

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097604.D
 Acq On : 11 Aug 2017 20:14
 Operator : SJ/JU
 Sample : I4631-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Manual Integrations
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 8/14/2017 6:39:53 PM

Quant Time: Aug 14 10:41:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	99449	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	468487	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	188717	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	323934	20.00	ng	0.00
75) Chrysene-d12	18.48	240	194254	20.00	ng	0.02
86) Perylene-d12	20.14	264	204671	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	461315	73.73	ng	0.00
7) Phenol-d6	7.05	99	358975	46.25	ng	0.00
23) Nitrobenzene-d5	8.42	82	612774	82.02	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	193821	135.10	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	1037675	82.98	ng	0.00
78) Terphenyl-d14	17.13	244	596070	63.51	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	37481	13.804	ng	# 75
3) Pyridine	2.51	79	33180	4.190	ng	# 70
4) n-Nitrosodimethylamine	2.38	42	64037	13.937	ng	# 79
6) Aniline	7.02	93	93162	8.352	ng	100
8) 2-Chlorophenol	7.19	128	285307	39.779	ng	92
9) Benzaldehyde	6.82	77	161712	31.598	ng	95
10) Phenol	7.07	94	128041	15.067	ng	97
11) bis(2-Chloroethyl)ether	7.15	93	311941	45.765	ng	89
12) 1,3-Dichlorobenzene	7.41	146	288872	35.964	ng	97
13) 1,4-Dichlorobenzene	7.53	146	282244	34.522	ng	94
14) 1,2-Dichlorobenzene	7.77	146	288293	38.639	ng	97
15) Benzyl Alcohol	7.80	79	144695	26.979	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	722215	47.193	ng	91
17) 2-Methylphenol	8.02	107	190143	34.206	ng	# 91
18) Hexachloroethane	8.29	117	103581	37.030	ng	# 81
19) n-Nitroso-di-n-propylamine	8.23	70	242225	44.869	ng	# 82
20) 3+4-Methylphenols	8.28	107	226486	33.269	ng	# 60
22) Acetophenone	8.19	105	449794	40.640	ng	# 97
24) Nitrobenzene	8.45	77	330152	40.549	ng	96
25) Isophorone	8.85	82	589482	42.831	ng	97
26) 2-Nitrophenol	8.96	139	189864	46.103	ng	# 82
27) 2,4-Dimethylphenol	9.10	122	275211	40.074	ng	97
28) bis(2-Chloroethoxy)methane	9.23	93	427390	42.978	ng	98
29) 2,4-Dichlorophenol	9.38	162	267963	44.251	ng	95
30) 1,2,4-Trichlorobenzene	9.47	180	228686	38.090	ng	98
31) Naphthalene	9.57	128	908886	38.732	ng	99
32) Benzoic acid	9.40	122	55225	14.923	ng	88
33) 4-Chloroaniline	9.72	127	158887	16.345	ng	96
34) Hexachlorobutadiene	9.79	225	113116	34.491	ng	97
35) Caprolactam	10.40	113	14157m	7.256	ng	
36) 4-Chloro-3-methylphenol	10.57	107	268594	39.477	ng	85
37) 2-Methylnaphthalene	10.70	142	610698	41.362	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	214266	40.096	ng	99
40) Hexachlorocyclopentadiene	10.96	237	89945	82.762	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	157829	44.828	nq	97
43) 2,4,5-Trichlorophenol	11.29	196	154934	46.591	nq	98
45) 1,1'-Biphenyl	11.47	154	626929	38.721	nq	97
46) 2-Chloronaphthalene	11.49	162	482446	38.808	nq	93
47) 2-Nitroaniline	11.70	65	208799	42.876	nq	97
48) Acenaphthylene	12.14	152	812705	41.123	nq	100
49) Dimethylphthalate	12.03	163	706393	48.569	nq	100
50) 2,6-Dinitrotoluene	12.12	165	135497	45.115	nq #	70
51) Acenaphthene	12.42	154	456981	38.584	nq	100
52) 3-Nitroaniline	12.38	138	83544	21.245	nq #	95
53) 2,4-Dinitrophenol	12.59	184	119068	96.169	nq #	73
54) Dibenzofuran	12.71	168	704348	42.480	nq	97
55) 4-Nitrophenol	12.83	139	52523m	35.070	nq	
56) 2,4-Dinitrotoluene	12.78	165	178978	44.648	nq #	76
57) Fluorene	13.26	166	590939	43.338	nq	96
58) 2,3,4,6-Tetrachlorophenol	12.96	232	112915	49.442	nq	99
59) Diethylphthalate	13.17	149	639920	46.584	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	255475	43.886	nq	98
61) 4-Nitroaniline	13.38	138	79412	21.170	nq	96
62) Azobenzene	13.55	77	657647	48.121	nq	93
64) 4,6-Dinitro-2-methylphenol	13.46	198	91333	46.221	nq	91
65) n-Nitrosodiphenylamine	13.50	169	508680	42.493	nq	97
66) 4-Bromophenyl-phenylether	14.07	248	143927	42.826	nq	94
67) Hexachlorobenzene	14.16	284	154334	42.158	nq #	88
68) Atrazine	14.47	200	100599	33.493	nq	93
69) Pentachlorophenol	14.52	266	110024	Below Cal		99
70) Phenanthrene	14.81	178	776813	41.636	nq	99
71) Anthracene	14.90	178	775359	40.617	nq	99
72) Carbazole	15.19	167	707375	38.925	nq	98
73) Di-n-butylphthalate	15.77	149	862365	40.542	nq	99
74) Fluoranthene	16.58	202	648513	38.467	nq	99
77) Pyrene	16.88	202	635777	39.578	nq	99
79) Butylbenzylphthalate	17.80	149	310051	46.169	nq #	74
80) Benzo(a)anthracene	18.47	228	501943	44.242	nq	99
82) Chrysene	18.52	228	469499	41.606	nq	99
83) Bis(2-ethylhexyl)phthalate	18.55	149	458659	48.019	nq #	100
84) Di-n-octyl phthalate	19.31	149	734355	44.024	nq #	90
85) Indeno(1,2,3-cd)pyrene	21.37	276	557529	63.523	nq	98
87) Benzo(b)fluoranthene	19.74	252	522476	42.512	nq	97
88) Benzo(k)fluoranthene	19.77	252	462129m	37.335	nq	
89) Benzo(a)pyrene	20.09	252	484695	42.967	nq	98
90) Dibenzo(a,h)anthracene	21.38	278	462499	57.263	nq	97
91) Benzo(g,h,i)perylene	21.72	276	516531	58.297	nq	98

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

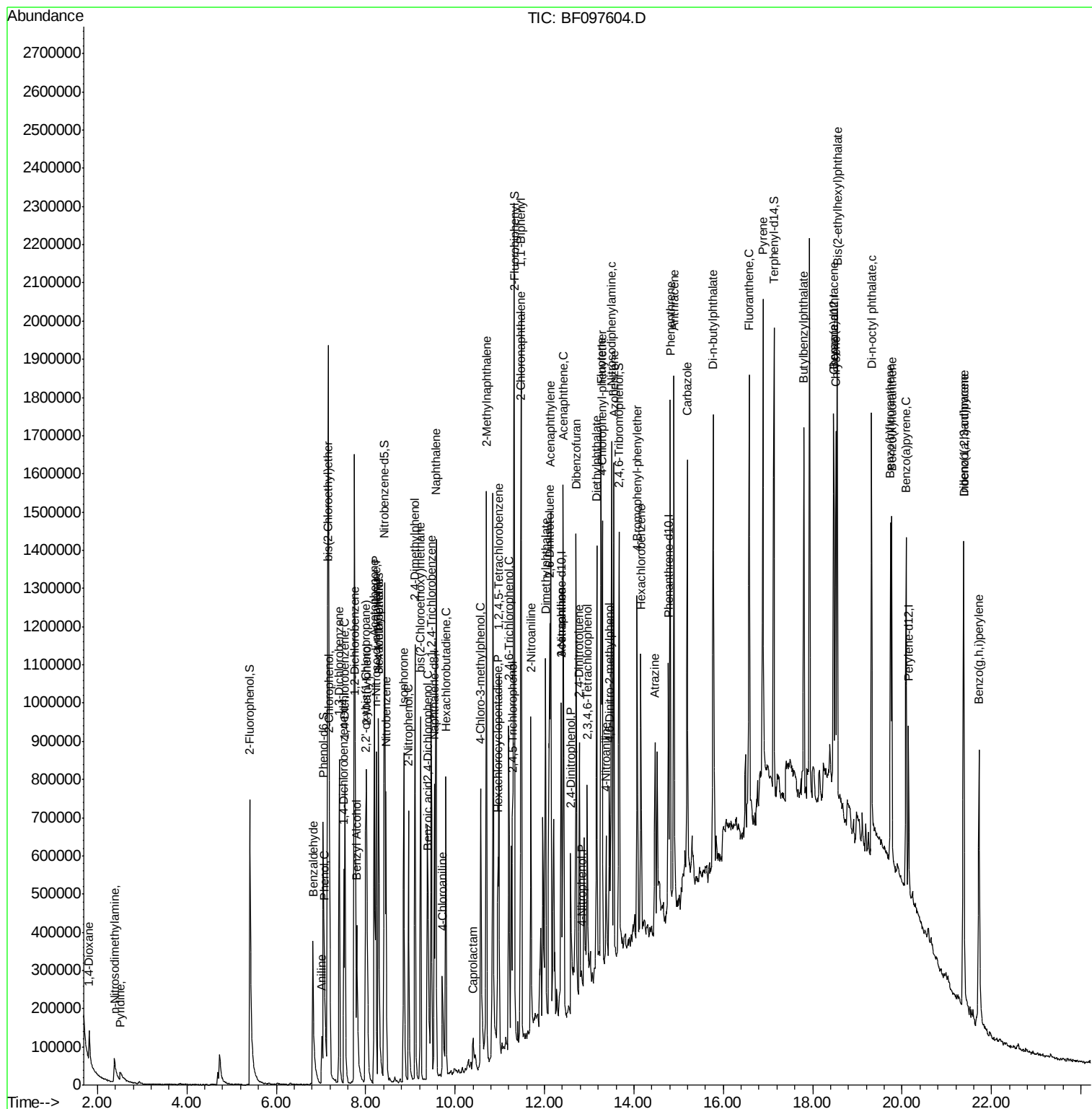
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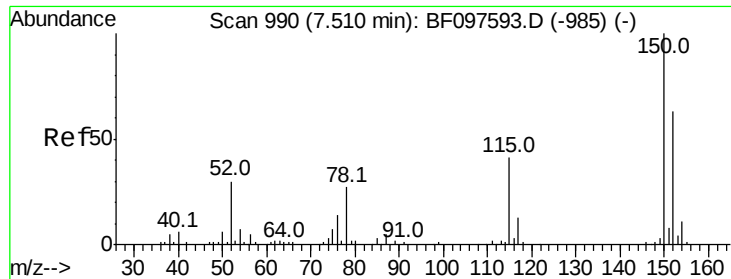
Instrument :
BNA_F
ClientSampled :
VE-4-11MS

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#1

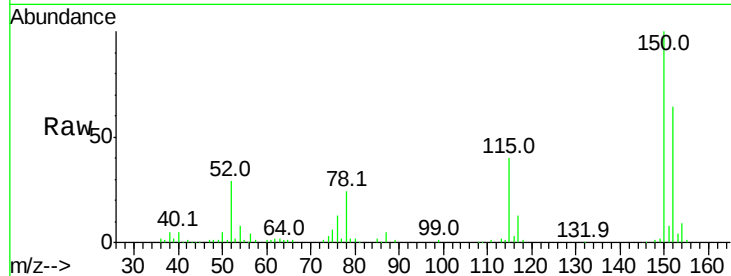
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	63.3	52.2	78.2

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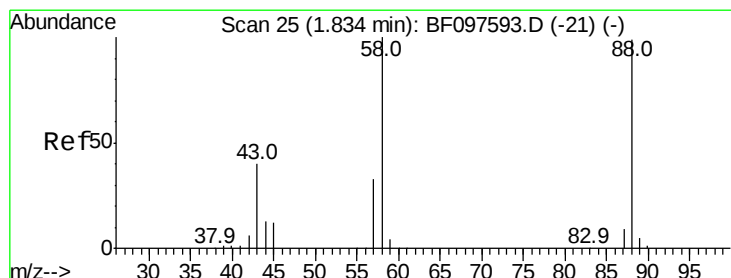
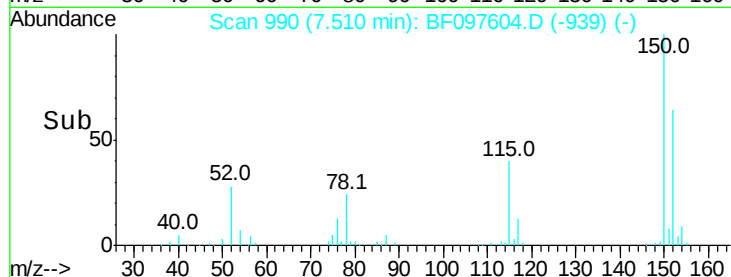
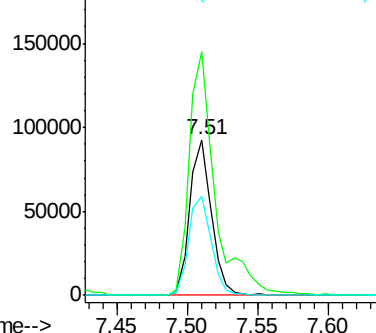


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

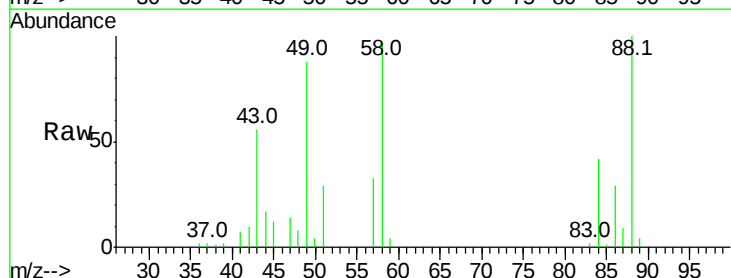
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.804 ng
RT: 1.82 min Scan# 22
Delta R.T. -0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.5	61.4	92.0#
43	40.8	23.4	35.0#

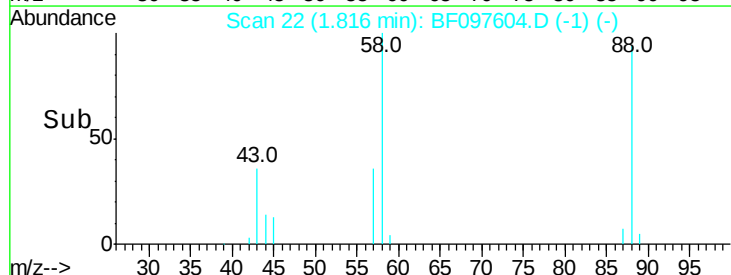
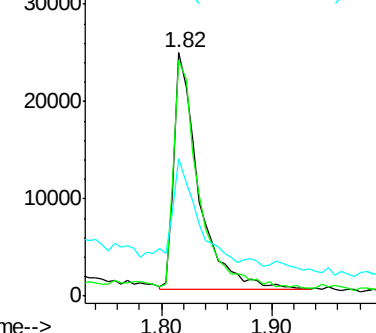


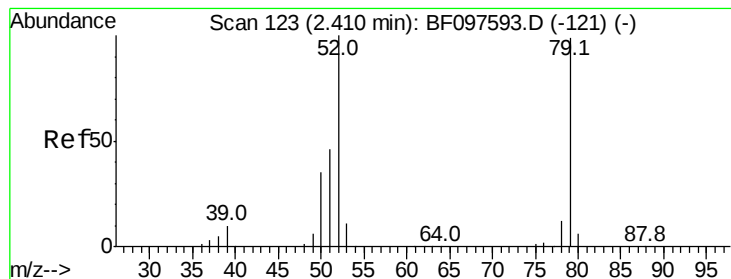
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 4.190 ng

RT: 2.51 min Scan# 140

Delta R.T. 0.10 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion: 79 Resp: 33180

Ion Ratio Lower Upper

79 100

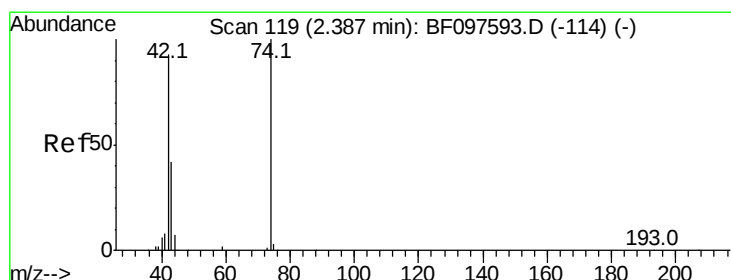
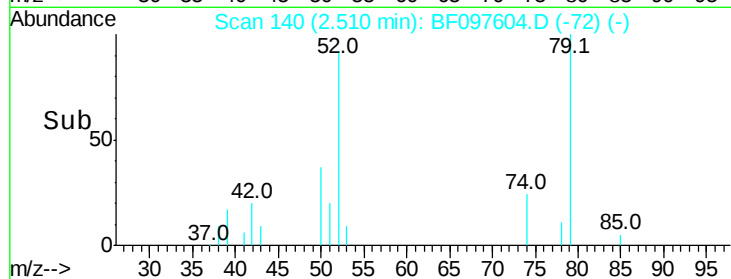
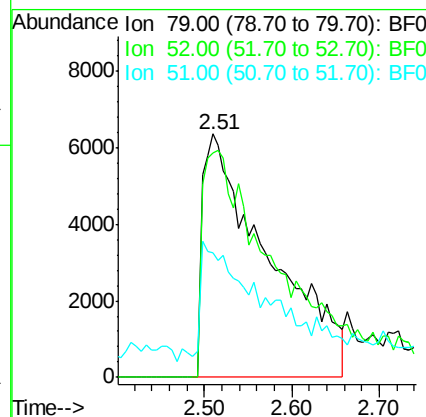
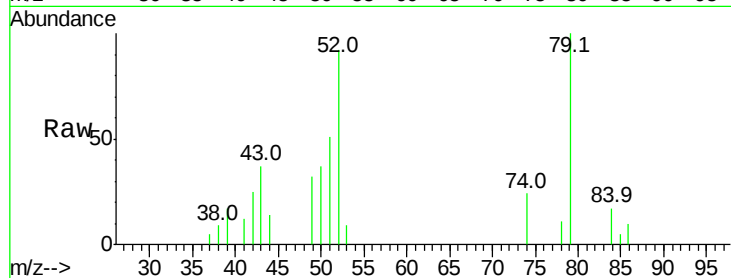
52 92.2 54.8 82.2#

51 51.2 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 13.937 ng

RT: 2.38 min Scan# 118

Delta R.T. -0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

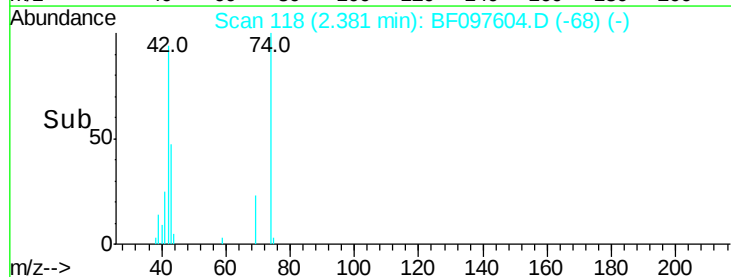
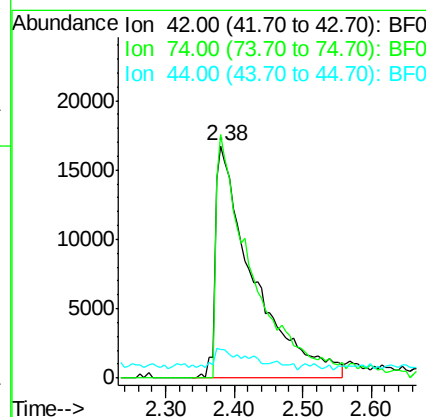
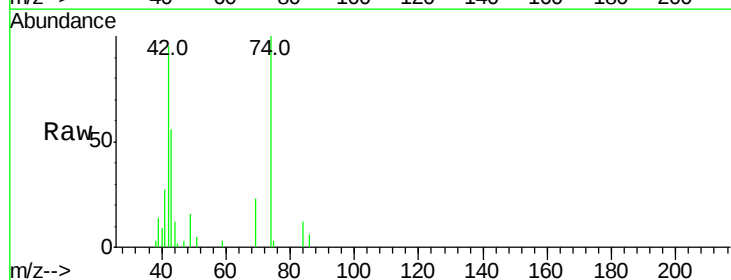
Tgt Ion: 42 Resp: 64037

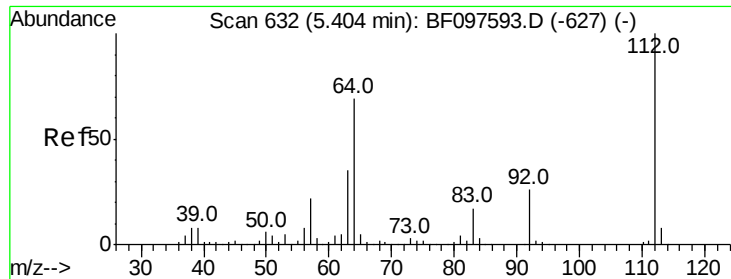
Ion Ratio Lower Upper

42 100

74 104.7 103.9 155.9

44 12.3 5.7 8.5#





#5

2-Fluorophenol

Concen: 73.732 ng

RT: 5.41 min Scan# 633

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

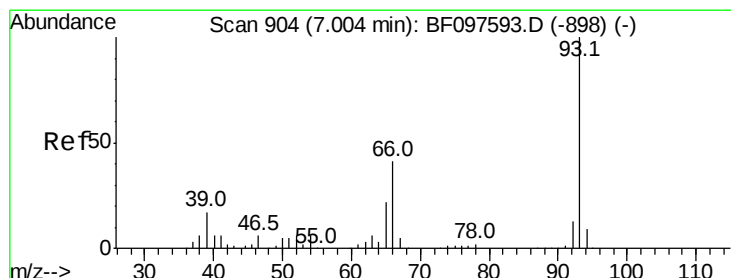
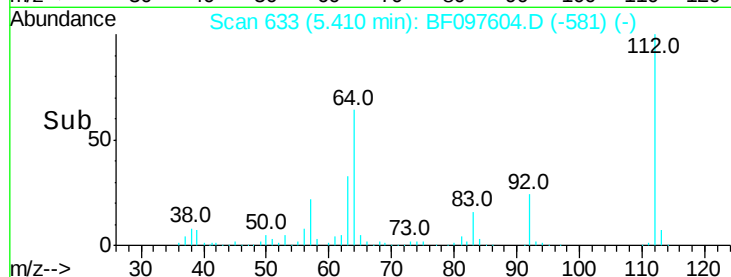
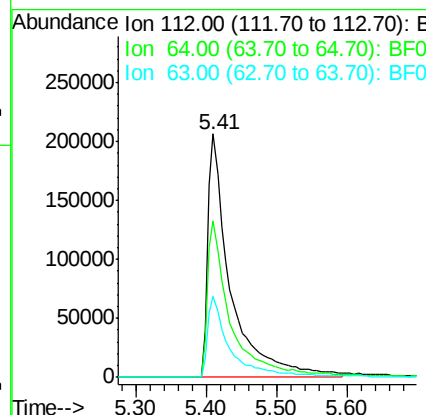
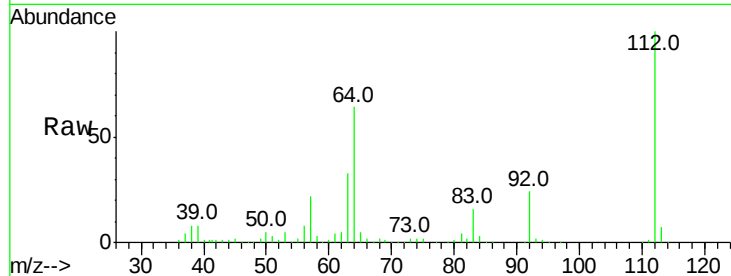
ClientSampled :

VE-4-11MS

Tot Ion:	112	Resp:	461315
Ion Ratio	Lower	Upper	
112	100		
64	64.1	46.0	69.0
63	33.2	23.4	35.0

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#6

Aniline

Concen: 8.352 ng

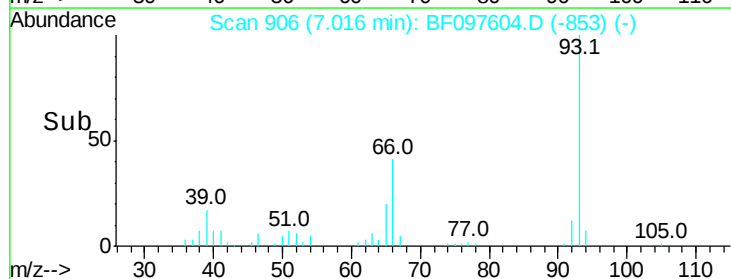
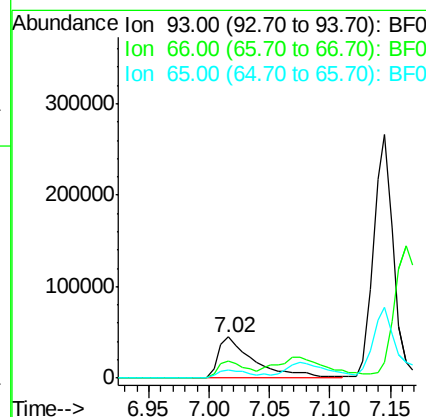
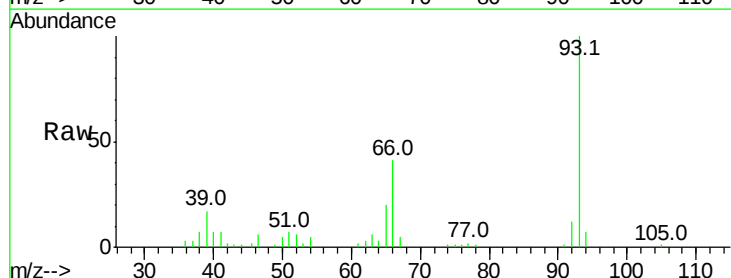
RT: 7.02 min Scan# 906

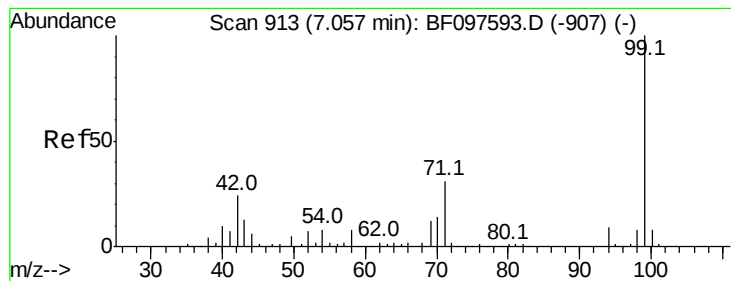
Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:	93	Resp:	93162
Ion Ratio	Lower	Upper	
93	100		
66	41.0	32.9	49.3
65	20.4	16.0	24.0





#7

Phenol-d6

Concen: 46.251 ng

RT: 7.05 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

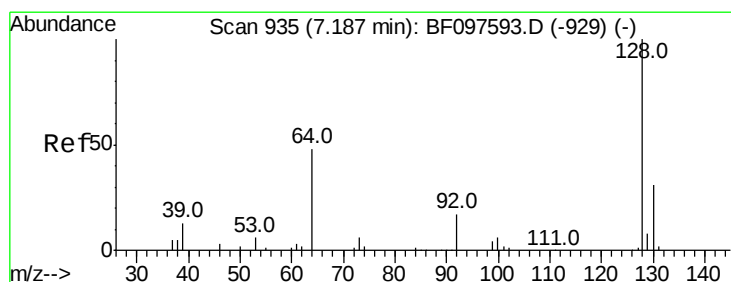
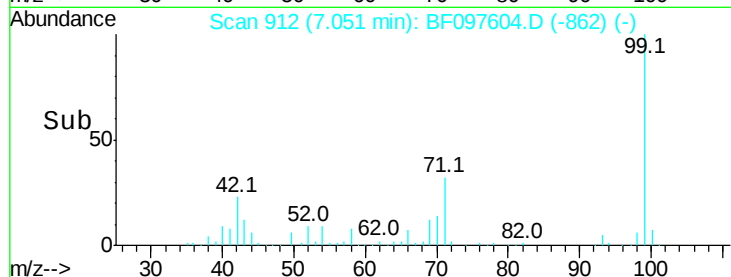
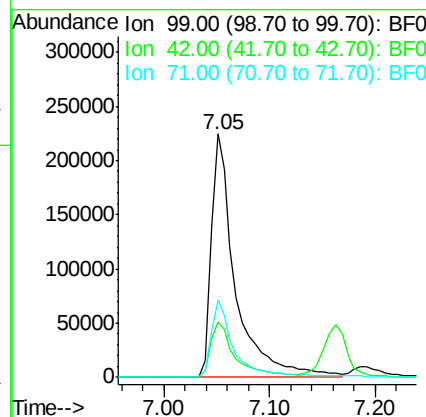
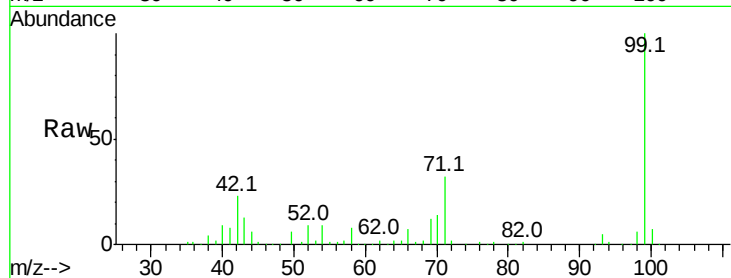
ClientSampleId :

VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		358975		
42	22.8	13.5	20.3#		
71	31.8	24.5	36.7		

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#8

2-Chlorophenol

Concen: 39.779 ng

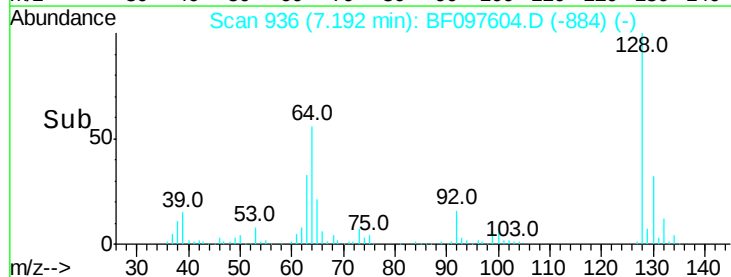
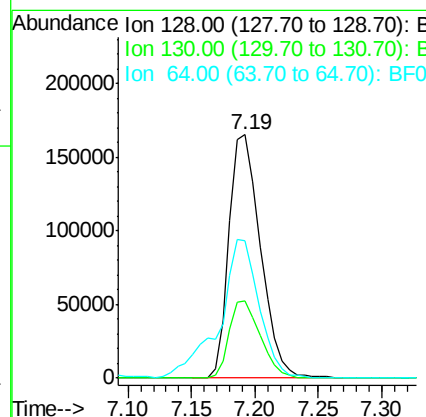
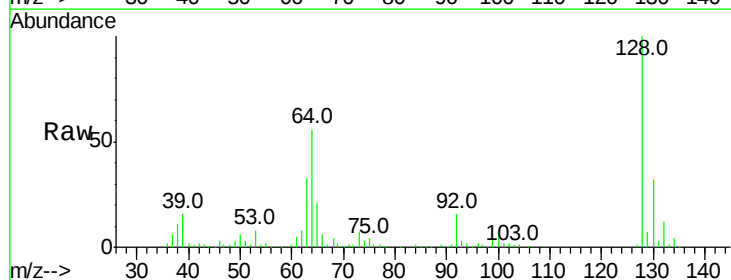
RT: 7.19 min Scan# 936

