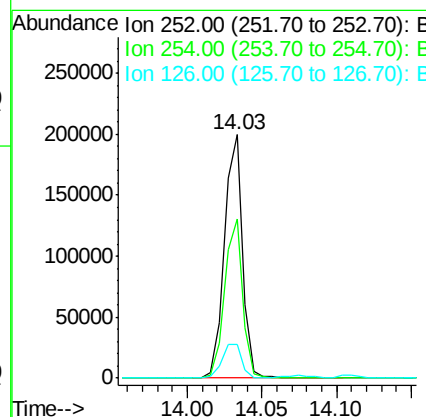
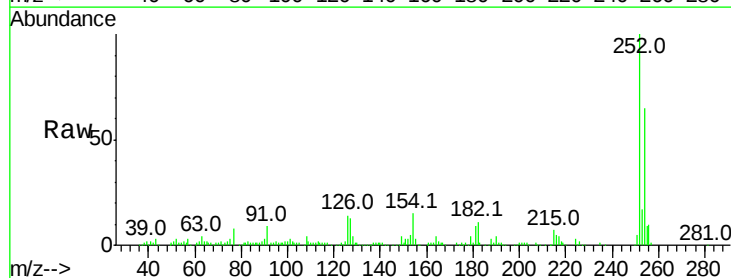
Manual Integrations
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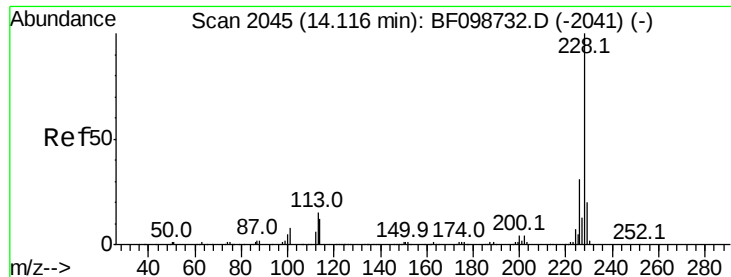
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 30.715 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	13.7	11.3	16.9





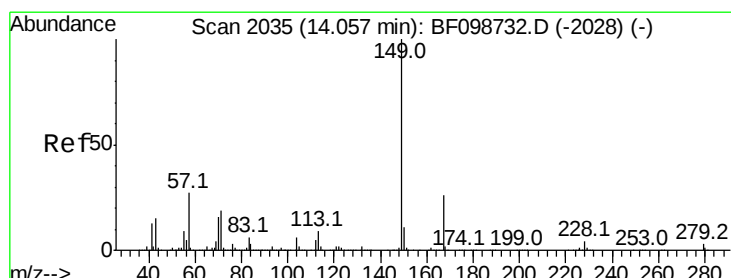
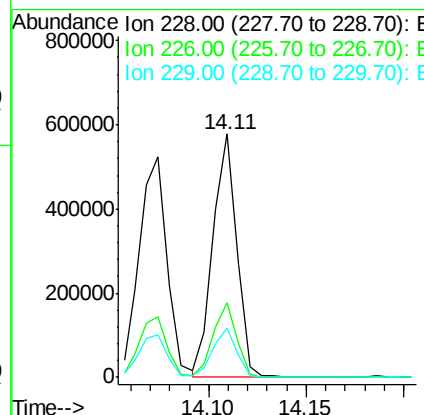
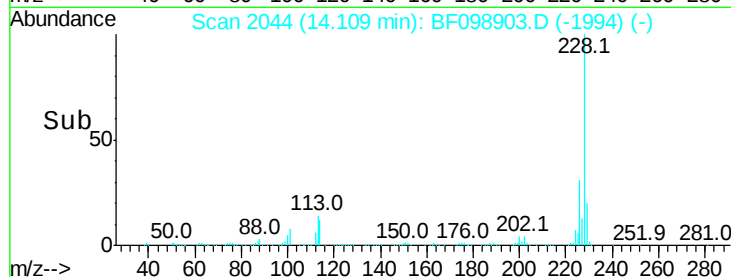
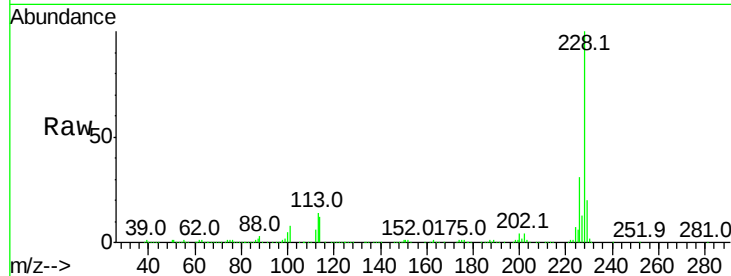
#82
 Chrvsene
 Concen: 33.820 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	228	Resp:	489460
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	19.9	16.2	24.4

