

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097605.D
 Acq On : 11 Aug 2017 20:47
 Operator : SJ/JU
 Sample : I4631-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

Manual Integrations
 APPROVED

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 8/14/2017 6:40:04 PM

Quant Time: Aug 14 10:41:57 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	94614	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	404601	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	169201	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	253073	20.00	ng	0.00
75) Chrysene-d12	18.48	240	165386	20.00	ng	0.02
86) Perylene-d12	20.14	264	179586	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	435100	73.10	ng	0.02
7) Phenol-d6	7.07	99	315590	42.74	ng	0.01
23) Nitrobenzene-d5	8.43	82	558349	86.53	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	154441	120.07	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	927300	82.71	ng	0.00
78) Terphenyl-d14	17.13	244	495135	61.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	35896	13.896	ng	# 70
3) Pyridine	2.51	79	45971	6.102	ng	# 61
4) n-Nitrosodimethylamine	2.40	42	57998	13.267	ng	# 74
6) Aniline	7.02	93	104804	9.876	ng	98
8) 2-Chlorophenol	7.20	128	263767	38.655	ng	92
9) Benzaldehyde	6.82	77	140202	28.795	ng	92
10) Phenol	7.09	94	101225	12.520	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	299386	46.167	ng	90
12) 1,3-Dichlorobenzene	7.41	146	267511	35.006	ng	99
13) 1,4-Dichlorobenzene	7.54	146	295694	38.015	ng	95
14) 1,2-Dichlorobenzene	7.77	146	282502	39.798	ng	98
15) Benzyl Alcohol	7.81	79	136770	26.805	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.00	45	606168	41.634	ng	89
17) 2-Methylphenol	8.04	107	176276	33.332	ng	98
18) Hexachloroethane	8.29	117	94847	35.641	ng	# 78
19) n-Nitroso-di-n-propylamine	8.24	70	227236	44.243	ng	# 84
20) 3+4-Methylphenols	8.30	107	193570	29.887	ng	# 59
22) Acetophenone	8.19	105	435653	45.578	ng	# 97
24) Nitrobenzene	8.45	77	293234	41.702	ng	95
25) Isophorone	8.86	82	594387	50.006	ng	97
26) 2-Nitrophenol	8.96	139	171369	48.182	ng	# 85
27) 2,4-Dimethylphenol	9.11	122	250858	42.295	ng	96
28) bis(2-Chloroethoxy)methane	9.23	93	373001	43.431	ng	99
29) 2,4-Dichlorophenol	9.40	162	202718	38.762	ng	94
30) 1,2,4-Trichlorobenzene	9.47	180	204880	39.514	ng	97
31) Naphthalene	9.57	128	851433	42.013	ng	99
32) Benzoic acid	9.40	122	31158	9.749	ng	92
33) 4-Chloroaniline	9.73	127	134581	16.030	ng	96
34) Hexachlorobutadiene	9.79	225	99783	35.230	ng	96
35) Caprolactam	10.40	113	7949	4.717	ng	# 27
36) 4-Chloro-3-methylphenol	10.58	107	204762	34.847	ng	88
37) 2-Methylnaphthalene	10.70	142	552540	43.332	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	201750	42.109	ng	99
40) Hexachlorocyclopentadiene	10.96	237	85249	85.797	ng	97

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Quant Time: Aug 14 10:41:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	127680	40.448	nq	98
43) 2,4,5-Trichlorophenol	11.29	196	117414	39.381	nq	97
45) 1,1'-Biphenyl	11.47	154	570904	39.328	nq	97
46) 2-Chloronaphthalene	11.49	162	425044	38.135	nq #	92
47) 2-Nitroaniline	11.70	65	175323	40.155	nq	94
48) Acenaphthylene	12.14	152	723463	40.830	nq	99
49) Dimethylphthalate	12.03	163	569685	43.688	nq	99
50) 2,6-Dinitrotoluene	12.12	165	111660	41.466	nq #	65
51) Acenaphthene	12.43	154	413099	38.902	nq	98
52) 3-Nitroaniline	12.38	138	61788	17.525	nq #	90
53) 2,4-Dinitrophenol	12.60	184	93135	83.900	nq #	68
54) Dibenzofuran	12.71	168	663154	44.609	nq	97
55) 4-Nitrophenol	12.87	139	30687m	22.854	nq	
56) 2,4-Dinitrotoluene	12.78	165	157054	43.698	nq #	70
57) Fluorene	13.26	166	519577	42.499	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	86154	42.076	nq #	90
59) Diethylphthalate	13.17	149	541154	43.938	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	226575	43.411	nq	97
61) 4-Nitroaniline	13.38	138	64518	19.183	nq	92
62) Azobenzene	13.55	77	563595	45.996	nq	92
64) 4,6-Dinitro-2-methylphenol	13.46	198	67175	43.514	nq	91
65) n-Nitrosodiphenylamine	13.50	169	430680	46.051	nq	98
66) 4-Bromophenyl-phenylether	14.08	248	122550	46.676	nq	97
67) Hexachlorobenzene	14.16	284	128180	44.818	nq #	84
68) Atrazine	14.47	200	77261	32.926	nq	93
69) Pentachlorophenol	14.53	266	59224	123.135	nq	99
70) Phenanthrene	14.81	178	612826	42.044	nq	99
71) Anthracene	14.90	178	618233	41.455	nq	99
72) Carbazole	15.19	167	523624	36.882	nq	99
73) Di-n-butylphthalate	15.77	149	715565	43.060	nq	99
74) Fluoranthene	16.57	202	504980	38.340	nq	98
77) Pyrene	16.88	202	503562	36.819	nq	100
79) Butylbenzylphthalate	17.80	149	256646	44.887	nq #	75
80) Benzo(a)anthracene	18.47	228	412103	42.664	nq	98
82) Chrysene	18.51	228	403395	41.987	nq	99
83) Bis(2-ethylhexyl)phthalate	18.55	149	364176	44.782	nq	99
84) Di-n-octyl phthalate	19.32	149	649863	45.759	nq #	89
85) Indeno(1,2,3-cd)pyrene	21.37	276	489937	65.566	nq	98
87) Benzo(b)fluoranthene	19.74	252	450531	41.779	nq	97
88) Benzo(k)fluoranthene	19.77	252	394579	36.330	nq	96
89) Benzo(a)pyrene	20.09	252	419013	42.333	nq	98
90) Dibenzo(a,h)anthracene	21.38	278	403343	56.914	nq	97
91) Benzo(g,h,i)perylene	21.72	276	437499	56.274	nq	98

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

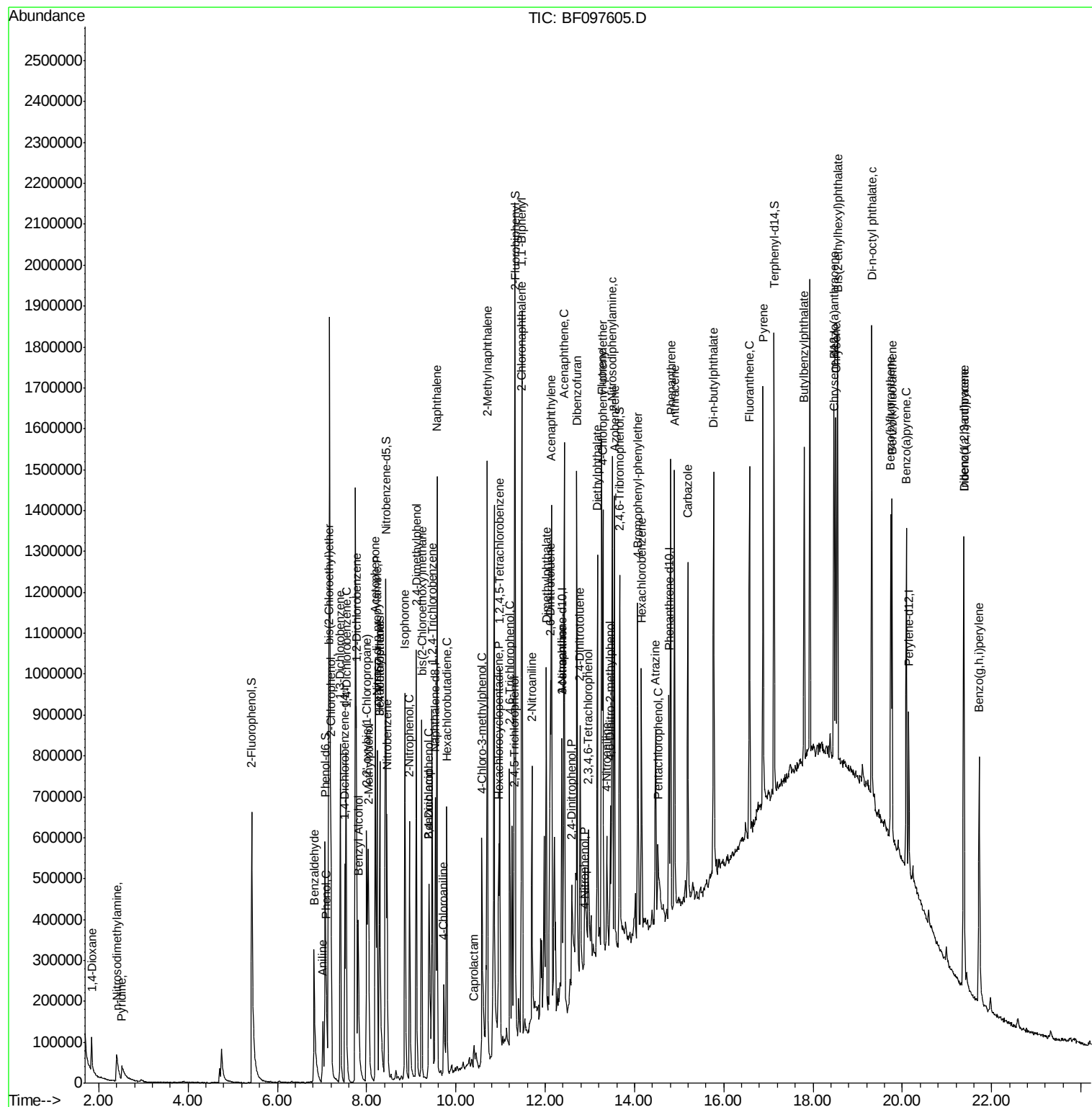
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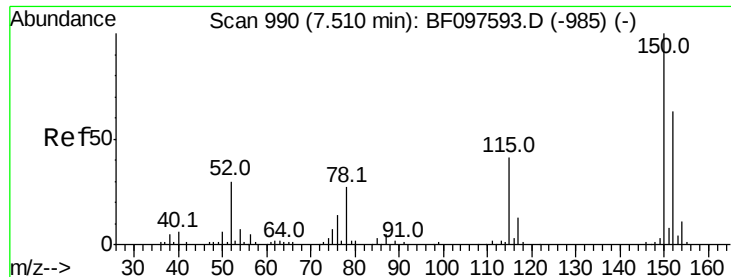
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#1

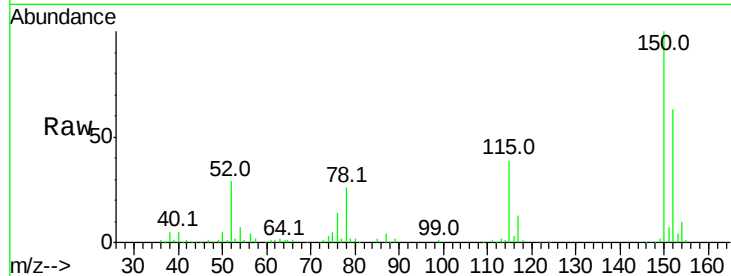
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

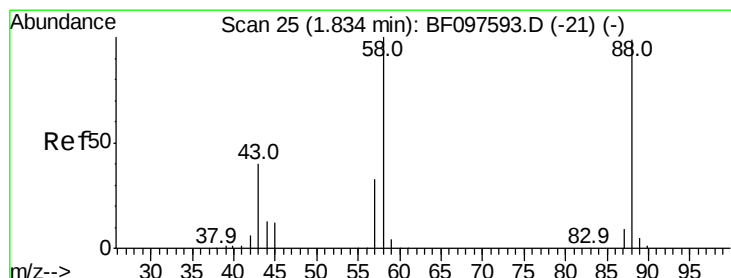
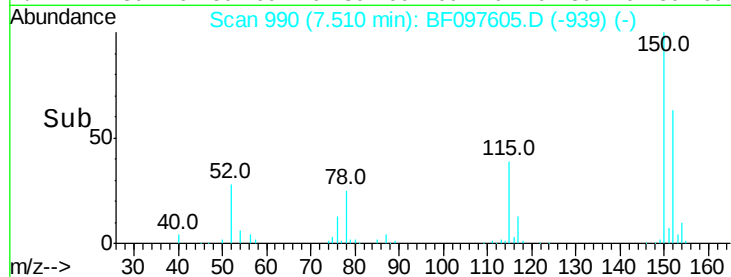
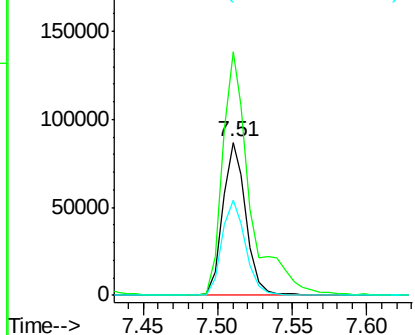
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	61.7	52.2	78.2

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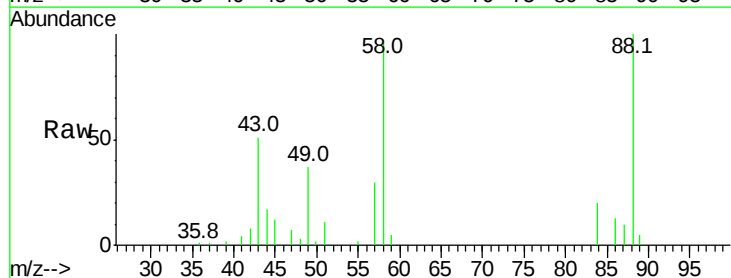
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



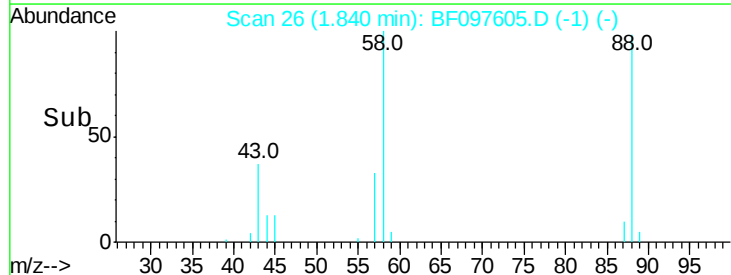
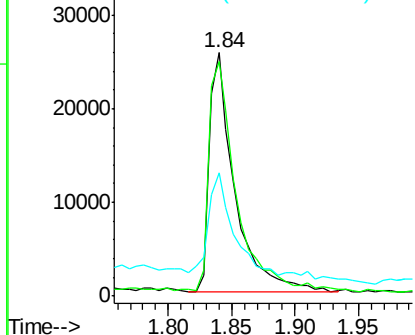
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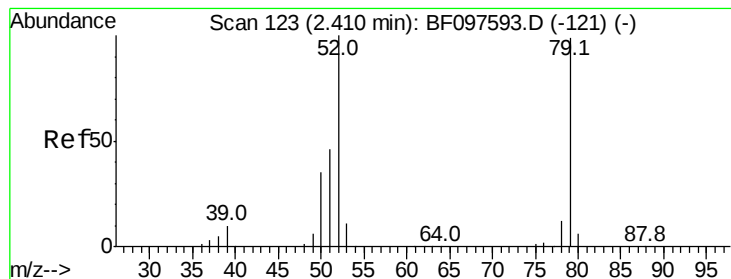
1,4-Dioxane
Concen: 13.896 ng
RT: 1.84 min Scan# 26
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.5	61.4	92.0#
43	38.1	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: 6.102 ng

RT: 2.51 min Scan# 140

Delta R.T. 0.10 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

ClientSampleId :

VE-4-11MSD

Tot Ion: 79 Resp: 45971

Ion Ratio Lower Upper

79 100

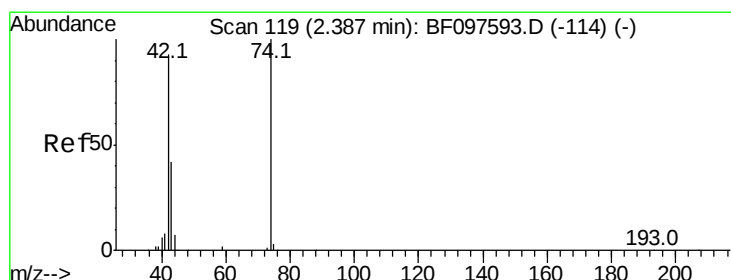
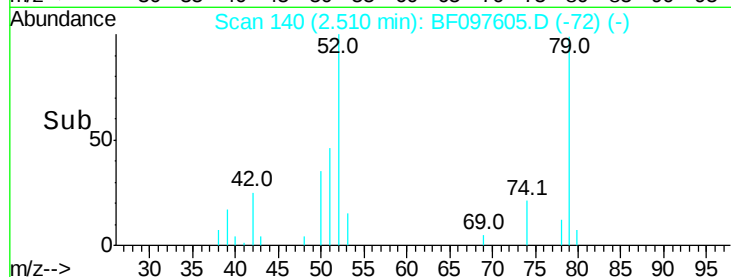
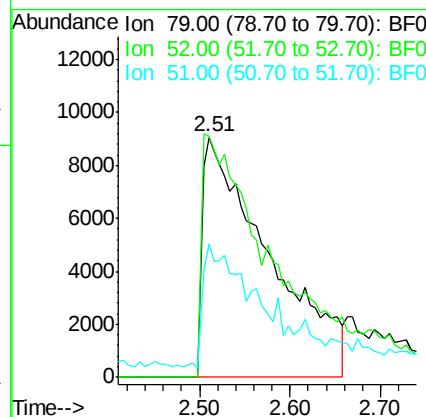
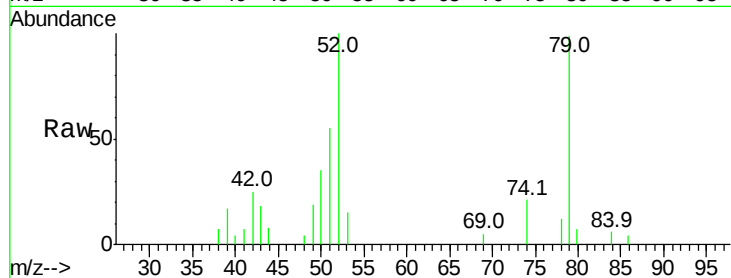
52 100.5 54.8 82.2#

51 55.6 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 13.267 ng

RT: 2.40 min Scan# 121

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

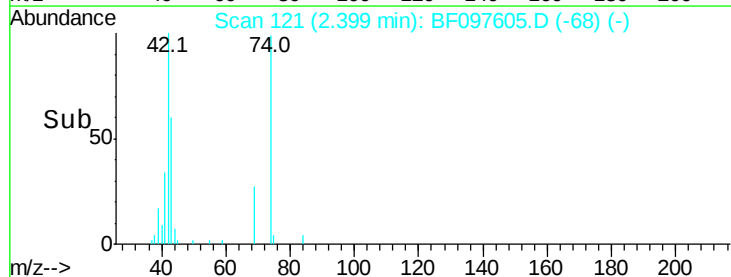
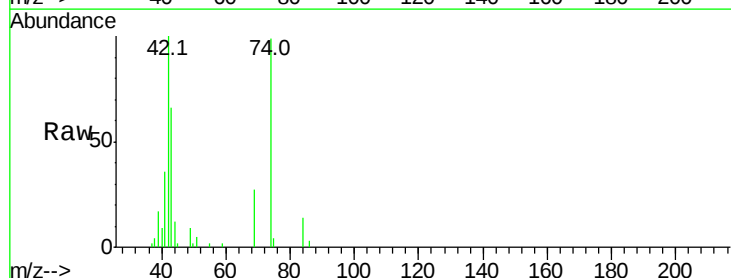
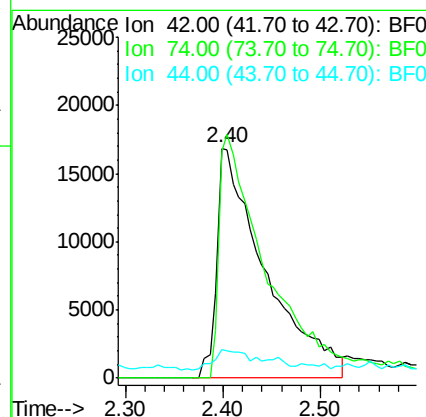
Tgt Ion: 42 Resp: 57998