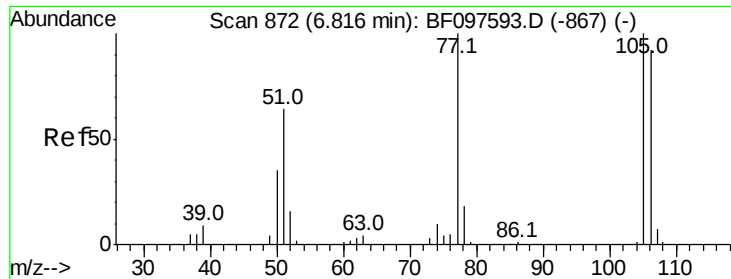
Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		285307		
130	31.5	12.9	52.9		
64	56.5	28.4	68.4		





#9

Benzaldehyde

Concen: 31.598 ng

RT: 6.82 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

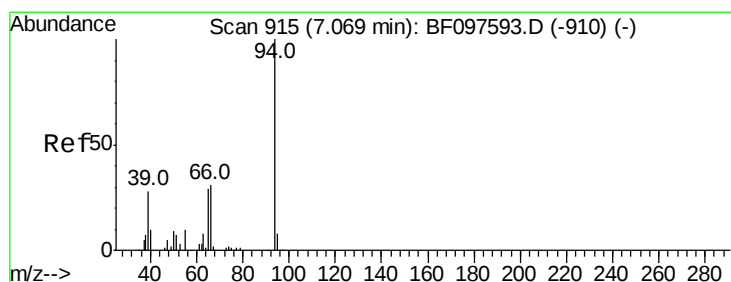
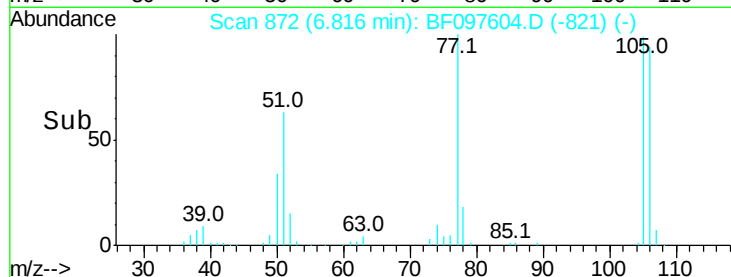
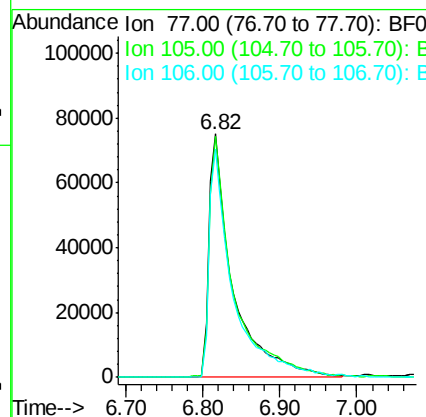
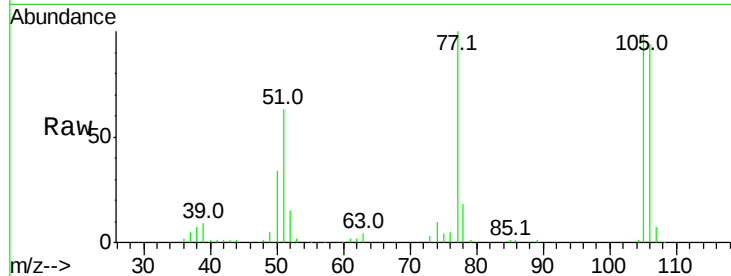
ClientSampled :

VE-4-11MS

Tot Ion:	77	Resp:	161712
Ion Ratio	Lower	Upper	
77	100		
105	98.8	83.8	123.8
106	94.0	79.1	119.1

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#10

Phenol

Concen: 15.067 ng

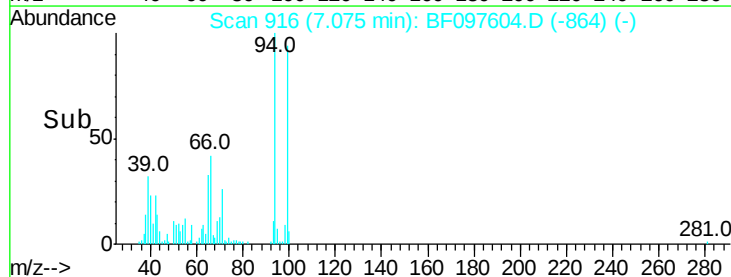
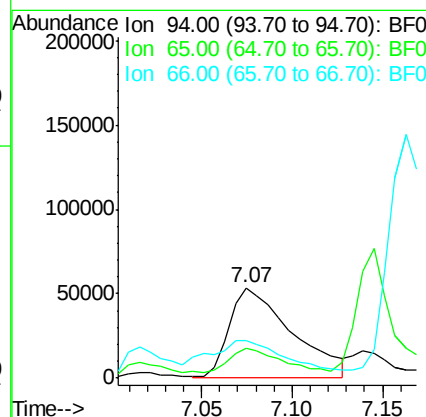
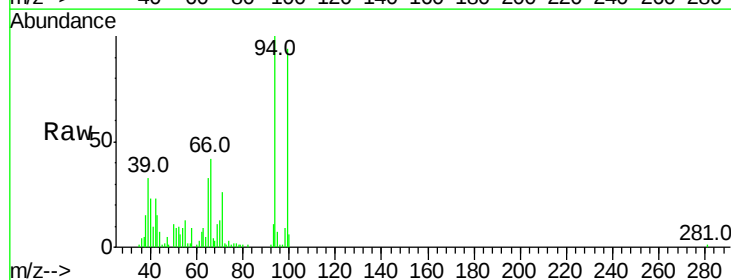
RT: 7.07 min Scan# 916

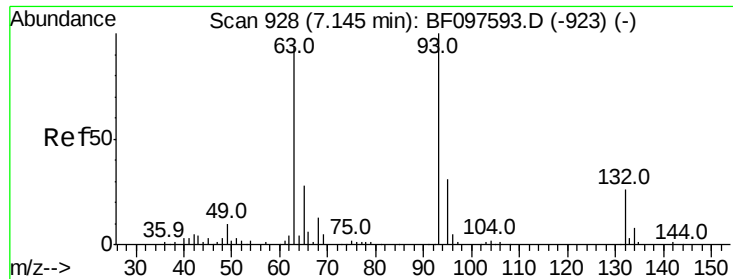
Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:	94	Resp:	128041
Ion Ratio	Lower	Upper	
94	100		
65	32.6	9.9	49.9
66	41.9	23.1	63.1





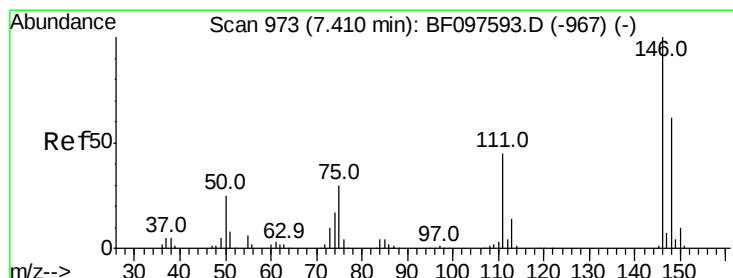
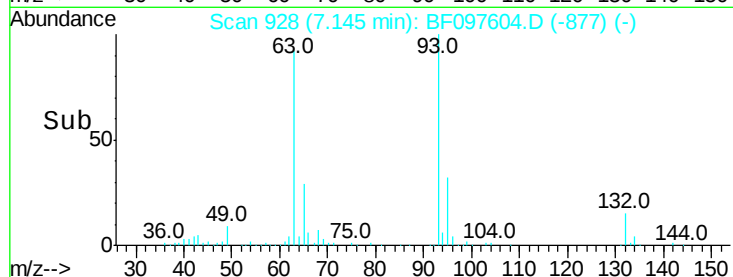
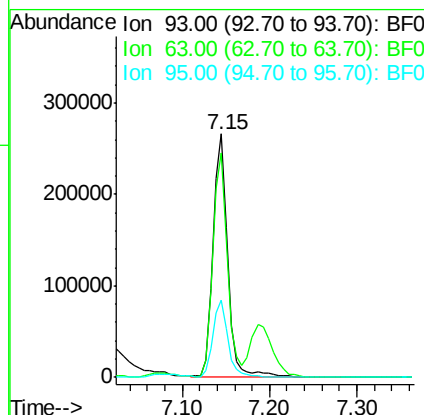
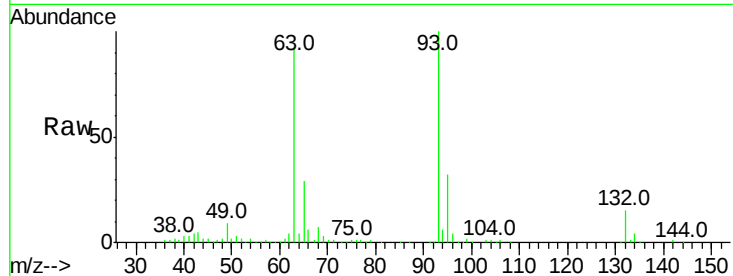
#11
bis(2-Chloroethyl)ether
Concen: 45.765 ng
RT: 7.15 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion:	93	Resp:	311941
Ion Ratio	Lower	Upper	
93	100		
63	92.0	59.2	99.2
95	31.6	12.8	52.8

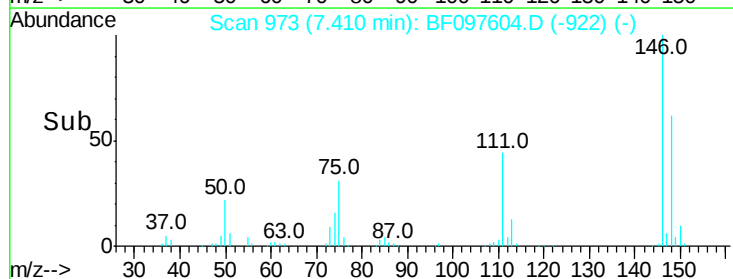
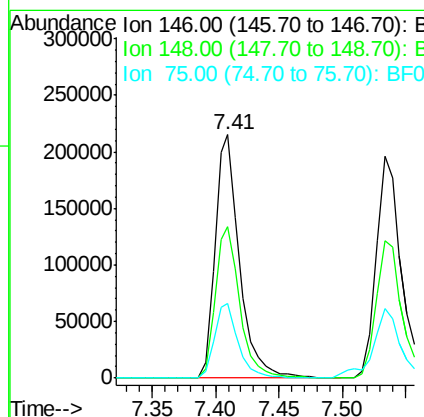
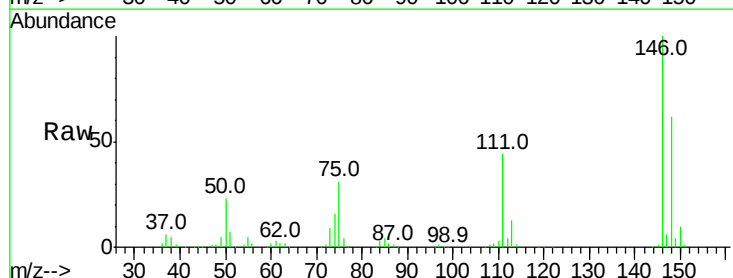
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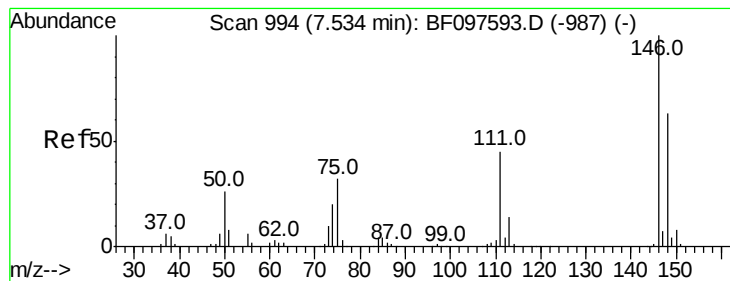
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#12
1,3-Dichlorobenzene
Concen: 35.964 ng
RT: 7.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion:	146	Resp:	288872
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.6
75	30.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 34.522 ng

RT: 7.53 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

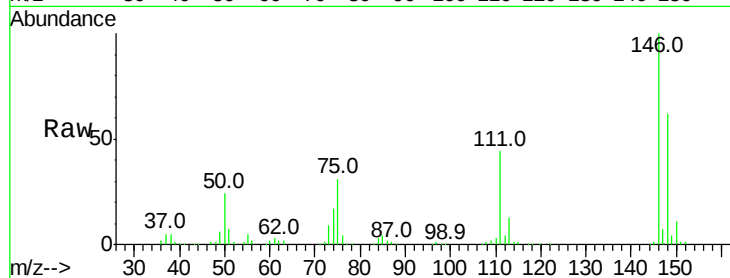
ClientSampled :

VE-4-11MS

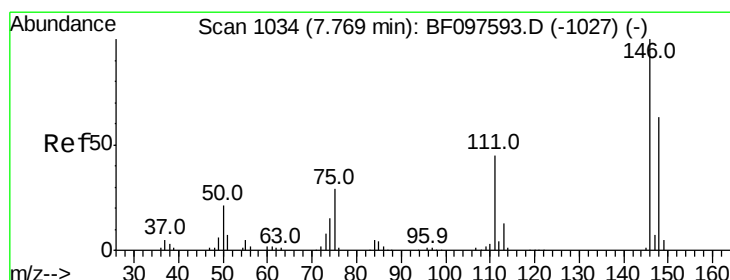
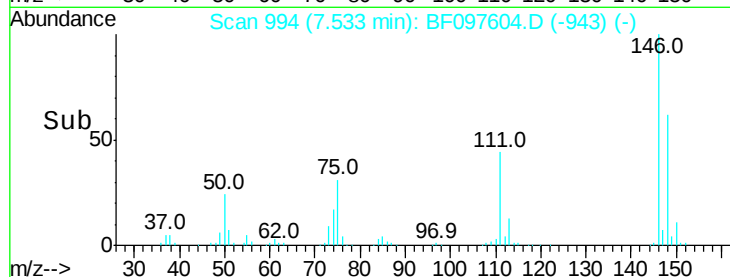
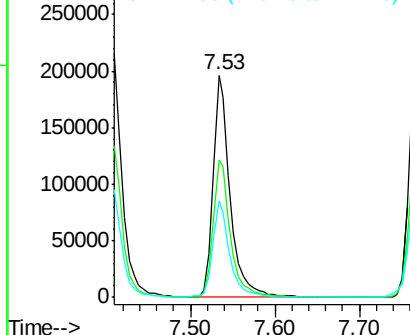
Tot Ion:	146	Resp:	282244
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.2	78.2
111	43.6	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 38.639 ng

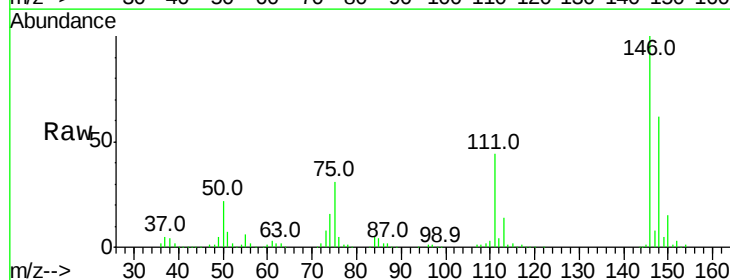
RT: 7.77 min Scan# 1034

Delta R.T. -0.00 min

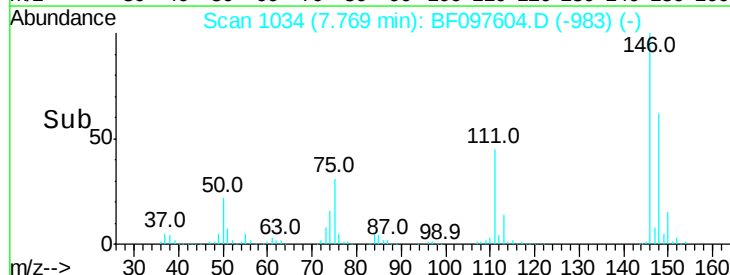
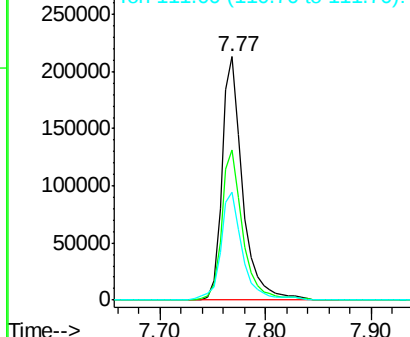
Lab File: BF097604.D

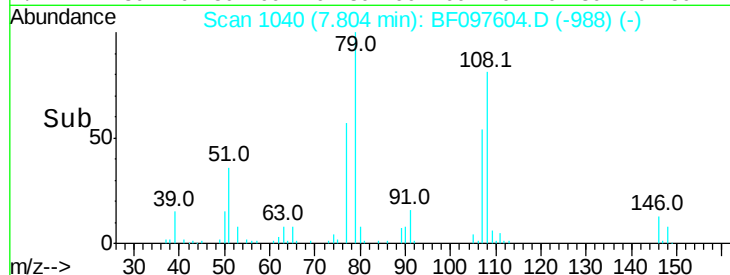
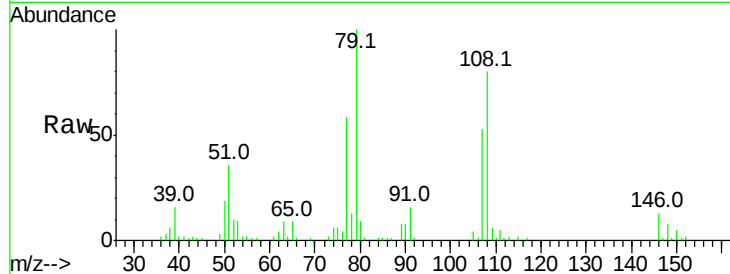
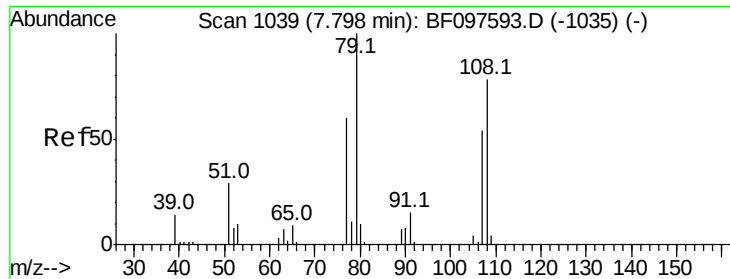
Acq: 11 Aug 2017 20:14

Tgt Ion:	146	Resp:	288293
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.4	75.6
111	44.5	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 26.979 ng

RT: 7.80 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tot Ion:	79	Resp:	144695
Ion Ratio	Lower	Upper	
79	100		
108	79.8	63.4	95.0
77	58.0	49.2	73.8

Instrument :

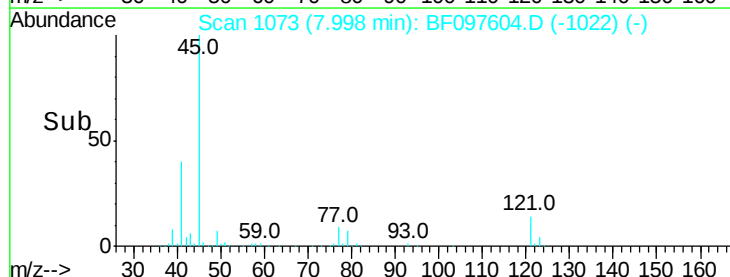
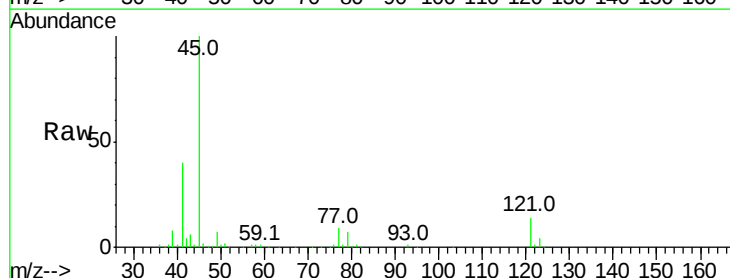
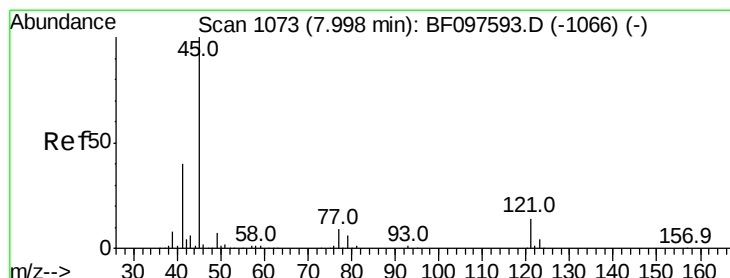
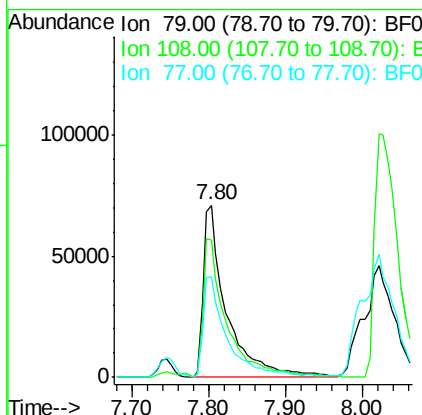
BNA_F

ClientSampled :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.193 ng

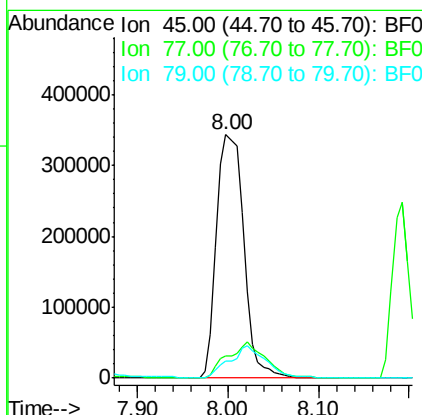
RT: 8.00 min Scan# 1073

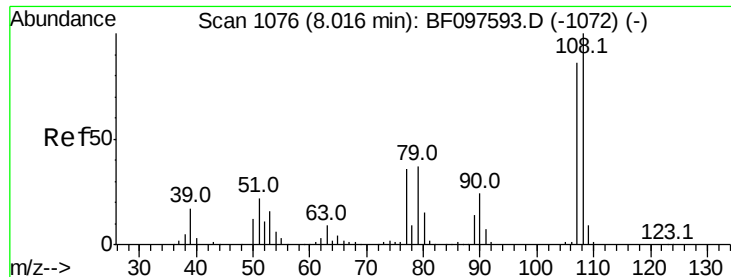
Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:	45	Resp:	722215
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	33.2
79	6.9	0.0	30.0





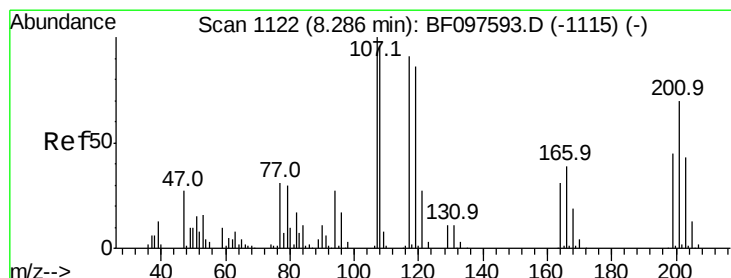
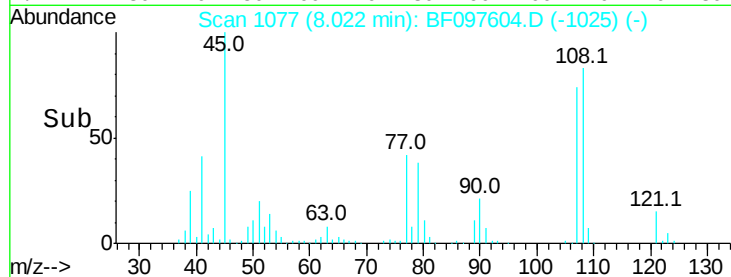
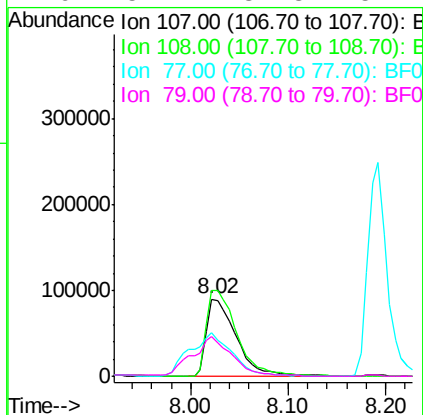
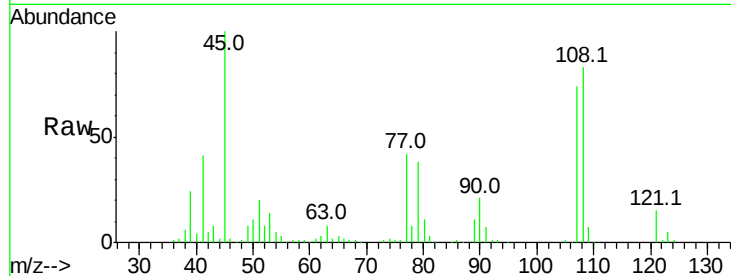
#17
2-Methylphenol
Concen: 34.206 ng
RT: 8.02 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	112.3		93.4	140.0	
77	56.9		35.8	53.6	
79	51.7		34.8	52.2	

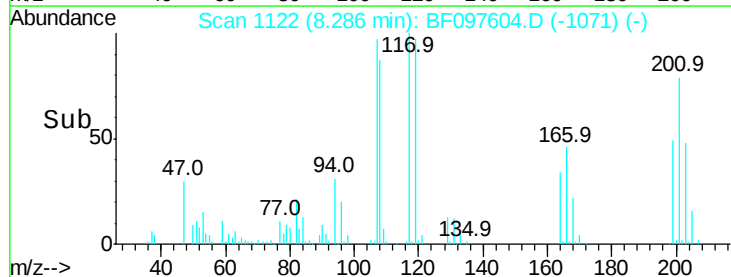
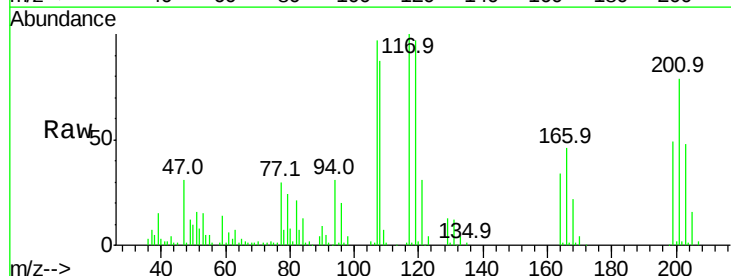
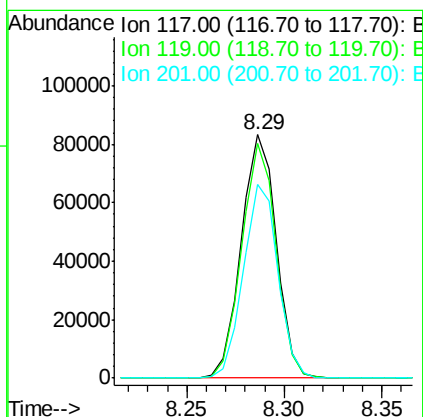
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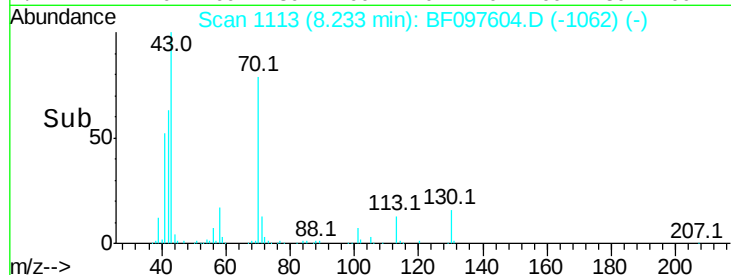
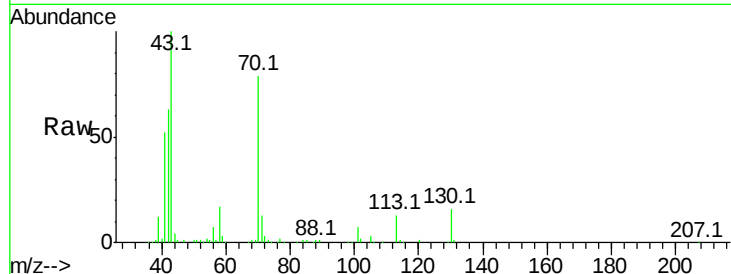
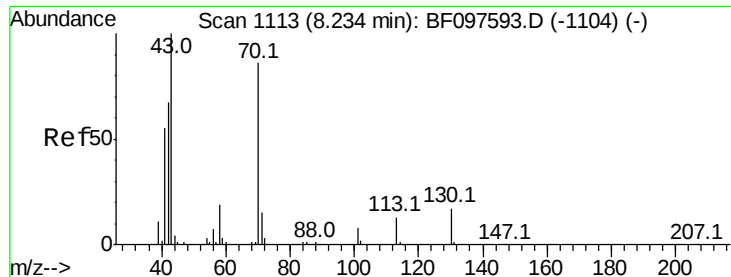
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#18
Hexachloroethane
Concen: 37.030 ng
RT: 8.29 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	96.6		77.4	116.0	
201	79.5		94.6	141.8	