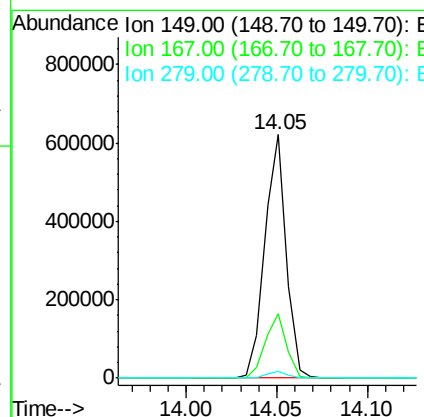
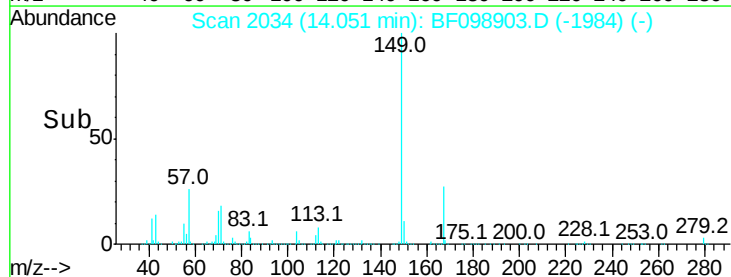
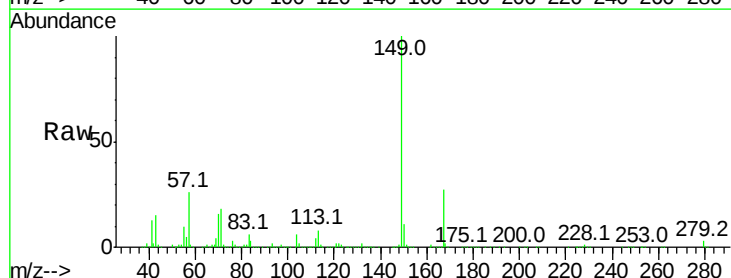
Manual Integrations
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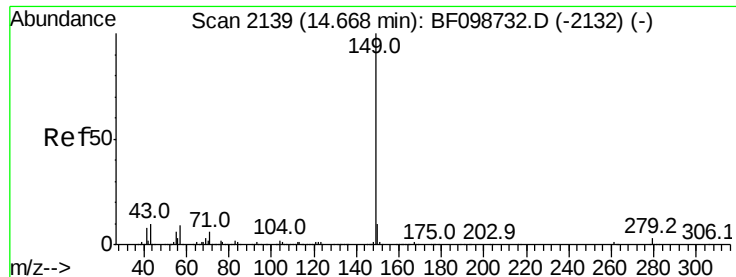
Sohil
 9/29/2017 6:03:53 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.045 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:	149	Resp:	508474
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	2.8	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 34.802 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