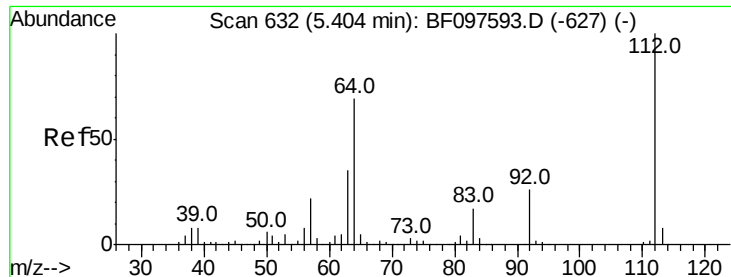
Ion Ratio Lower Upper

42 100

74 98.7 103.9 155.9#

44 12.4 5.7 8.5#





#5

2-Fluorophenol

Concen: 73.096 ng

RT: 5.43 min Scan# 636

Delta R.T. 0.02 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

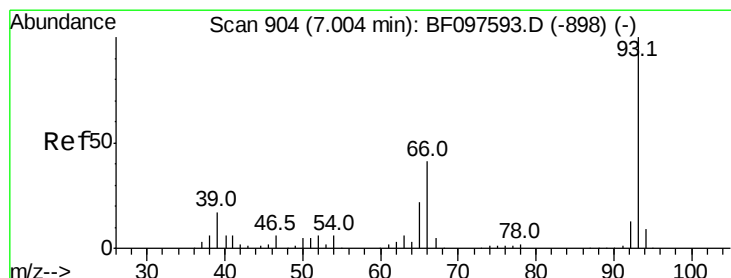
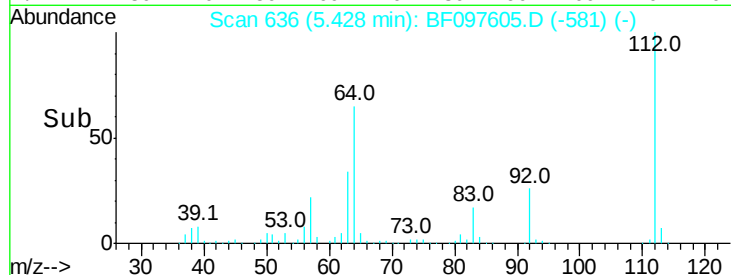
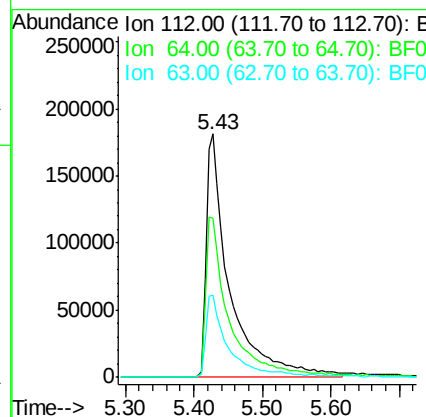
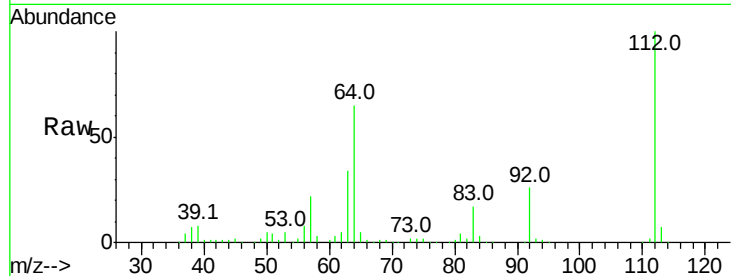
ClientSampleId :

VE-4-11MSD

Tot Ion:	112	Resp:	435100
Ion Ratio	Lower	Upper	
112	100		
64	65.1	46.0	69.0
63	33.6	23.4	35.0

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#6

Aniline

Concen: 9.876 ng

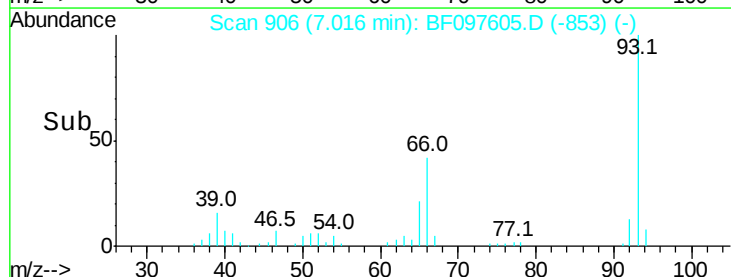
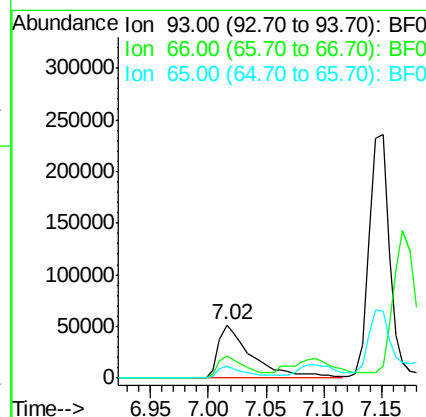
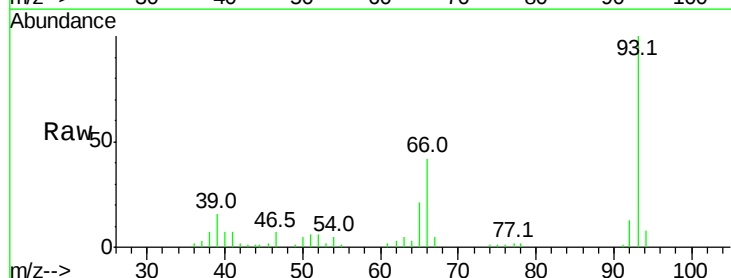
RT: 7.02 min Scan# 906

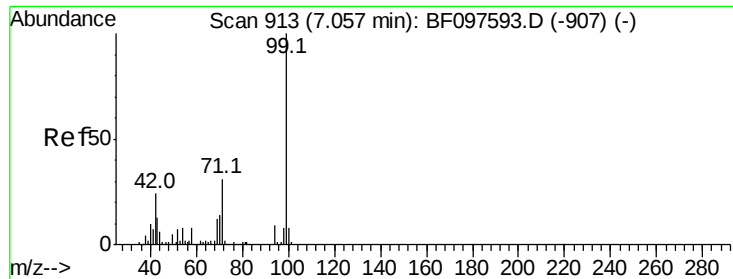
Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	93	Resp:	104804
Ion Ratio	Lower	Upper	
93	100		
66	42.1	32.9	49.3
65	21.4	16.0	24.0





#7

Phenol-d6

Concen: 42.739 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

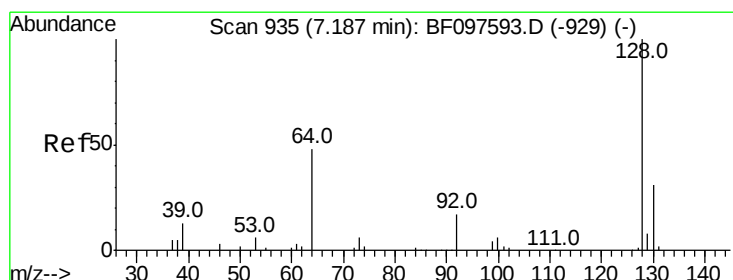
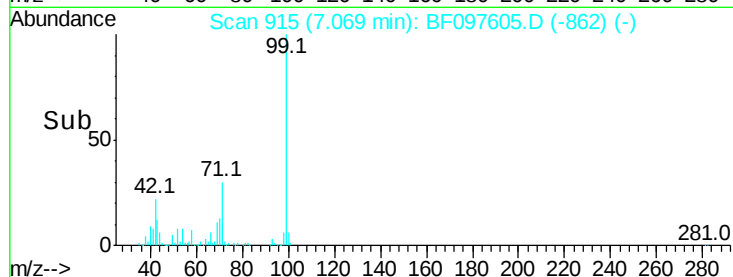
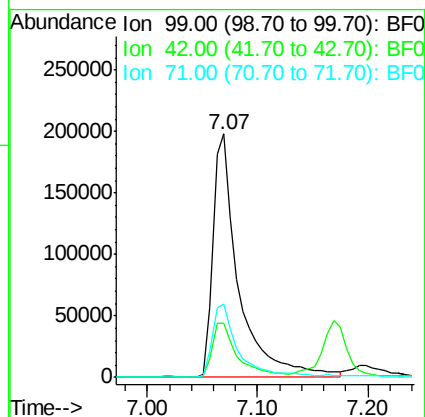
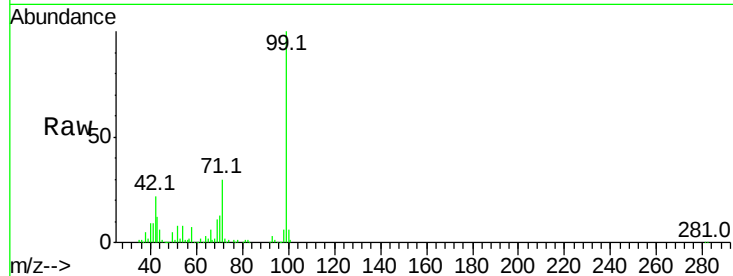
ClientSampleId :

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Tot Ion:	99	Resp:	315590
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	30.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.655 ng

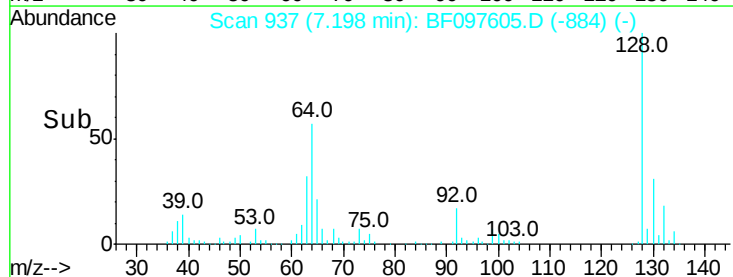
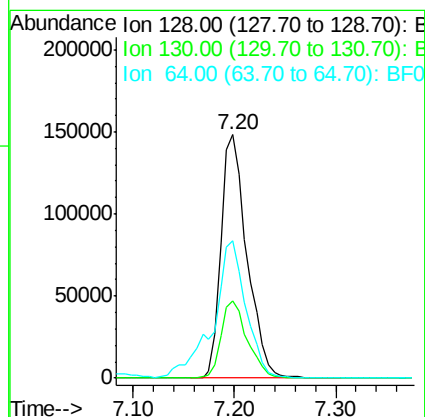
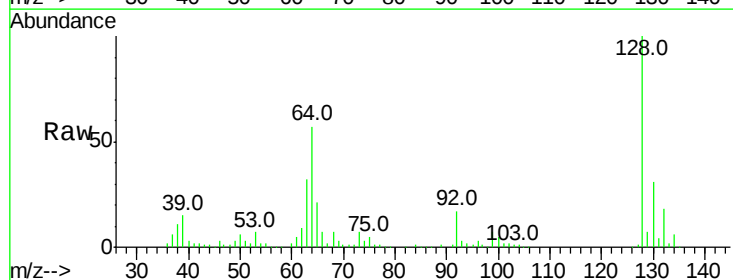
RT: 7.20 min Scan# 937

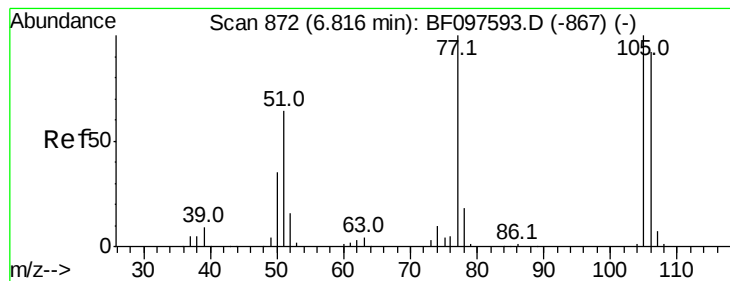
Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	128	Resp:	263767
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	56.6	28.4	68.4





#9

Benzaldehyde

Concen: 28.795 ng

RT: 6.82 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

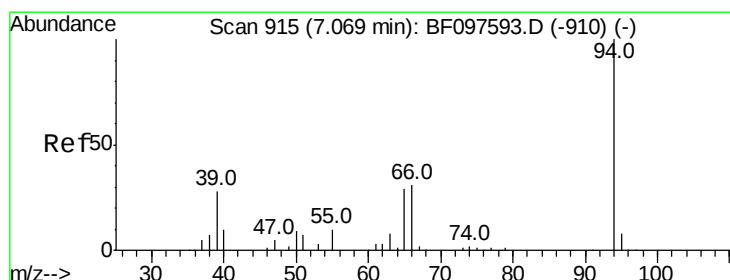
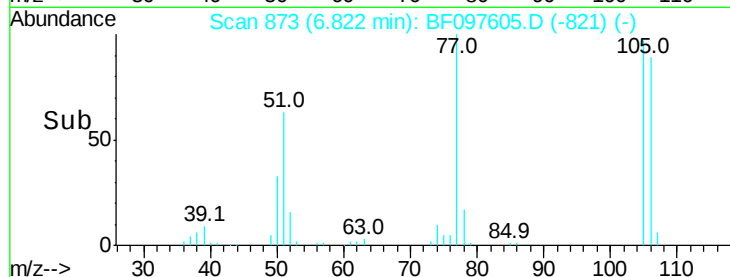
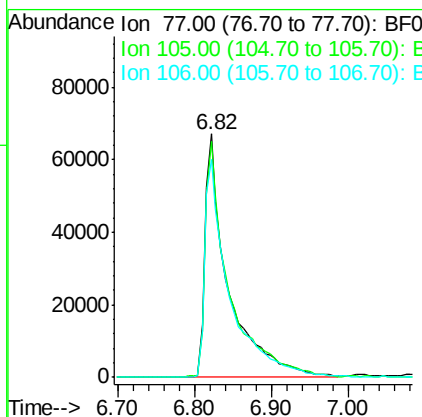
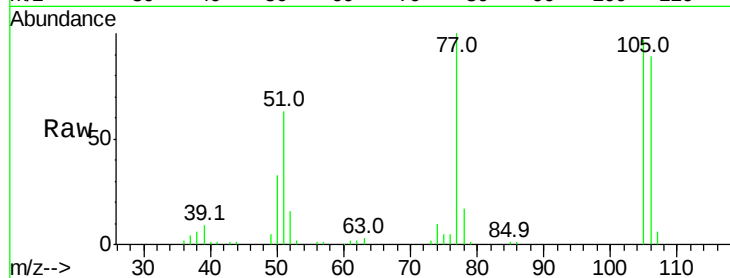
ClientSampleId :

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Tot Ion:	77	Resp:	140202
Ion	Ratio	Lower	Upper
77	100		
105	97.0	83.8	123.8
106	89.3	79.1	119.1

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#10

Phenol

Concen: 12.520 ng

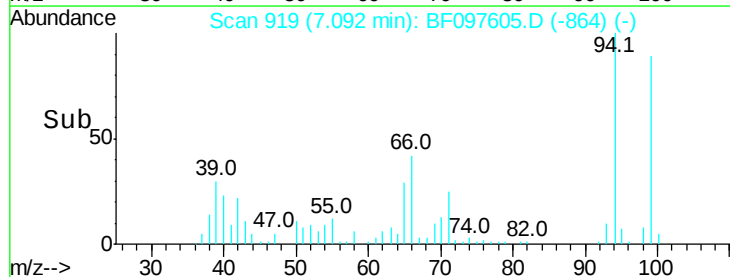
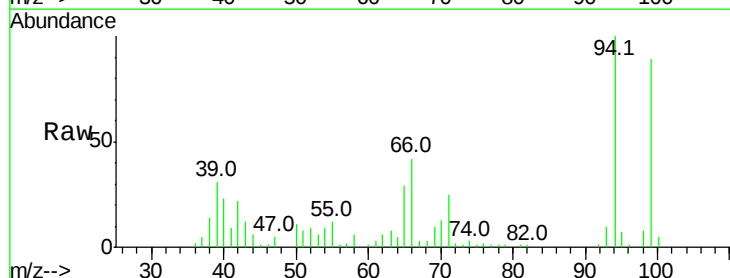
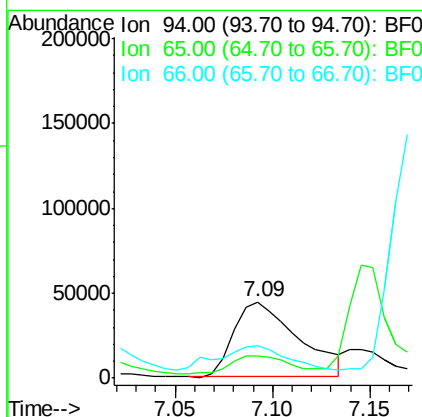
RT: 7.09 min Scan# 919

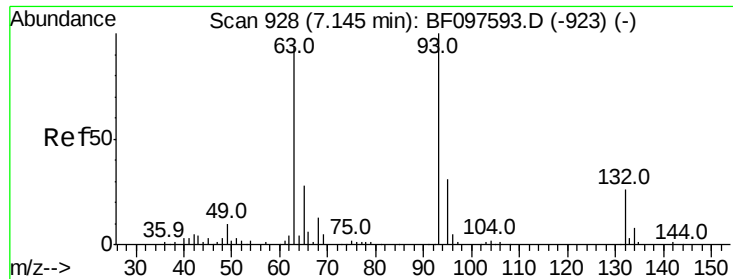
Delta R.T. 0.02 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	94	Resp:	101225
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	42.5	23.1	63.1





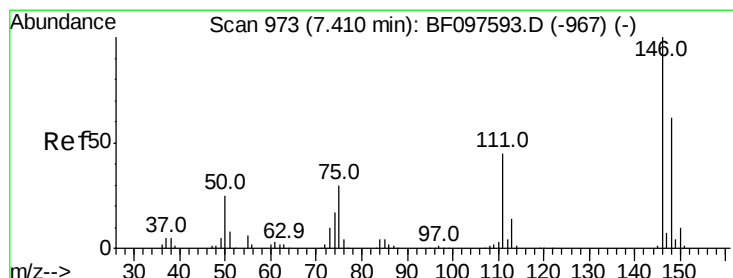
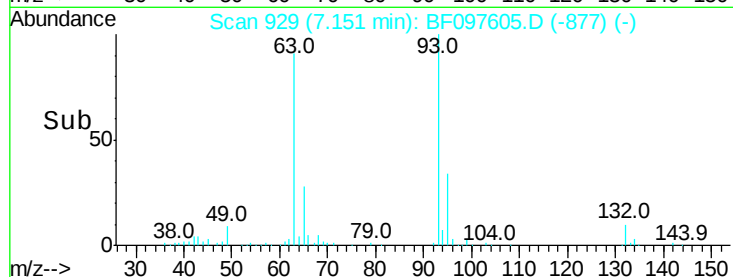
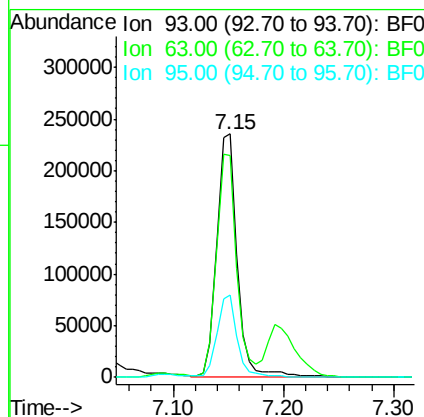
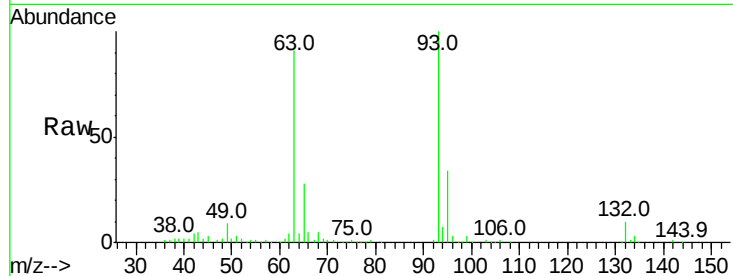
#11
bis(2-Chloroethyl)ether
Concen: 46.167 ng
RT: 7.15 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	299386		
63	91.1	59.2	99.2	
95	33.6	12.8	52.8	

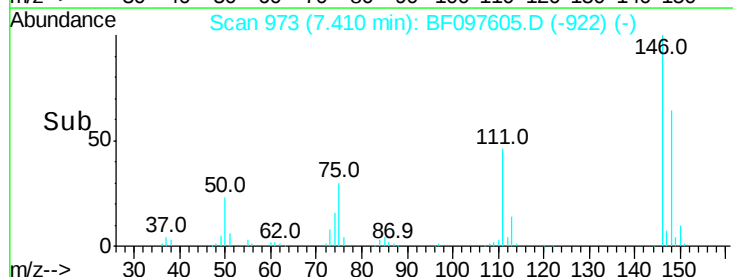
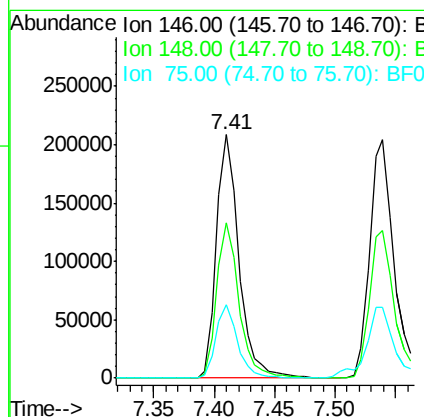
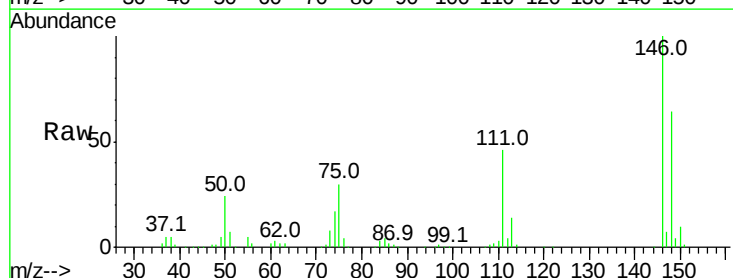
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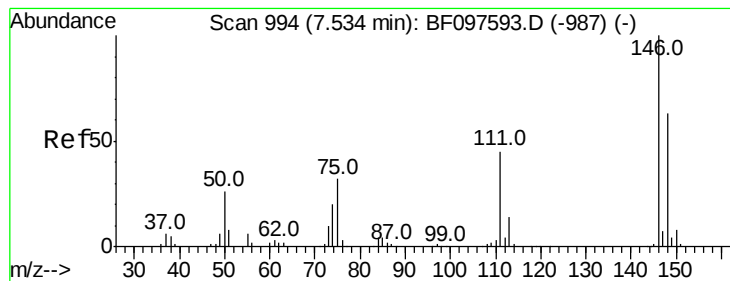
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#12
1,3-Dichlorobenzene
Concen: 35.006 ng
RT: 7.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267511		
148	64.0	51.8	77.6	
75	30.4	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 38.015 ng