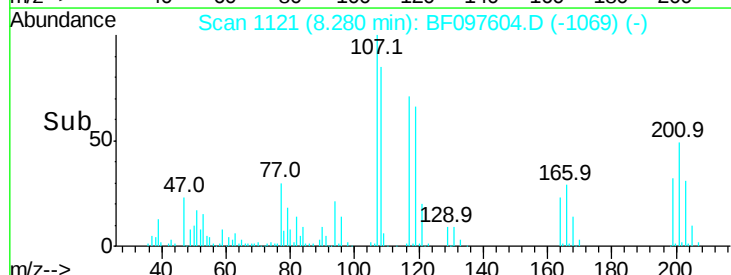
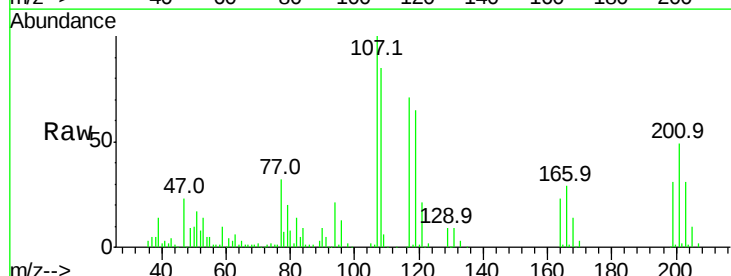
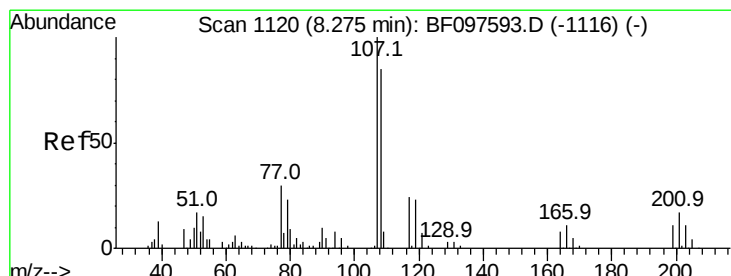
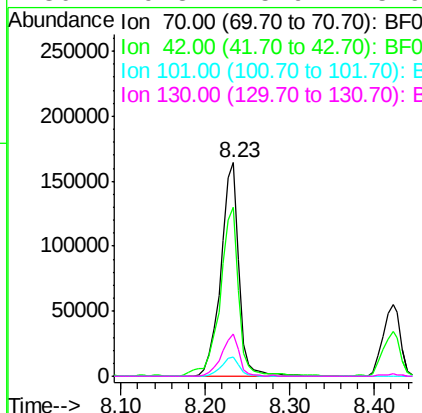
#19
 n-Nitroso-di-n-propylamine
 Concen: 44.869 ng
 RT: 8.23 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		242225		
42	79.3	47.2	70.8#		
101	9.0	7.2	10.8		
130	19.8	15.9	23.9		

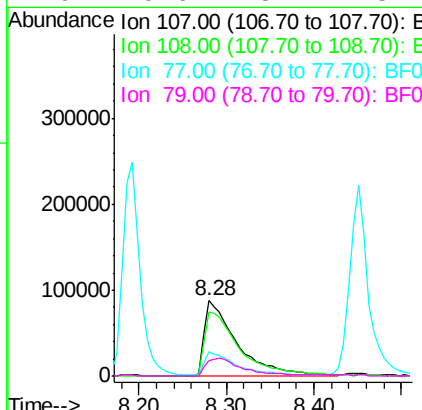
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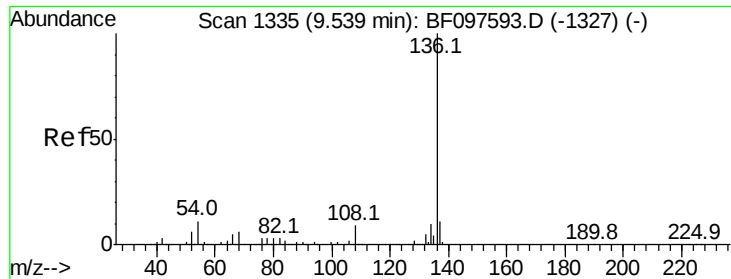
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#20
 3+4-Methylphenols
 Concen: 33.269 ng
 RT: 8.28 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		226486		
108	84.7	71.0	111.0		
77	31.8	90.5	130.5#		
79	19.6	8.4	48.4		





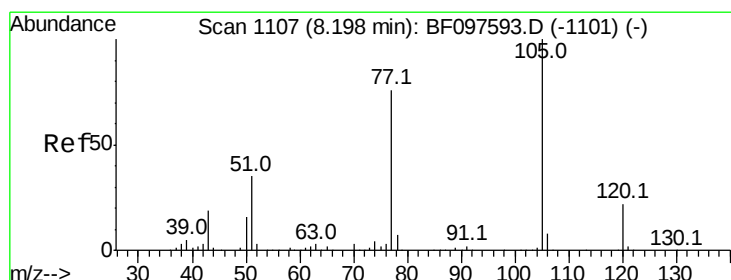
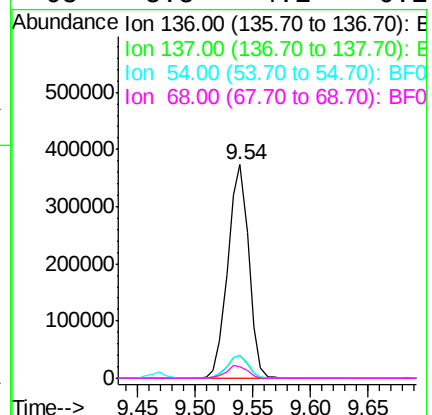
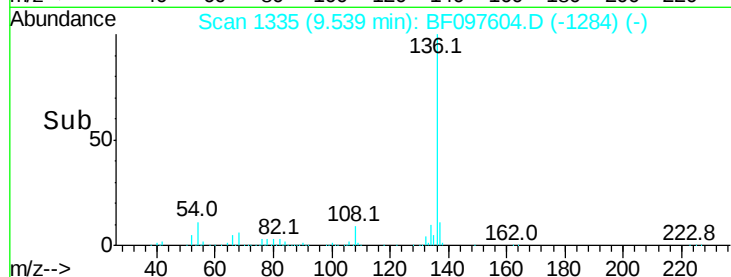
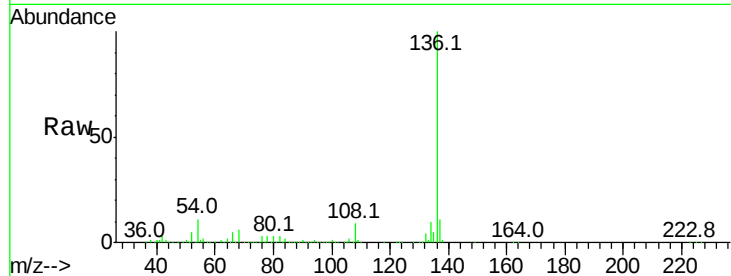
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.8	4.9	7.3	
68	5.5	4.1	6.1	

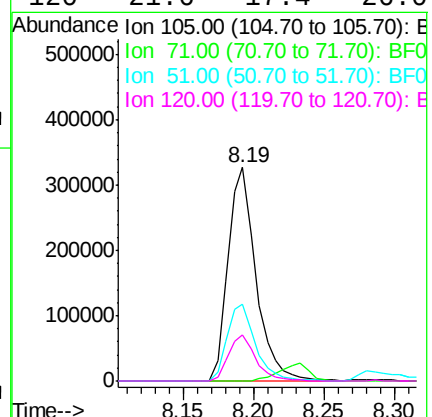
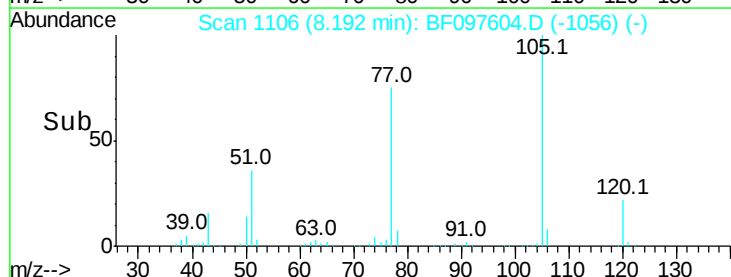
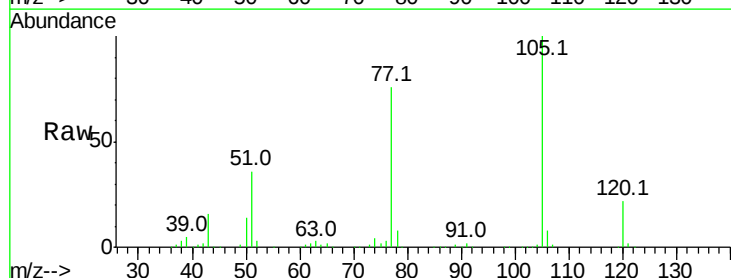
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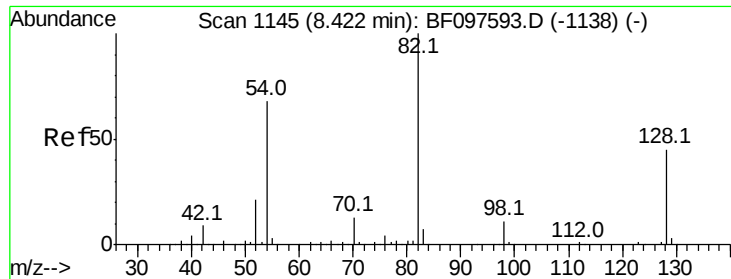
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#22
Acetophenone
Concen: 40.640 ng
RT: 8.19 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.1	2.8	4.2	
51	36.1	30.7	46.1	
120	21.6	17.4	26.0	





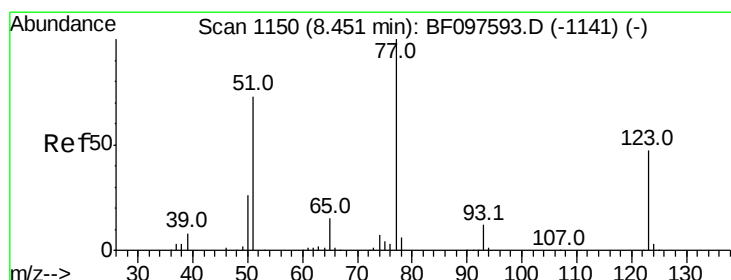
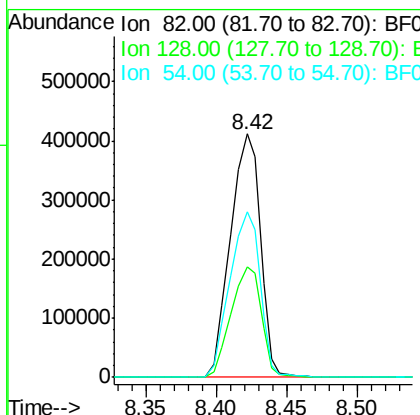
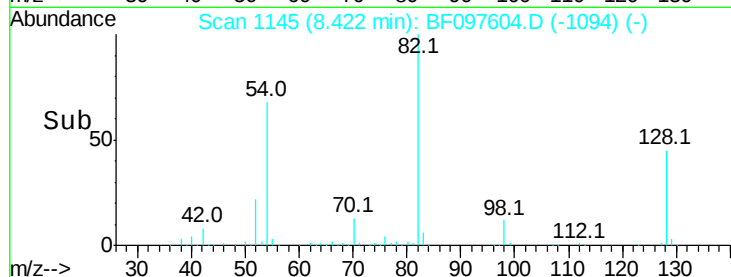
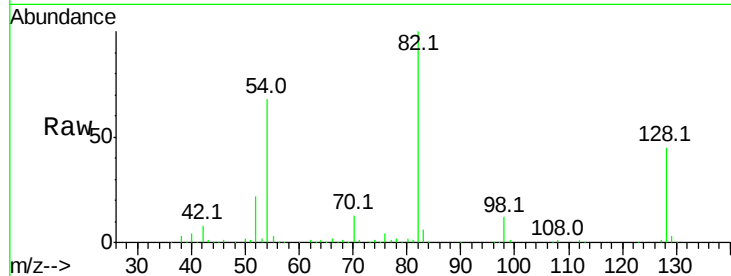
#23
 Nitrobenzene-d5
 Concen: 82.017 ng
 RT: 8.42 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	45.3	34.0	51.0
54	68.2	42.2	63.2

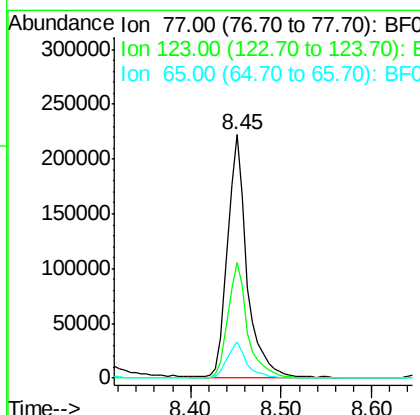
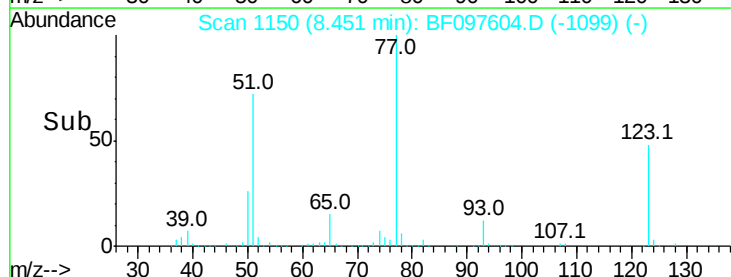
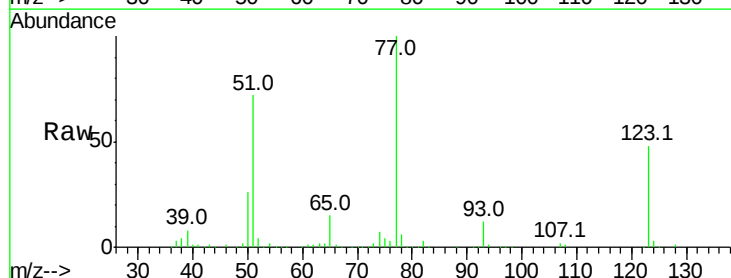
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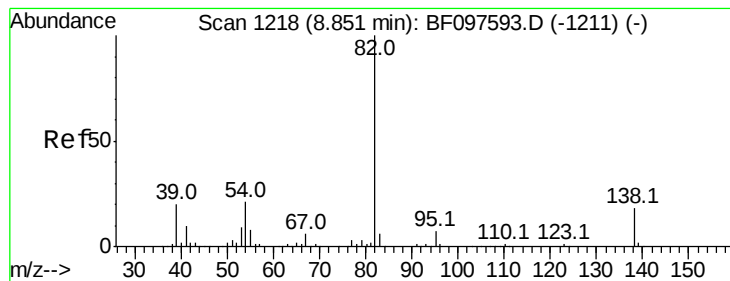
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#24
 Nitrobenzene
 Concen: 40.549 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.7	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 42.831 ng

RT: 8.85 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

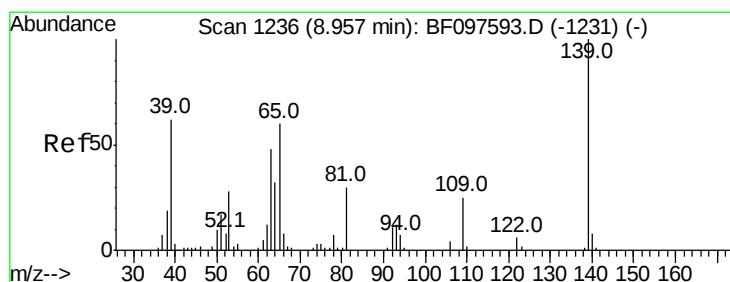
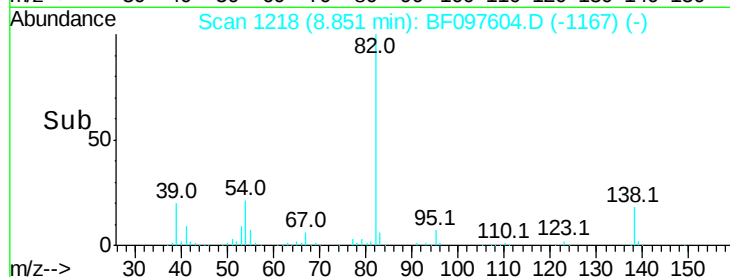
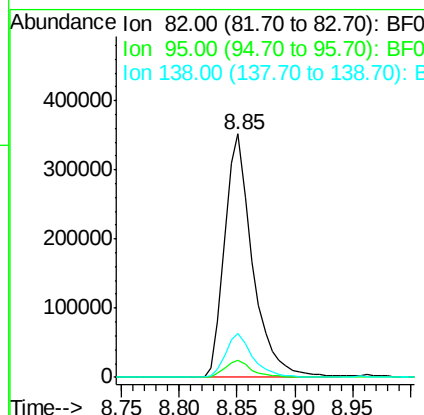
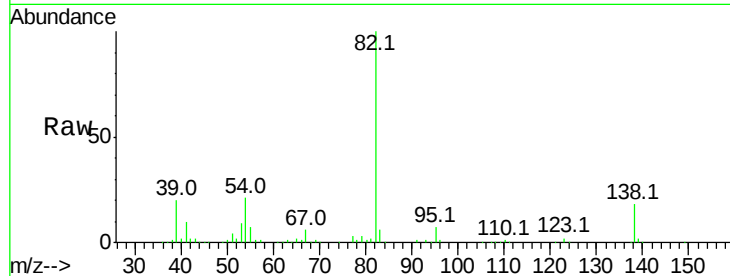
ClientSampleId :

VE-4-11MS

Tot Ion	82	Resp	589482
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.1	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.103 ng

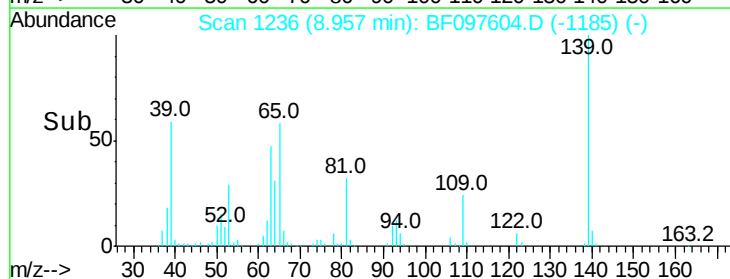
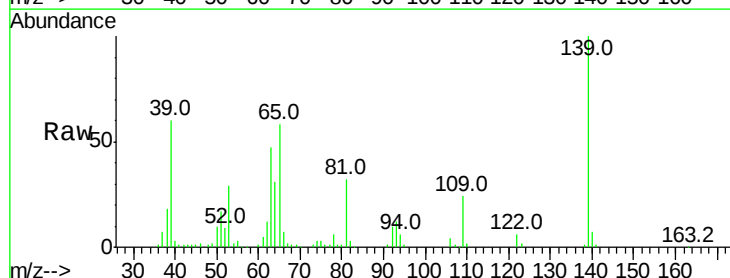
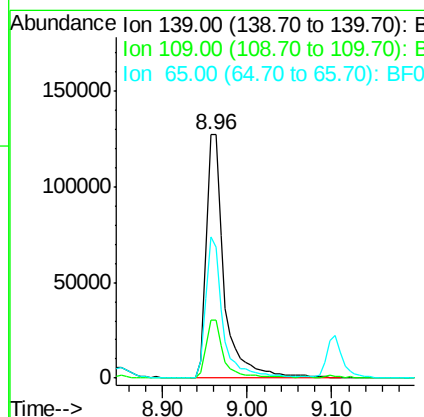
RT: 8.96 min Scan# 1236

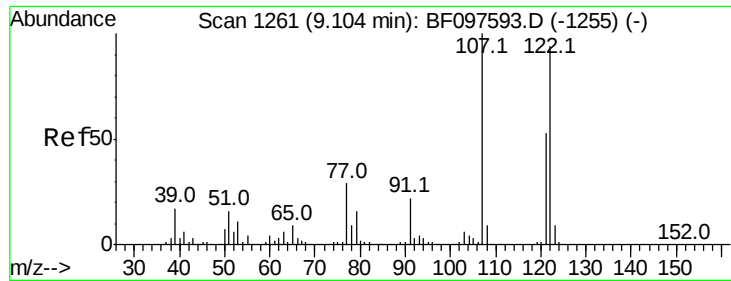
Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion	139	Resp	189864
Ion Ratio	Lower	Upper	
139	100		
109	23.8	21.0	31.6
65	57.8	33.0	49.6#





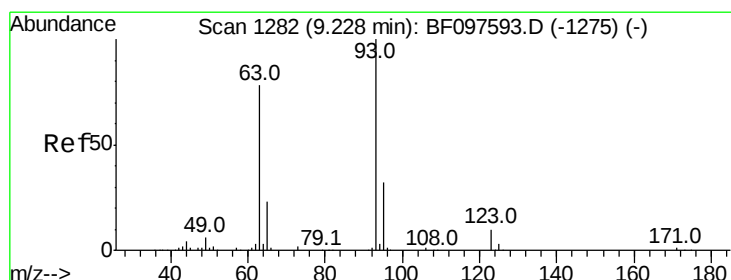
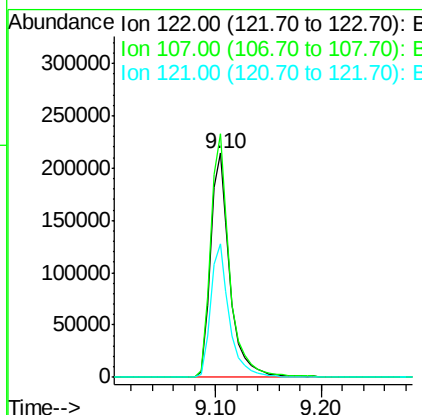
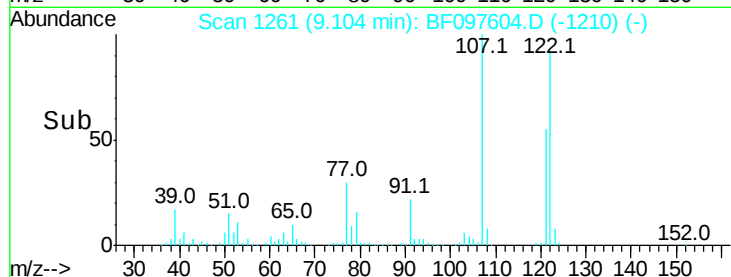
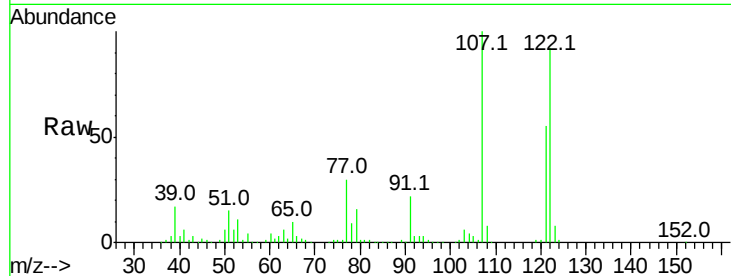
#27
2,4-Dimethylphenol
Concen: 40.074 ng
RT: 9.10 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.2	133.8
121	59.6	45.2	67.8

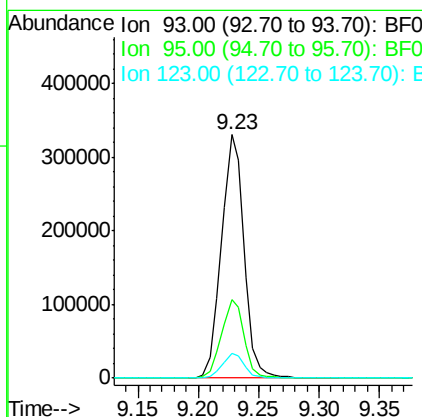
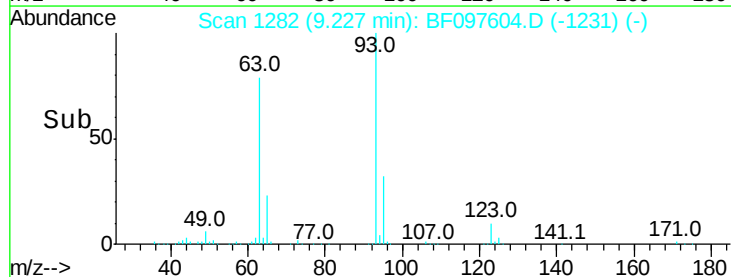
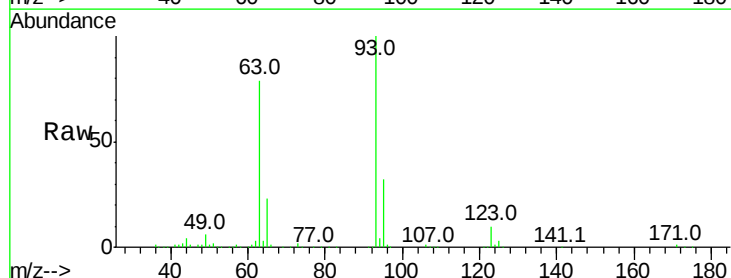
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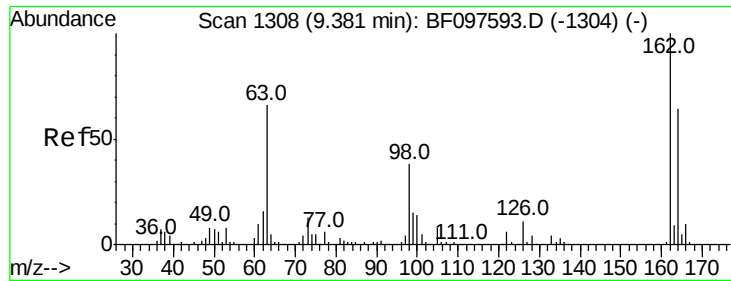
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#28
bis(2-Chloroethoxy)methane
Concen: 42.978 ng
RT: 9.23 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.0	9.0	13.4





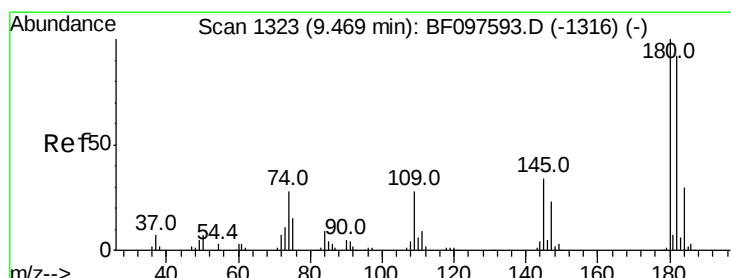
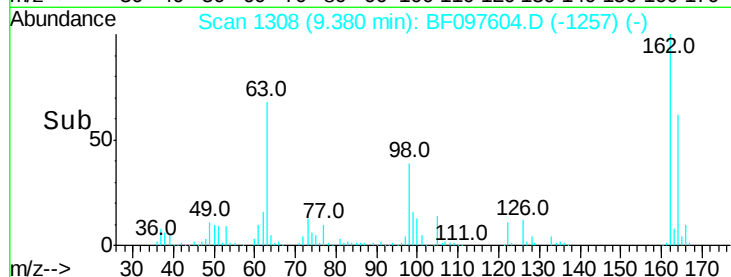
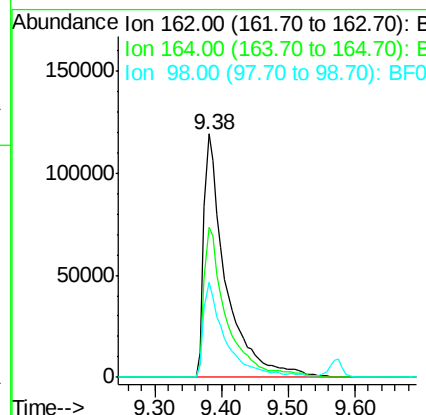
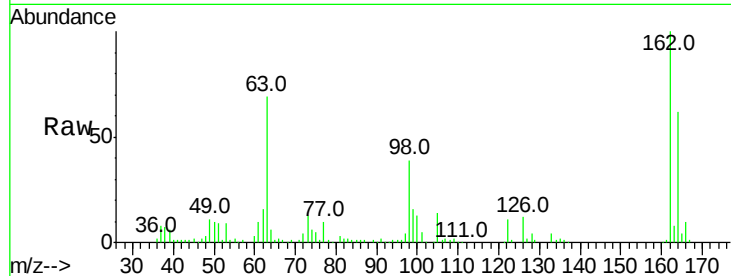
#29
 2,4-Dichlorophenol
 Concen: 44.251 ng
 RT: 9.38 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	267963		
164	61.8	44.6	84.6	
98	39.3	14.8	54.8	

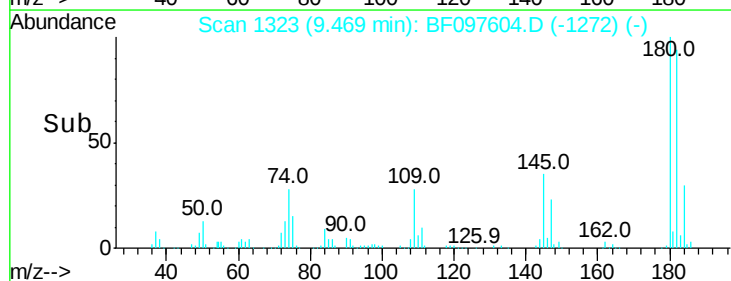
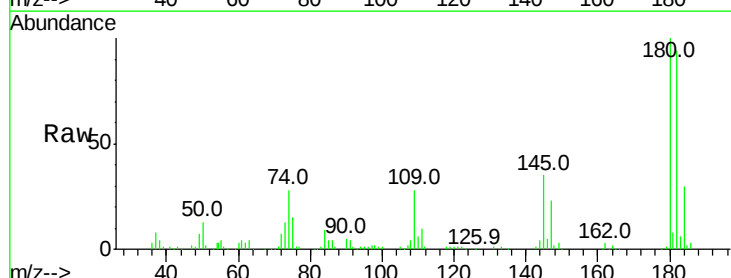
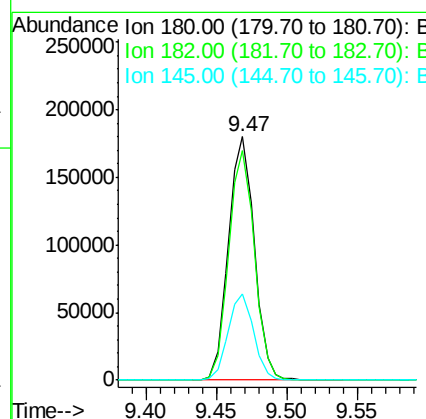
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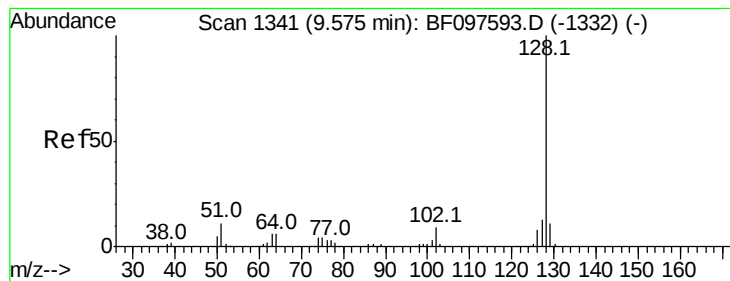
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.090 ng
 RT: 9.47 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228686		
182	94.1	75.8	113.6	
145	35.3	25.3	37.9	