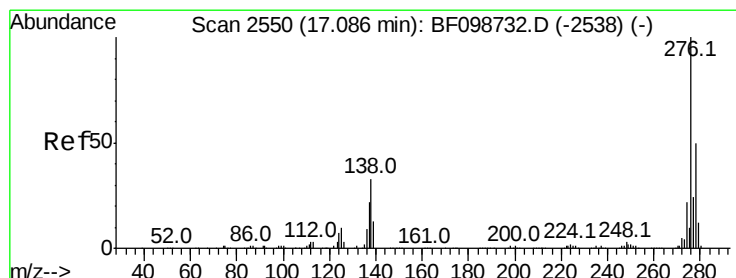
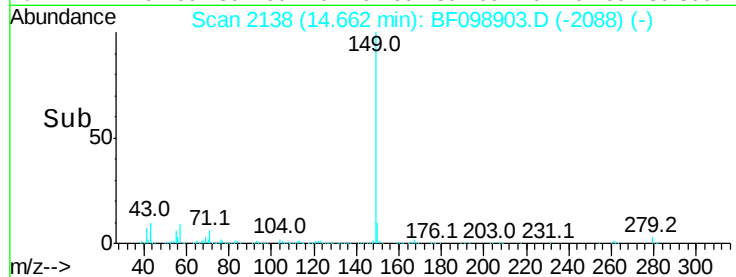
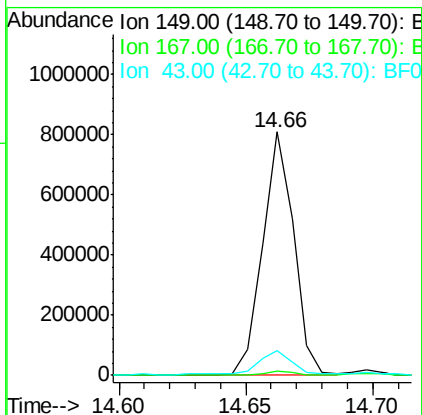
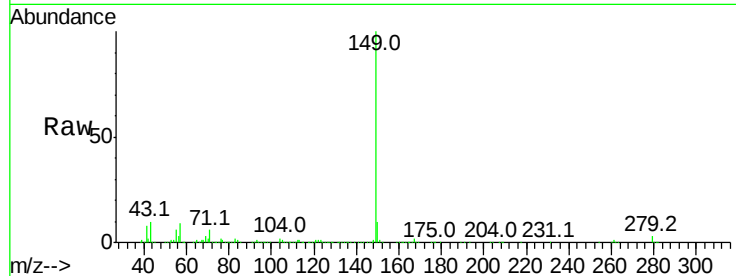
ClientSampleId :

SASP2P-ENV-119-2(5-10)MSD

Tot Ion:	149	Resp:	694212
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.0	8.4	12.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 47.884 ng

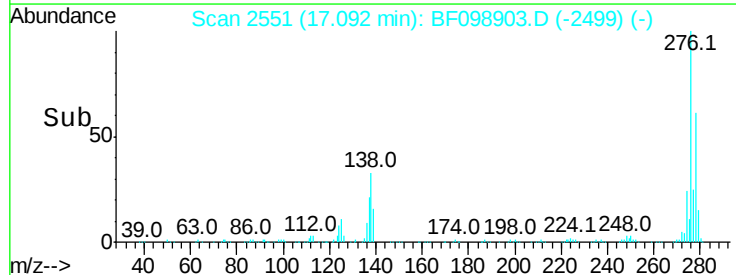
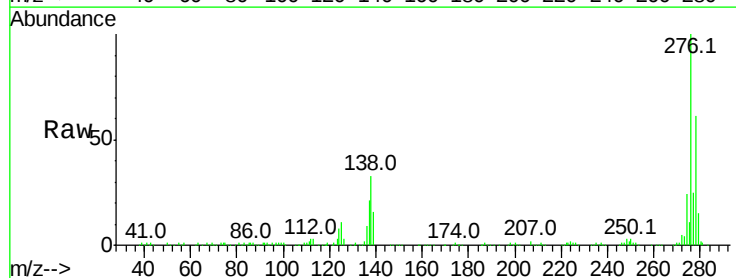
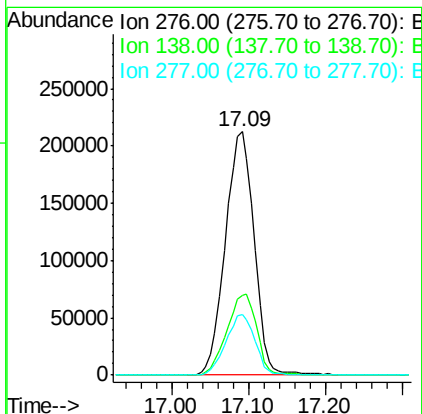
RT: 17.09 min Scan# 2551