RT: 7.54 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

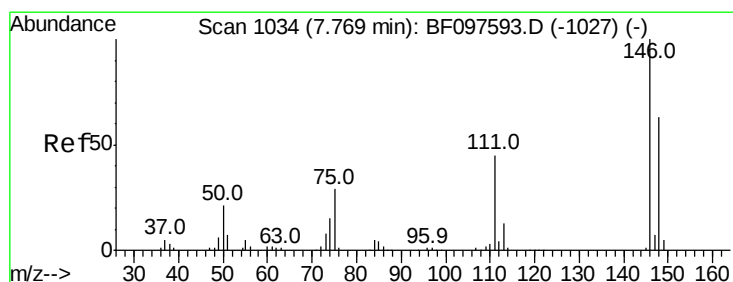
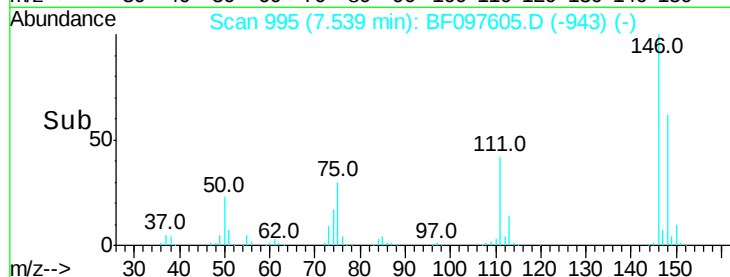
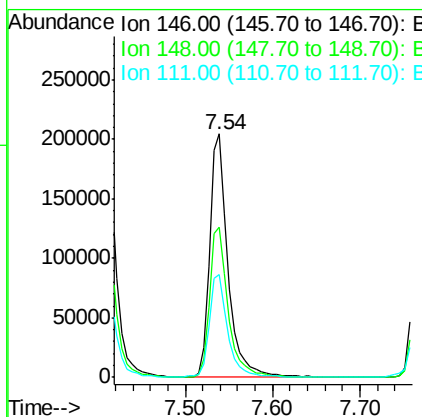
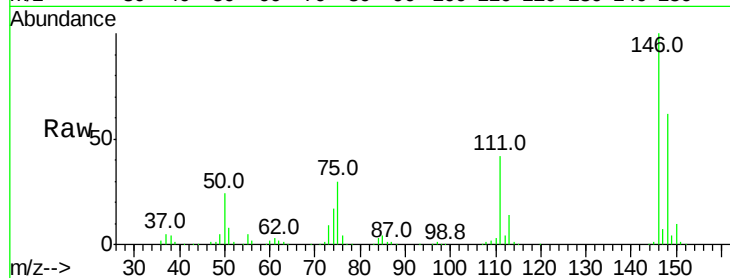
ClientSampled :

VE-4-11MSD

Tot Ion:	146	Resp:	295694
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.2	78.2
111	42.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 39.798 ng

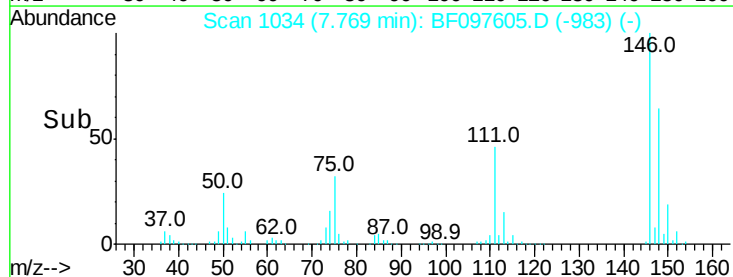
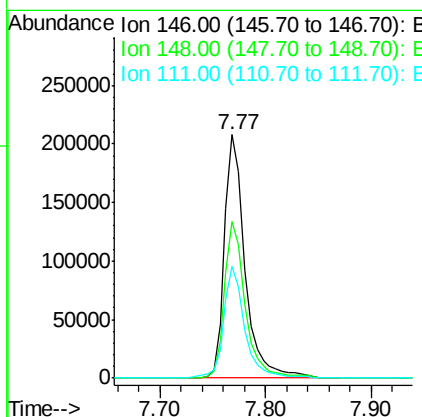
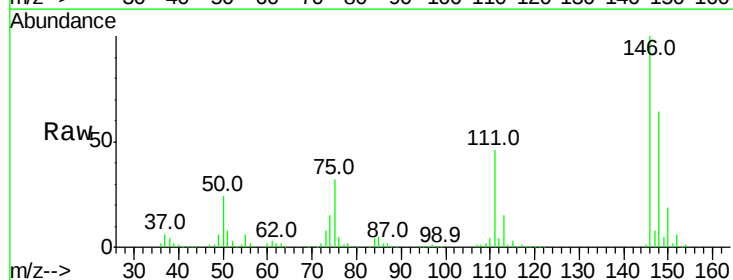
RT: 7.77 min Scan# 1034

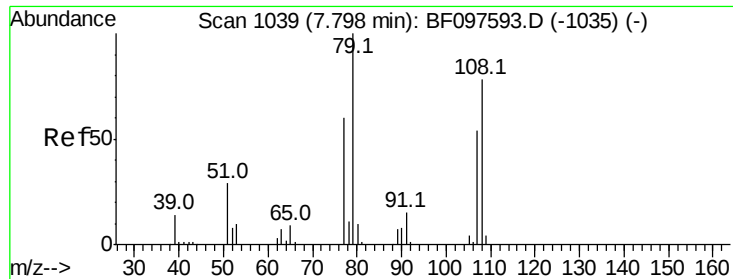
Delta R.T. -0.00 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	146	Resp:	282502
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	45.9	38.2	57.4





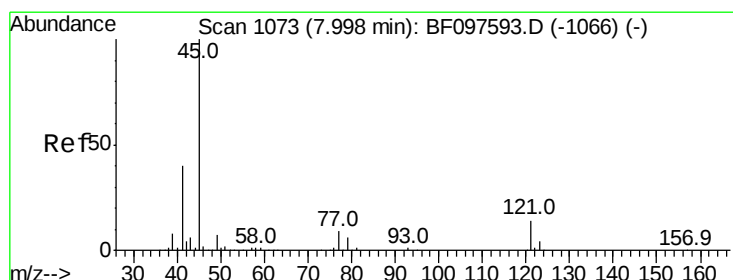
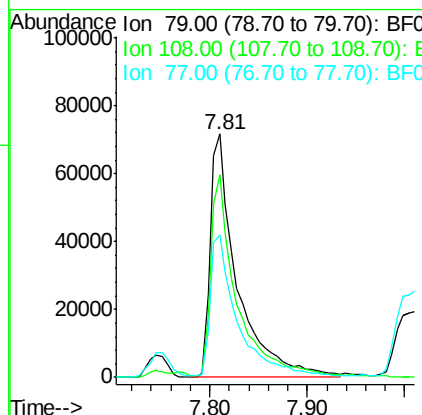
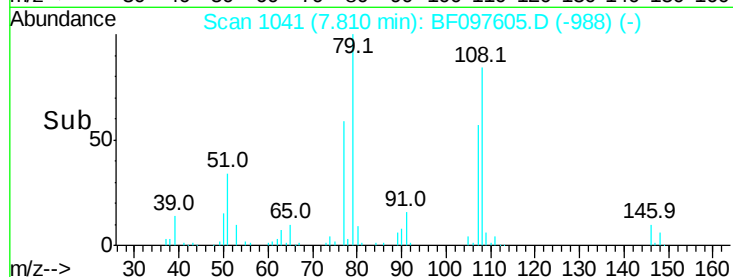
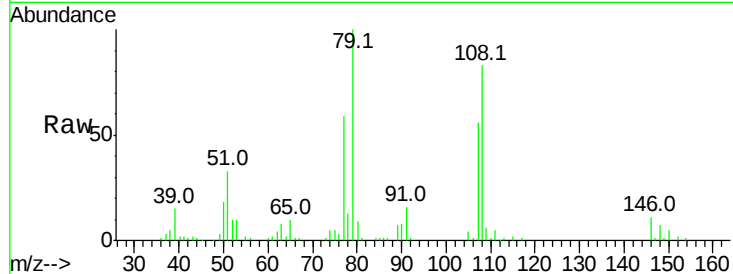
#15
Benzyl Alcohol
Concen: 26.805 ng
RT: 7.81 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	136770		
108	83.1	63.4	95.0	
77	58.7	49.2	73.8	

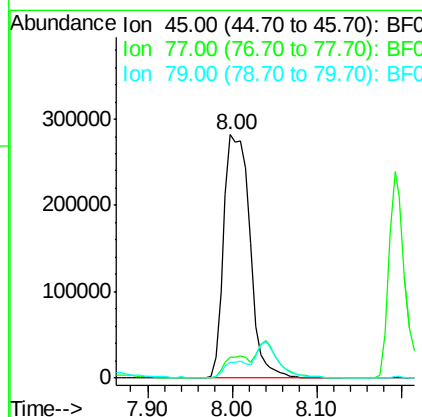
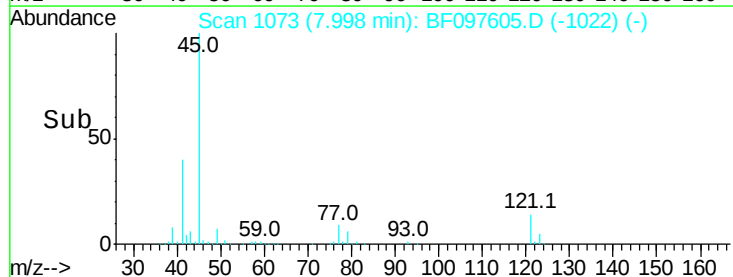
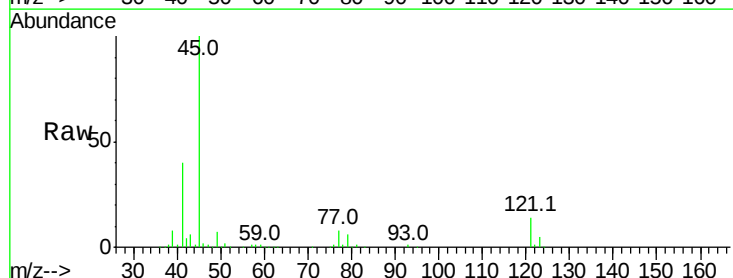
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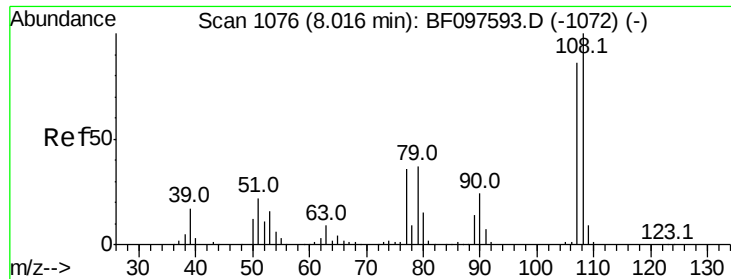
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.634 ng
RT: 8.00 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	606168		
77	8.5	0.0	33.2	
79	6.4	0.0	30.0	





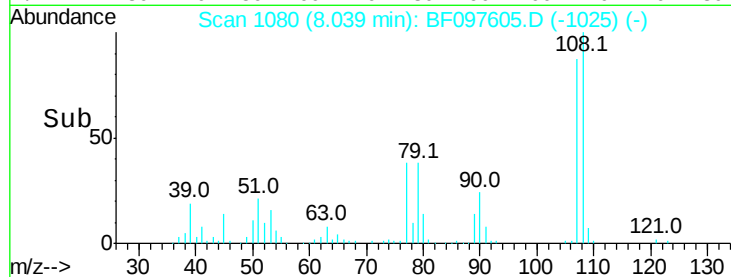
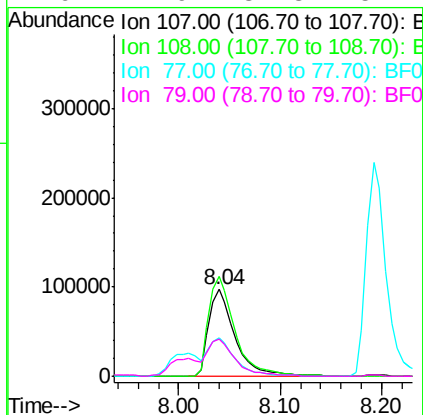
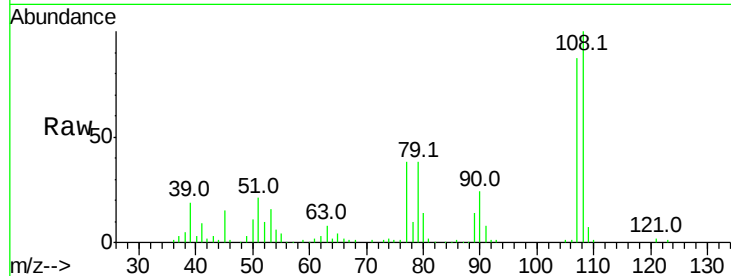
#17
2-Methylphenol
Concen: 33.332 ng
RT: 8.04 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	93.4	140.0	
77	43.9	35.8	53.6	
79	42.9	34.8	52.2	

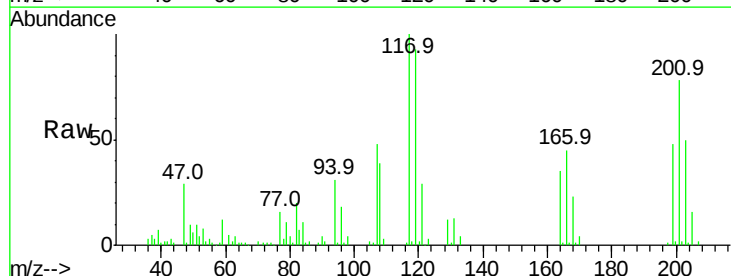
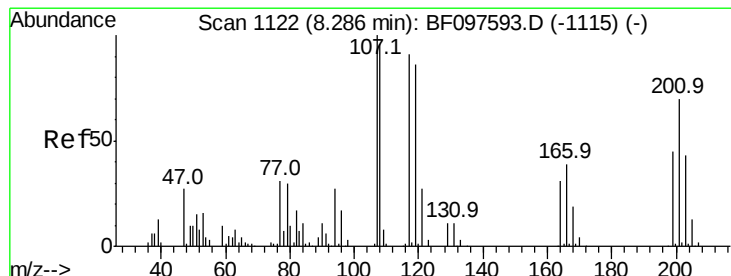
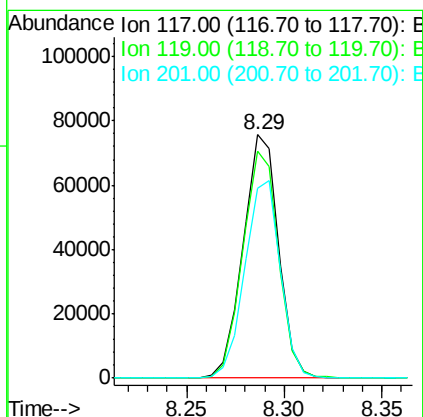
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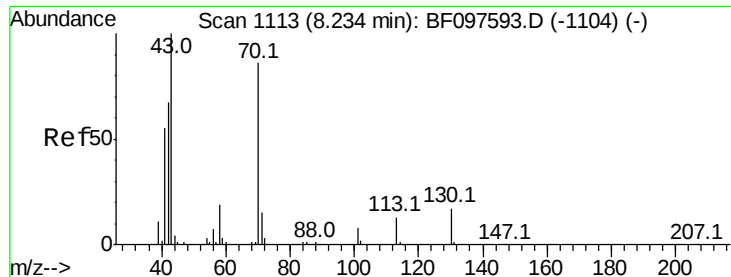
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#18
Hexachloroethane
Concen: 35.641 ng
RT: 8.29 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	77.4	116.0	
201	78.0	94.6	141.8#	





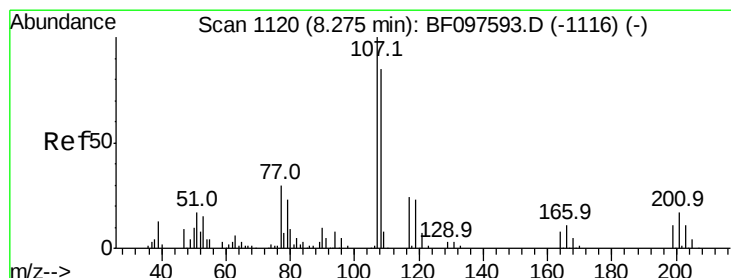
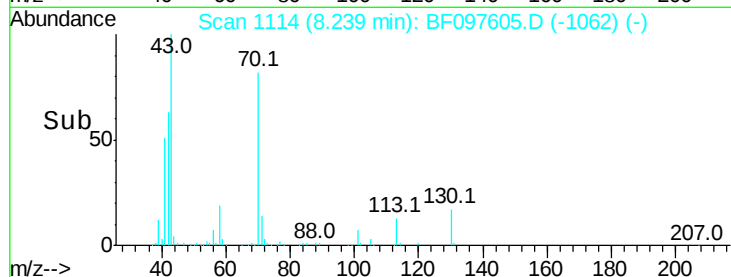
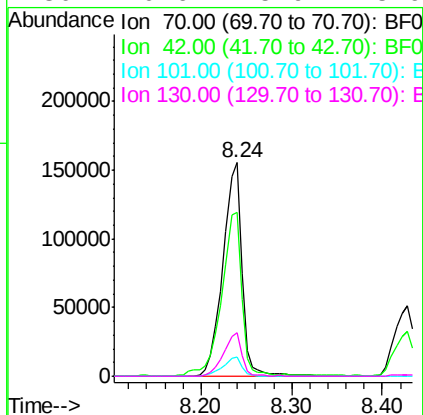
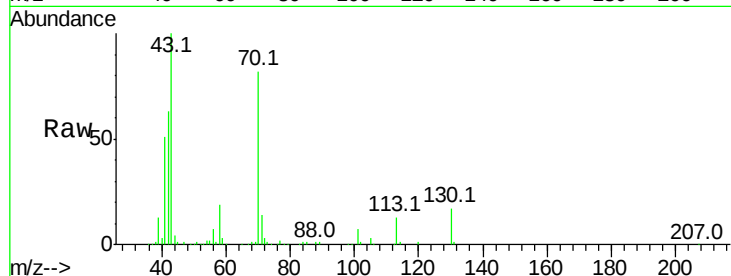
#19
n-Nitroso-di-n-propylamine
Concen: 44.243 ng
RT: 8.24 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.0	47.2	70.8#
101	9.0	7.2	10.8
130	20.6	15.9	23.9

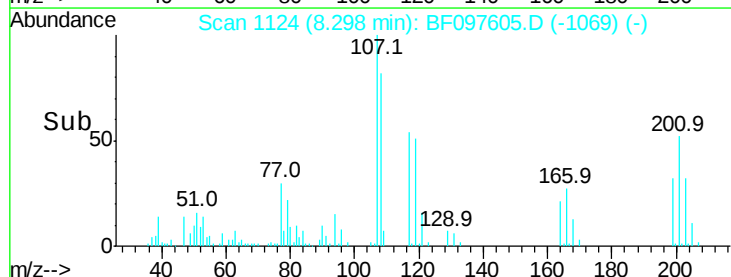
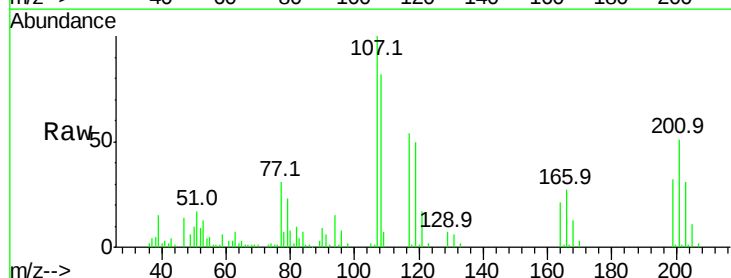
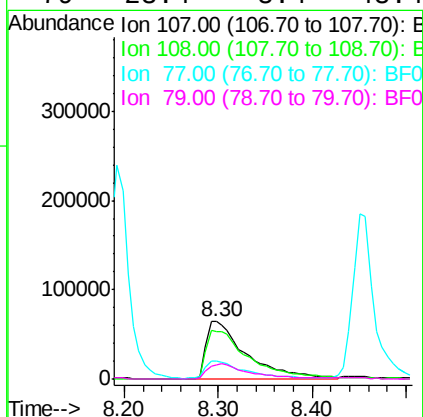
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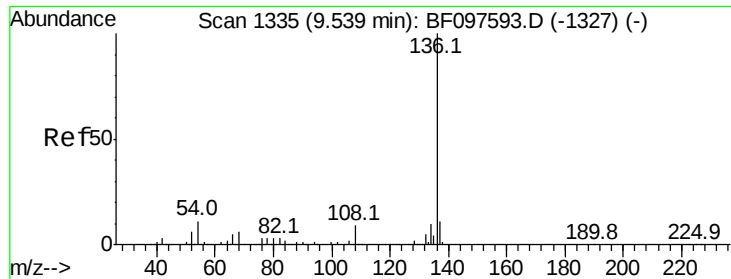
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#20
3+4-Methylphenols
Concen: 29.887 ng
RT: 8.30 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.3	71.0	111.0
77	30.7	90.5	130.5#
79	23.4	8.4	48.4