#31

Naphthalene

Concen: 38.732 ng

RT: 9.57 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

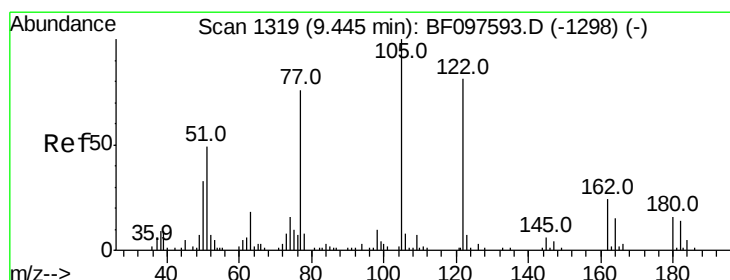
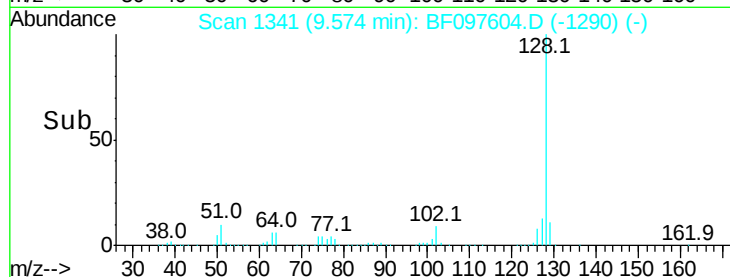
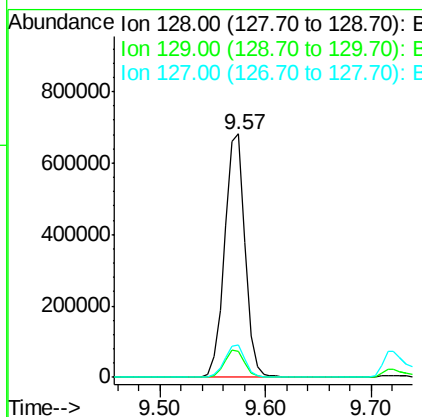
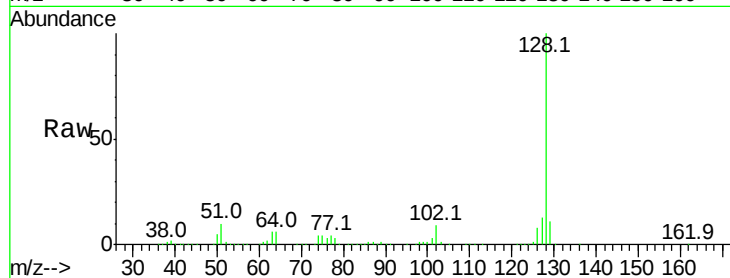
ClientSampleId :

VE-4-11MS

Tot Ion:	128	Resp:	908886
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.2	10.8	16.2

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#32

Benzoic acid

Concen: 14.923 ng

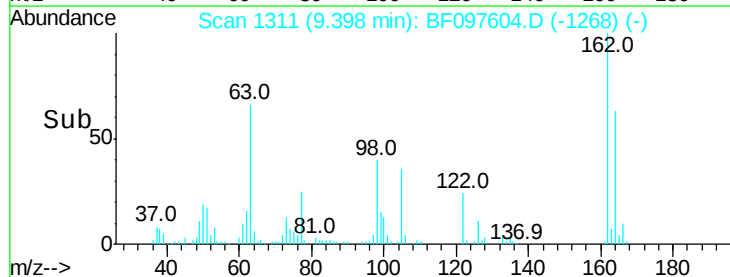
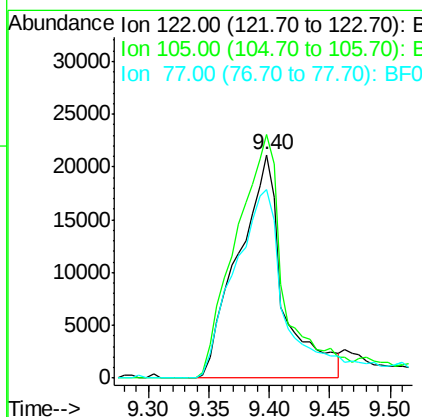
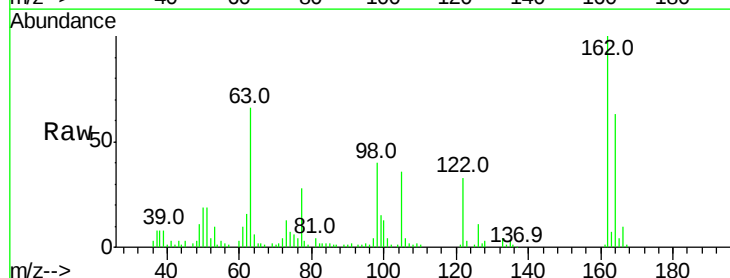
RT: 9.40 min Scan# 1311

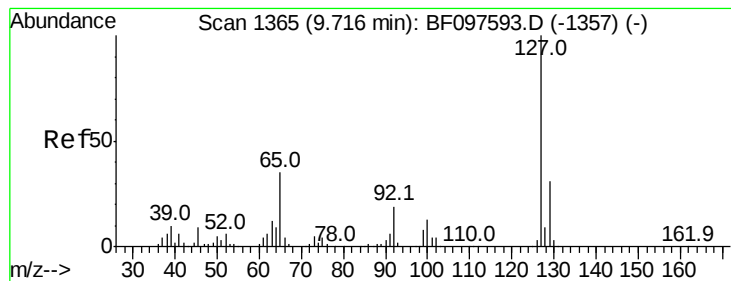
Delta R.T. -0.05 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:	122	Resp:	55225
Ion Ratio	Lower	Upper	
122	100		
105	109.0	103.3	143.3
77	84.1	73.7	113.7





#33

4-Chloroaniline

Concen: 16.345 ng

RT: 9.72 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

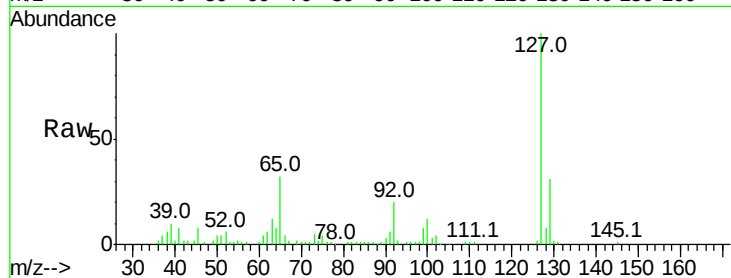
ClientSampled :

VE-4-11MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	31.9	27.8	41.8
92	19.9	16.8	25.2

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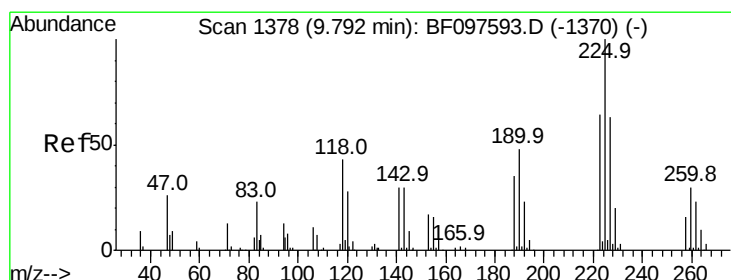
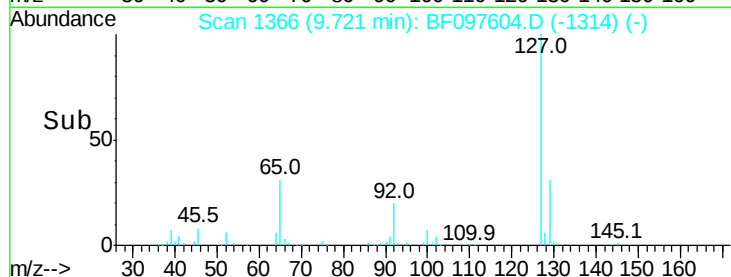
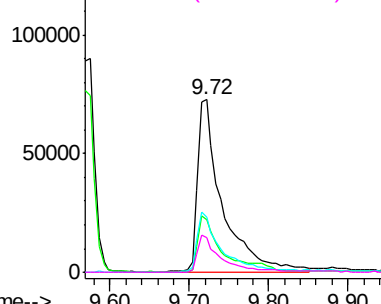


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.491 ng

RT: 9.79 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF097604.D

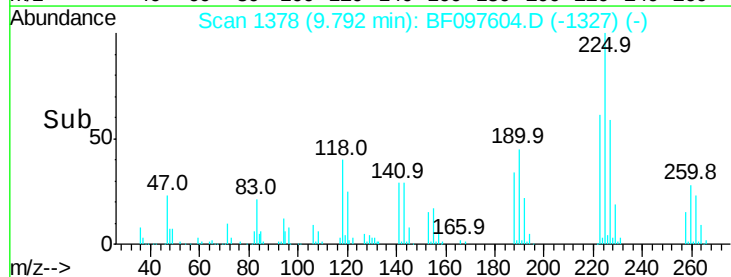
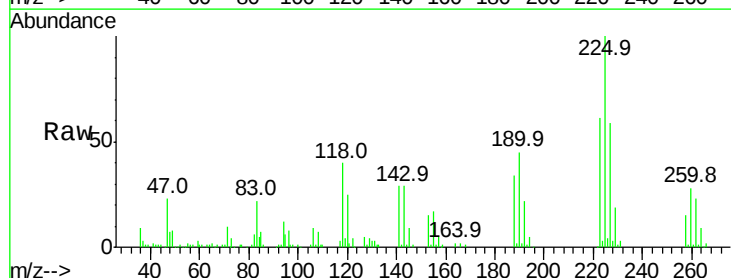
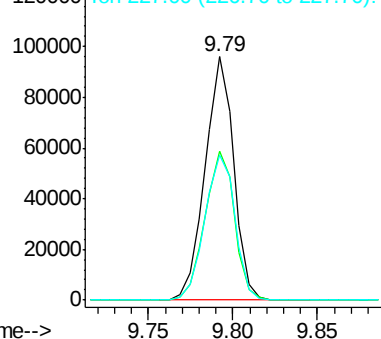
Acq: 11 Aug 2017 20:14

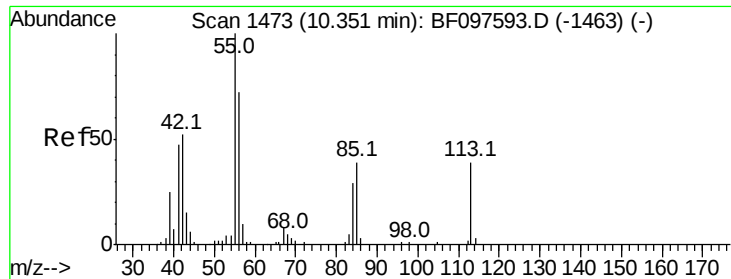
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	59.5	51.1	76.7

Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.256 ng/mL

RT: 10.40 min Scan# 1481

Delta R.T. 0.05 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion:113 Resp: 14157

Ion Ratio Lower Upper

113 100

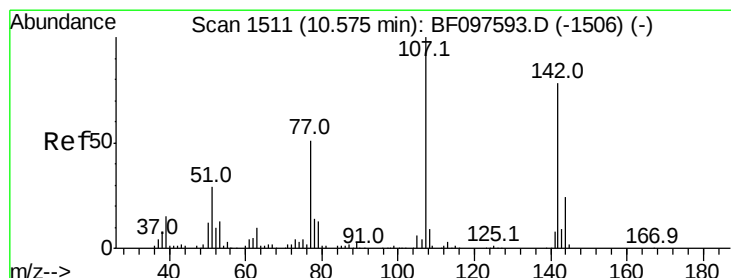
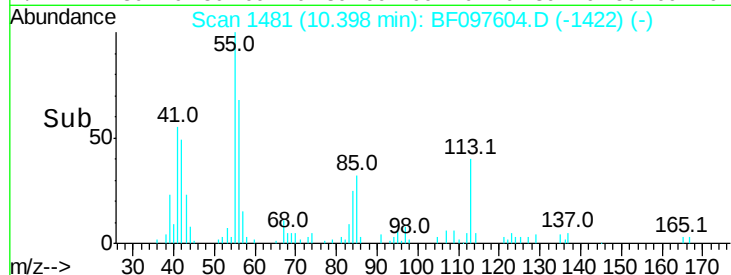
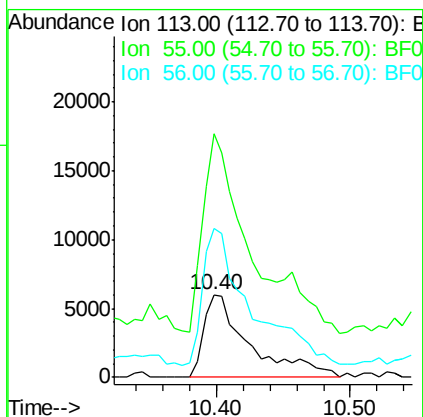
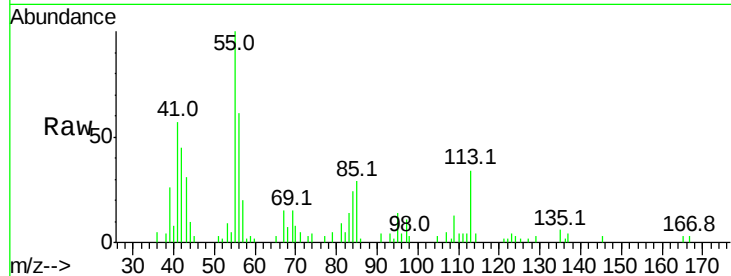
55 295.6 150.2 190.2#

56 180.8 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.477 ng/mL

RT: 10.57 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

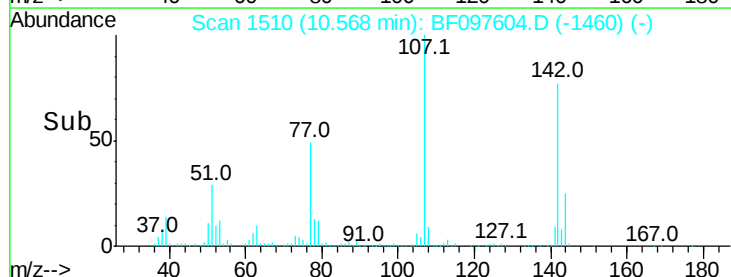
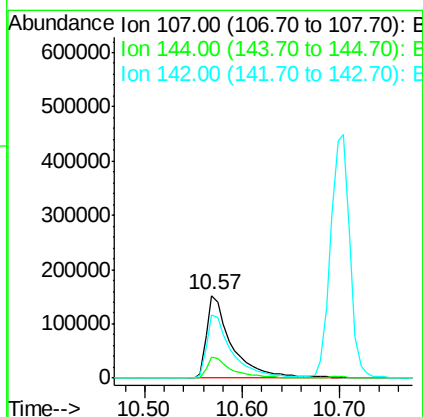
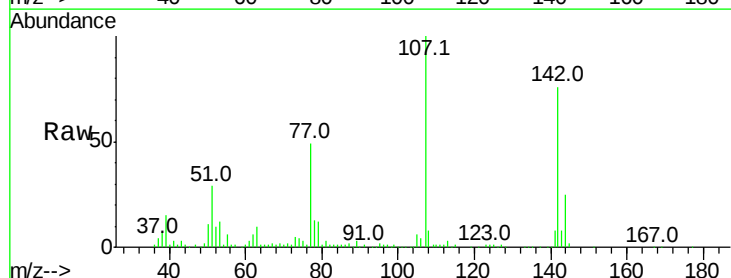
Tgt Ion:107 Resp: 268594

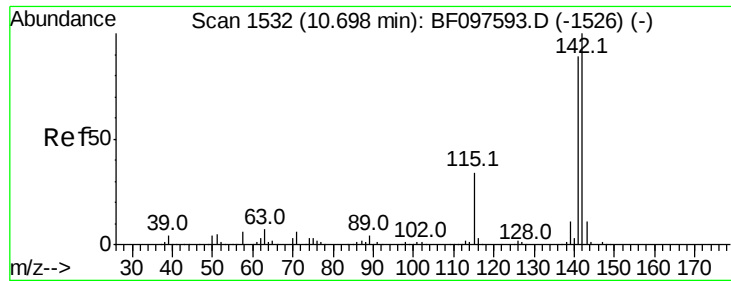
Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

142 76.4 73.4 110.0





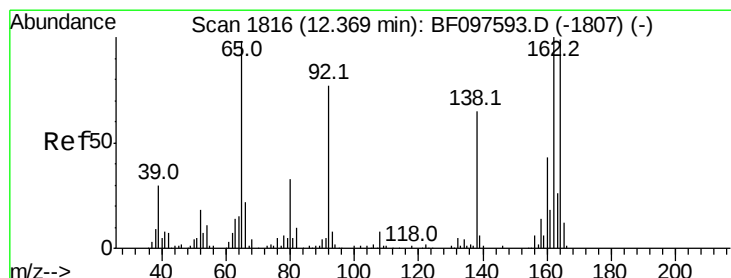
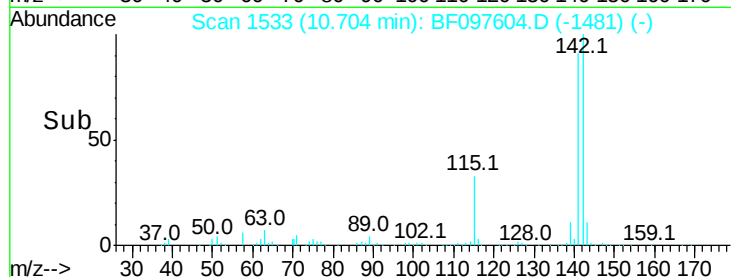
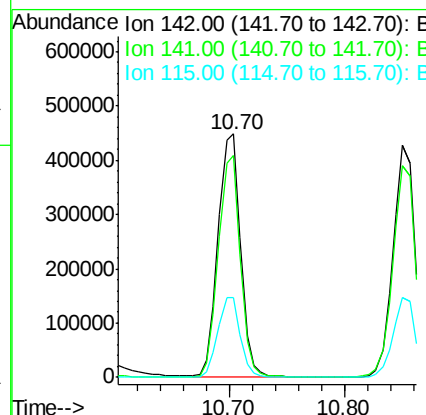
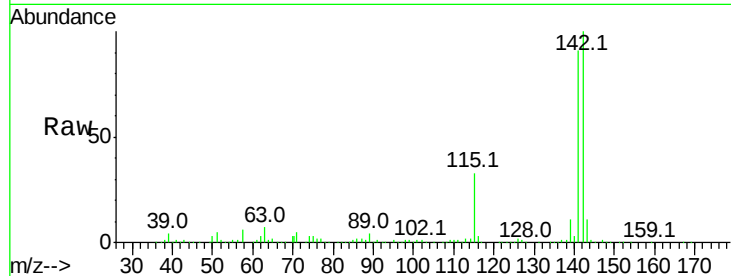
#37
2-Methylnaphthalene
Concen: 41.362 ng
RT: 10.70 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	32.8	27.1	40.7

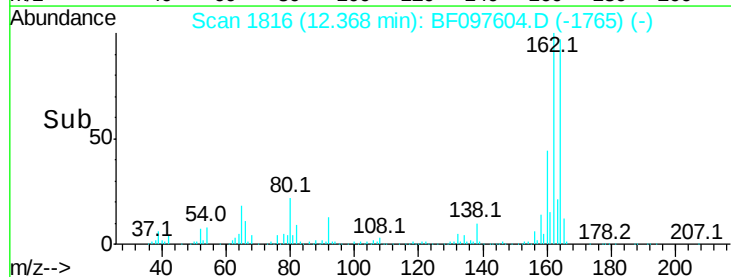
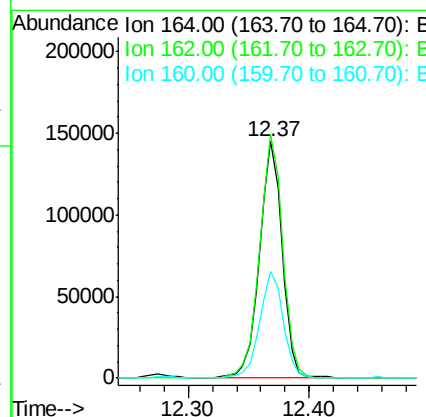
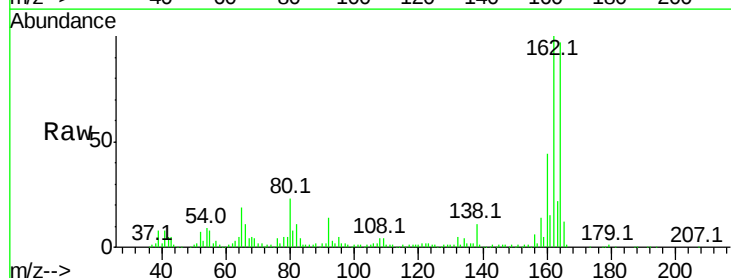
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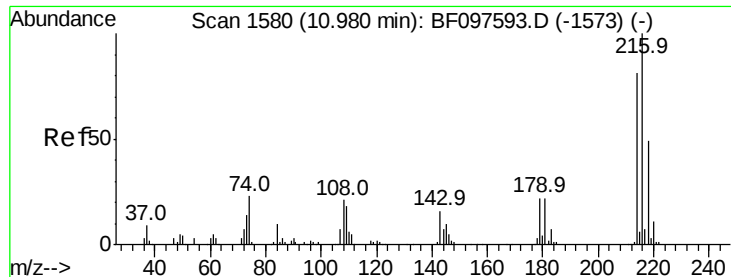
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.8	36.2	54.2





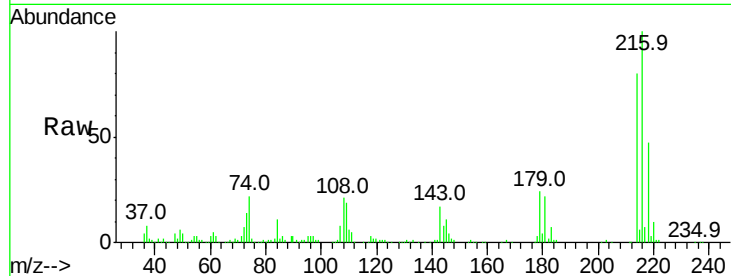
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.096 ng
 RT: 10.98 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

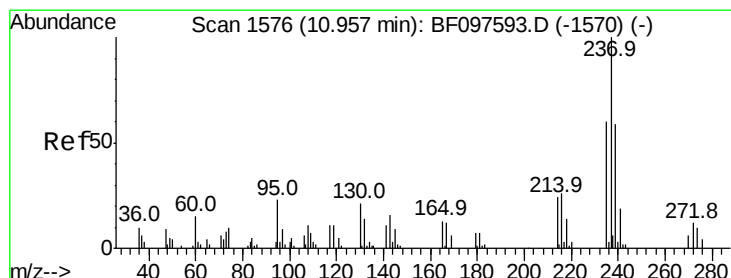
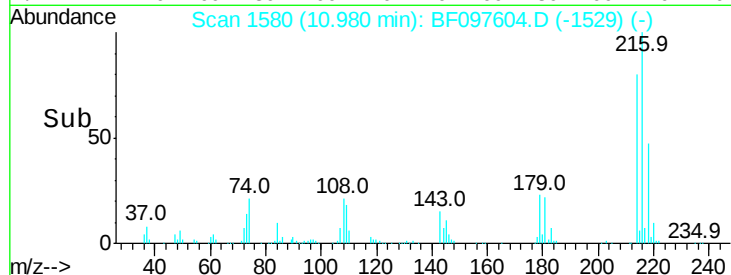
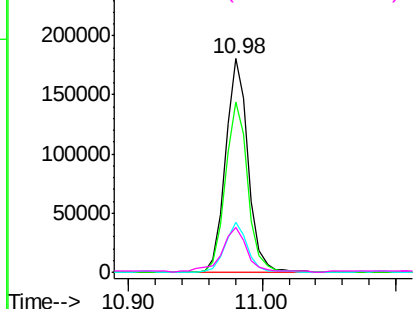
Tot Ion	Ratio	Resp	Lower	Upper
216	100	214266		
214	79.2	63.4	95.2	
179	23.5	17.9	26.9	
108	22.1	16.5	24.7	

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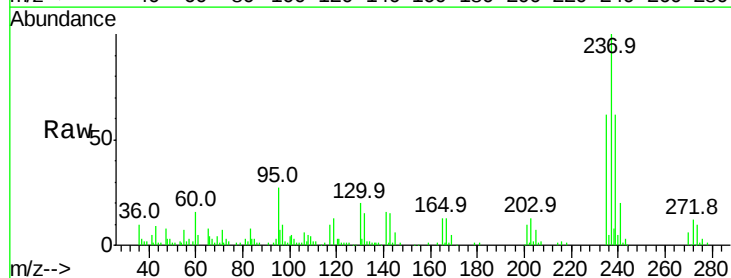


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

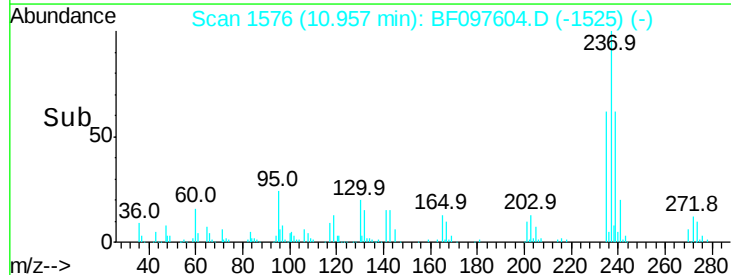
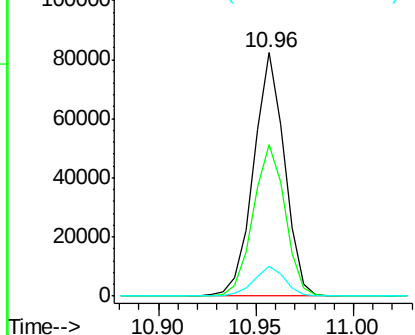


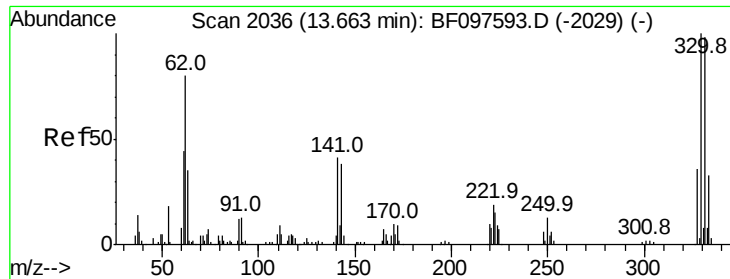
#40
 Hexachlorocyclopentadiene
 Concen: 82.762 ng
 RT: 10.96 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	89945		
235	62.1	42.6	82.6	
272	12.1	0.0	31.9	



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





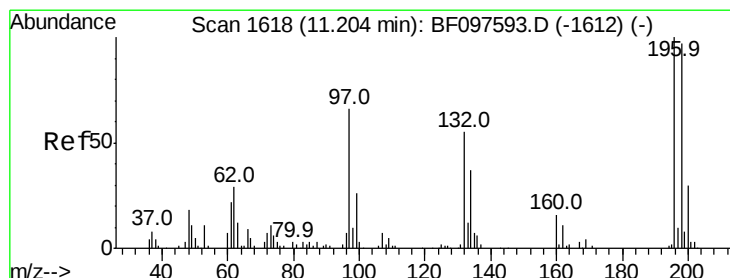
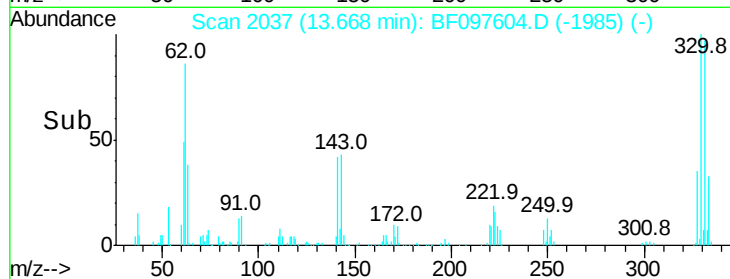
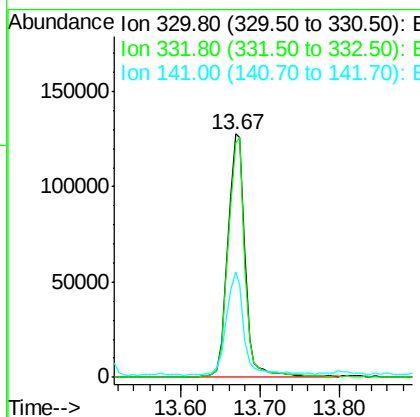
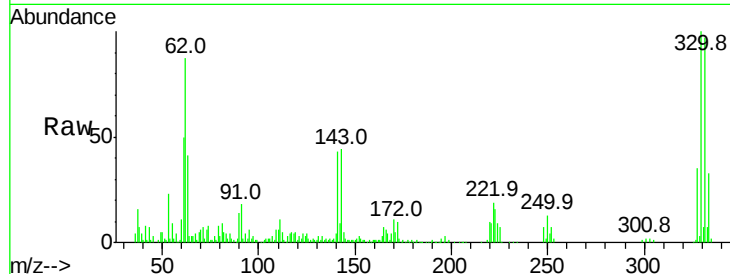
#41
 2,4,6-Tribromophenol
 Concen: 135.105 ng
 RT: 13.67 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.6	115.0	
141	42.7	31.4	47.2	

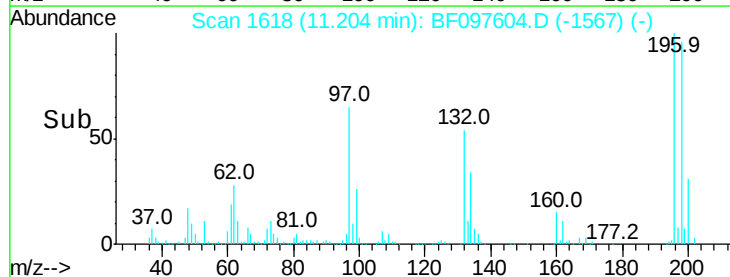
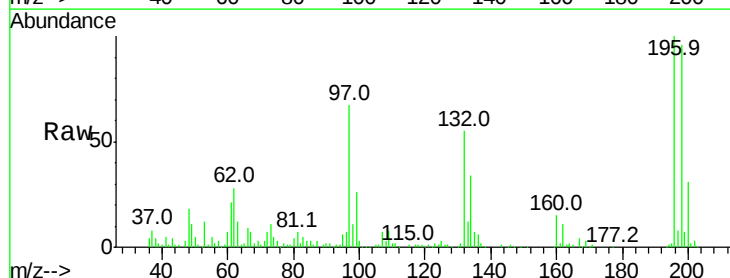
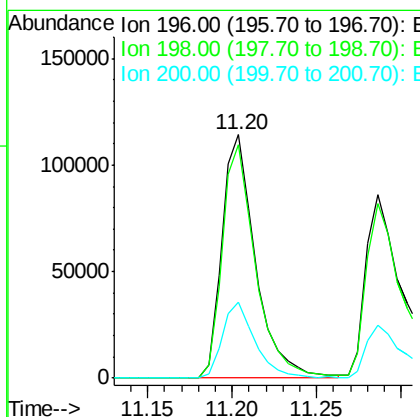
Manual Integrations
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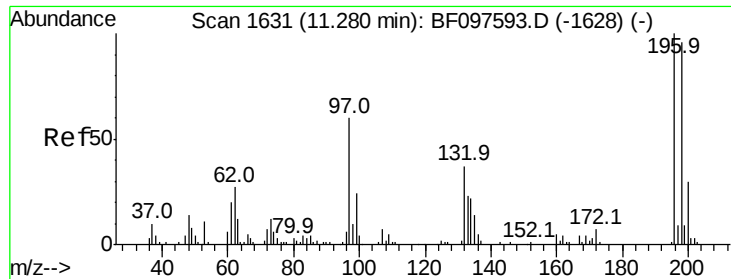
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#42
 2,4,6-Trichlorophenol
 Concen: 44.828 ng
 RT: 11.20 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.1	74.2	111.4	
200	31.4	24.0	36.0	