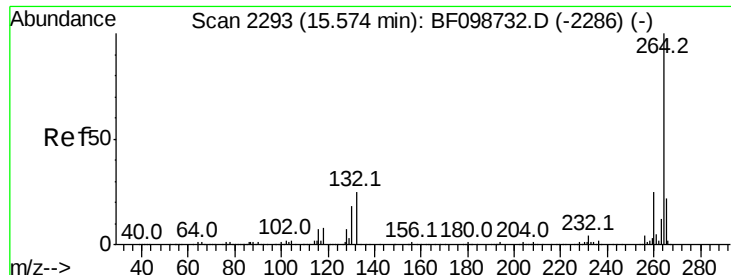
Delta R.T. 0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:	276	Resp:	554356
Ion Ratio	Lower	Upper	
276	100		
138	34.6	25.0	37.6
277	25.3	20.1	30.1





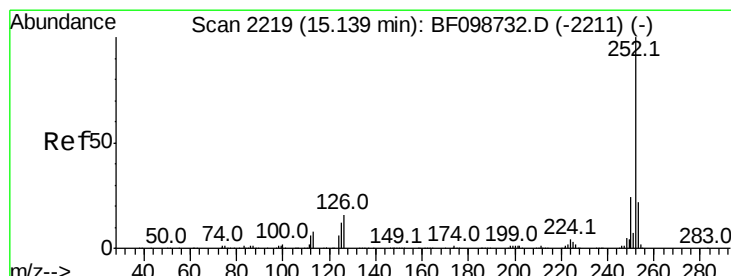
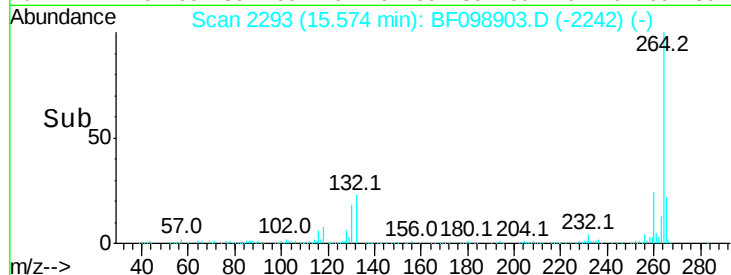
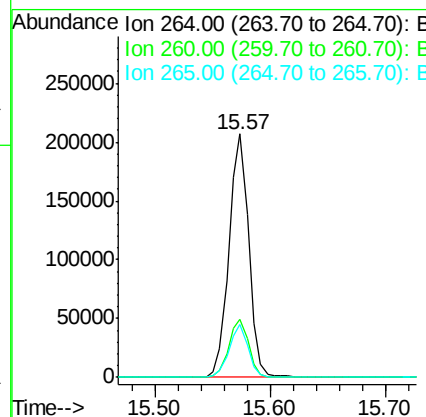
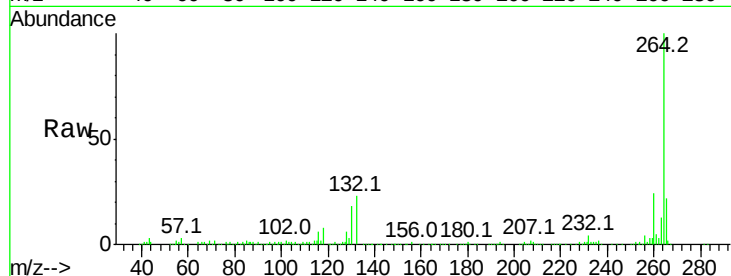
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