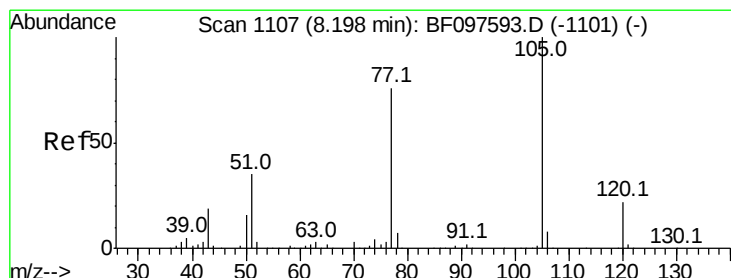
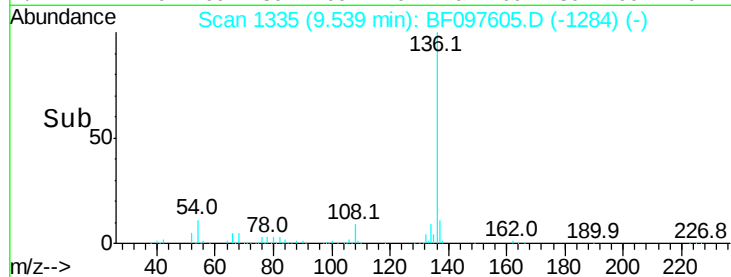
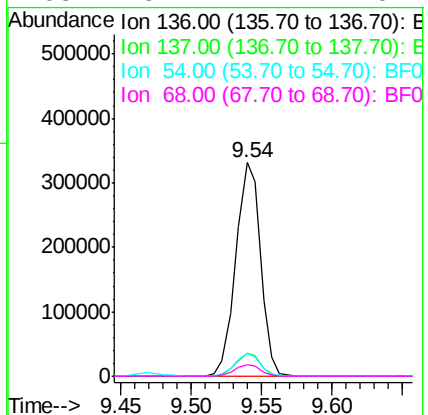
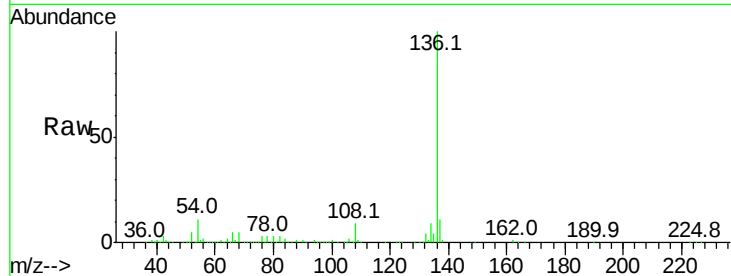
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.6	4.9	7.3	
68	5.4	4.1	6.1	

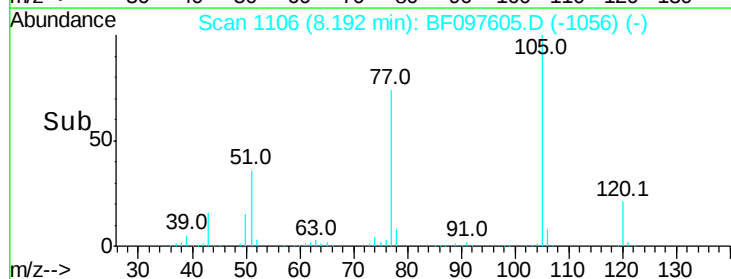
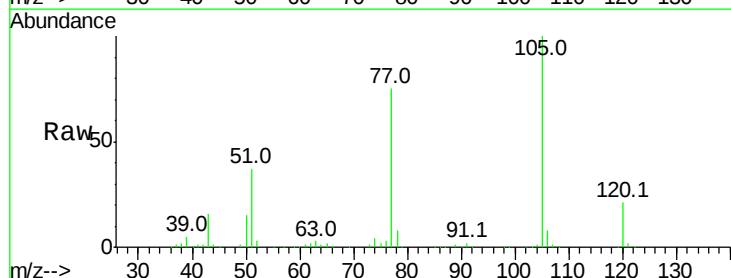
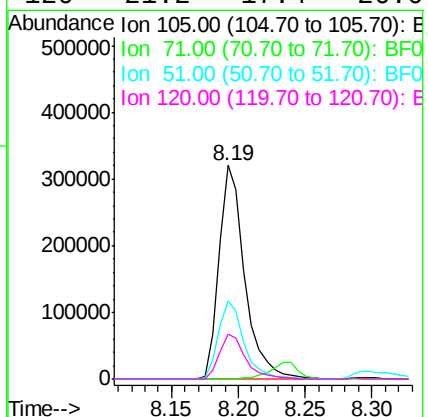
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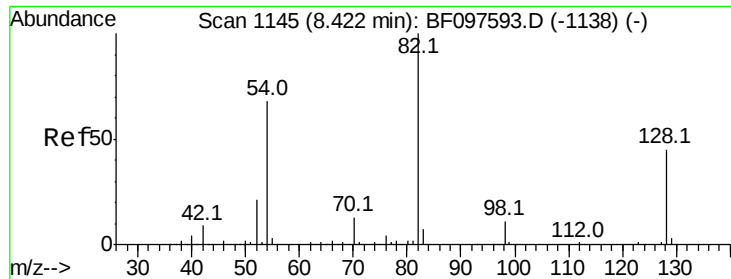
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#22
Acetophenone
Concen: 45.578 ng
RT: 8.19 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2	
51	36.7	30.7	46.1	
120	21.2	17.4	26.0	





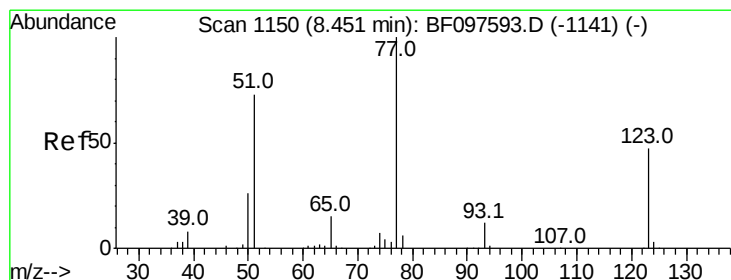
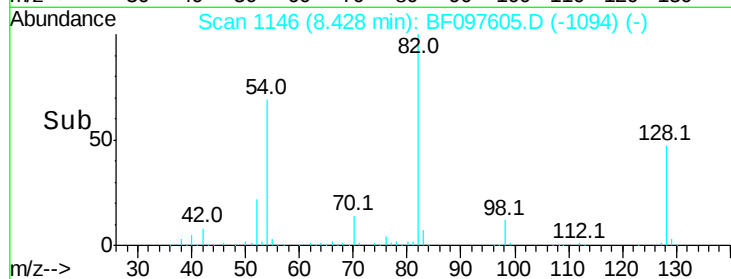
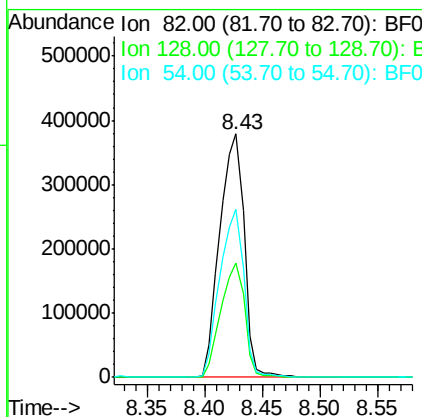
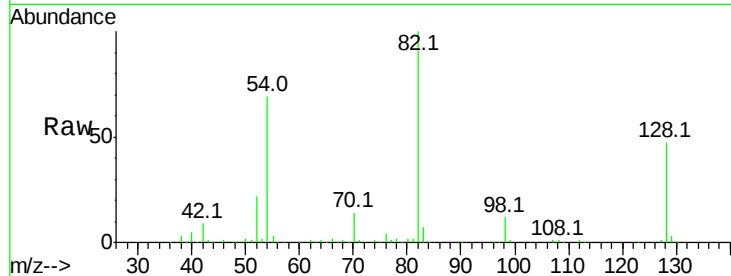
#23
 Nitrobenzene-d5
 Concen: 86.532 ng
 RT: 8.43 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	69.1	42.2	63.2

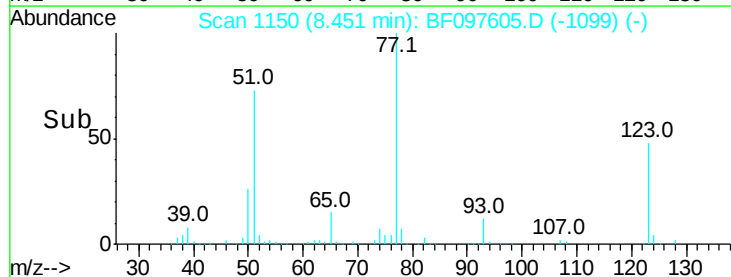
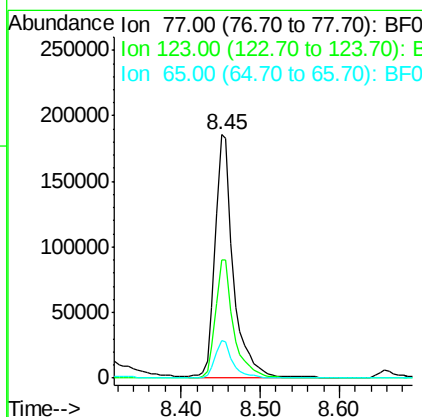
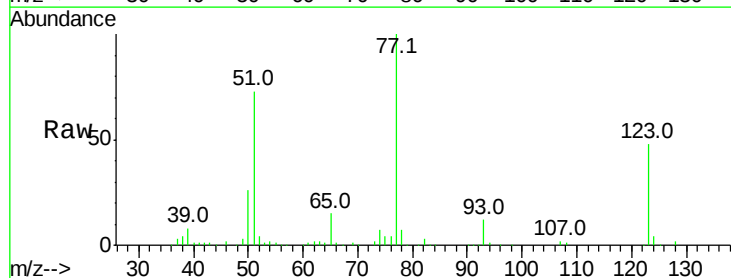
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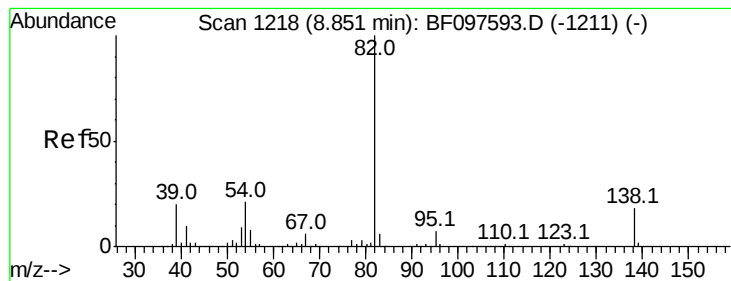
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#24
 Nitrobenzene
 Concen: 41.702 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	35.8	53.8
65	15.2	10.6	15.8





#25

Isophorone

Concen: 50.006 ng

RT: 8.86 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

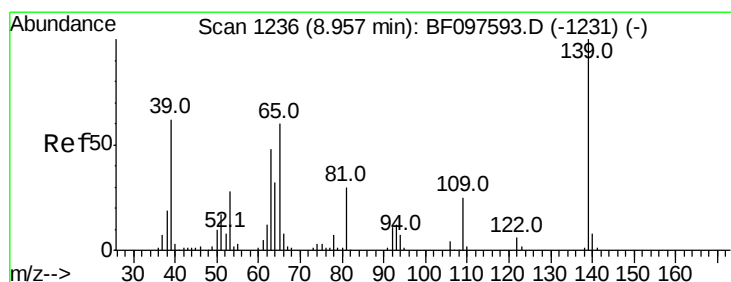
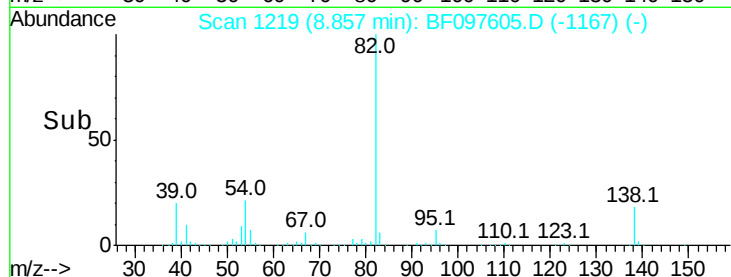
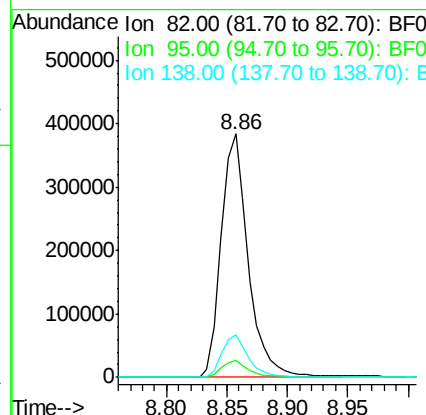
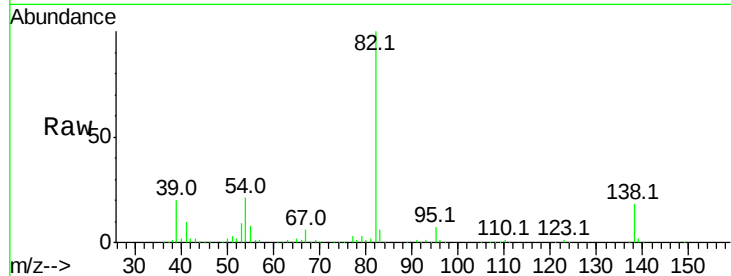
ClientSampled :

VE-4-11MSD

Tot Ion:	82	Resp:	594387
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	17.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.182 ng

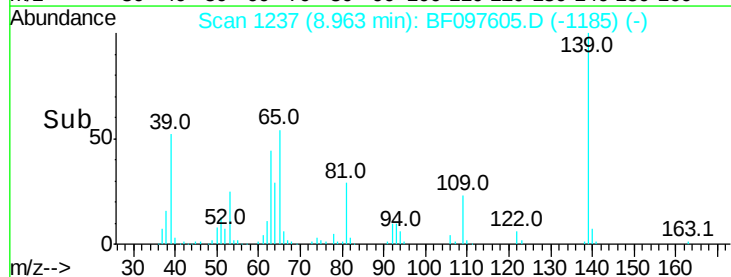
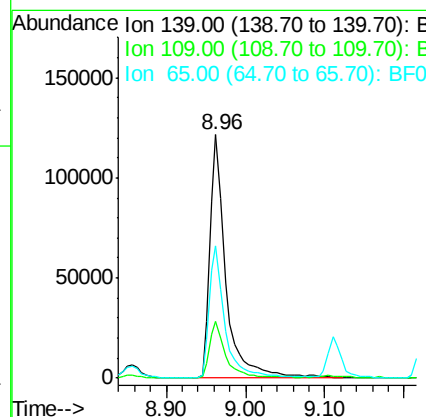
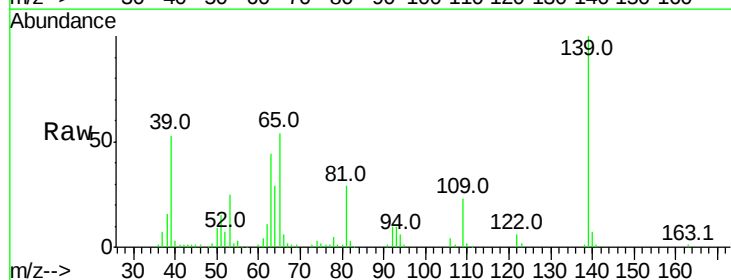
RT: 8.96 min Scan# 1237

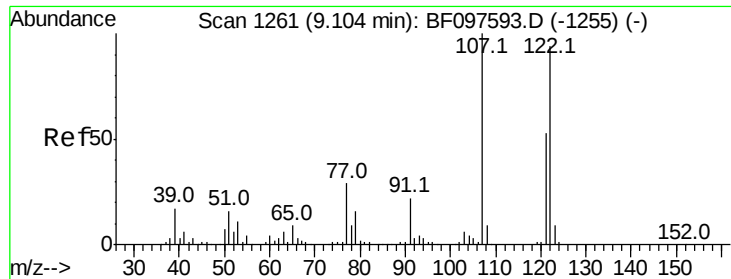
Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	139	Resp:	171369
Ion Ratio	Lower	Upper	
139	100		
109	23.2	21.0	31.6
65	54.1	33.0	49.6#





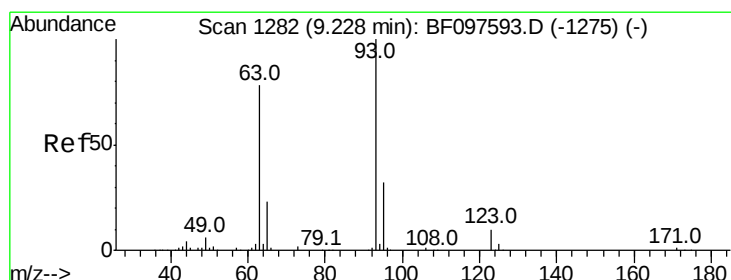
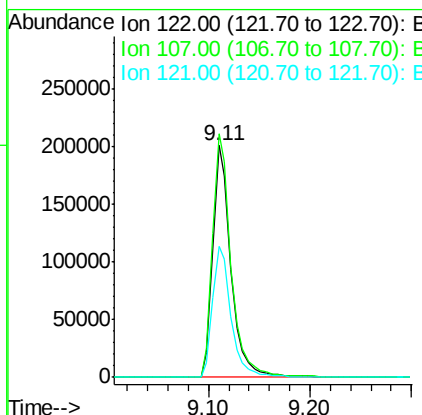
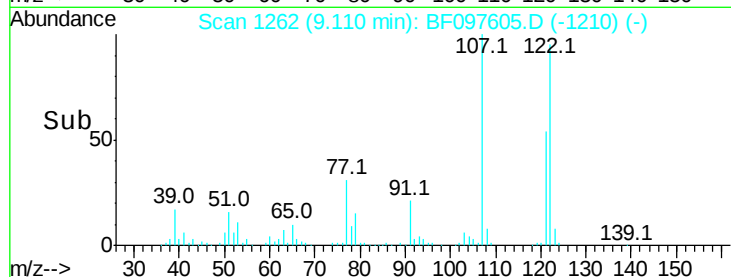
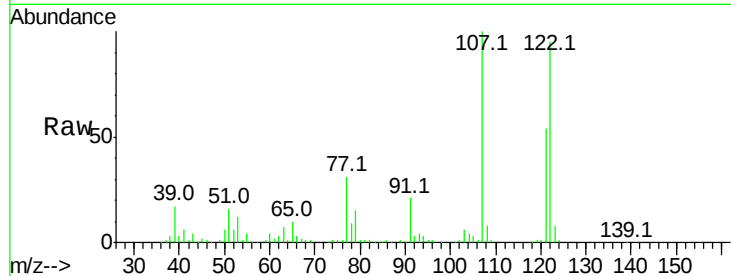
#27
 2,4-Dimethylphenol
 Concen: 42.295 ng
 RT: 9.11 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.2	89.2	133.8
121	56.8	45.2	67.8

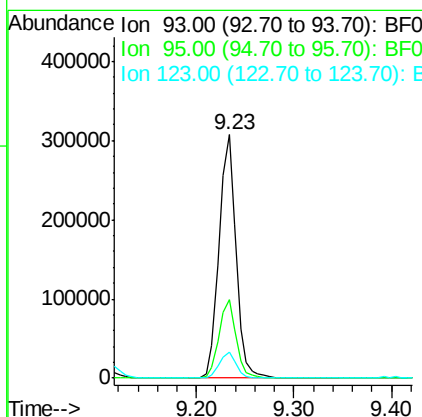
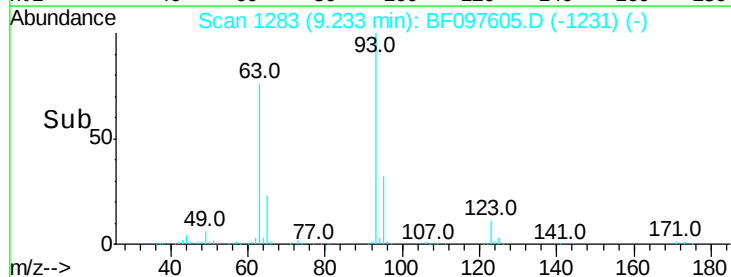
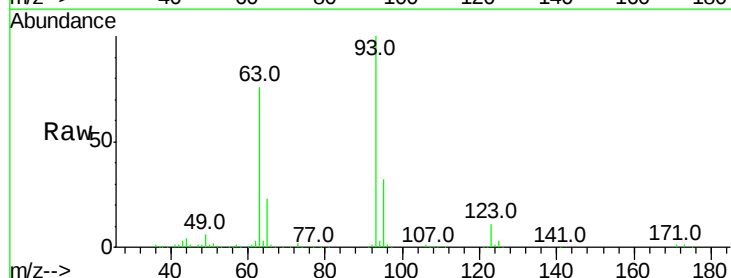
Manual Integrations
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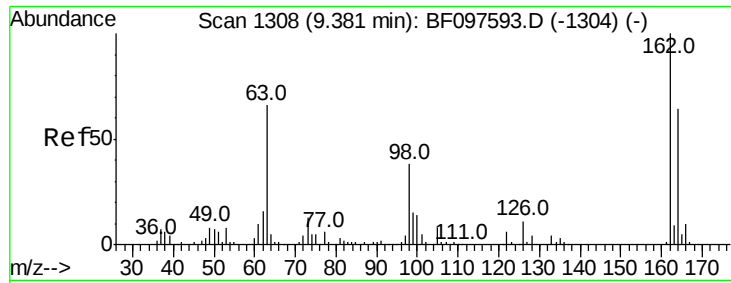
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.431 ng
 RT: 9.23 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.6	9.0	13.4