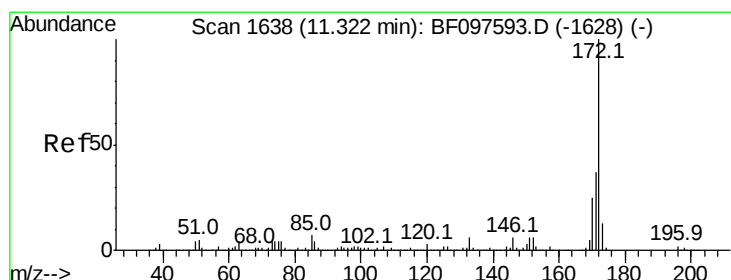
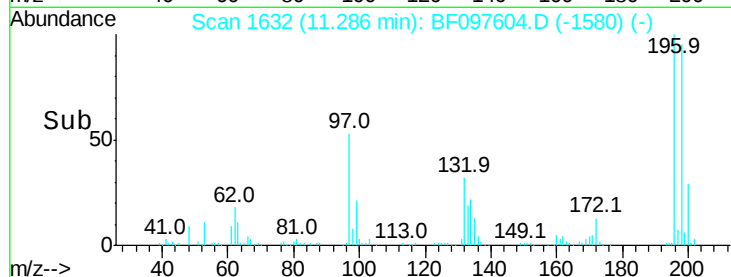
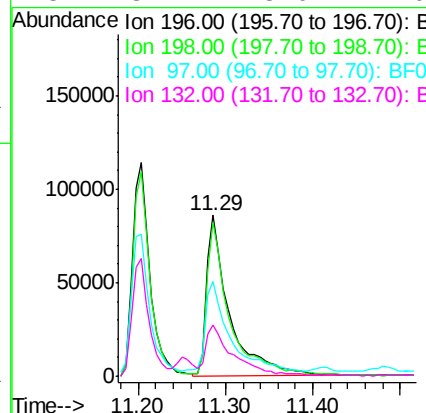
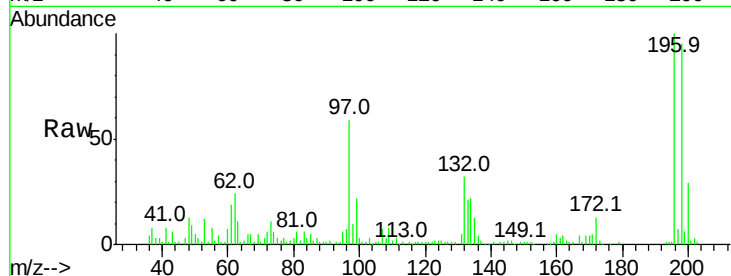
#43
 2,4,5-Trichlorophenol
 Concen: 46.591 ng
 RT: 11.29 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154934		
198	95.2	75.7	113.5	
97	58.8	47.7	71.5	
132	32.1	28.0	42.0	

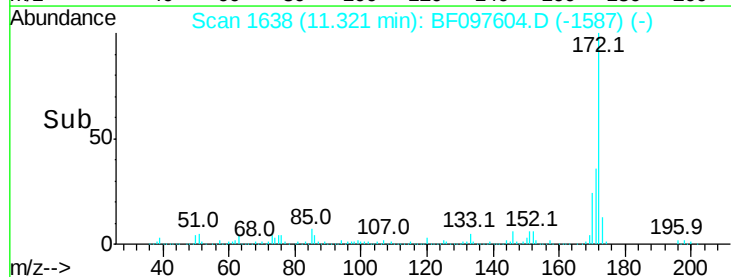
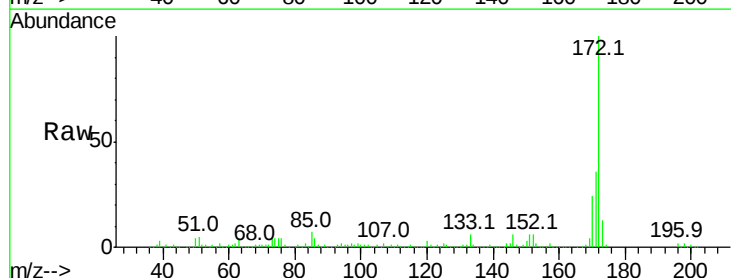
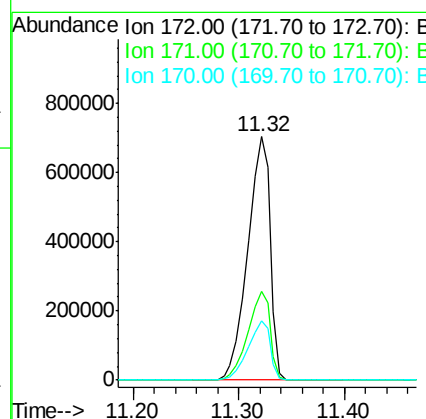
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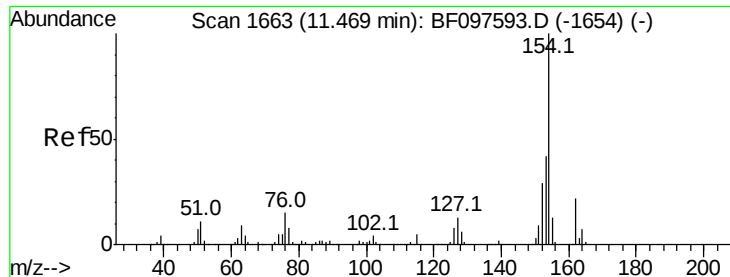
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#44
 2-Fluorobiphenyl
 Concen: 82.984 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1037675		
171	36.3	29.6	44.4	
170	24.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.721 ng

RT: 11.47 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

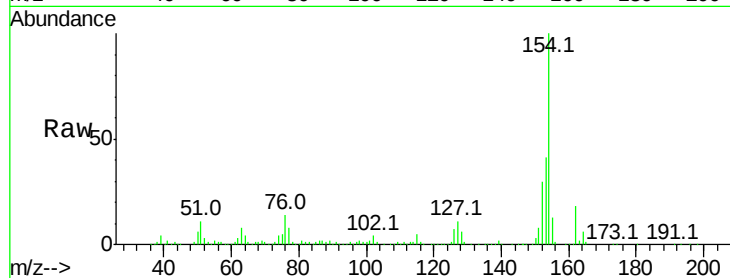
ClientSampled :

VE-4-11MS

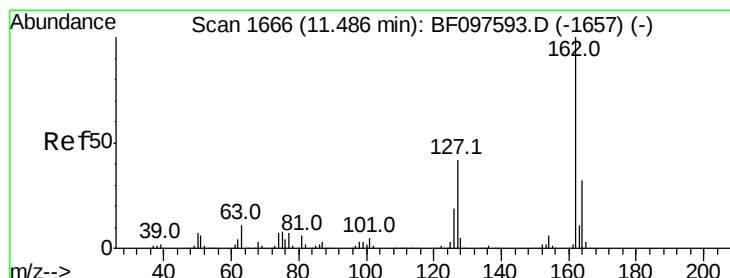
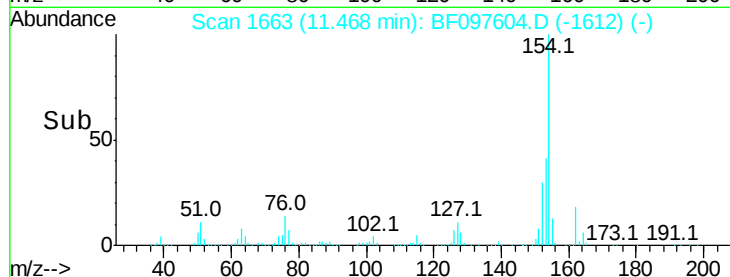
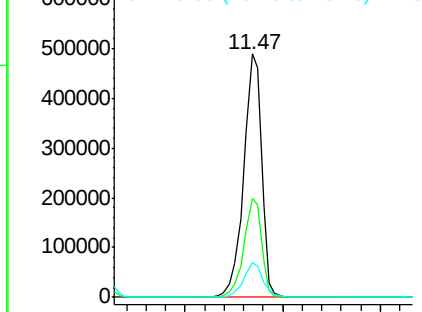
Tot Ion:	154	Resp:	626929
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	14.2	0.0	29.9

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 38.808 ng

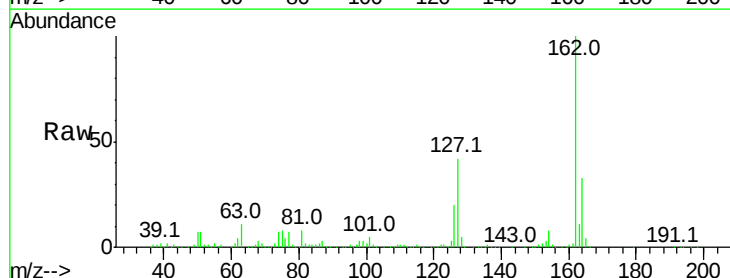
RT: 11.49 min Scan# 1666

Delta R.T. -0.00 min

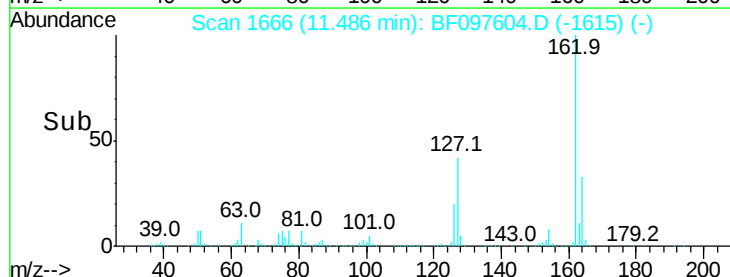
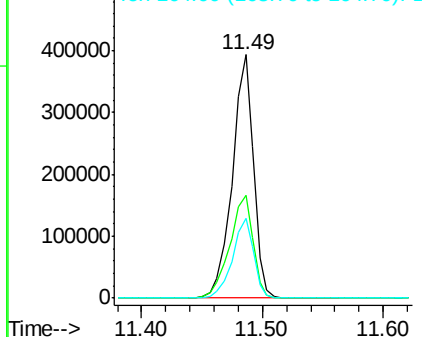
Lab File: BF097604.D

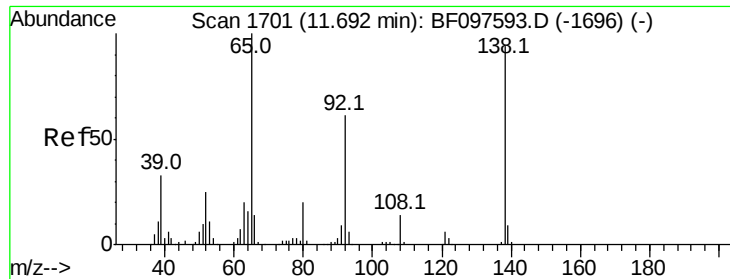
Acq: 11 Aug 2017 20:14

Tgt Ion:	162	Resp:	482446
Ion Ratio	Lower	Upper	
162	100		
127	42.2	28.3	42.5
164	32.9	27.0	40.4



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





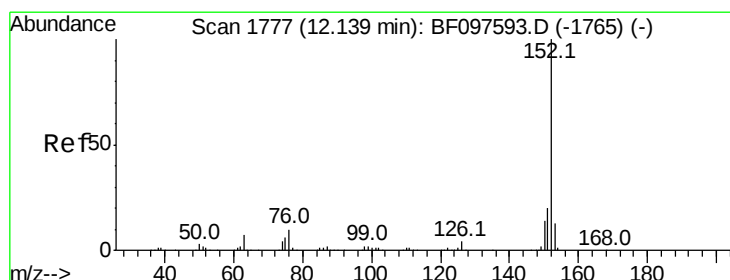
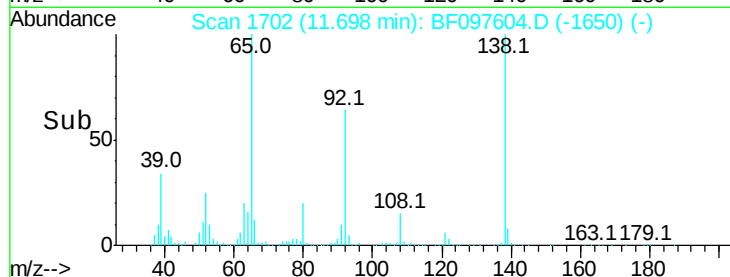
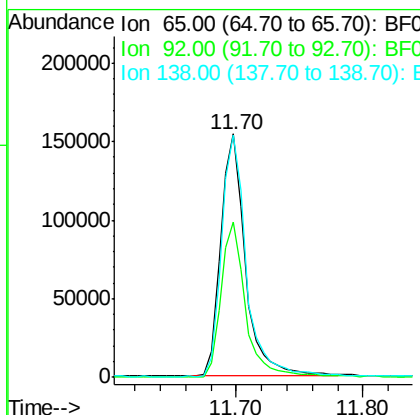
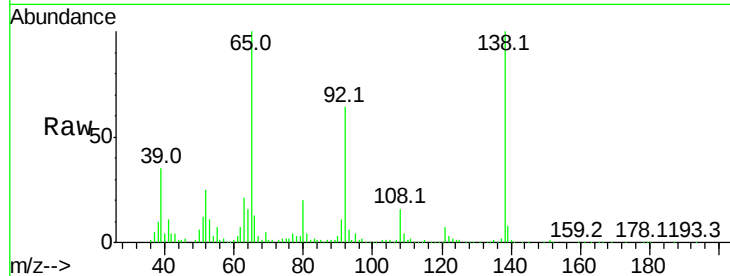
#47
2-Nitroaniline
Concen: 42.876 ng
RT: 11.70 min Scan# 1702
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.9	80.9
138	99.5	78.8	118.2

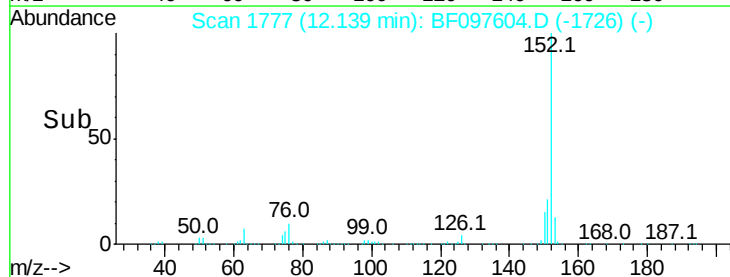
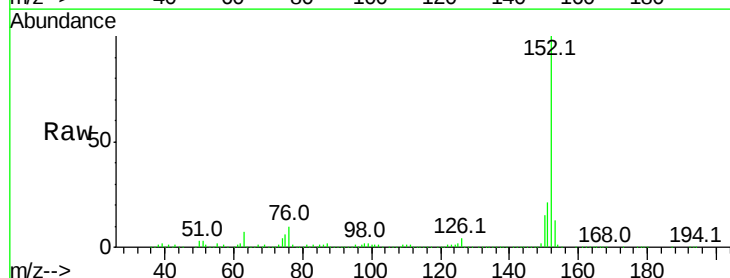
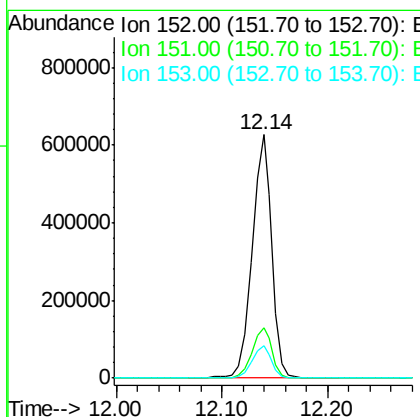
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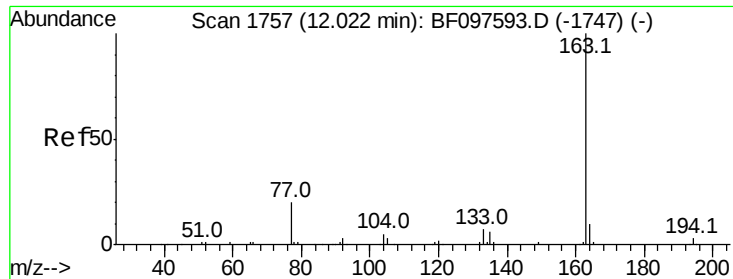
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#48
Acenaphthylene
Concen: 41.123 ng
RT: 12.14 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.2	10.8	16.2





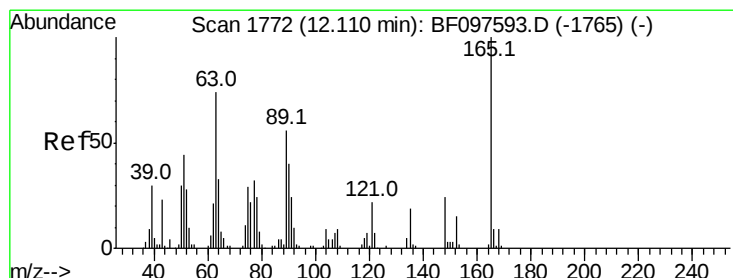
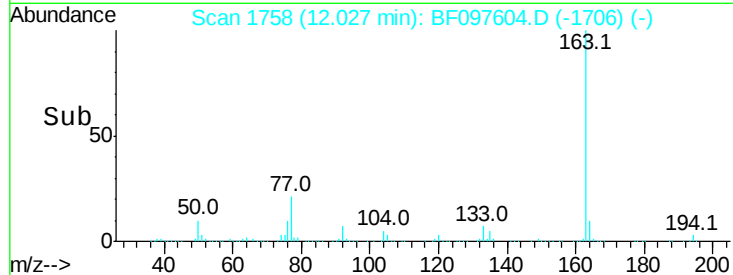
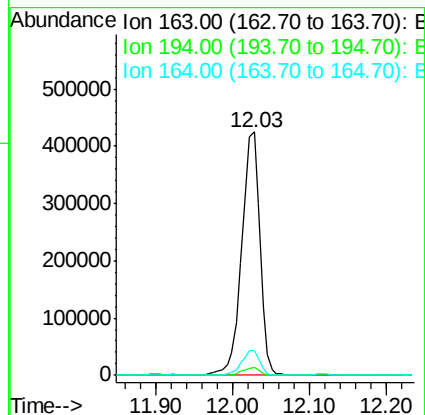
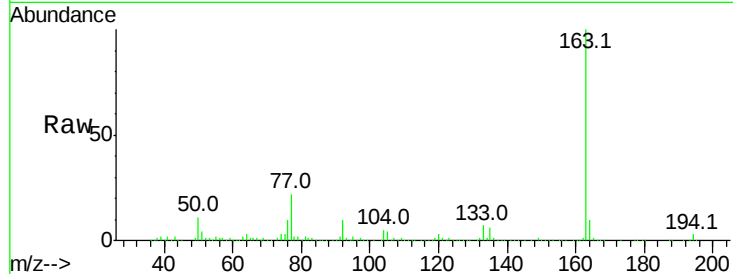
#49
Dimethylphthalate
Concen: 48.569 ng
RT: 12.03 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.3	8.4	12.6	

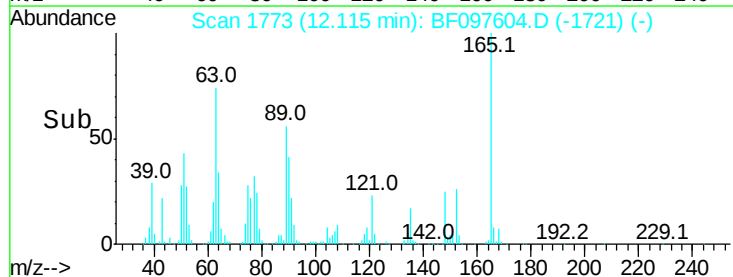
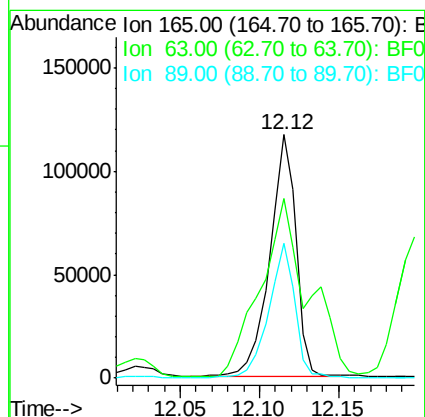
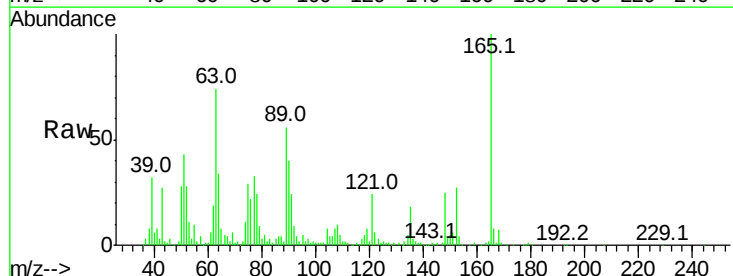
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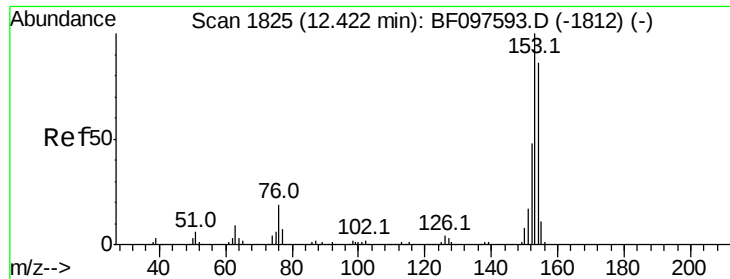
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#50
2,6-Dinitrotoluene
Concen: 45.115 ng
RT: 12.12 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.8	34.3	51.5#	
89	55.6	37.1	55.7	





#51

Acenaphthene

Concen: 38.584 ng

RT: 12.42 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

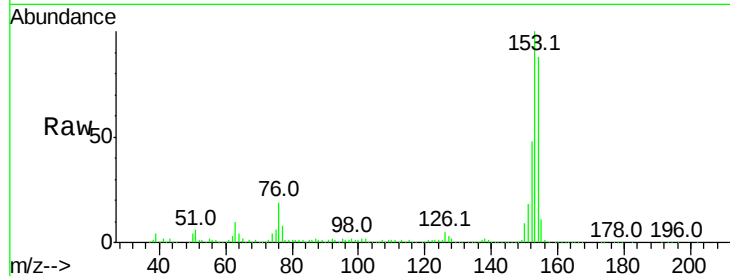
ClientSampled :

VE-4-11MS

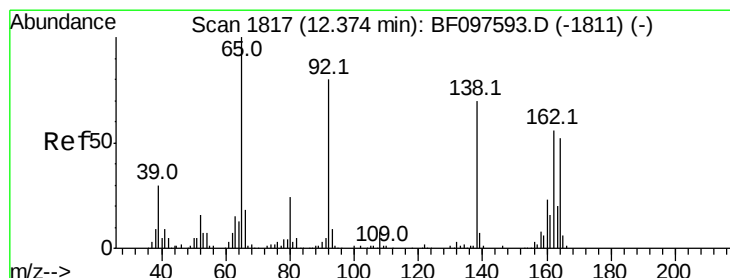
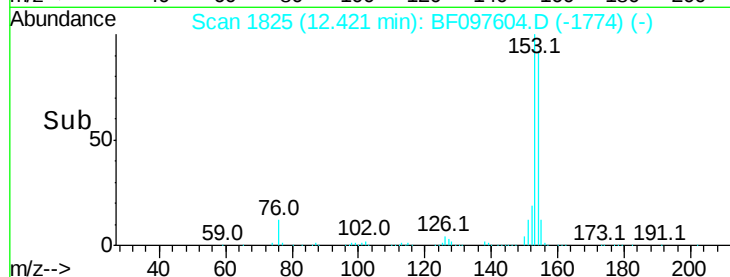
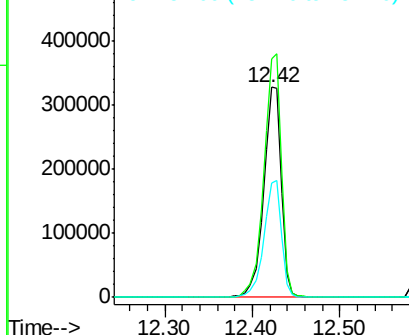
Tot Ion:154	Resp:	456981
Ion Ratio	Lower	Upper
154	100	
153	113.5	90.5 135.7
152	54.6	43.6 65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.245 ng

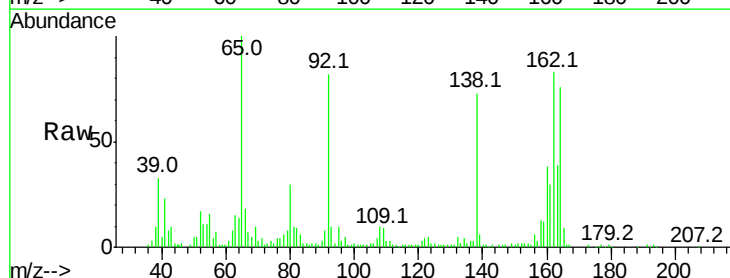
RT: 12.38 min Scan# 1818

Delta R.T. 0.01 min

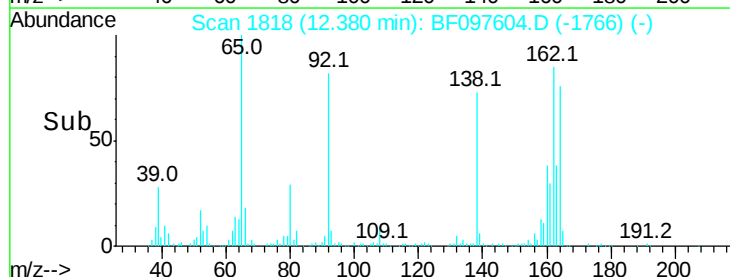
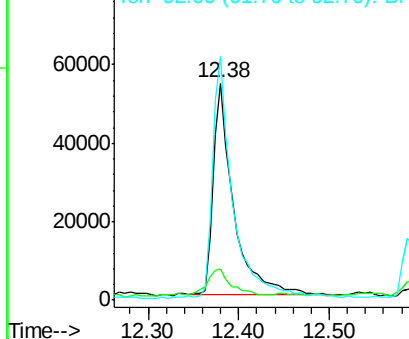
Lab File: BF097604.D

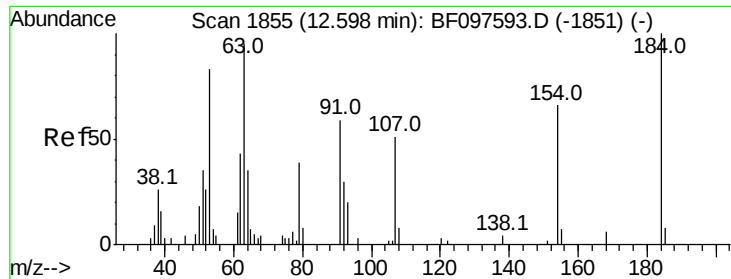
Acq: 11 Aug 2017 20:14

Tgt Ion:138	Resp:	83544
Ion Ratio	Lower	Upper
138	100	
108	14.4	9.1 13.7#
92	112.0	93.8 140.6



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





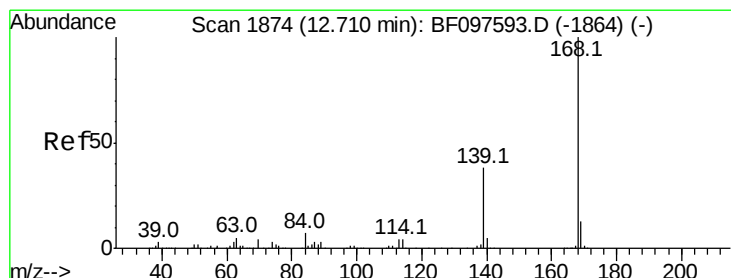
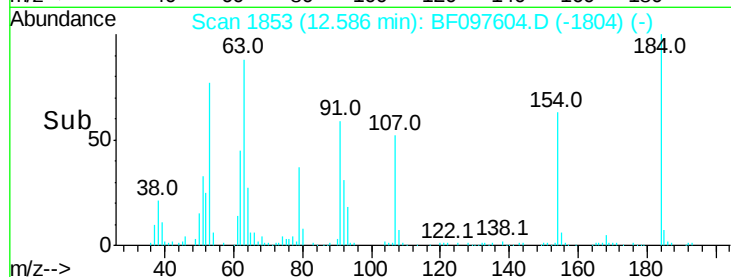
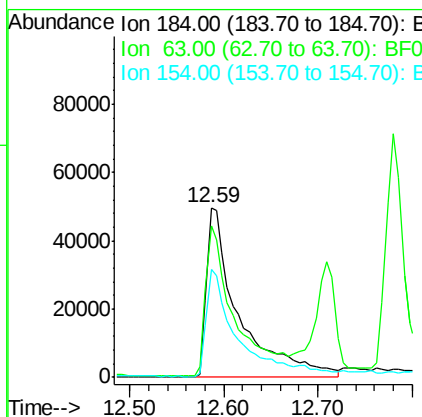
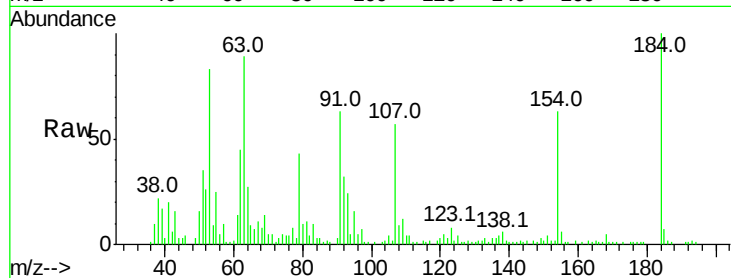
#53
2,4-Dinitrophenol
Concen: 96.169 ng
RT: 12.59 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.1	62.7	94.1	
154	63.2	81.1	121.7	