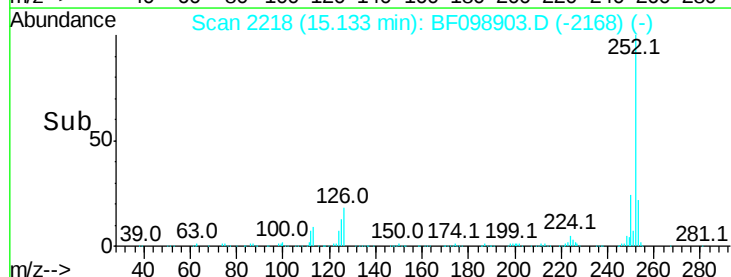
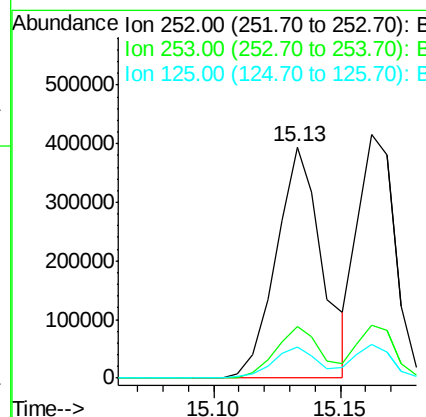
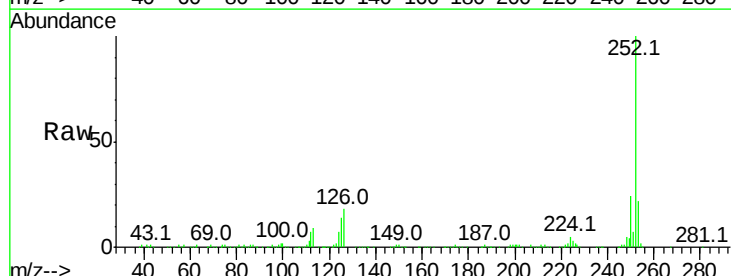
Manual Integrations
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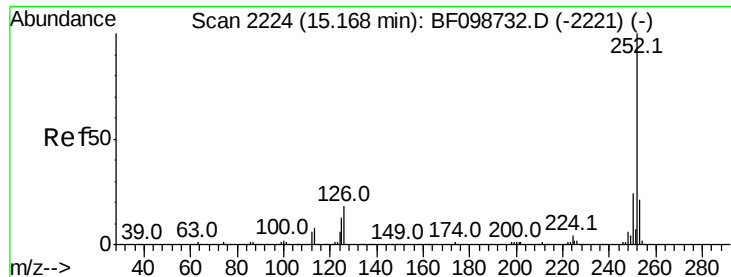
Sohil
9/29/2017 6:03:53 PM



#87
Benzo(b)fluoranthene
Concen: 33.040 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.6	9.0	13.6#