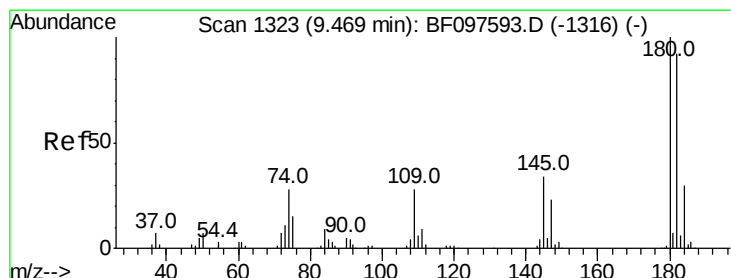
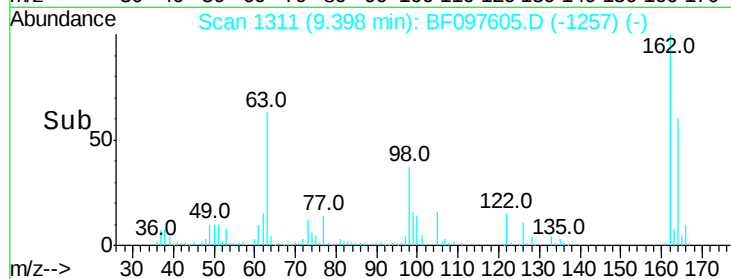
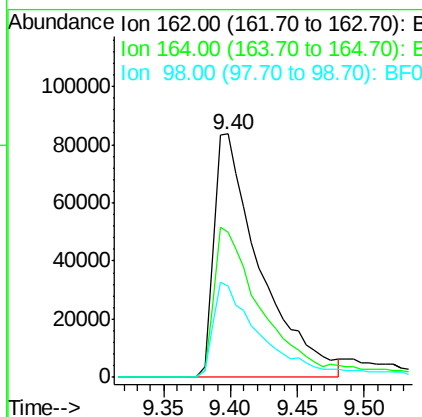
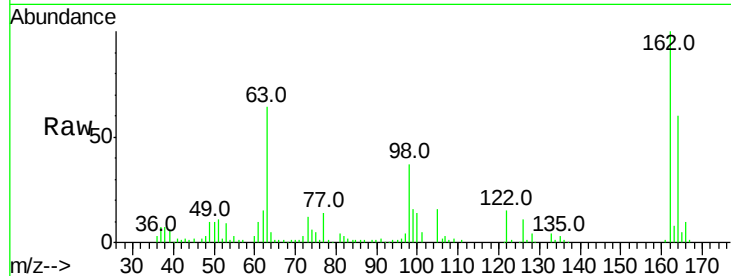
#29
 2,4-Dichlorophenol
 Concen: 38.762 ng
 RT: 9.40 min Scan# 1311
 Delta R.T. 0.02 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	202718		
164	59.7	44.6	84.6	
98	37.5	14.8	54.8	

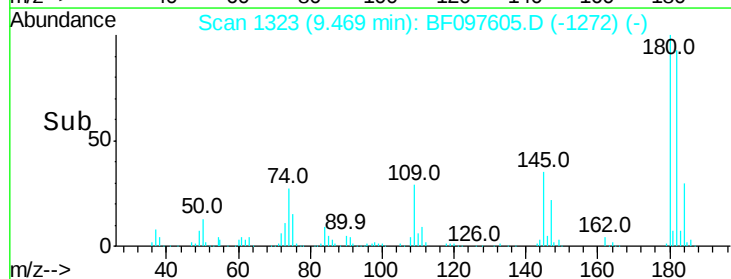
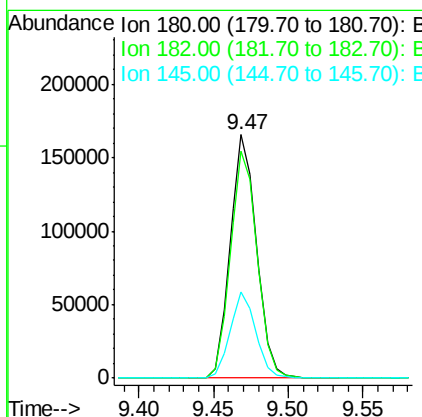
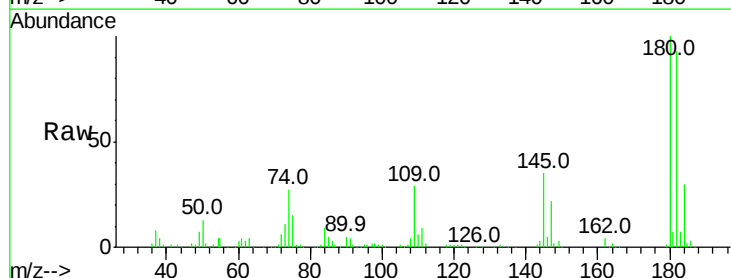
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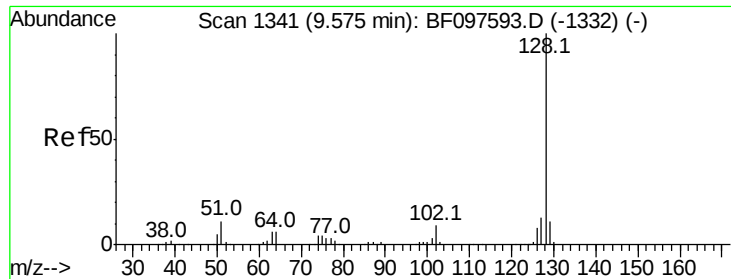
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.514 ng
 RT: 9.47 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204880		
182	93.1	75.8	113.6	
145	35.3	25.3	37.9	





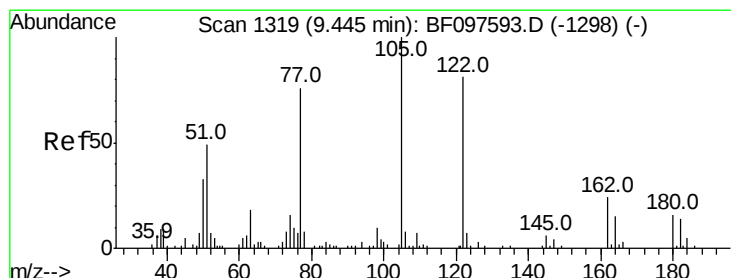
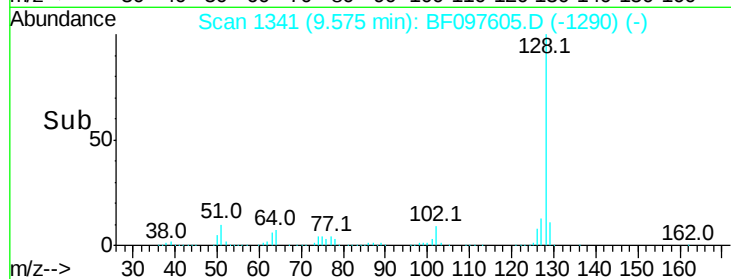
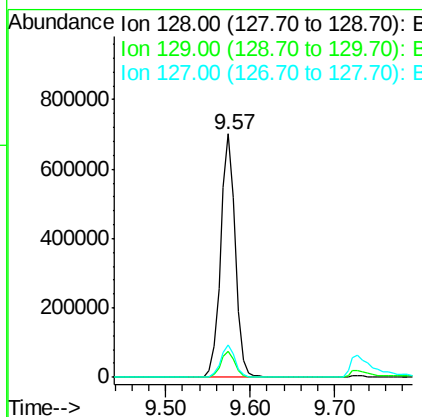
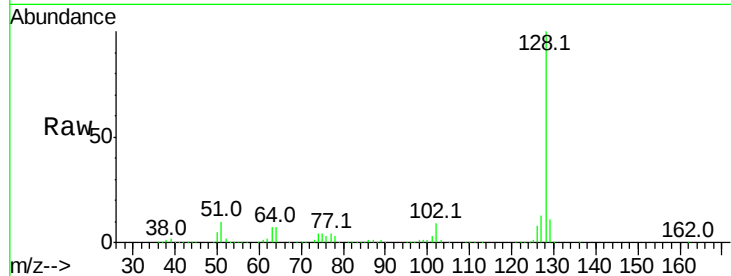
#31
Naphthalene
Concen: 42.013 ng
RT: 9.57 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

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

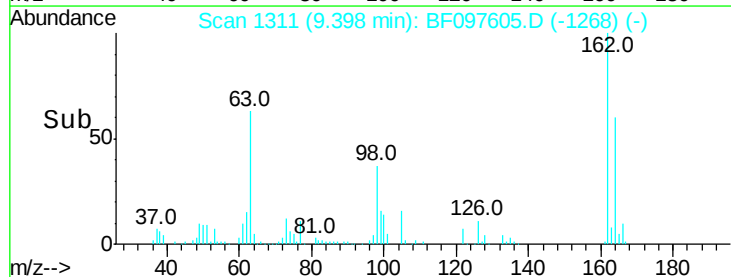
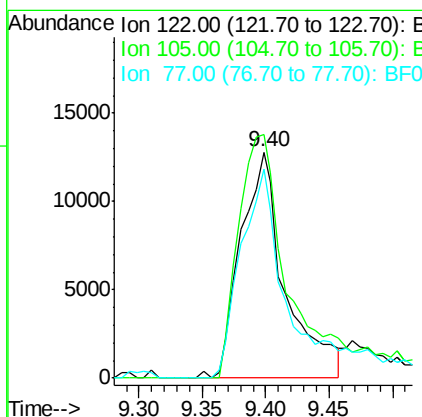
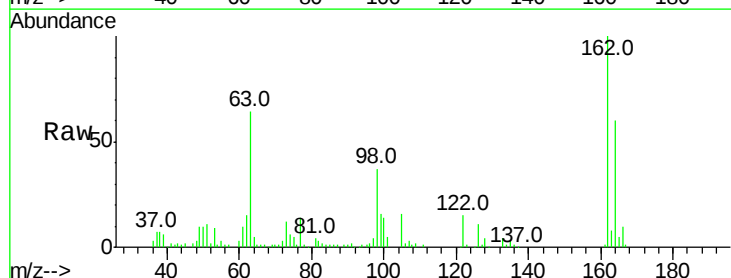
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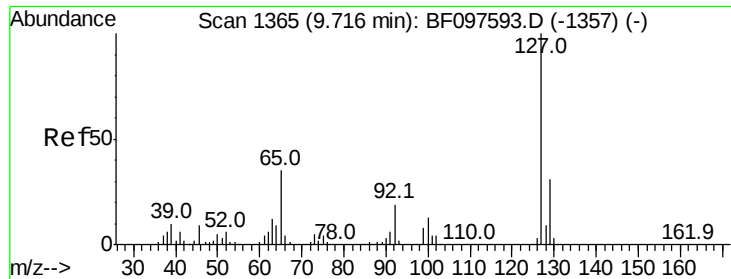
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#32
Benzoic acid
Concen: 9.749 ng
RT: 9.40 min Scan# 1311
Delta R.T. -0.05 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	107.7	103.3	143.3	
77	92.6	73.7	113.7	





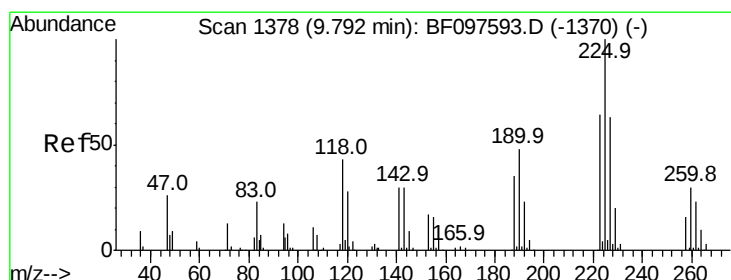
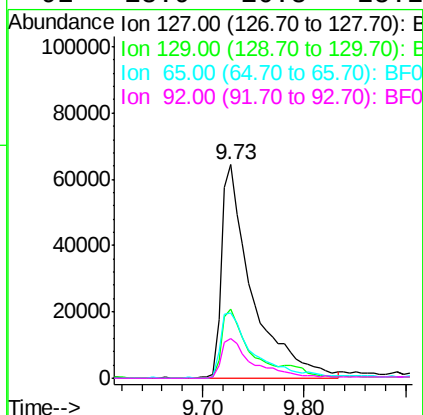
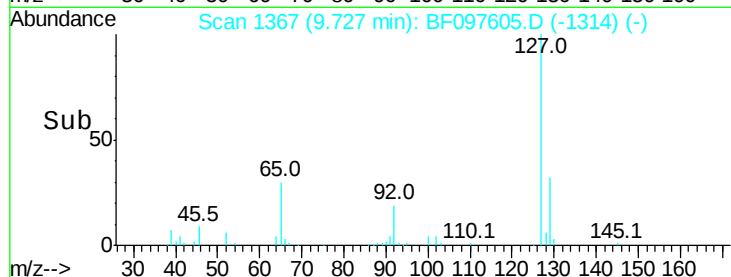
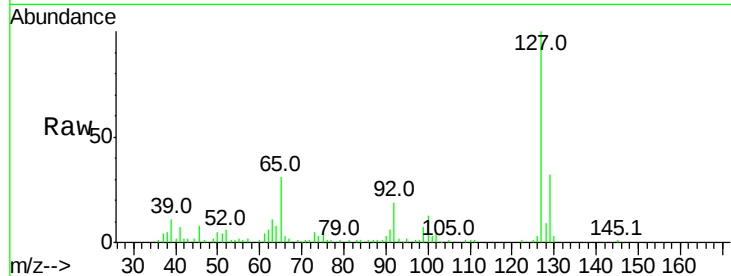
#33
4-Chloroaniline
Concen: 16.030 ng
RT: 9.73 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampled :
VE-4-11MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.1	26.2	39.2
65	30.6	27.8	41.8
92	18.9	16.8	25.2

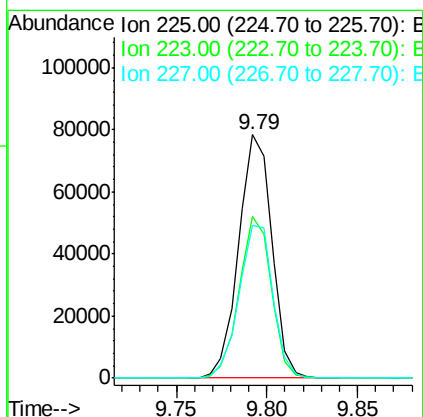
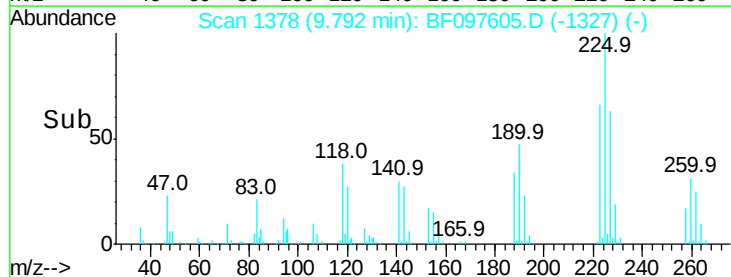
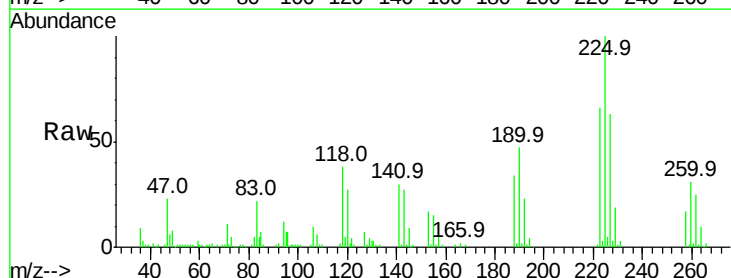
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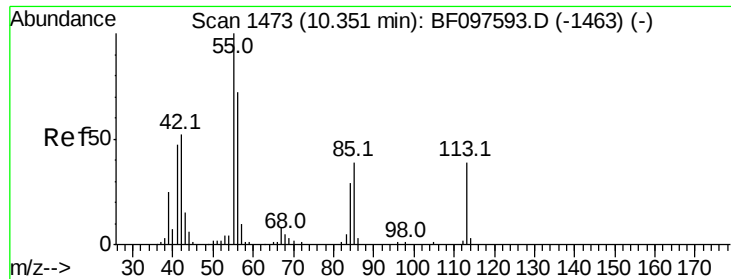
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#34
Hexachlorobutadiene
Concen: 35.230 ng
RT: 9.79 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	66.4	48.8	73.2
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 4.717 ng

RT: 10.40 min Scan# 1482

Delta R.T. 0.05 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

ClientSampleId :

VE-4-11MSD

Tot Ion:113 Resp: 7949

Ion Ratio Lower Upper

113 100

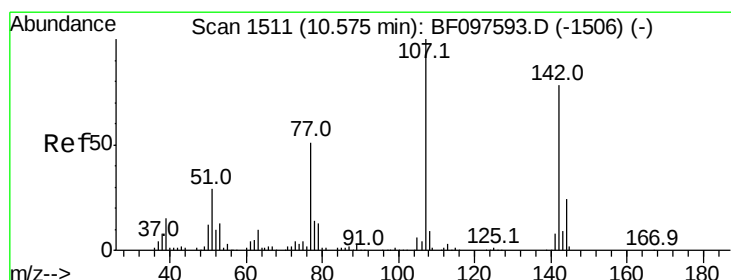
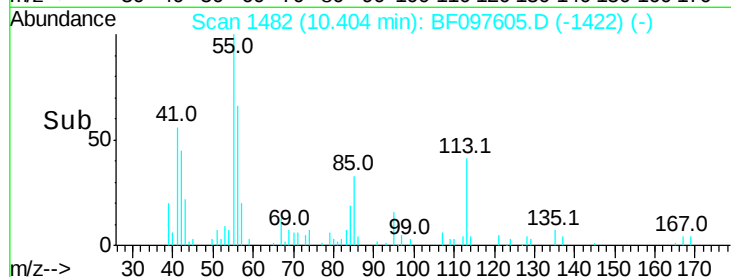
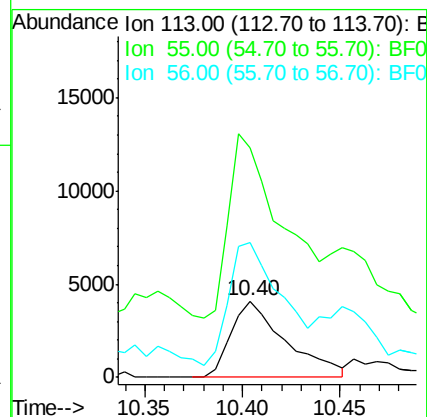
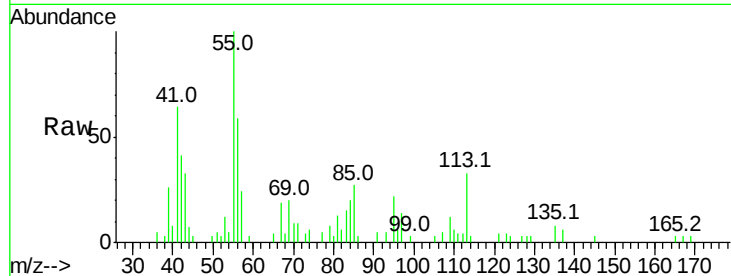
55 300.4 150.2 190.2#

56 177.5 107.8 147.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 34.847 ng

RT: 10.58 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

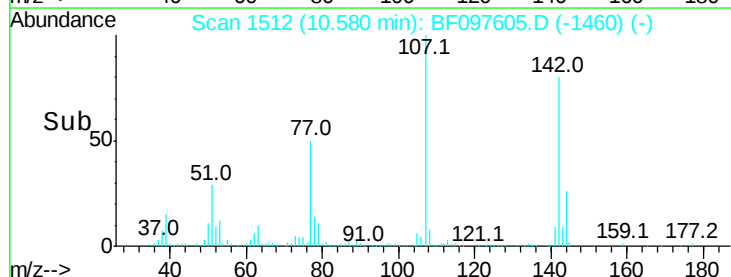
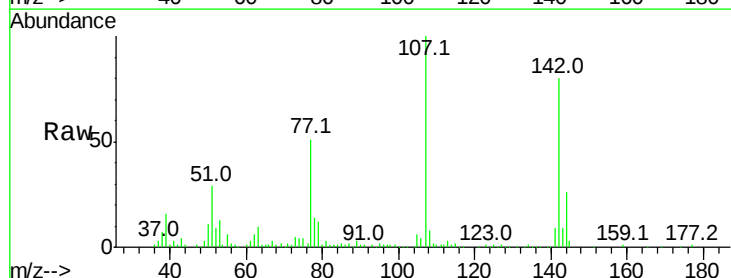
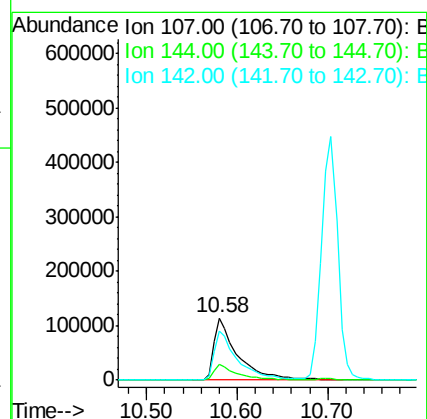
Tgt Ion:107 Resp: 204762