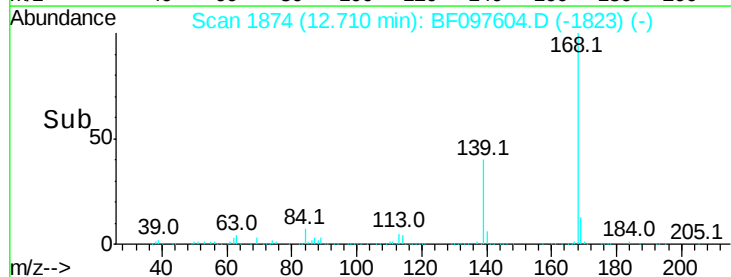
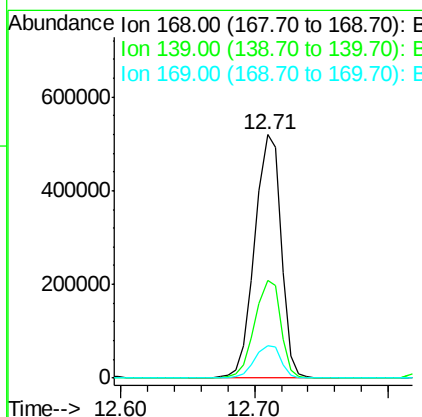
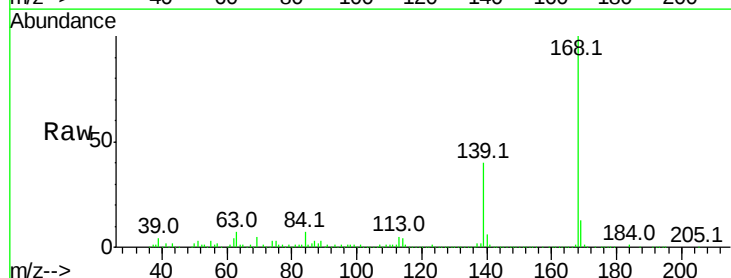
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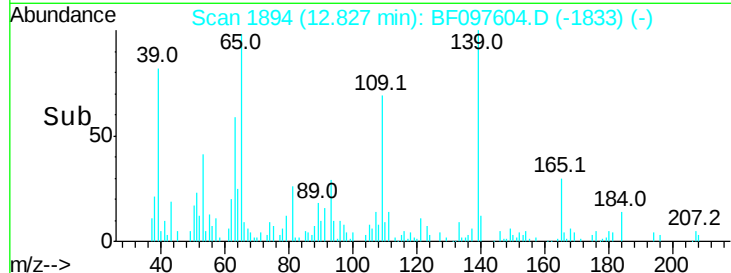
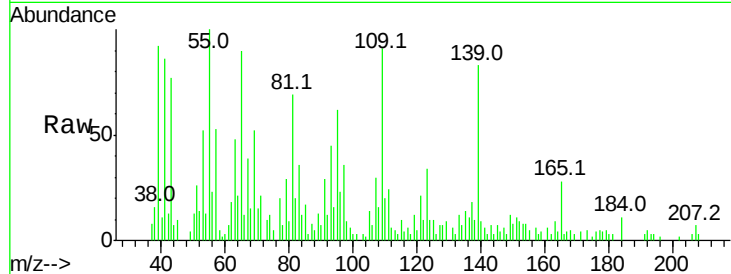
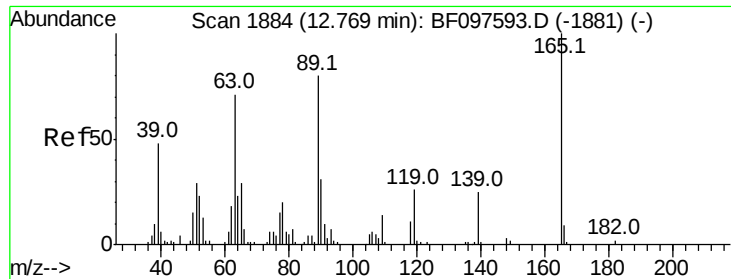
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#54
Dibenzofuran
Concen: 42.480 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	30.6	45.8	
169	13.5	10.8	16.2	





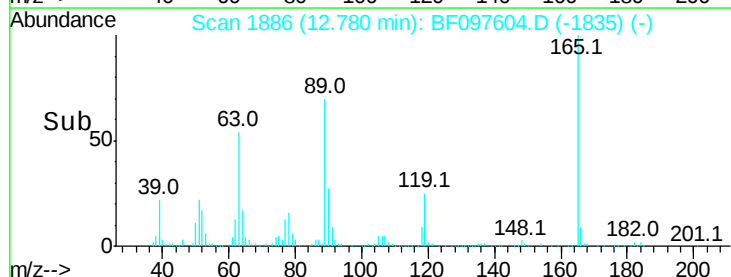
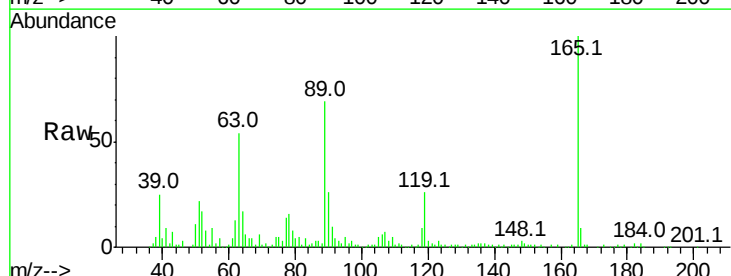
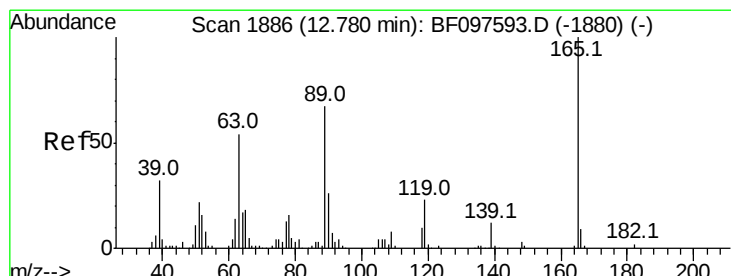
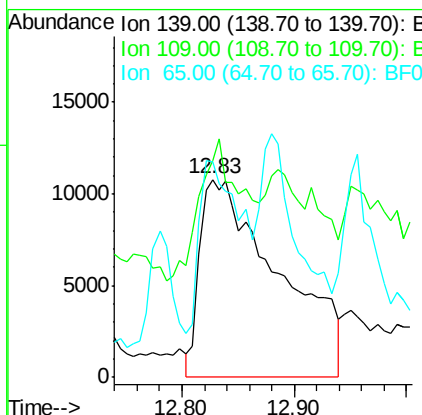
#55
4-Nitrophenol
Concen: 35.070 ng/ml
RT: 12.83 min Scan# 1894
Delta R.T. 0.06 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.7	34.1	74.1#	
65	109.0	31.4	71.4#	

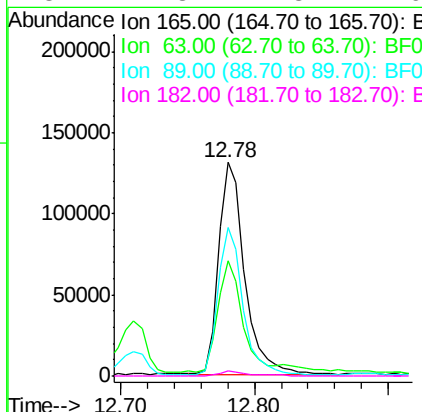
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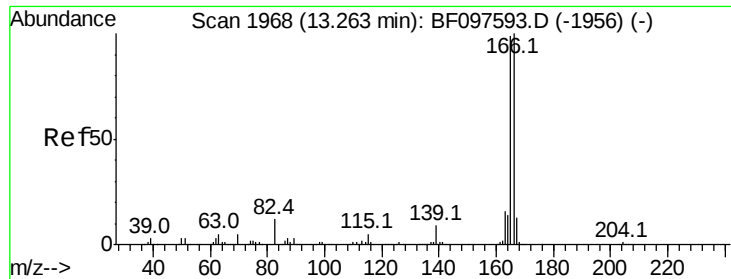
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#56
2,4-Dinitrotoluene
Concen: 44.648 ng
RT: 12.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.2	25.4	38.0#	
89	69.2	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 43.338 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion:166 Resp: 590939

Ion Ratio Lower Upper

166 100

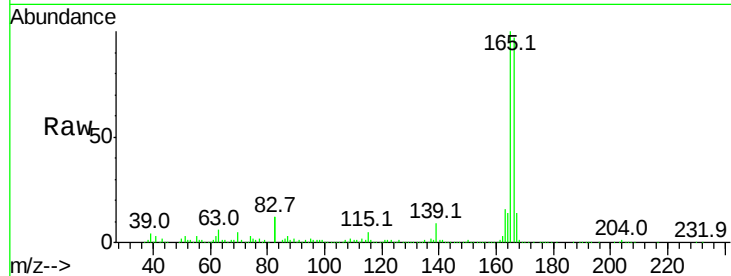
165 102.7 78.8 118.2

167 14.2 10.6 16.0

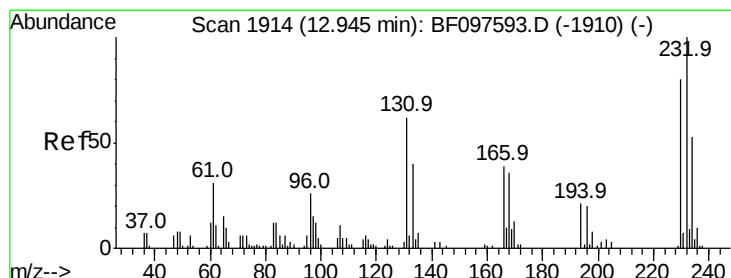
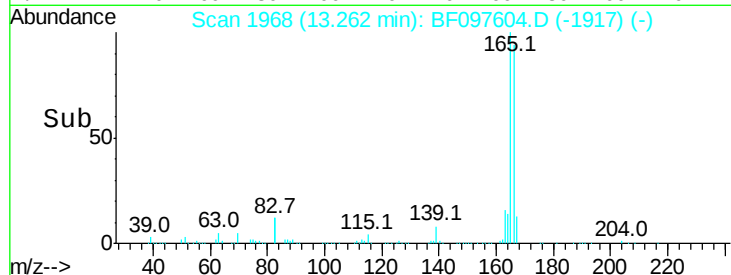
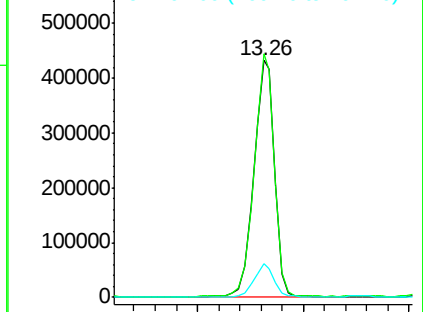
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.442 ng

RT: 12.96 min Scan# 1916

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:232 Resp: 112915

Ion Ratio Lower Upper

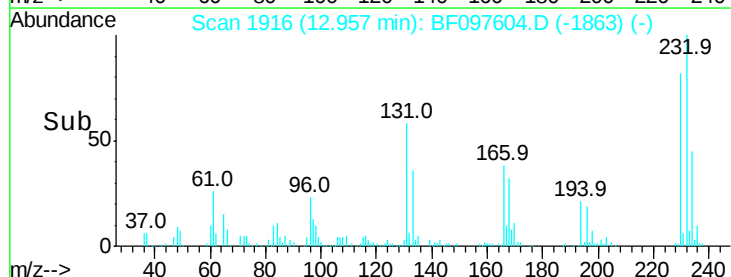
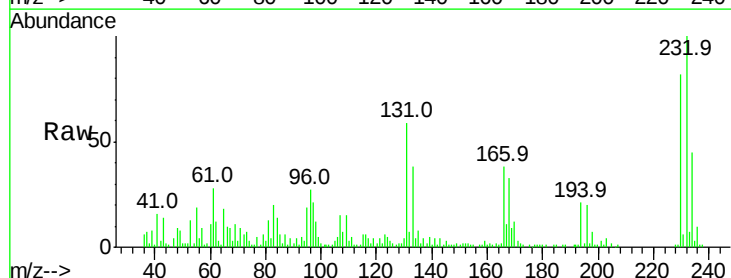
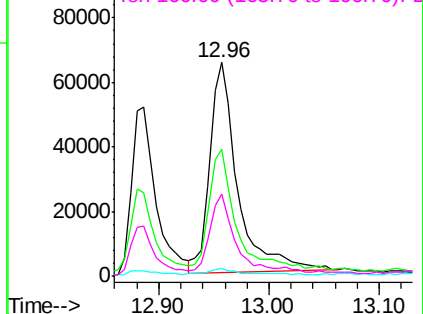
232 100

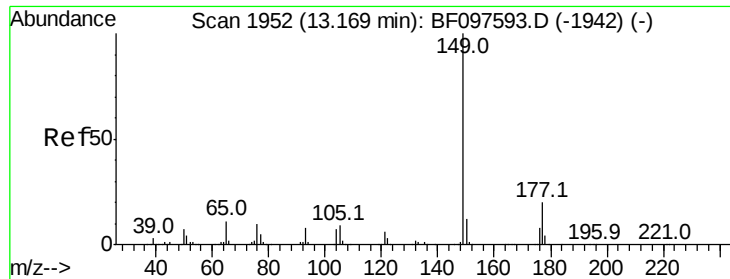
131 55.4 44.8 67.2

130 3.3 2.3 3.5

166 36.7 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





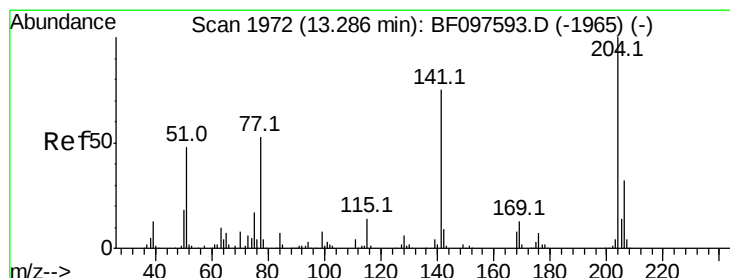
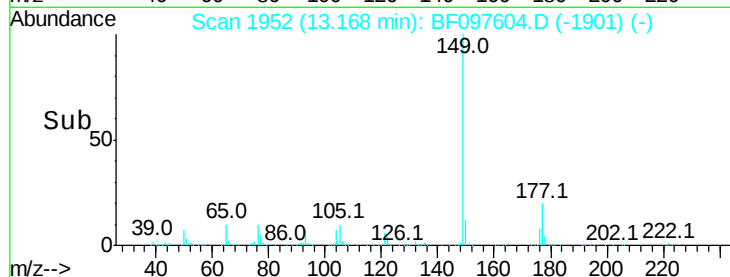
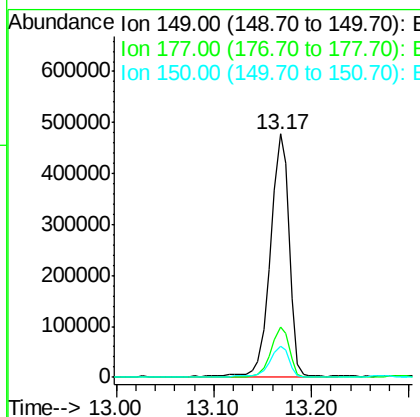
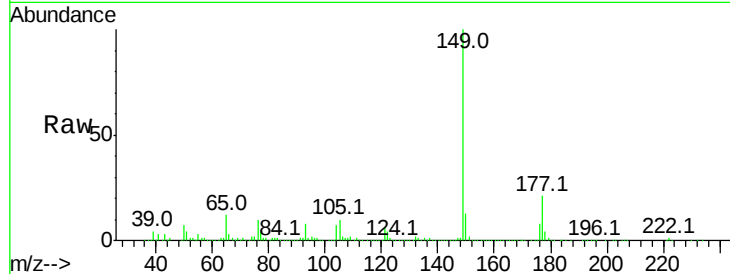
#59
Diethylphthalate
Concen: 46.584 ng
RT: 13.17 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.6	10.2	15.2

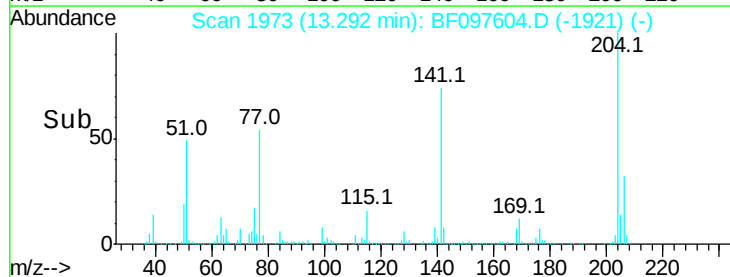
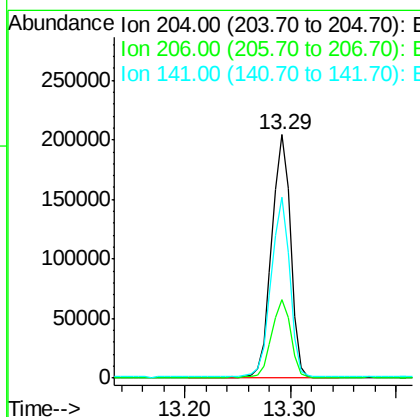
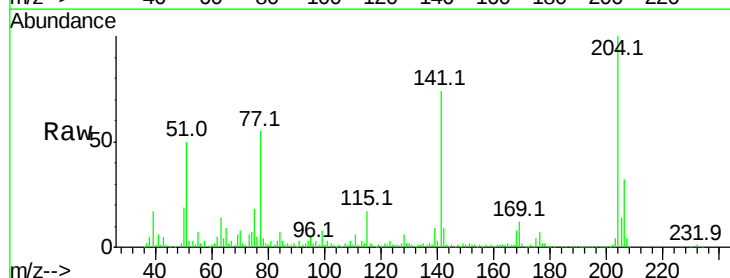
Manual Integrations
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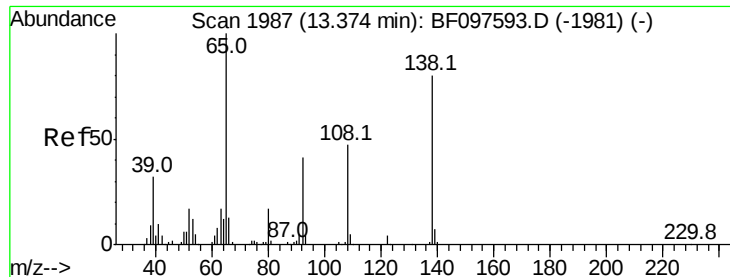
sohil
8/14/2017 6:39:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.886 ng
RT: 13.29 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	74.1	60.8	91.2





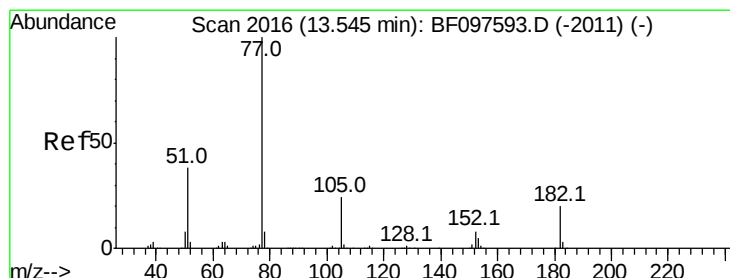
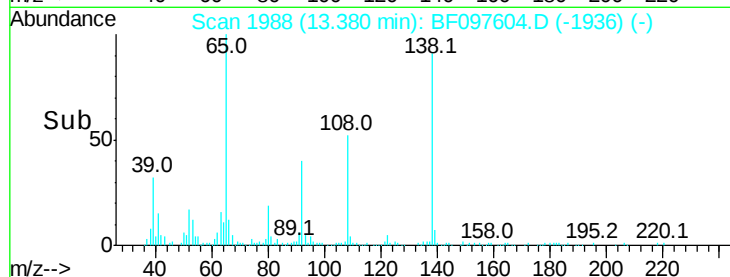
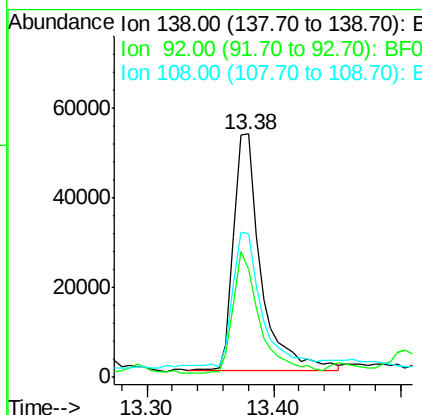
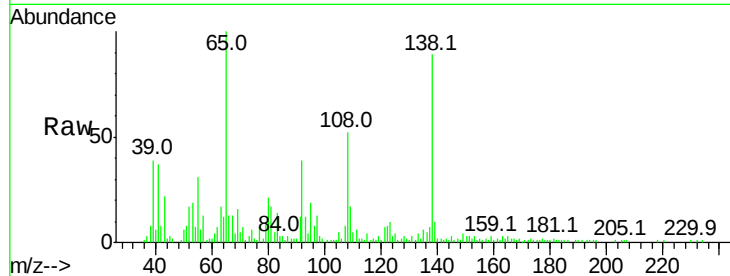
#61
4-Nitroaniline
Concen: 21.170 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.2	21.8	61.8
108	58.8	42.3	82.3

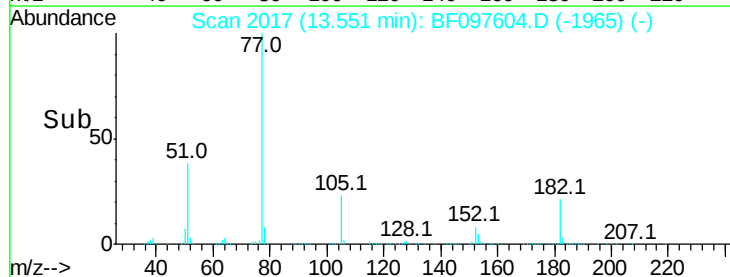
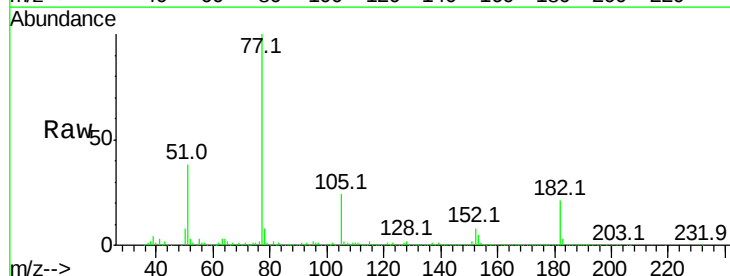
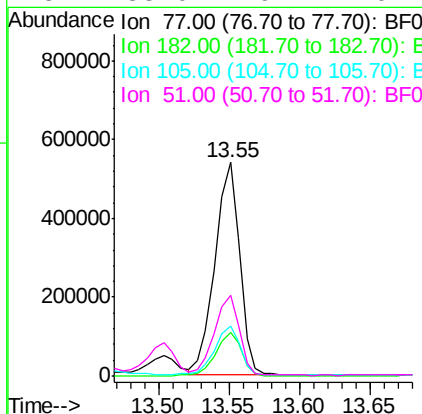
Manual Integrations
APPROVED

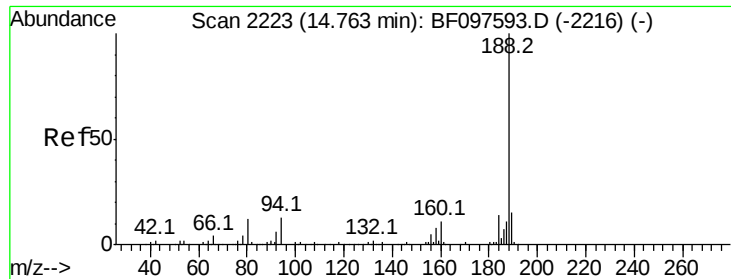
sohil
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#62
Azobenzene
Concen: 48.121 ng
RT: 13.55 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.1	40.1
105	23.7	3.6	43.6
51	38.0	9.4	49.4





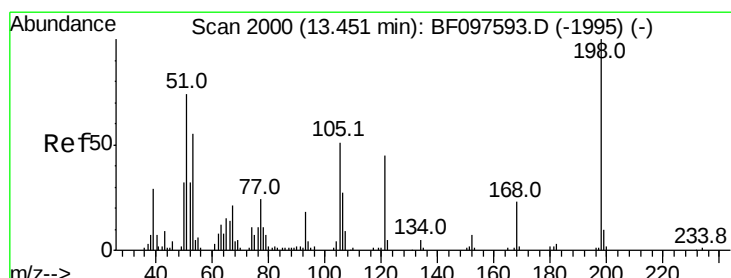
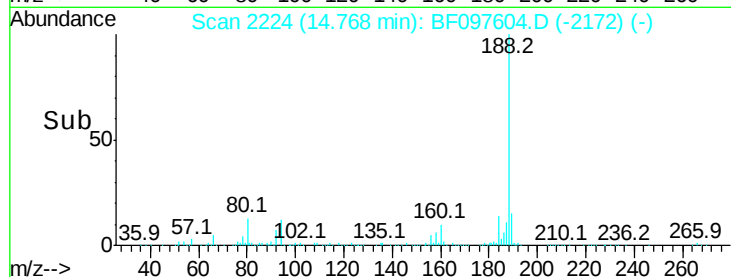
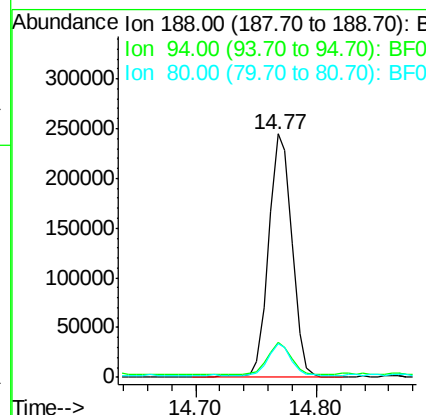
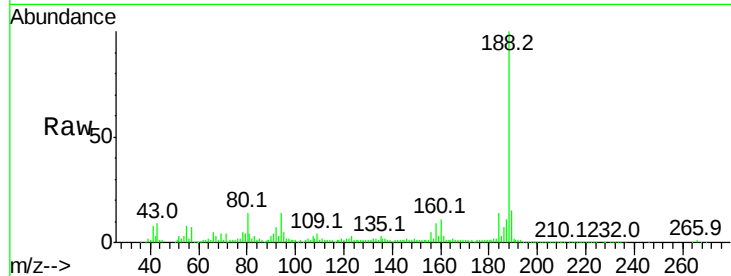
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	323934		
94	14.3		9.4	14.2#
80	13.7		10.2	15.2

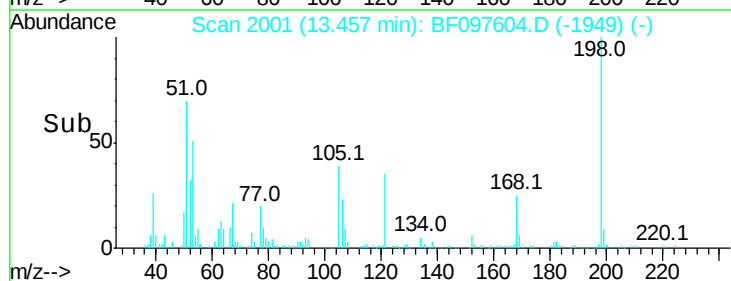
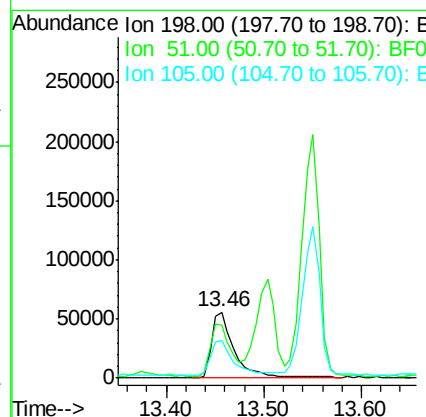
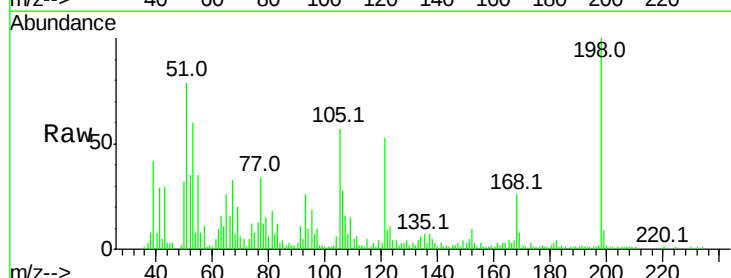
Manual Integrations
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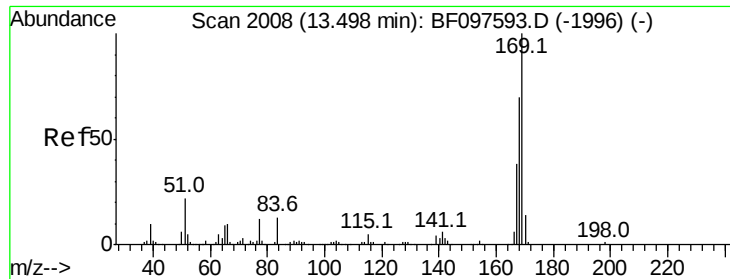
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.221 ng
RT: 13.46 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91333		
51	79.3		53.2	93.2
105	56.9		45.8	85.8





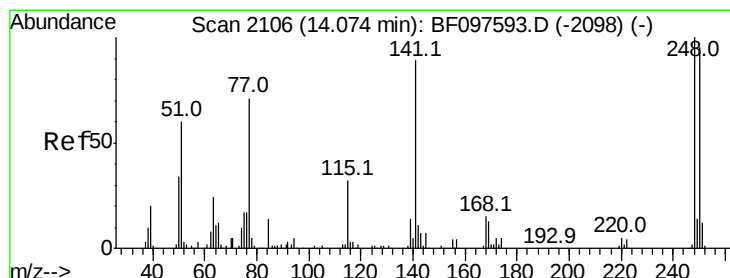
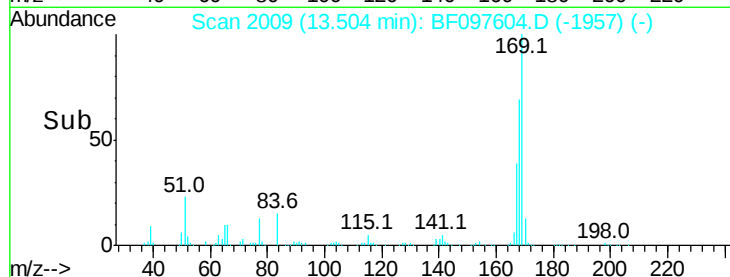
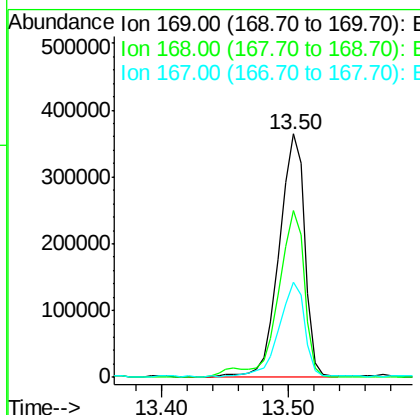
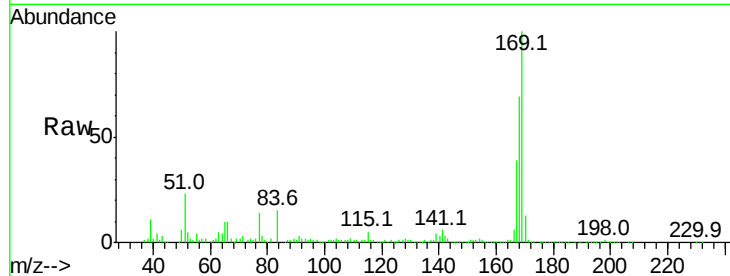
#65
n-Nitrosodiphenylamine
Concen: 42.493 ng
RT: 13.50 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	508680		
168	68.7	53.2	79.8	
167	39.3	29.5	44.3	