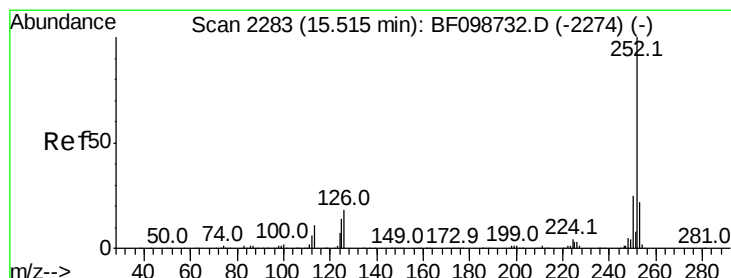
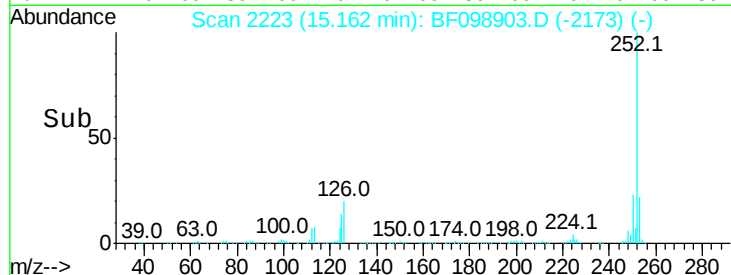
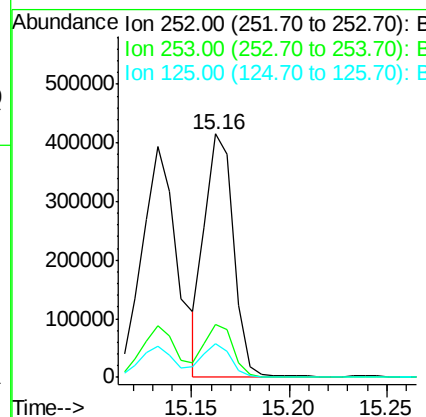
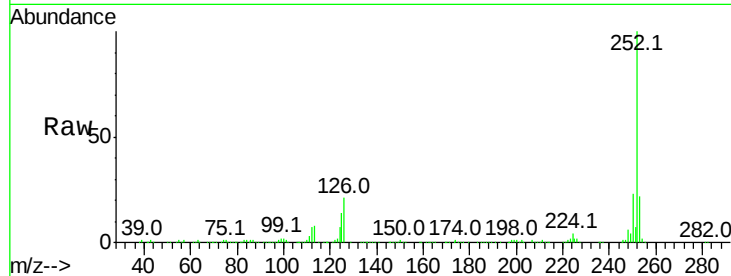
#88
Benzo(k)fluoranthene
Concen: 28.626 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.8	10.2	15.2

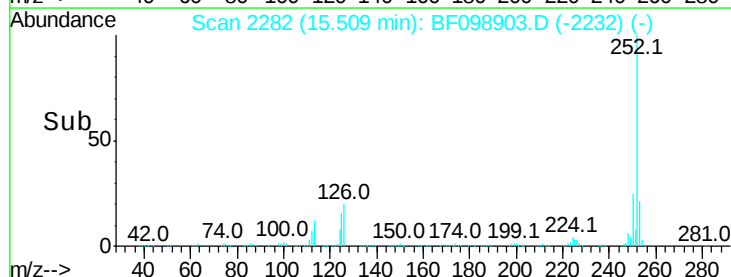
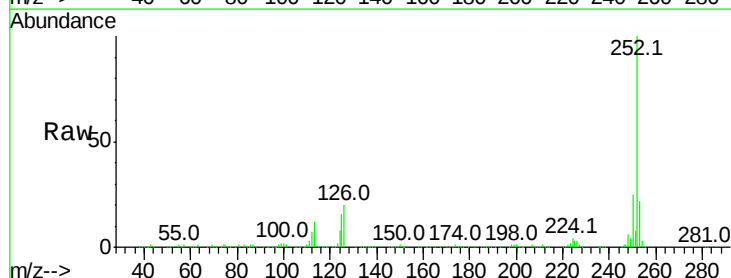
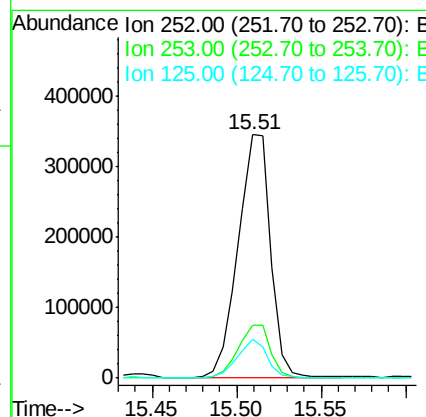
Manual Integrations
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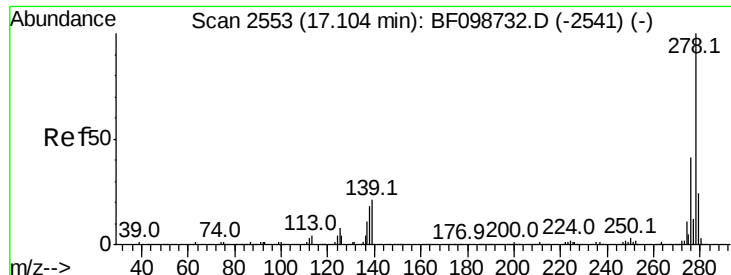
Sohil
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#89
Benzo(a)pyrene
Concen: 33.556 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	15.7	9.8	14.6