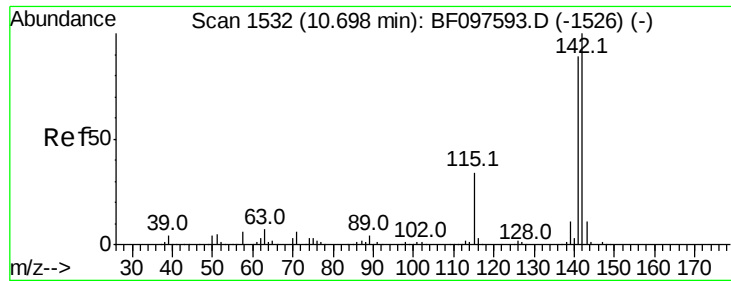
Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

142 79.6 73.4 110.0





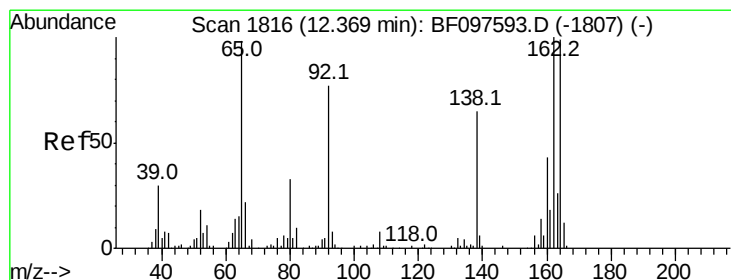
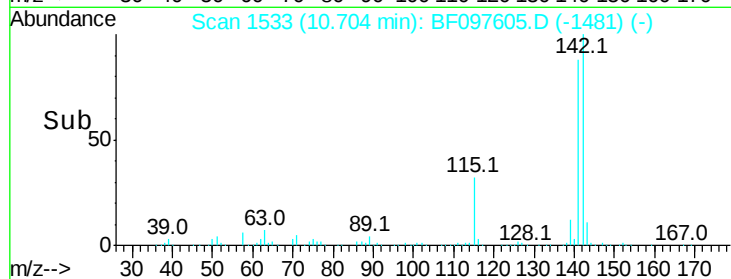
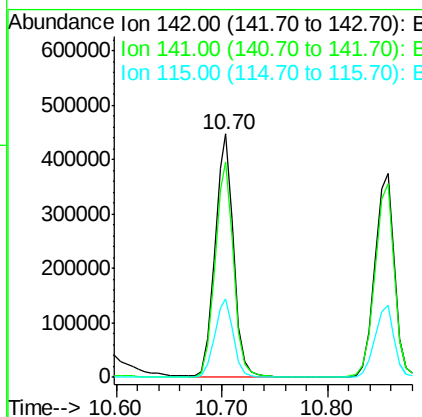
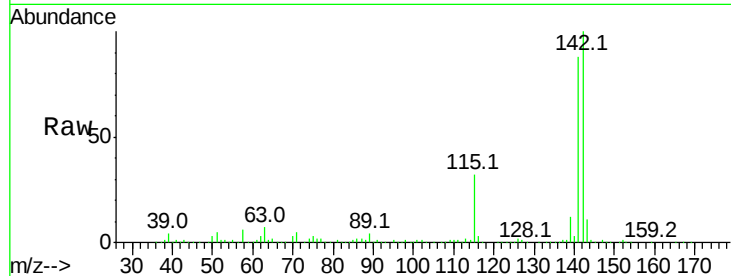
#37
2-Methylnaphthalene
Concen: 43.332 ng
RT: 10.70 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	552540		
141	88.4	71.3	106.9	
115	32.4	27.1	40.7	

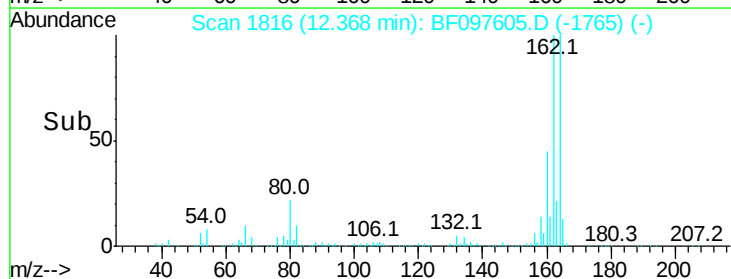
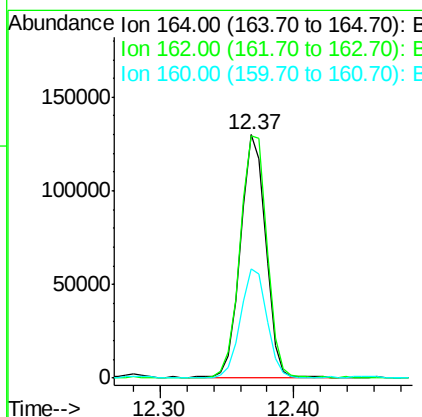
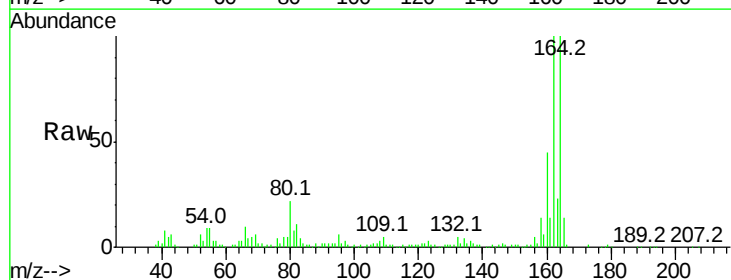
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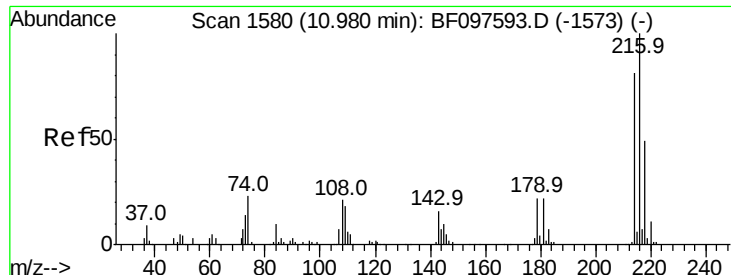
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169201		
162	99.8	82.6	123.8	
160	44.7	36.2	54.2	





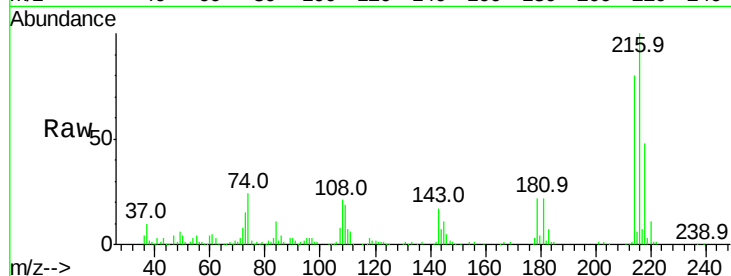
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.109 ng
 RT: 10.98 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

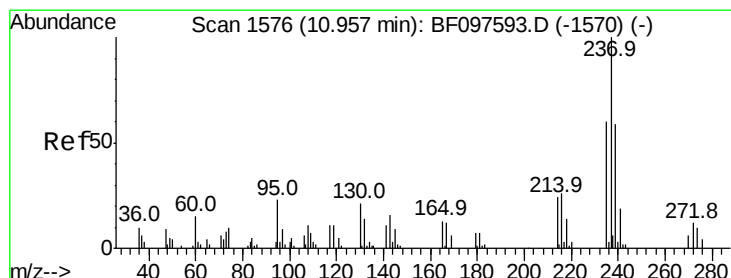
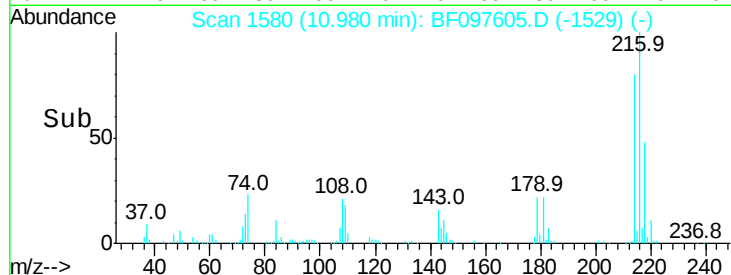
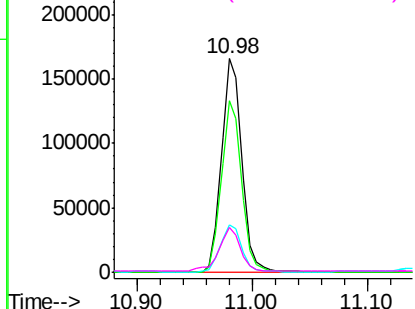
Tot Ion	Ratio	Resp	Lower	Upper
216	100	201750		
214	79.8	63.4	95.2	
179	23.7	17.9	26.9	
108	21.9	16.5	24.7	

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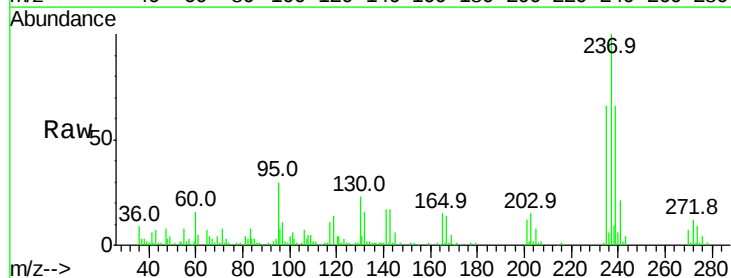


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

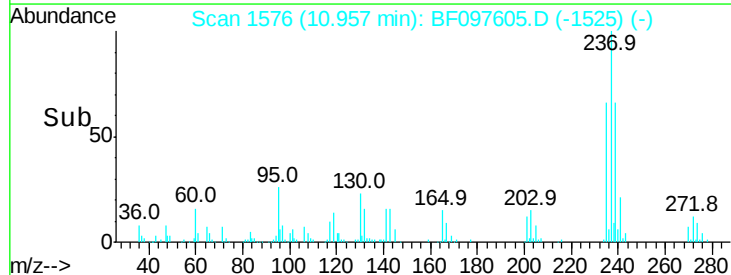
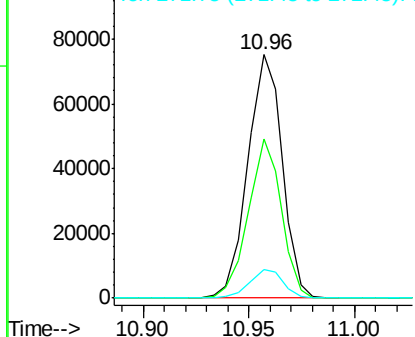


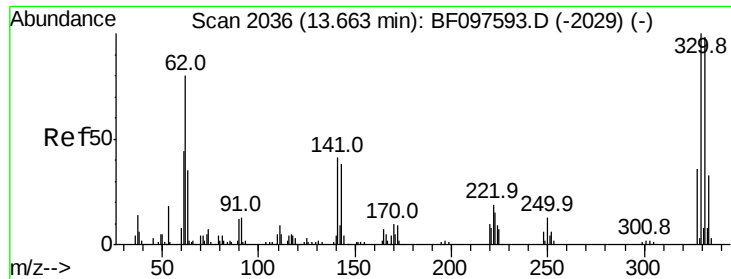
#40
 Hexachlorocyclopentadiene
 Concen: 85.797 ng
 RT: 10.96 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85249		
235	65.6	42.6	82.6	
272	11.6	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





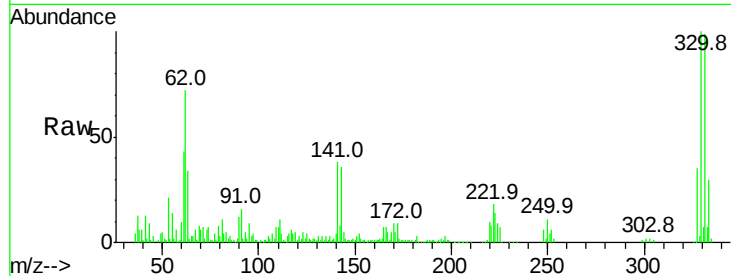
#41
 2,4,6-Tribromophenol
 Concen: 120.072 ng
 RT: 13.67 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MSD

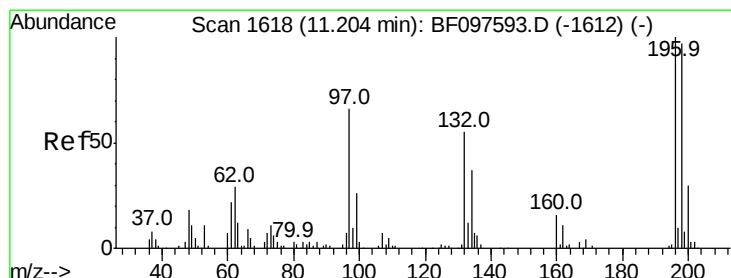
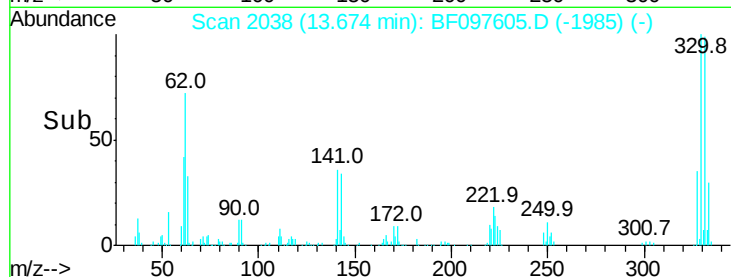
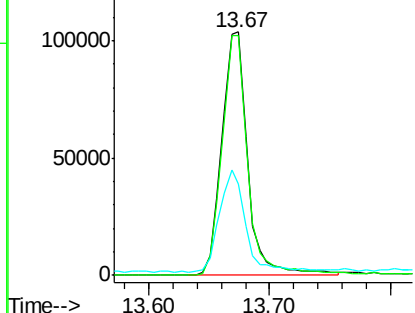
Tot Ion	Ratio	Resp	Lower	Upper
330	100	154441		
332	98.2	76.6	115.0	
141	41.4	31.4	47.2	

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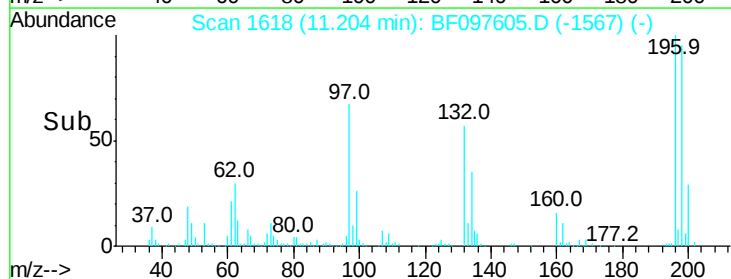
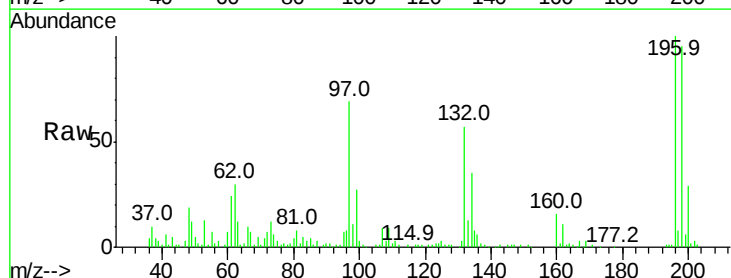
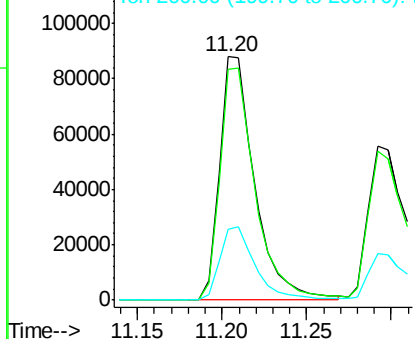
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

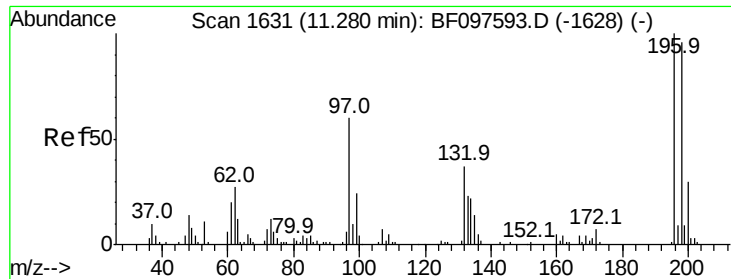


#42
 2,4,6-Trichlorophenol
 Concen: 40.448 ng
 RT: 11.20 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127680		
198	94.8	74.2	111.4	
200	29.3	24.0	36.0	

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





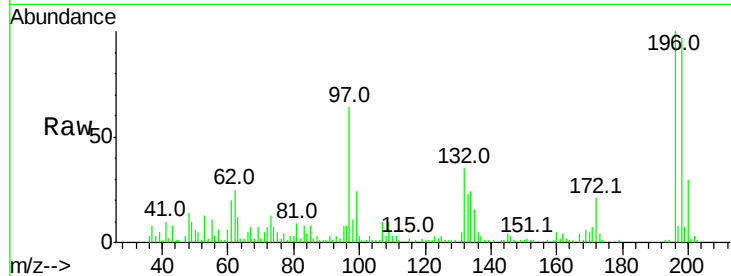
#43
 2,4,5-Trichlorophenol
 Concen: 39.381 ng
 RT: 11.29 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117414		
198	96.7	75.7	113.5	
97	63.6	47.7	71.5	
132	35.1	28.0	42.0	

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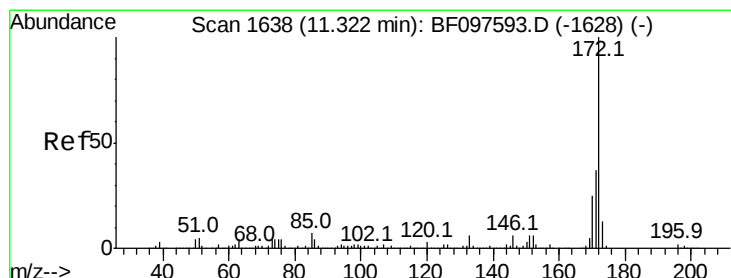
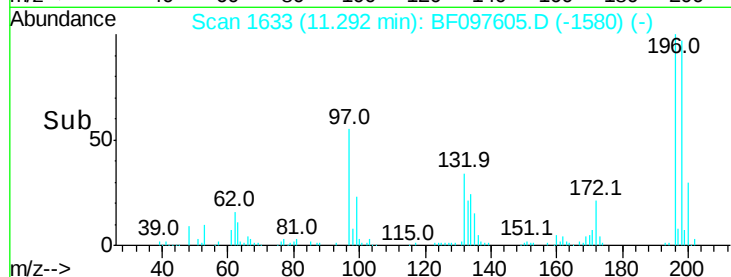
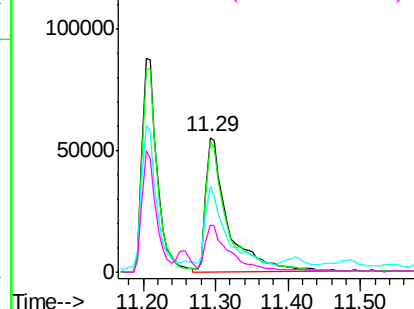
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.711 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

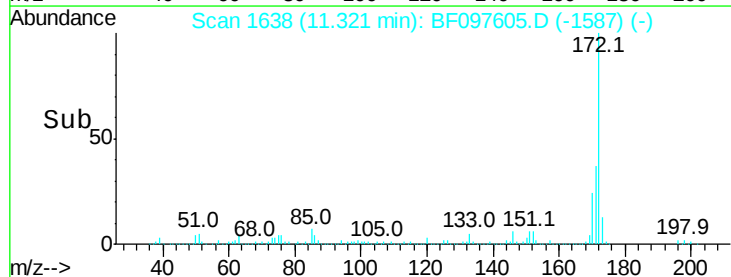
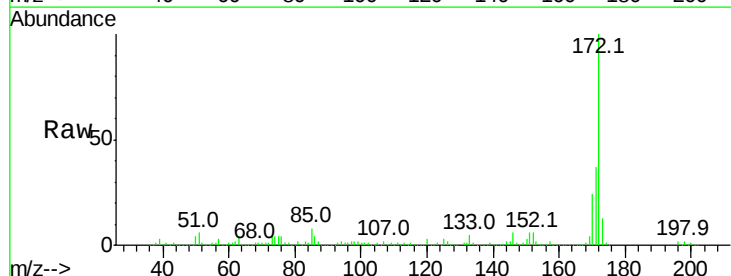
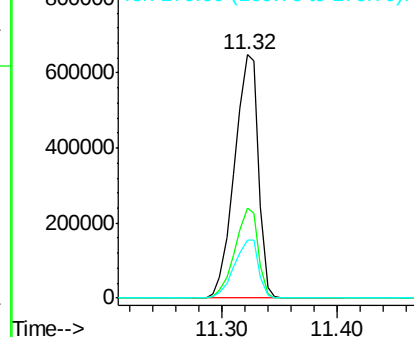
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	927300		
171	37.0	29.6	44.4	
170	24.0	19.8	29.8	

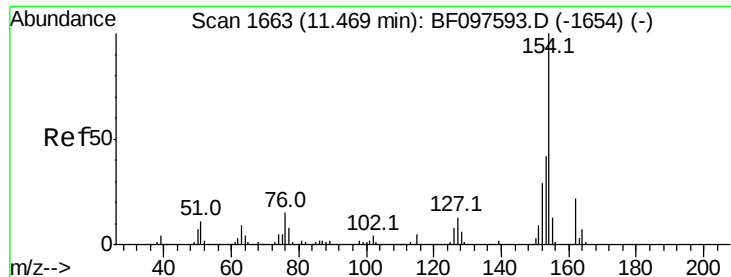
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.328 ng