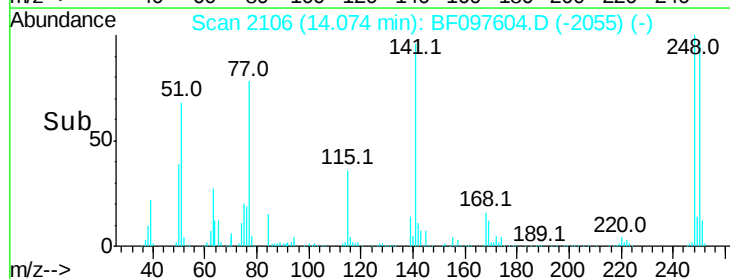
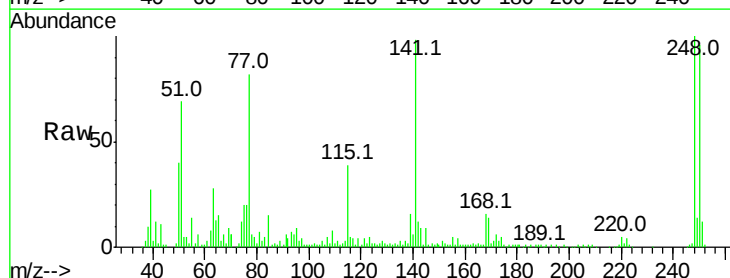
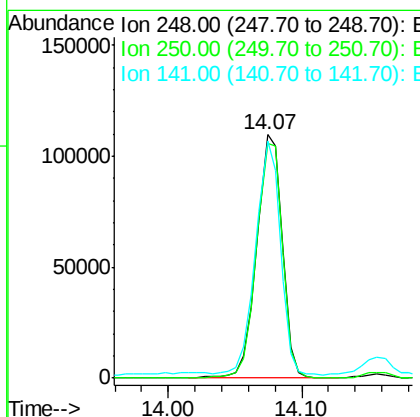
Manual Integrations
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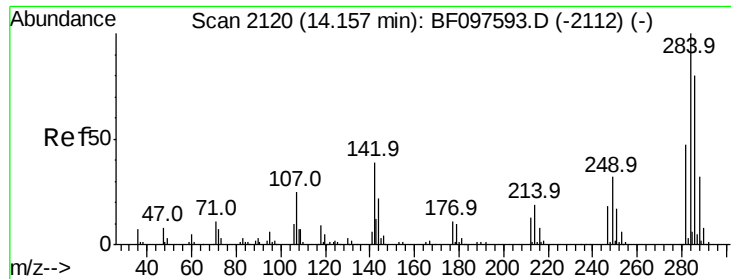
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#66
4-Bromophenyl-phenylether
Concen: 42.826 ng
RT: 14.07 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143927		
250	96.2	76.8	115.2	
141	97.6	68.6	103.0	





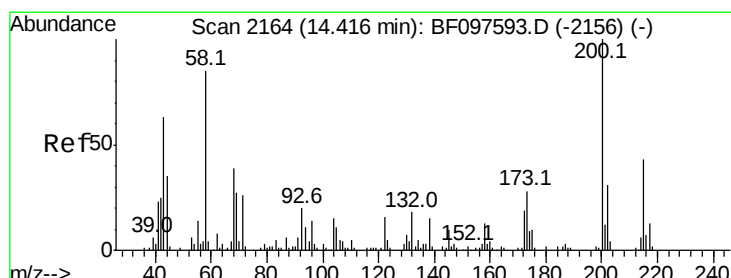
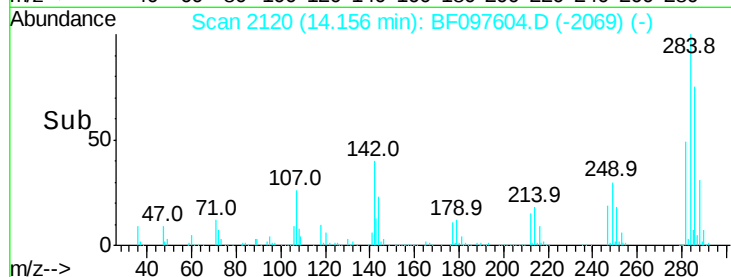
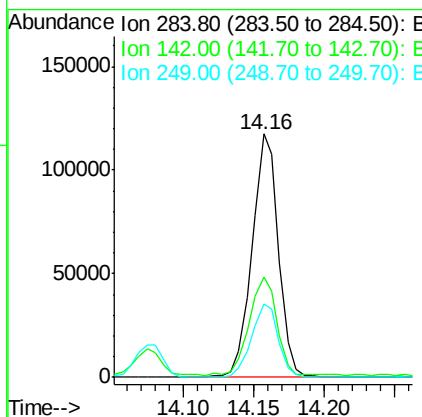
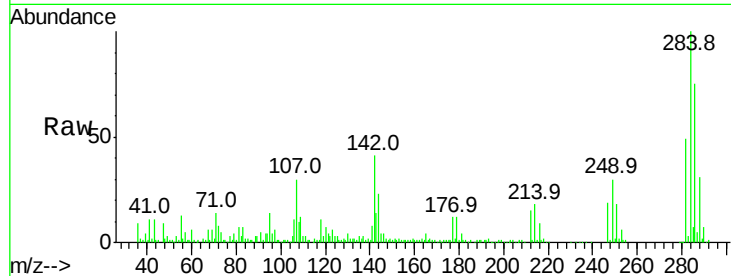
#67
Hexachlorobenzene
Concen: 42.158 ng
RT: 14.16 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	154334		
142	41.3	22.8	34.2	#
249	30.0	24.0	36.0	

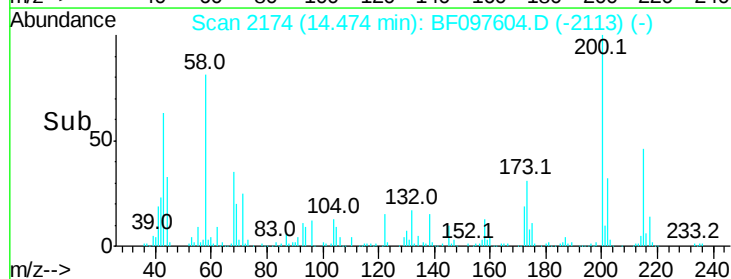
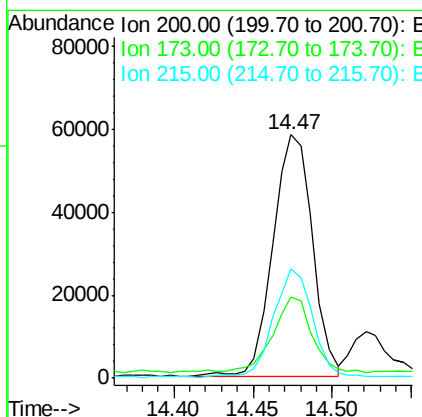
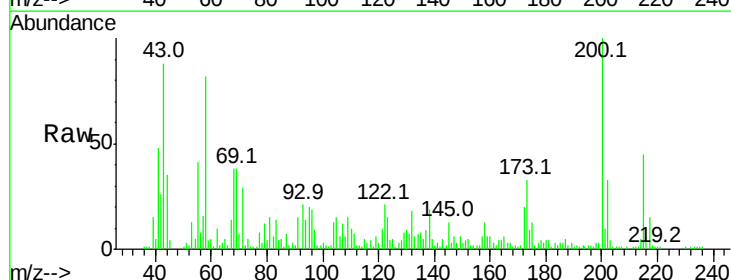
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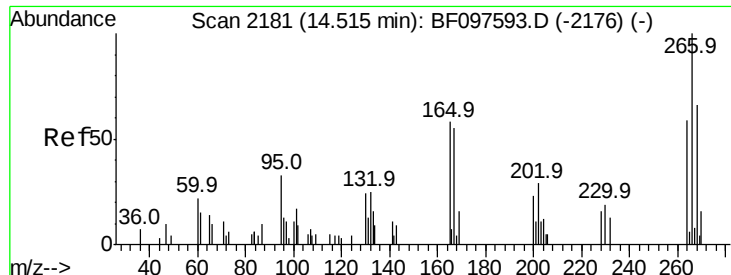
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#68
Atrazine
Concen: 33.493 ng
RT: 14.47 min Scan# 2174
Delta R.T. 0.06 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	100599		
173	33.4	6.3	46.3	
215	45.0	27.2	67.2	





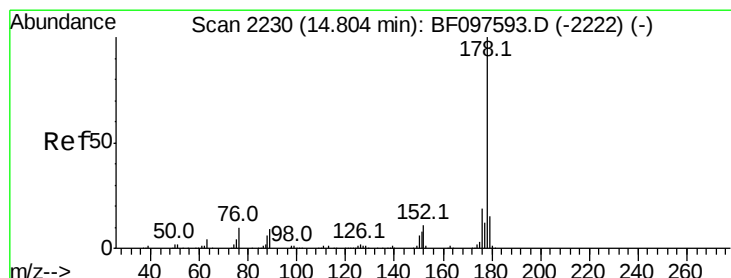
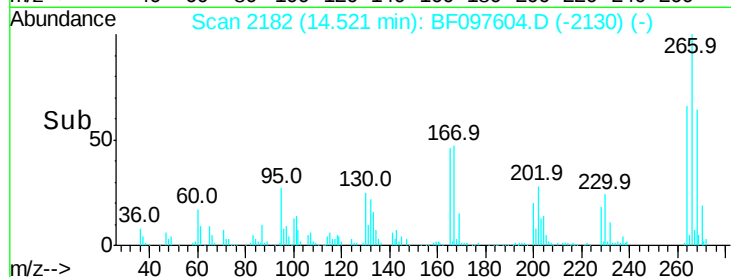
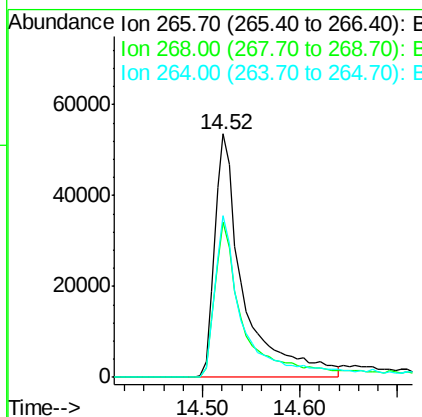
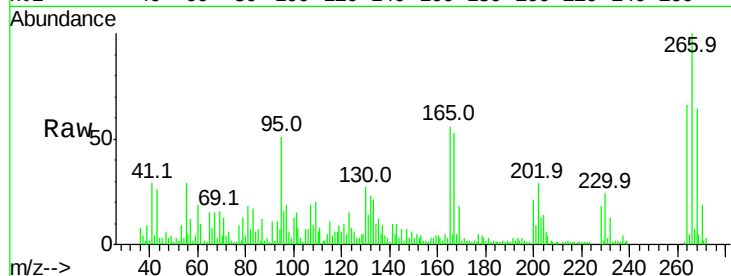
#69
 Pentachlorophenol
 Concen: Below Cal
 RT: 14.52 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110024		
268	63.8		51.1	76.7
264	66.4		51.7	77.5

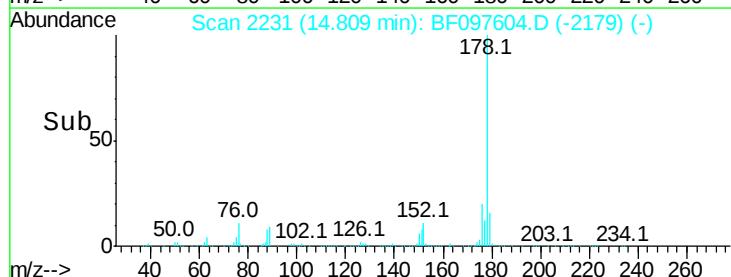
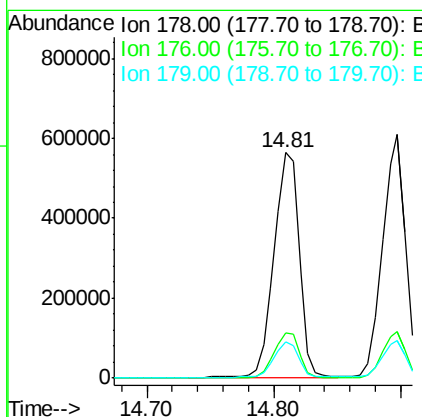
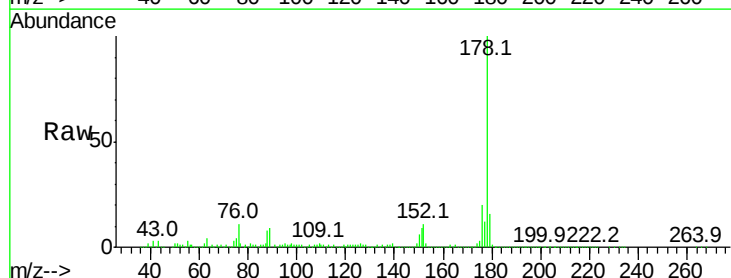
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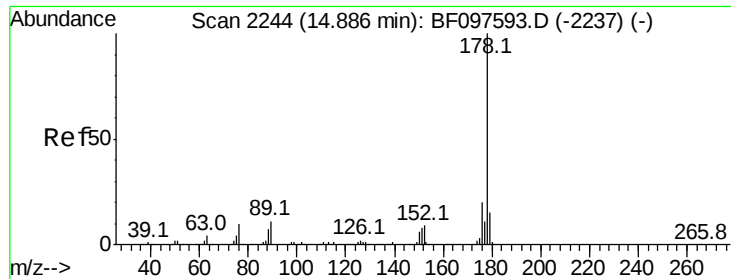
sohil
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#70
 Phenanthrene
 Concen: 41.636 ng
 RT: 14.81 min Scan# 2231
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	776813		
176	19.8		16.2	24.4
179	15.9		12.6	19.0





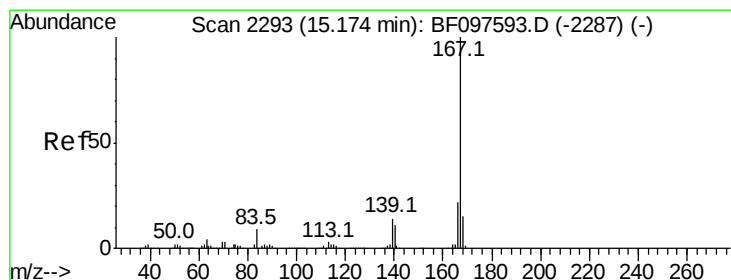
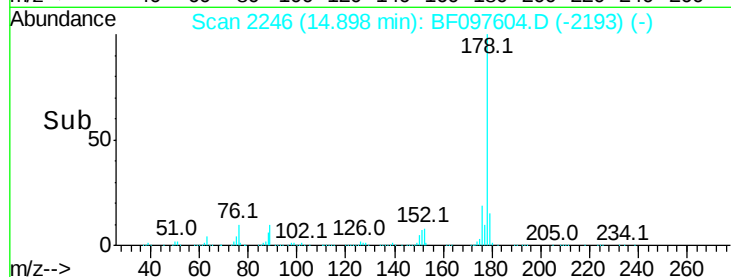
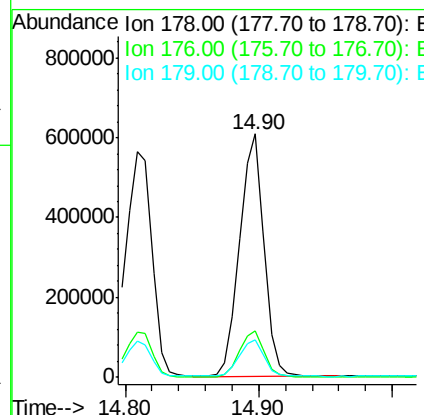
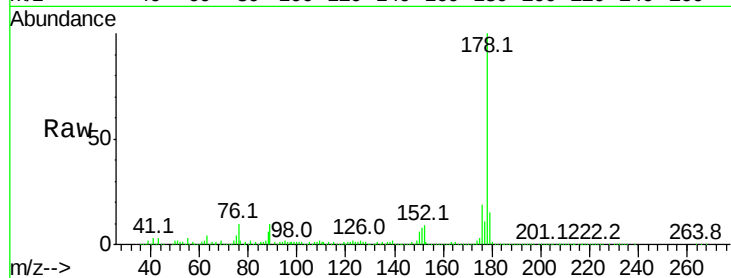
#71
 Anthracene
 Concen: 40.617 ng
 RT: 14.90 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	12.7	19.1

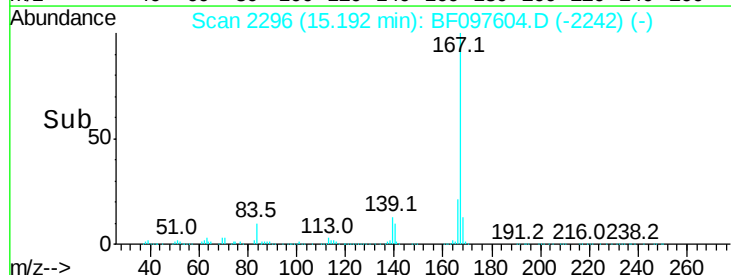
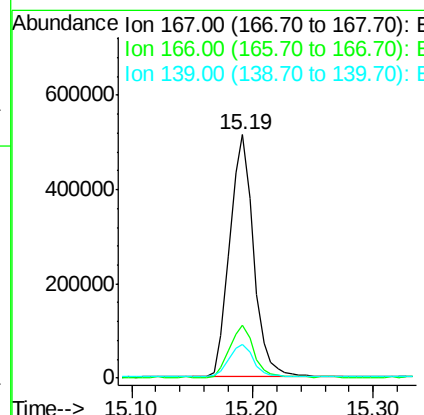
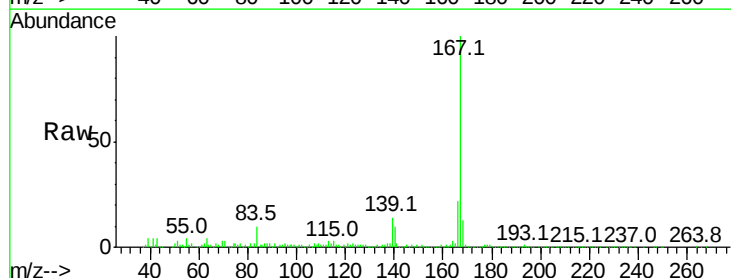
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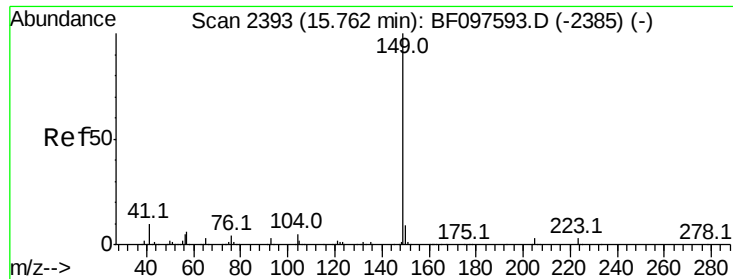
sohil
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#72
 Carbazole
 Concen: 38.925 ng
 RT: 15.19 min Scan# 2296
 Delta R.T. 0.02 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	14.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.542 ng

RT: 15.77 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

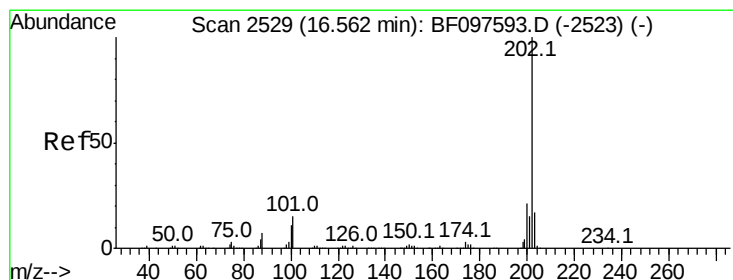
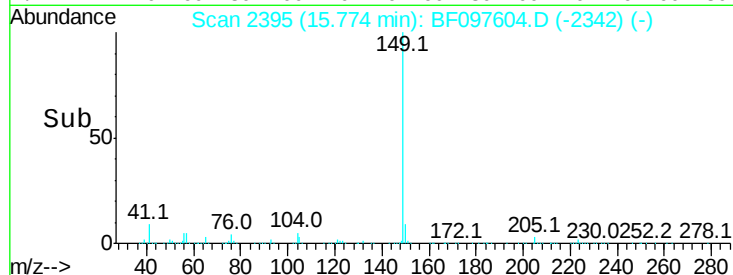
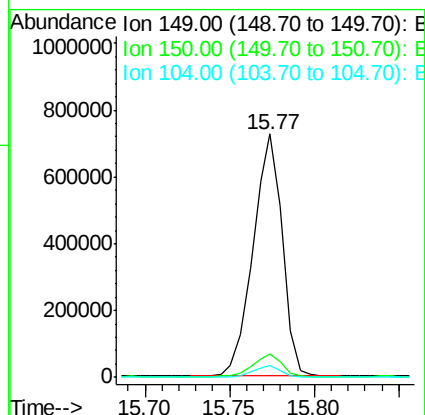
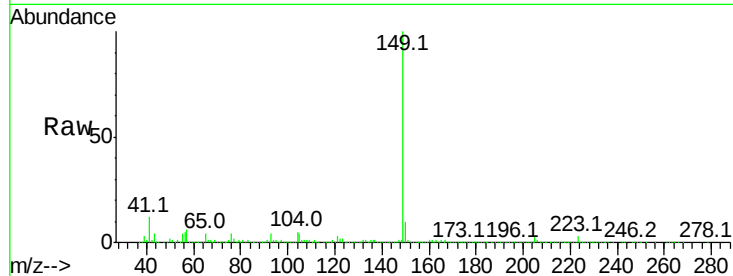
ClientSampled :

VE-4-11MS

Tot Ion:	149	Resp:	862365
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.7	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.467 ng

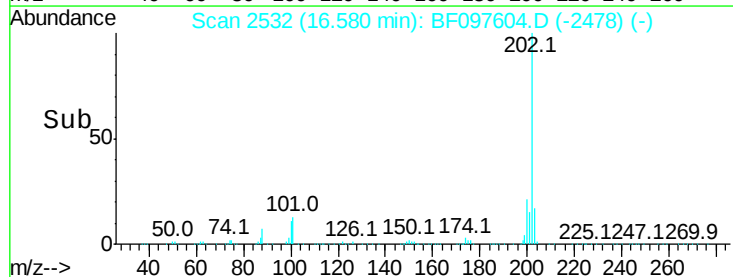
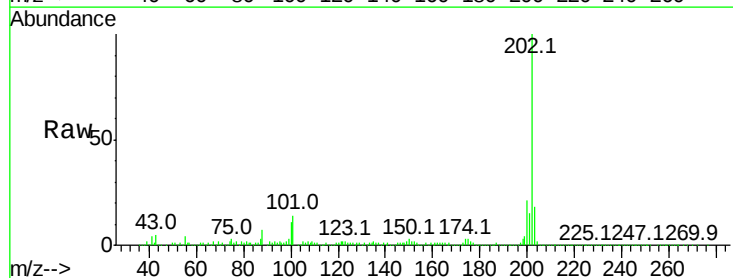
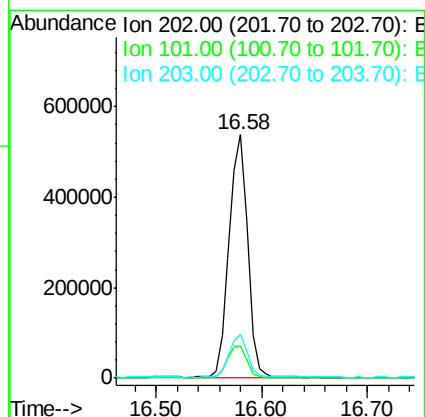
RT: 16.58 min Scan# 2532

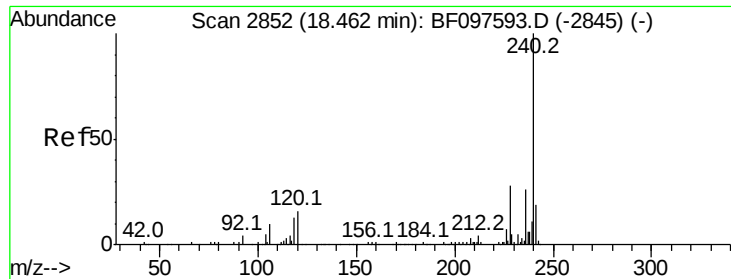
Delta R.T. 0.02 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Tgt Ion:	202	Resp:	648513
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.48 min Scan# 2855

Delta R.T. 0.02 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

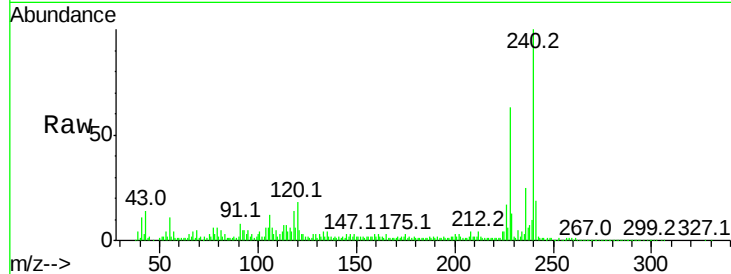
ClientSampled :

VE-4-11MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.1	5.8	8.8#
236	25.4	20.5	30.7

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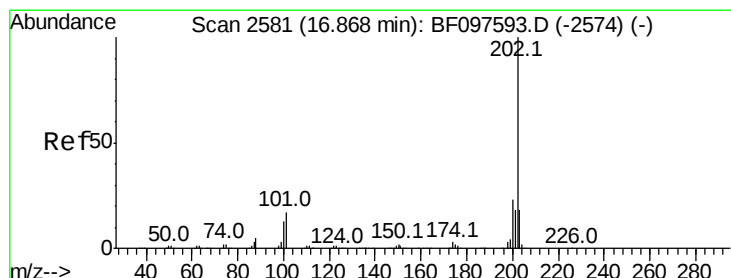
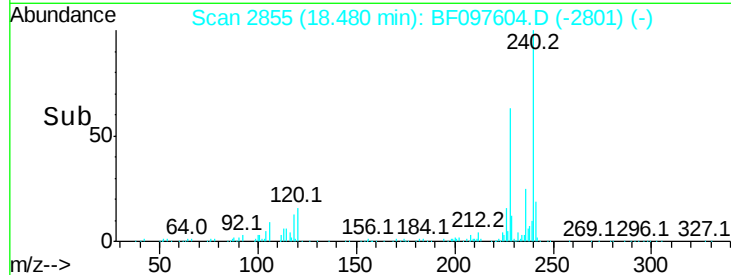
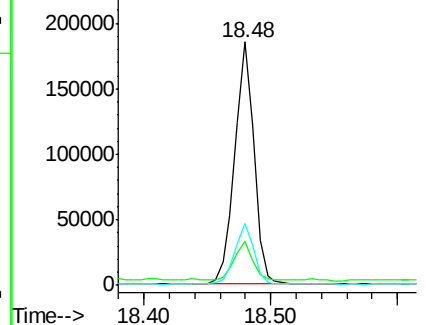
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.578 ng

RT: 16.88 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF097604.D

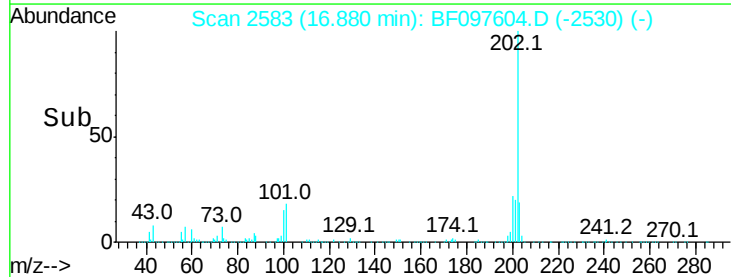
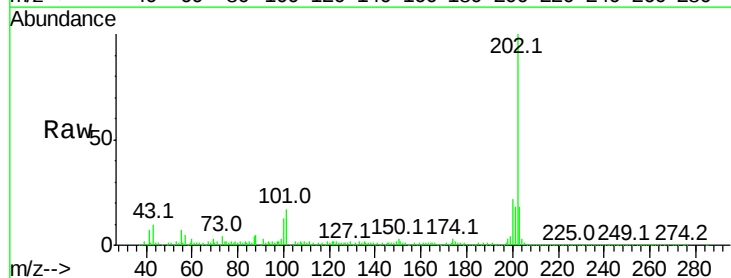
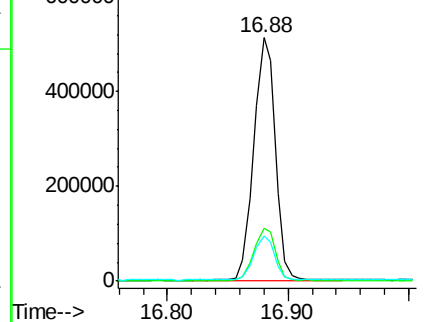
Acq: 11 Aug 2017 20:14

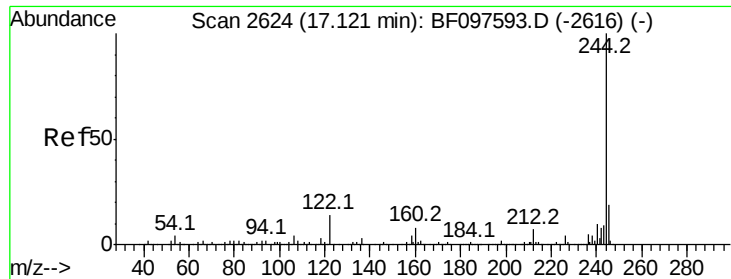
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.5	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.508 ng

RT: 17.13 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

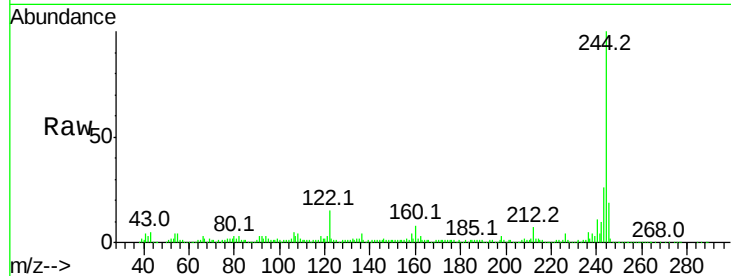
ClientSampleId :