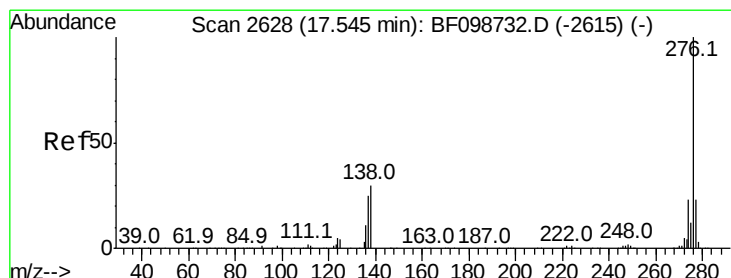
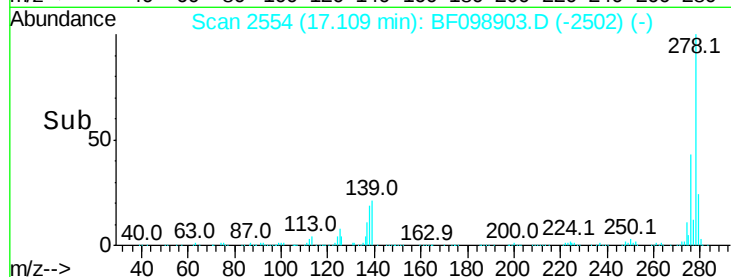
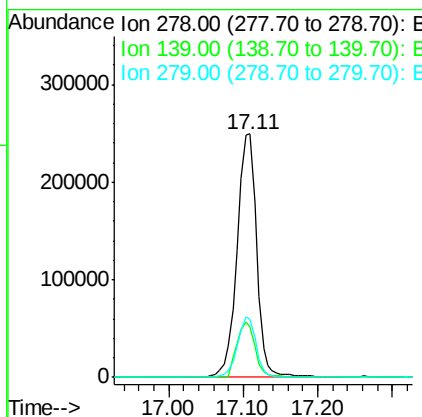
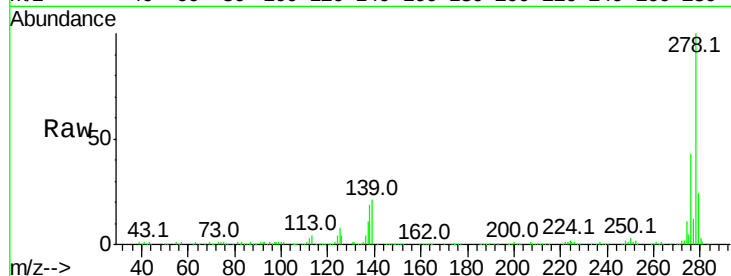
#90
Dibenzo(a,h)anthracene
Concen: 41.357 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-119-2(5-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.0	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 41.961 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.8	21.8	32.8