RT: 11.47 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

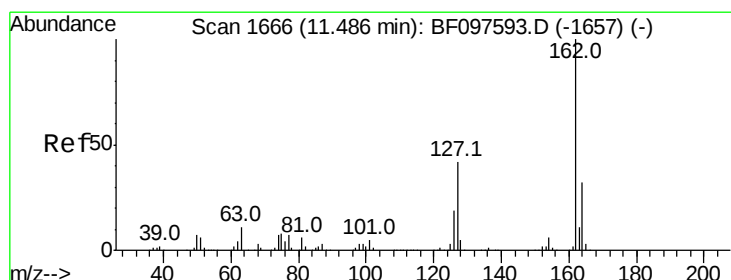
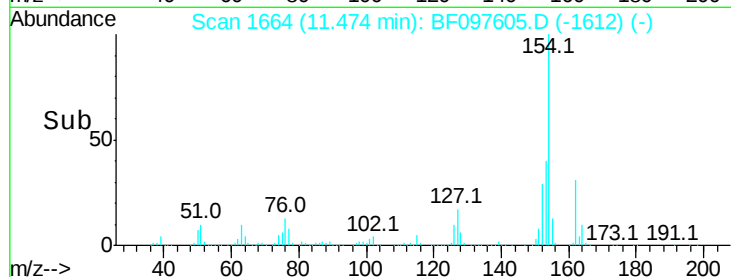
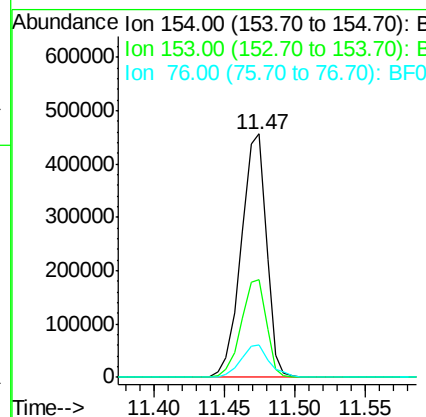
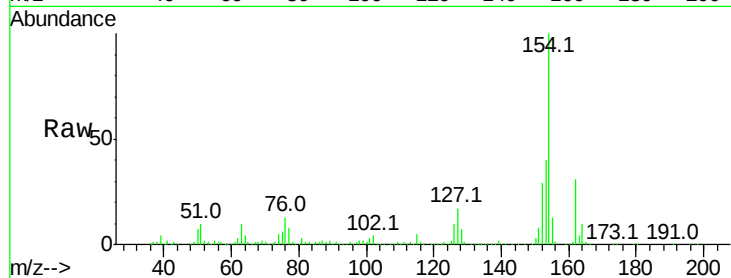
ClientSampleId :

VE-4-11MSD

Tot Ion:	154	Resp:	570904
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	13.2	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.135 ng

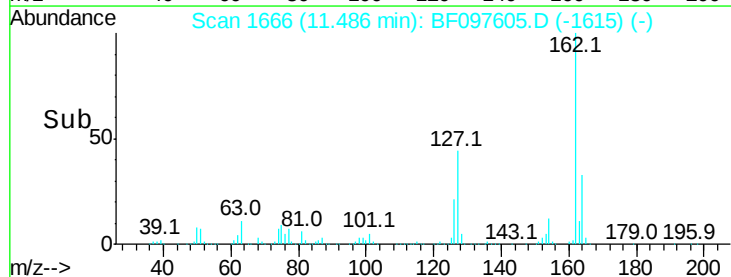
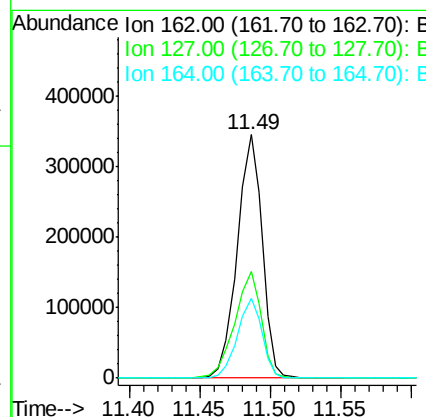
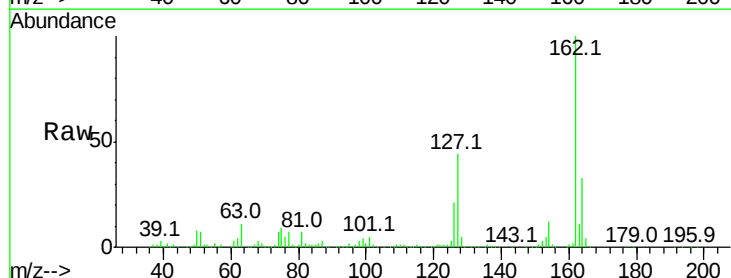
RT: 11.49 min Scan# 1666

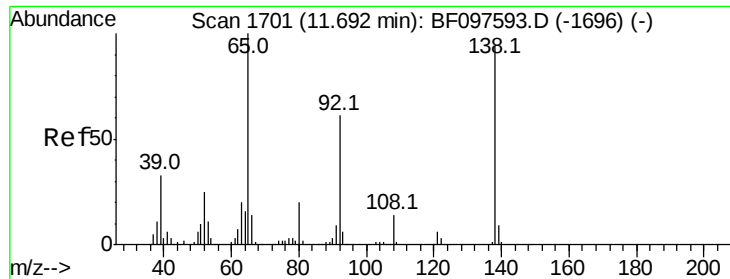
Delta R.T. -0.00 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	162	Resp:	425044
Ion Ratio	Lower	Upper	
162	100		
127	43.6	28.3	42.5#
164	32.6	27.0	40.4





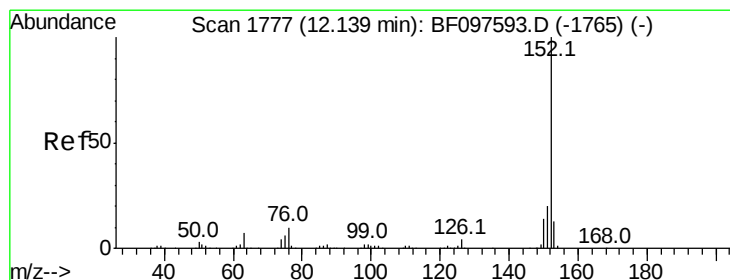
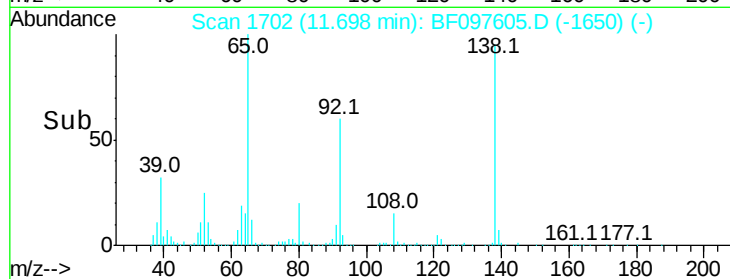
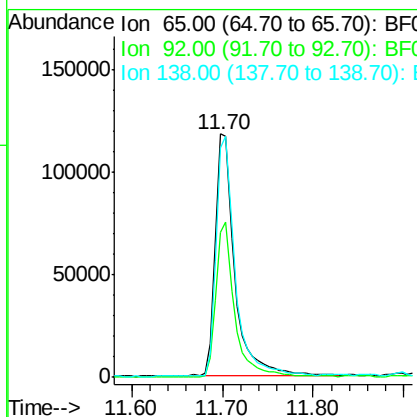
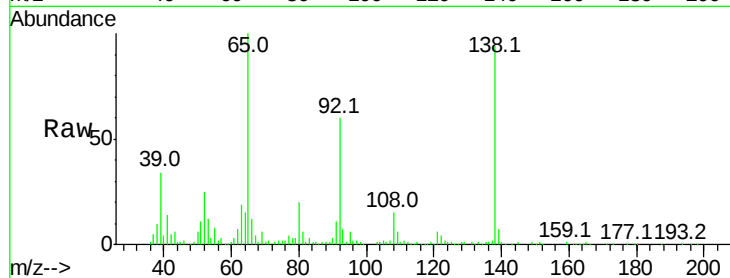
#47
2-Nitroaniline
Concen: 40.155 ng
RT: 11.70 min Scan# 1702
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	53.9	80.9
138	94.5	78.8	118.2

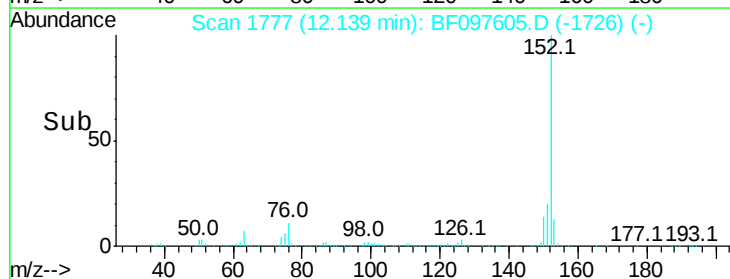
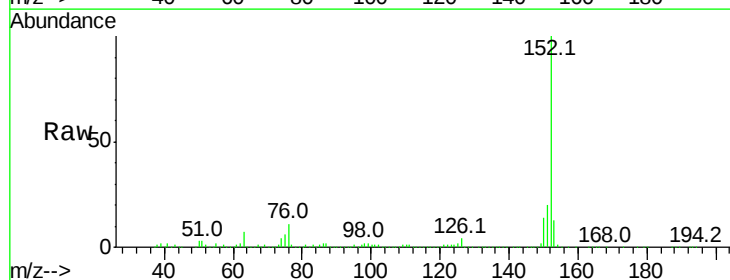
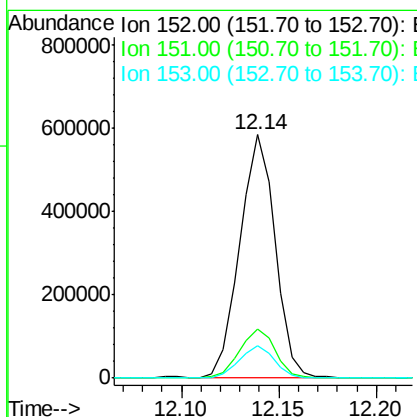
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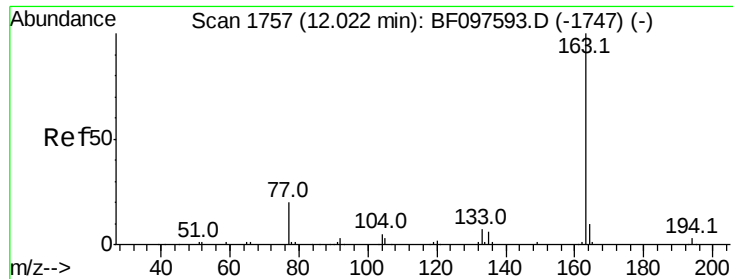
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#48
Acenaphthylene
Concen: 40.830 ng
RT: 12.14 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.1	10.8	16.2





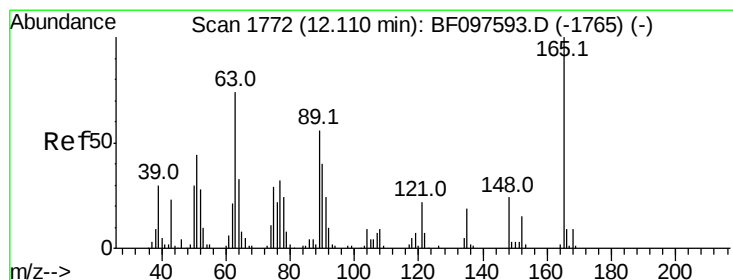
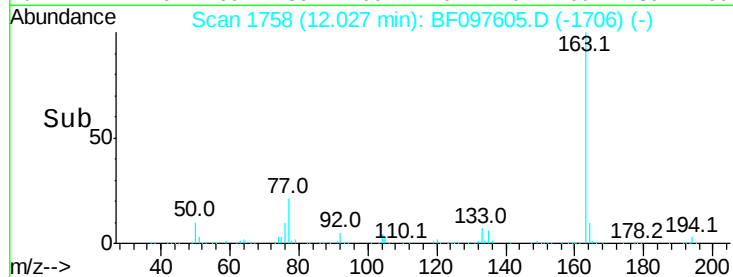
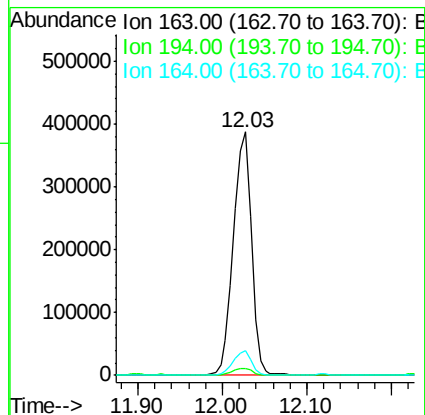
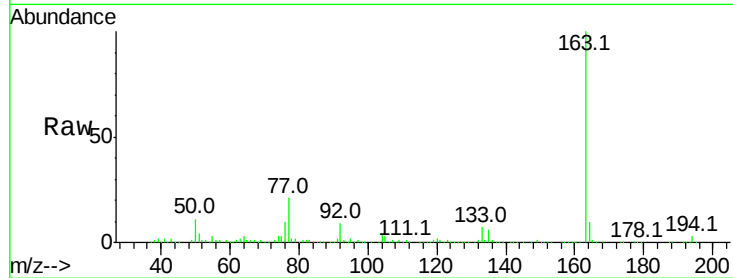
#49
Dimethylphthalate
Concen: 43.688 ng
RT: 12.03 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion:163	Resp:	569685
Ion Ratio	Lower	Upper
163 100		
194 3.1	2.6	4.0
164 10.1	8.4	12.6

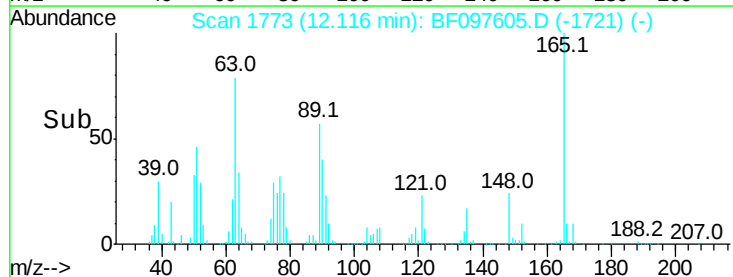
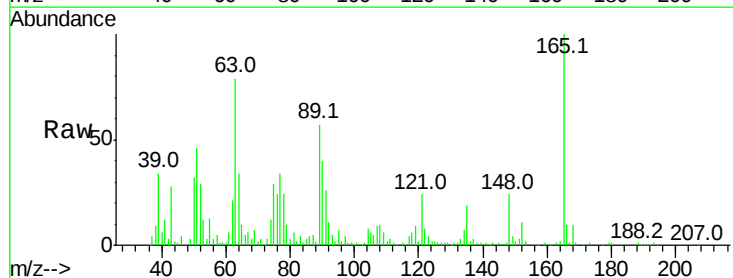
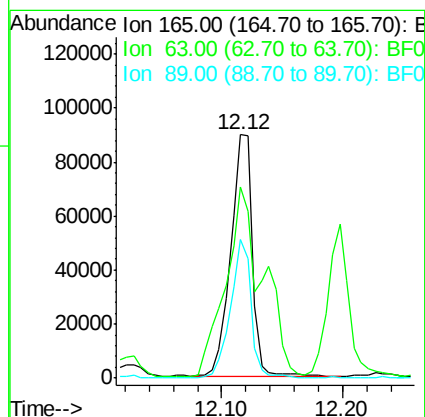
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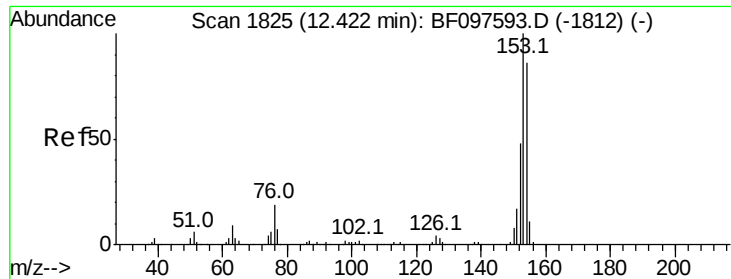
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#50
2,6-Dinitrotoluene
Concen: 41.466 ng
RT: 12.12 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion:165	Resp:	111660
Ion Ratio	Lower	Upper
165 100		
63 78.5	34.3	51.5#
89 56.7	37.1	55.7#





#51

Acenaphthene

Concen: 38.902 ng

RT: 12.43 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

ClientSampled :

VE-4-11MSD

Tot Ion:154 Resp: 413099

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

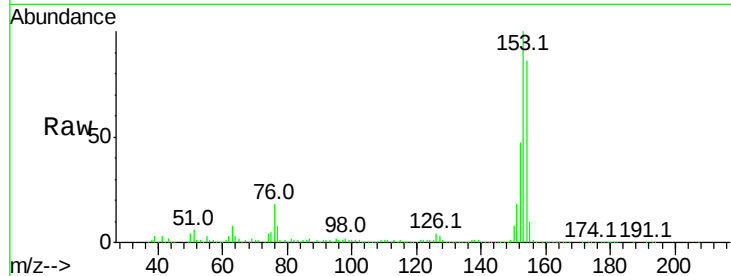
152 54.4 43.6 65.4

Manual Integrations

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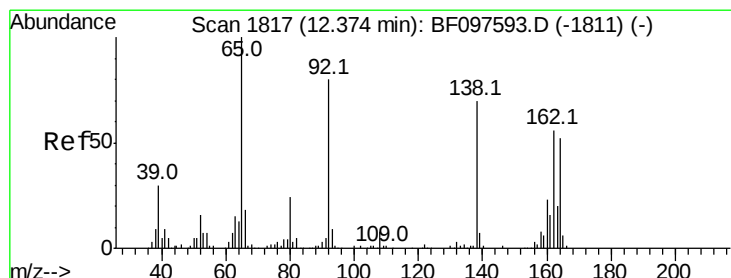
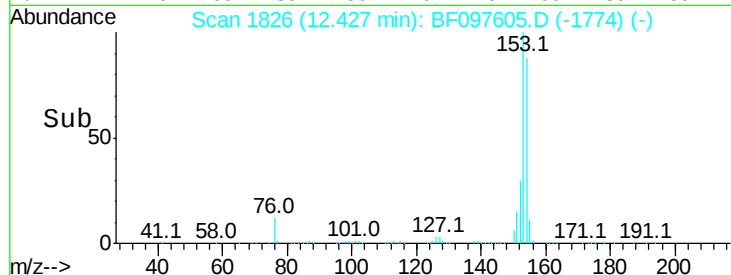
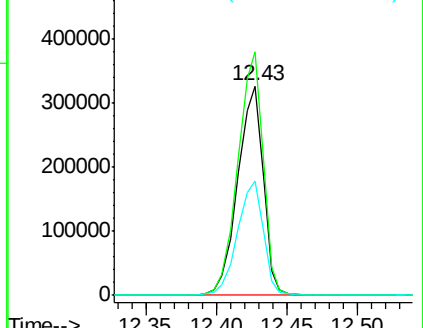
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.525 ng

RT: 12.38 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

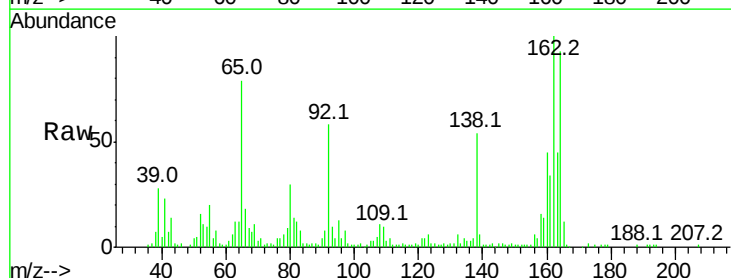
Tgt Ion:138 Resp: 61788

Ion Ratio Lower Upper

138 100

108 19.6 9.1 13.7#

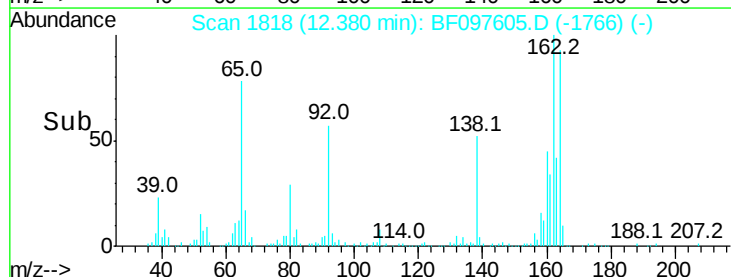
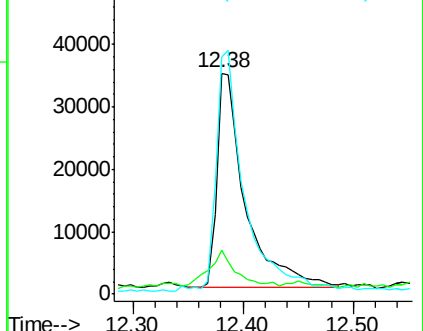
92 107.3 93.8 140.6