VE-4-11MS

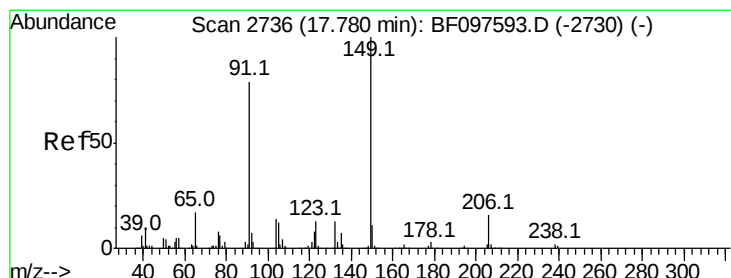
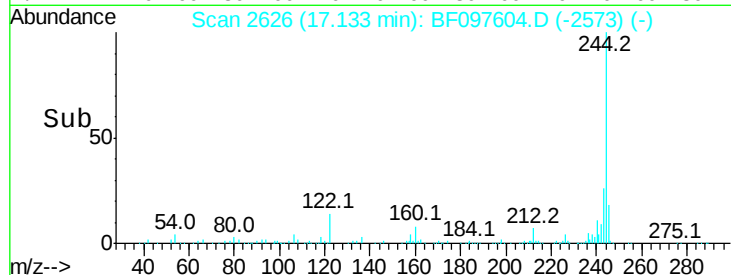
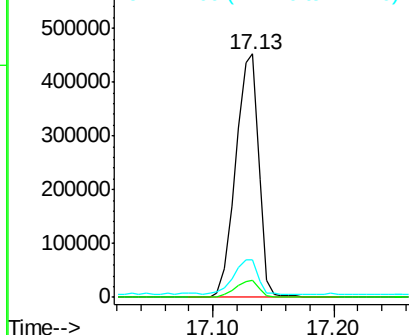
Tot Ion:	244	Resp:	596070
Ion Ratio		Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.2	10.3	15.5

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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: 46.169 ng

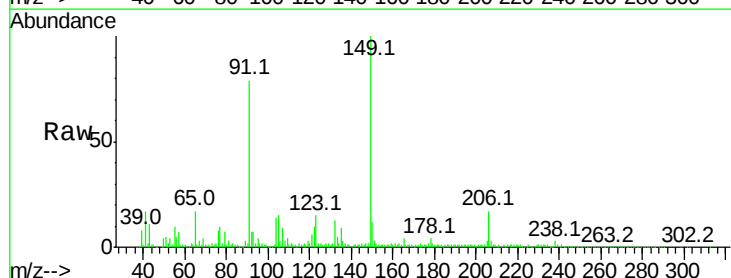
RT: 17.80 min Scan# 2740

Delta R.T. 0.02 min

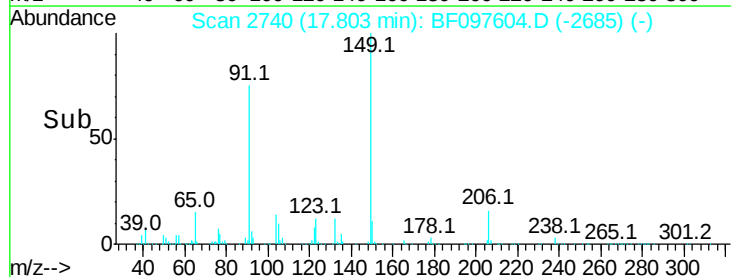
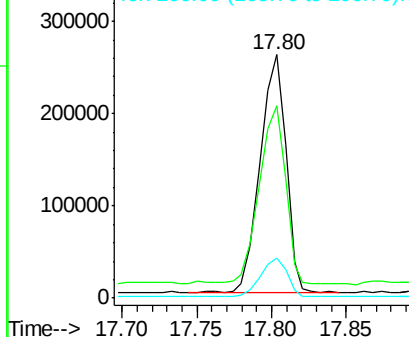
Lab File: BF097604.D

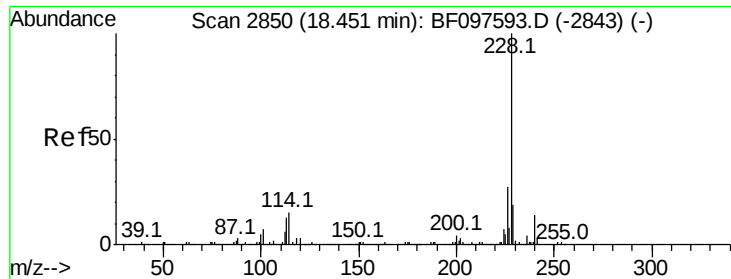
Acq: 11 Aug 2017 20:14

Tgt Ion:	149	Resp:	310051
Ion Ratio		Lower	Upper
149	100		
91	79.2	45.0	67.4#
206	16.5	17.0	25.6#



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





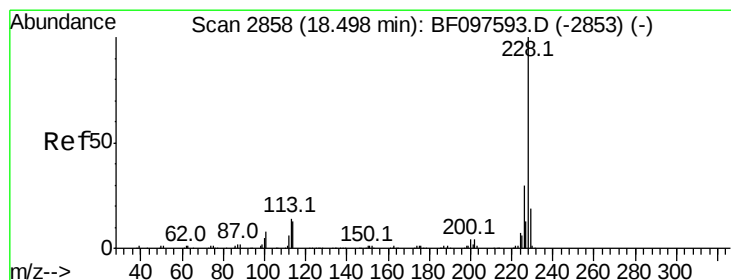
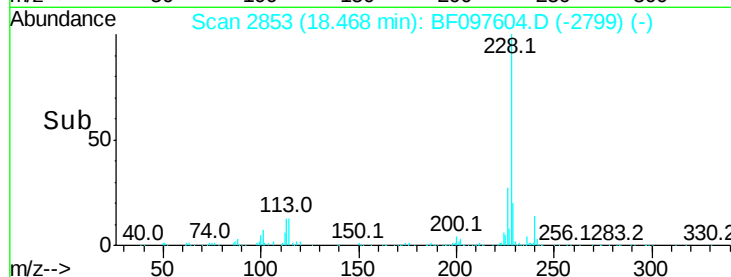
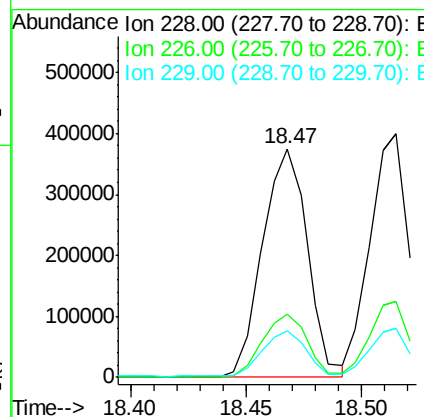
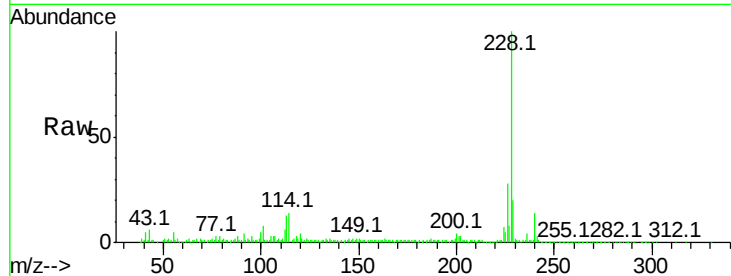
#80
Benzo(a)anthracene
Concen: 44.242 ng
RT: 18.47 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.3	24.5

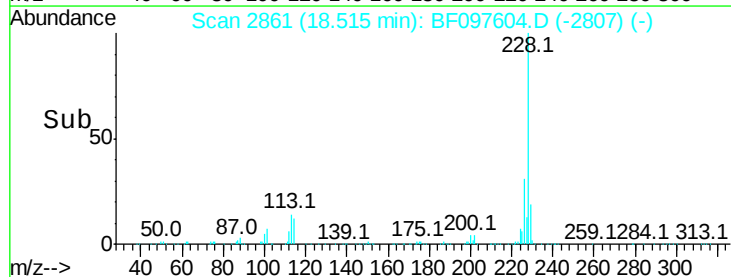
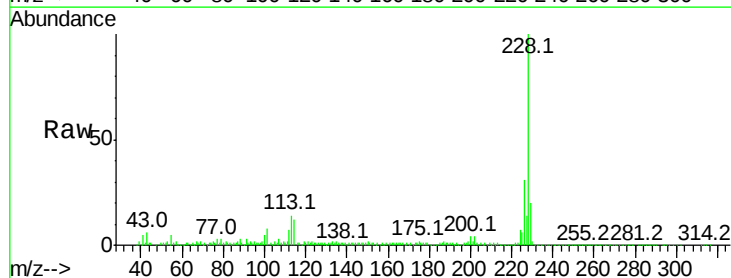
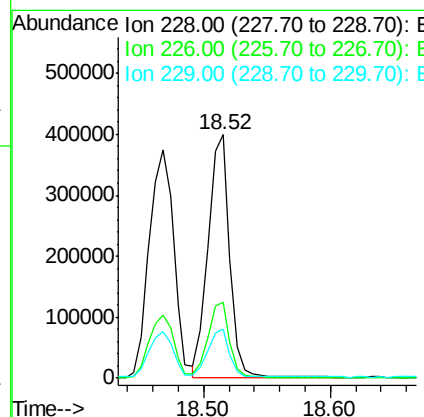
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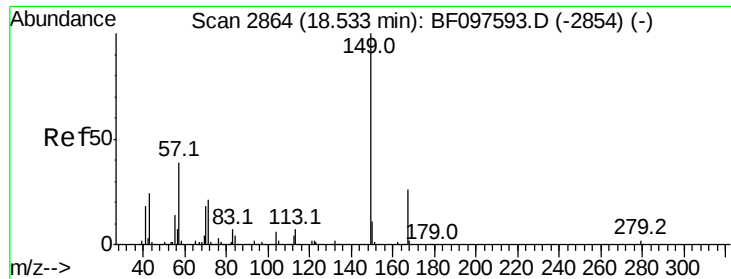
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#82
Chrysene
Concen: 41.606 ng
RT: 18.52 min Scan# 2861
Delta R.T. 0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.019 ng

RT: 18.55 min Scan# 2867

Delta R.T. 0.02 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

Instrument :

BNA_F

ClientSampled :

VE-4-11MS

Tot Ion:149 Resp: 458659

Ion Ratio Lower Upper

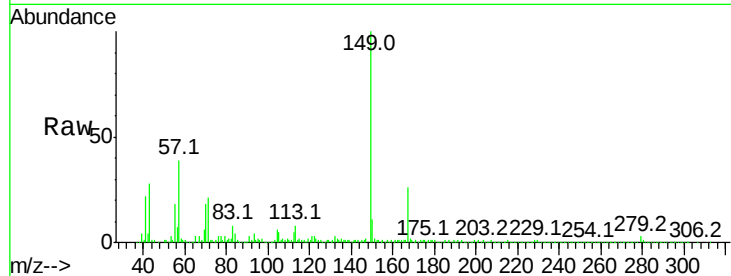
149 100

167 26.1 21.0 31.4

279 2.9 1.9 2.9#

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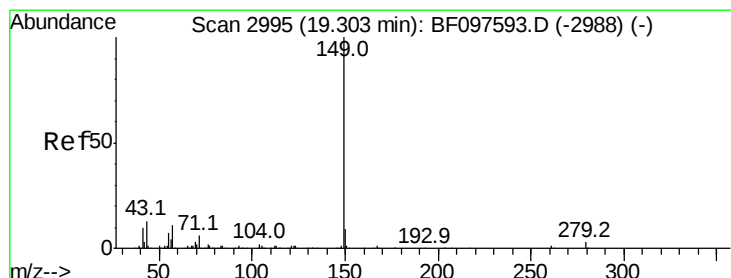
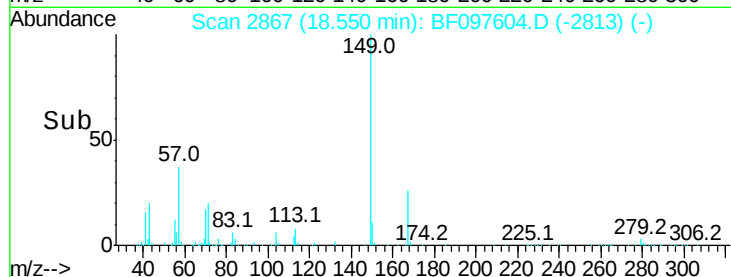
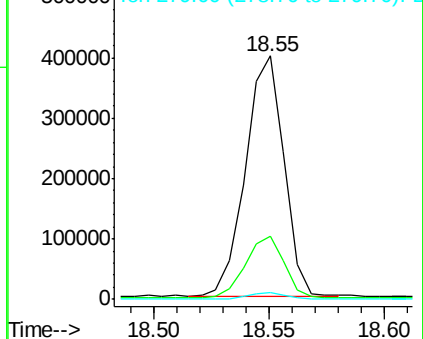
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.024 ng

RT: 19.31 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BF097604.D

Acq: 11 Aug 2017 20:14

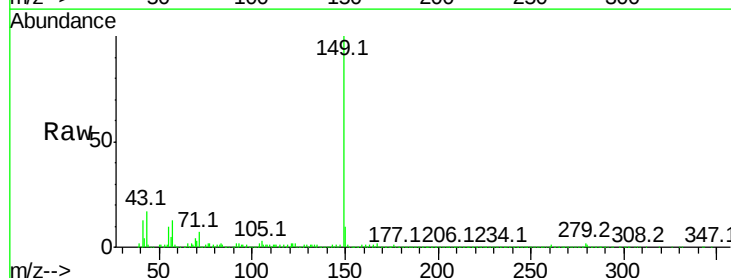
Tgt Ion:149 Resp: 734355

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

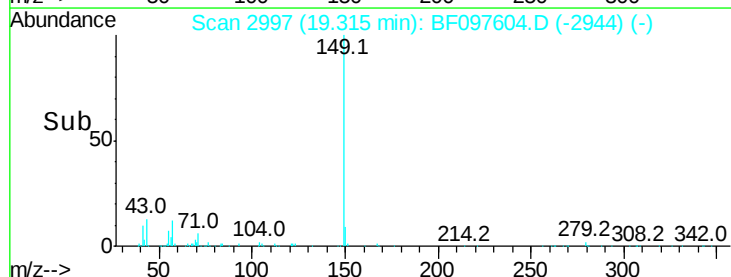
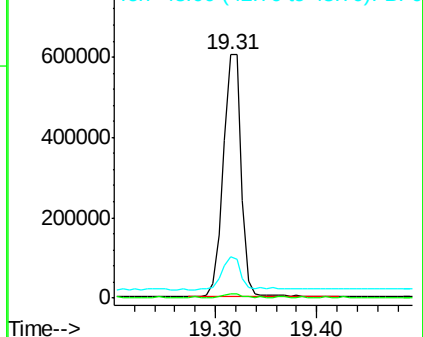
43 14.9 8.5 12.7#

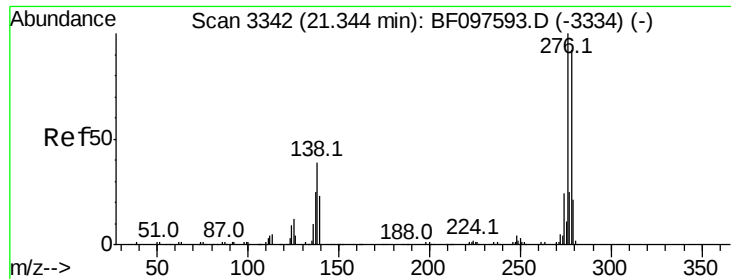


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





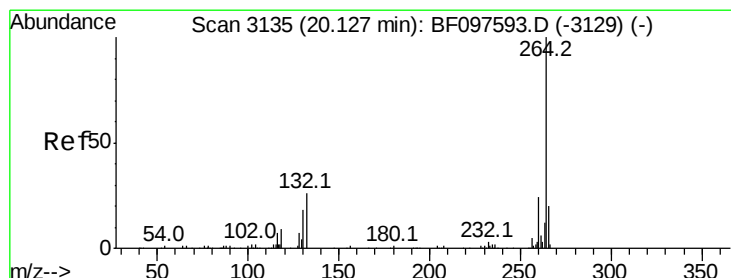
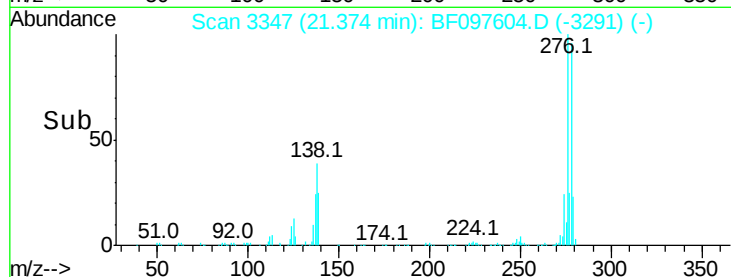
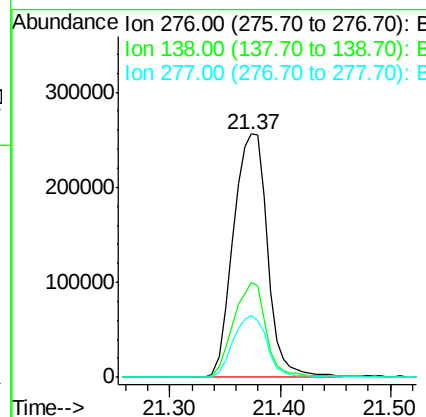
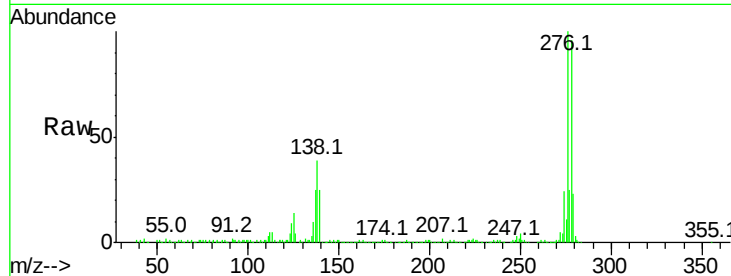
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.523 ng
 RT: 21.37 min Scan# 3347
 Delta R.T. 0.03 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	36.9	27.8	41.6	
277	25.2	20.2	30.4	

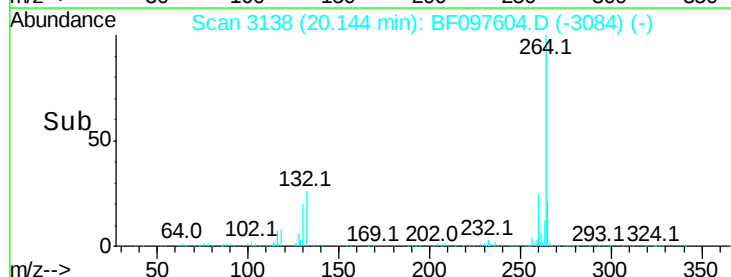
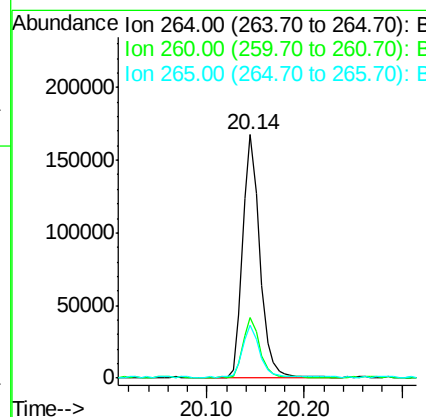
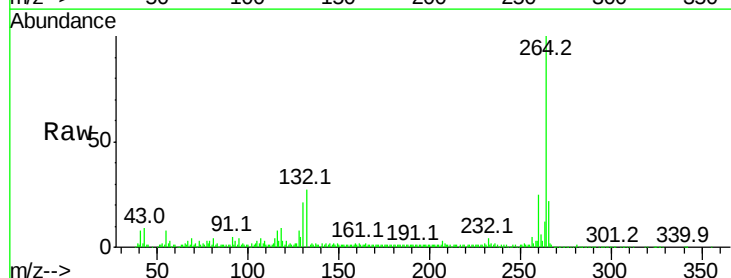
Manual Integrations
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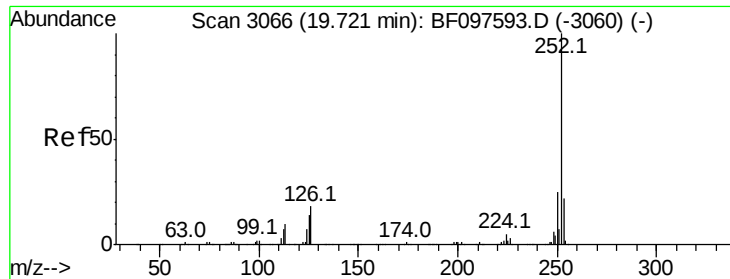
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.14 min Scan# 3138
 Delta R.T. 0.02 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	19.5	29.3	
265	21.6	17.2	25.8	





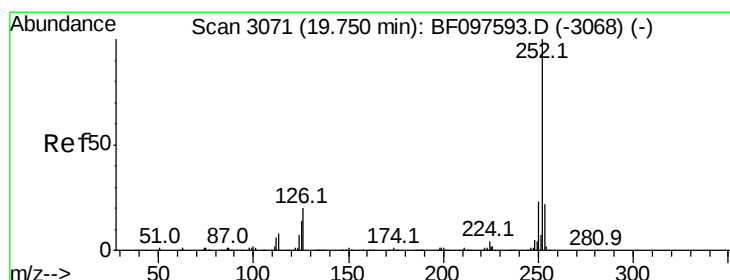
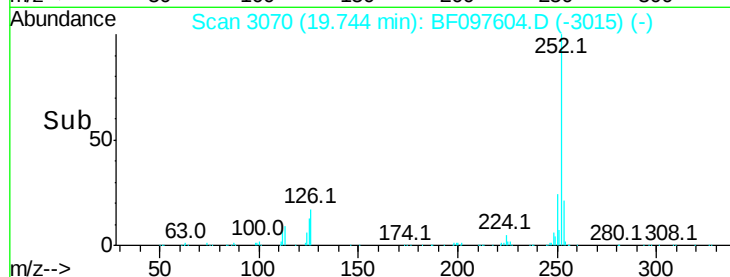
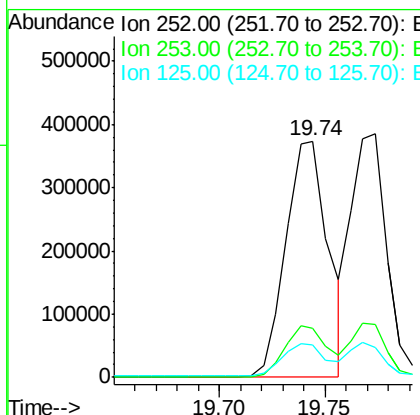
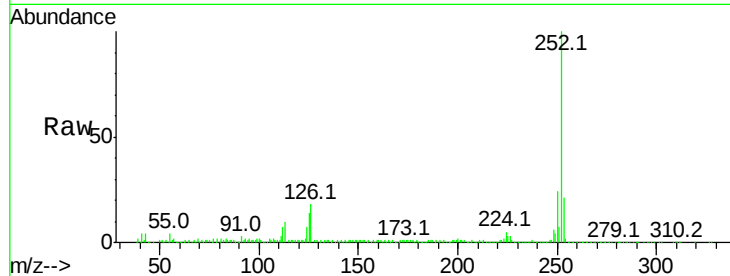
#87
Benzo(b)fluoranthene
Concen: 42.512 ng
RT: 19.74 min Scan# 3070
Delta R.T. 0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	13.7	9.8	14.8

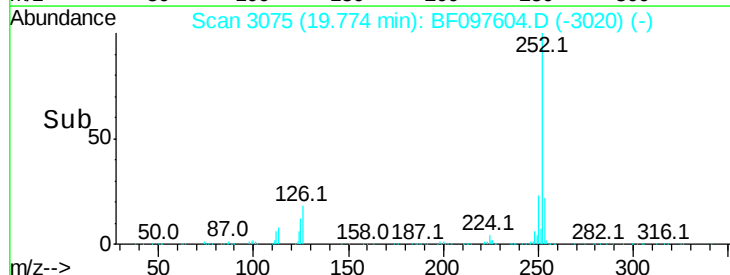
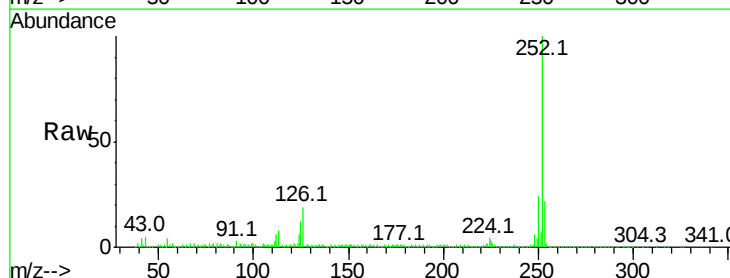
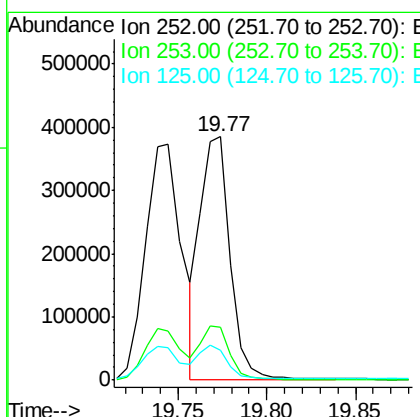
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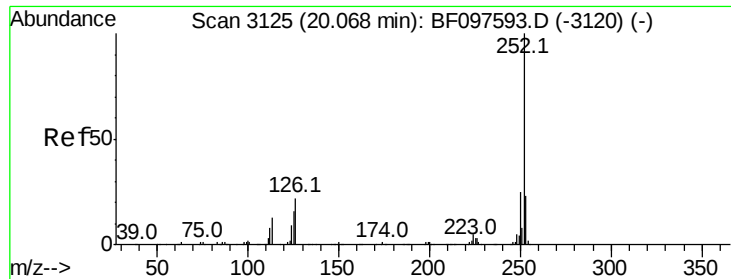
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#88
Benzo(k)fluoranthene
Concen: 37.335 ng m
RT: 19.77 min Scan# 3075
Delta R.T. 0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.3	13.1	19.7#





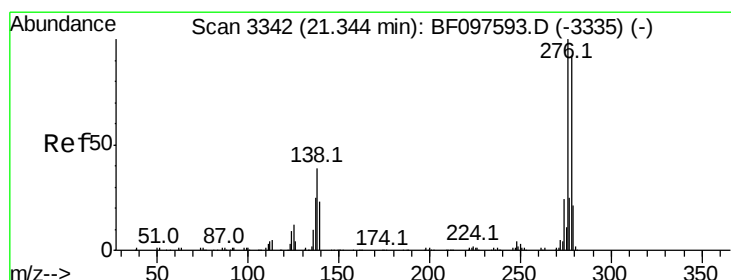
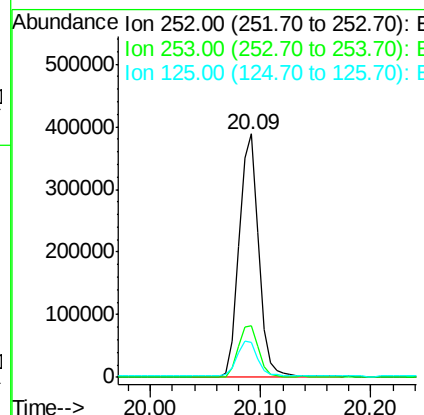
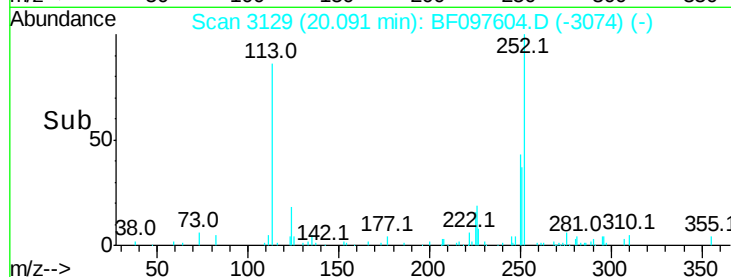
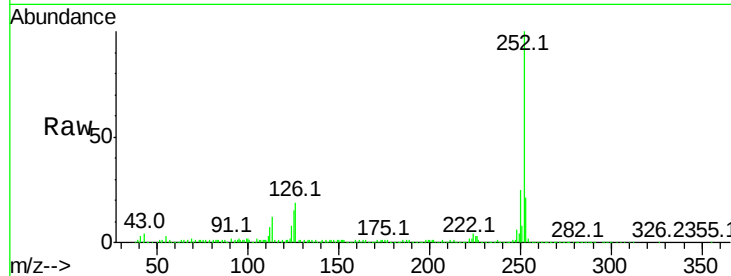
#89
Benzo(a)pyrene
Concen: 42.967 ng
RT: 20.09 min Scan# 3129
Delta R.T. 0.02 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	17.5	26.3	
125	14.6	11.0	16.4	

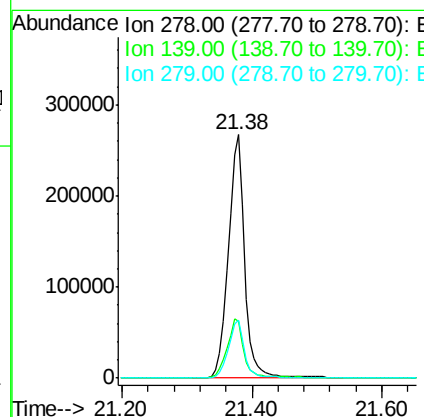
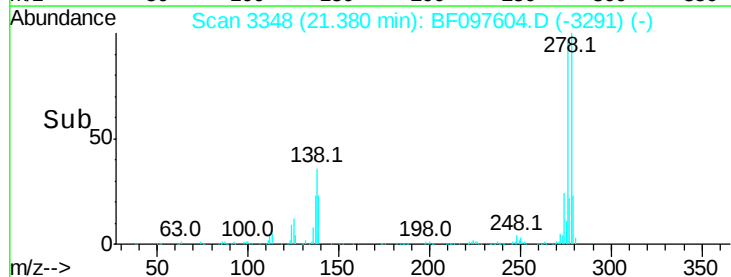
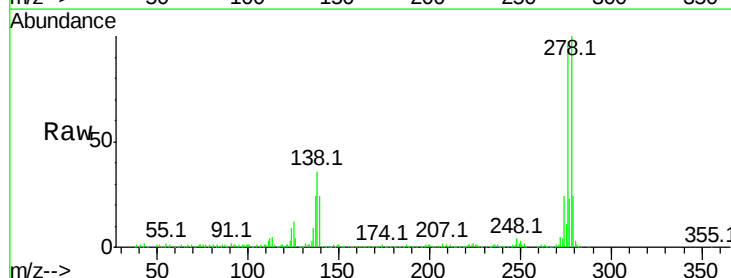
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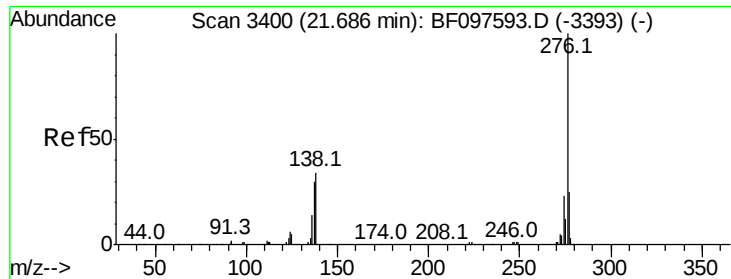
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#90
Dibenzo(a,h)anthracene
Concen: 57.263 ng
RT: 21.38 min Scan# 3348
Delta R.T. 0.04 min
Lab File: BF097604.D
Acq: 11 Aug 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	23.5	16.6	24.8	
279	23.6	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 58.297 ng
 RT: 21.72 min Scan# 3406
 Delta R.T. 0.04 min
 Lab File: BF097604.D
 Acq: 11 Aug 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion:	276	Resp:	516531
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.6	28.0
138	32.9	25.4	38.0

Manual Integrations
 APPROVED

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