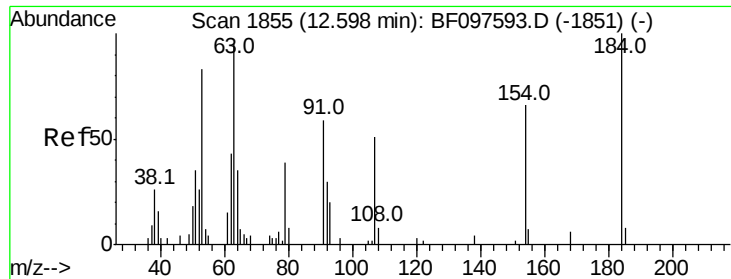


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





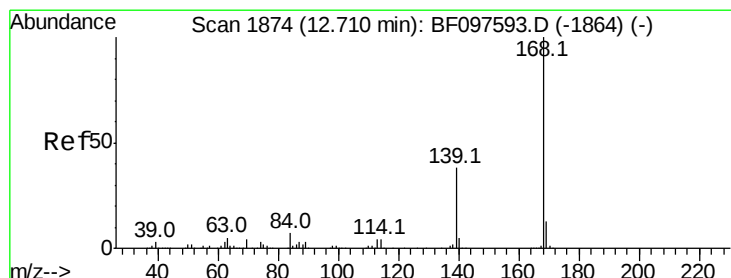
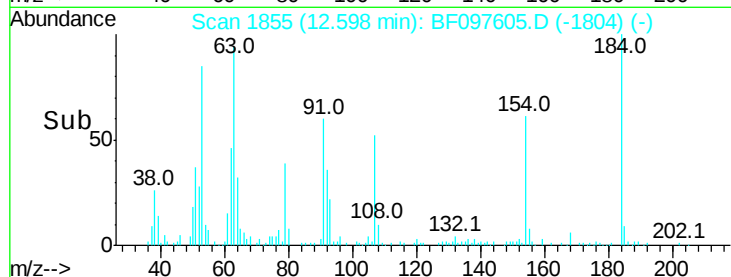
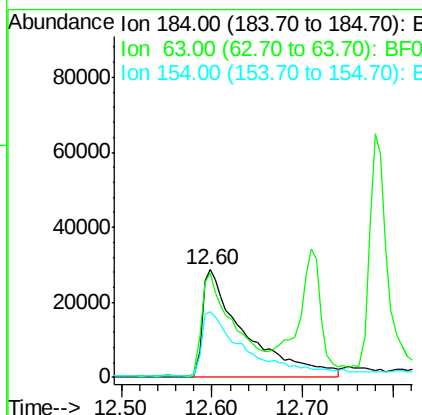
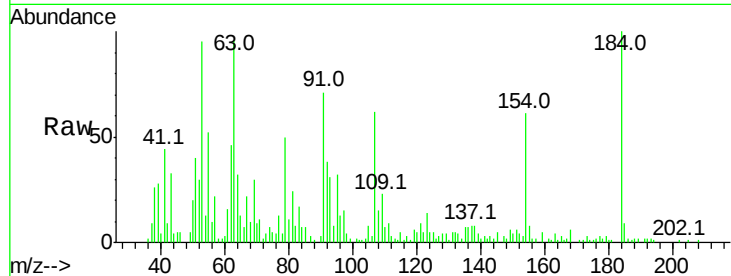
#53
2,4-Dinitrophenol
Concen: 83.900 ng
RT: 12.60 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion:184 Resp: 93135
Ion Ratio Lower Upper
184 100
63 96.4 62.7 94.1#
154 61.0 81.1 121.7#

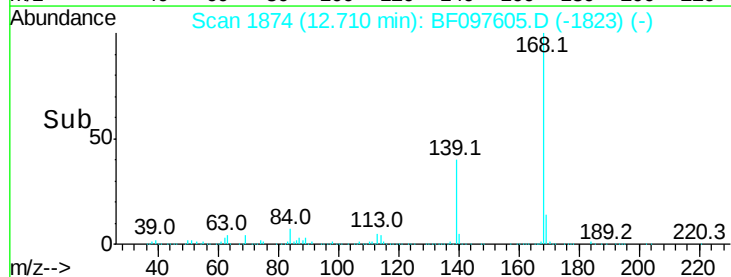
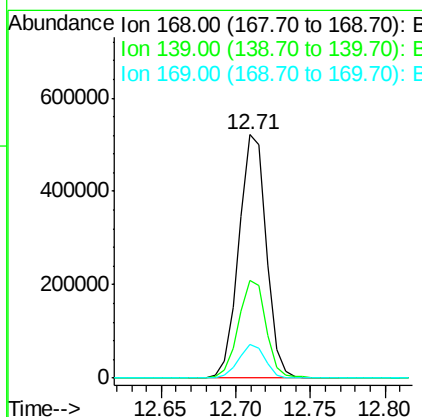
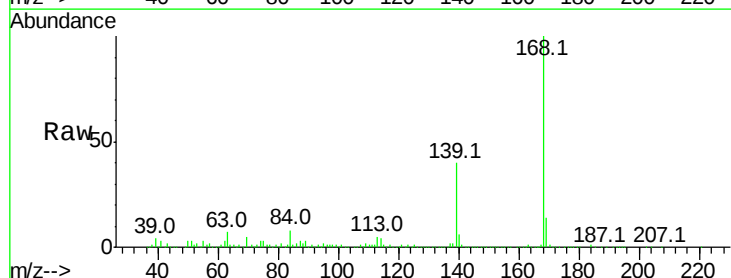
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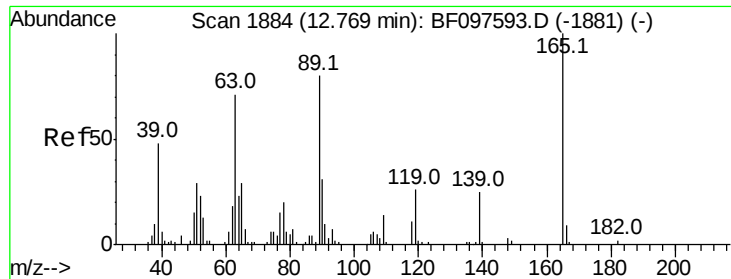
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#54
Dibenzofuran
Concen: 44.609 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion:168 Resp: 663154
Ion Ratio Lower Upper
168 100
139 40.2 30.6 45.8
169 13.7 10.8 16.2





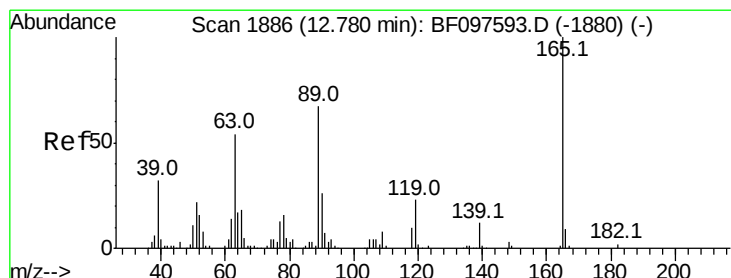
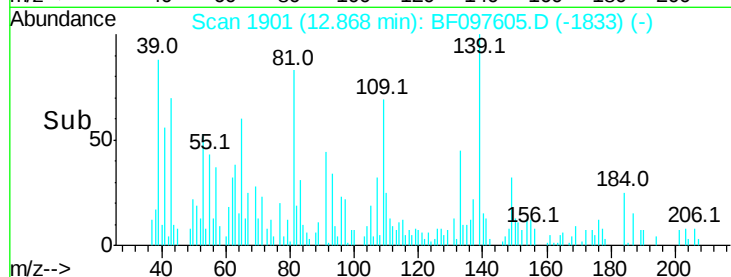
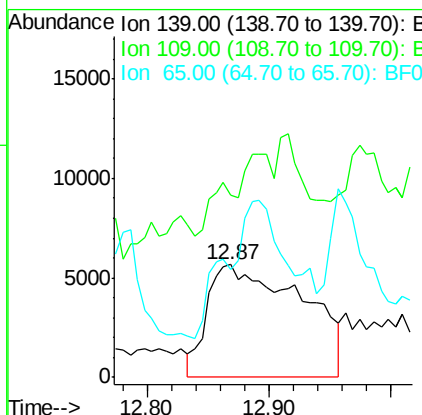
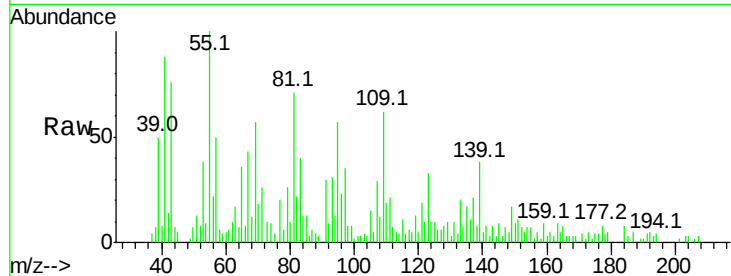
#55
4-Nitrophenol
Concen: 22.854 ng m
RT: 12.87 min Scan# 1901
Delta R.T. 0.10 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampled :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	161.6	34.1	74.1#	
65	95.5	31.4	71.4#	

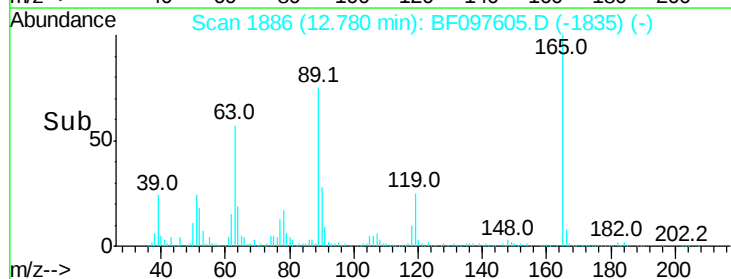
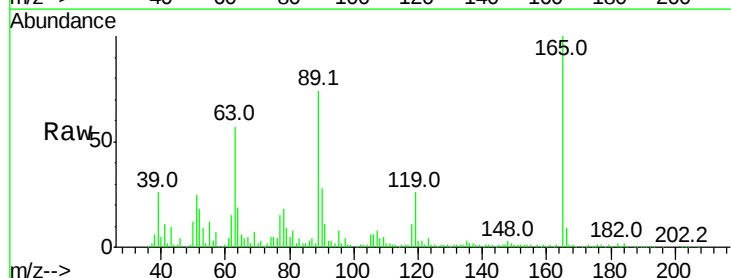
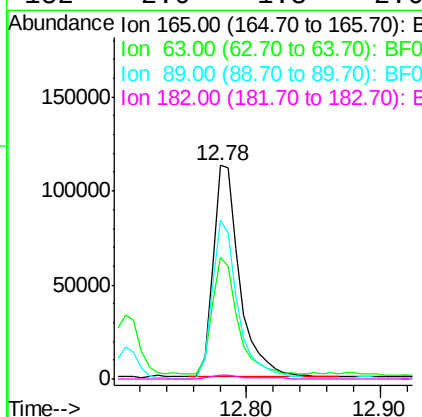
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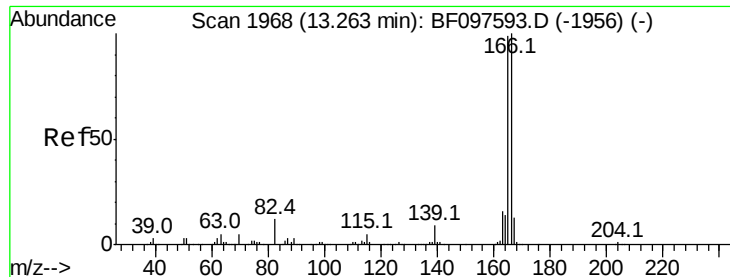
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#56
2,4-Dinitrotoluene
Concen: 43.698 ng
RT: 12.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	25.4	38.0#	
89	74.4	46.4	69.6#	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 42.499 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

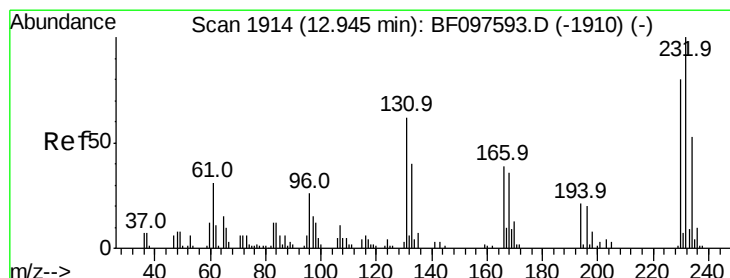
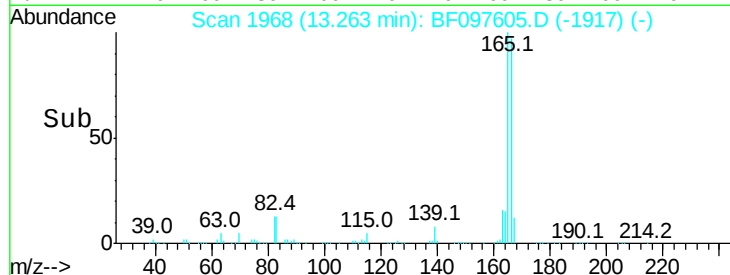
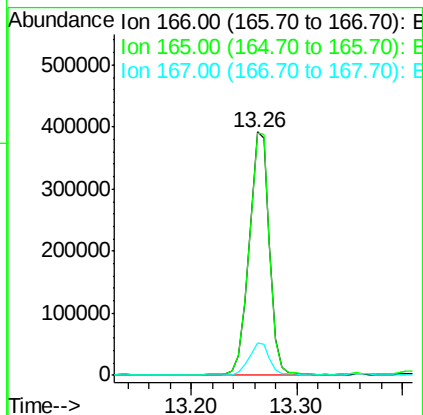
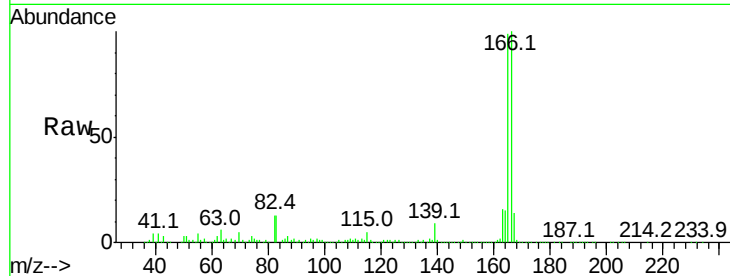
ClientSampled :

VE-4-11MSD

Tot Ion:	166	Resp:	519577
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.8	118.2
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.076 ng

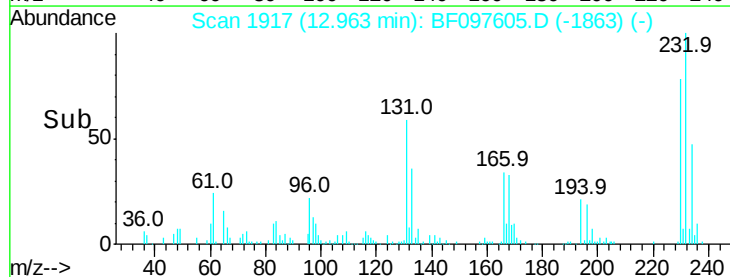
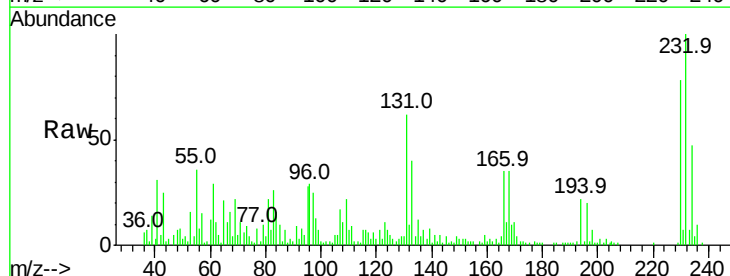
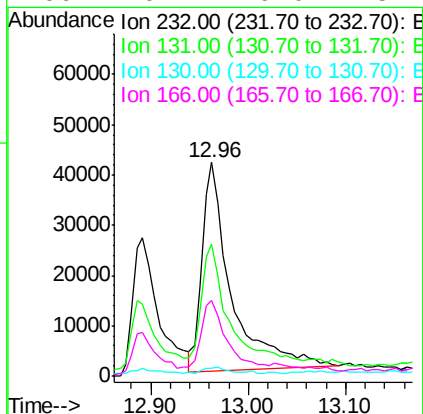
RT: 12.96 min Scan# 1917

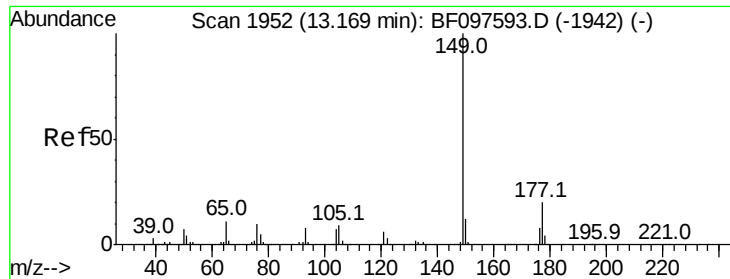
Delta R.T. 0.02 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	232	Resp:	86154
Ion Ratio	Lower	Upper	
232	100		
131	51.3	44.8	67.2
130	2.3	2.3	3.5
166	26.4	29.0	43.4#





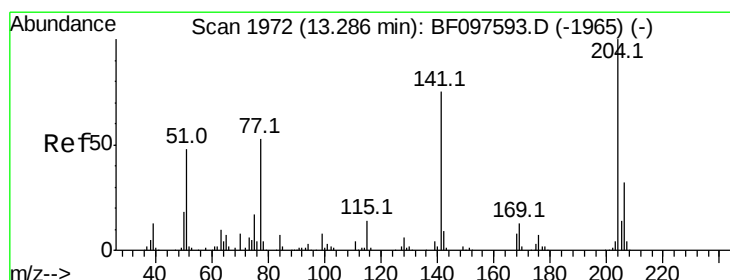
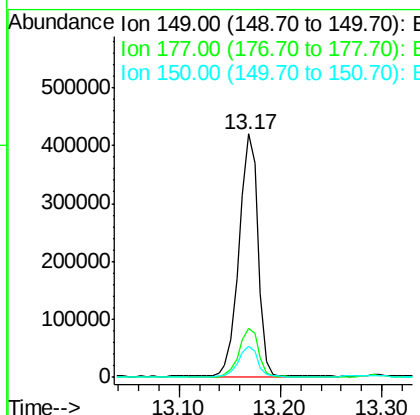
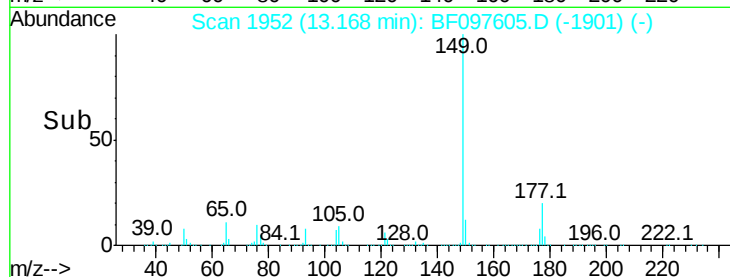
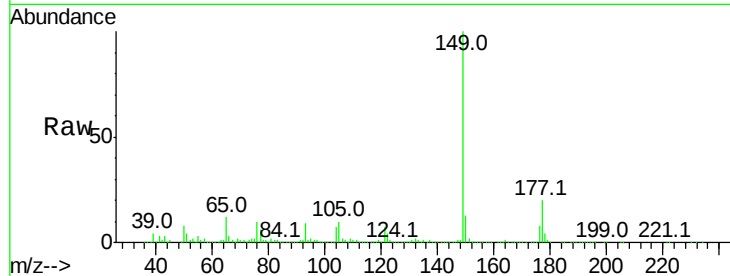
#59
Diethylphthalate
Concen: 43.938 ng
RT: 13.17 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampled :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	541154		
177	20.3	16.7	25.1	
150	12.6	10.2	15.2	

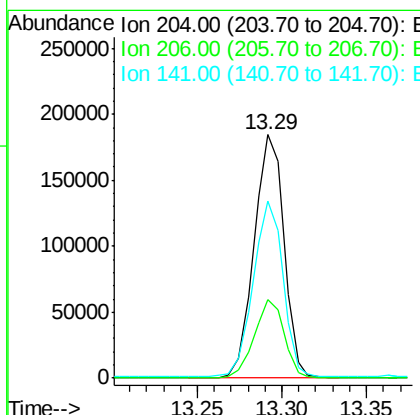
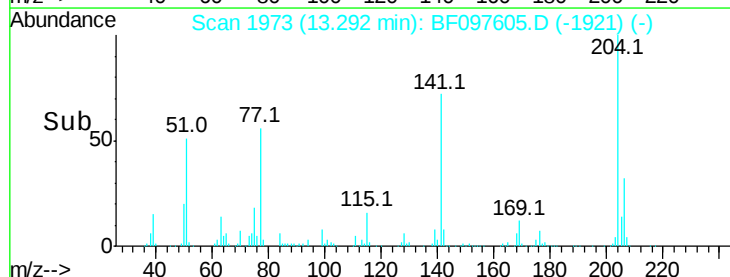
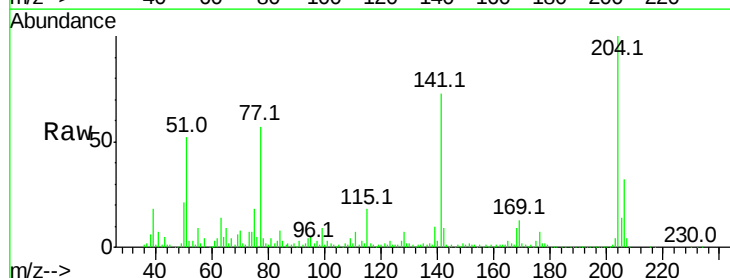
Manual Integrations
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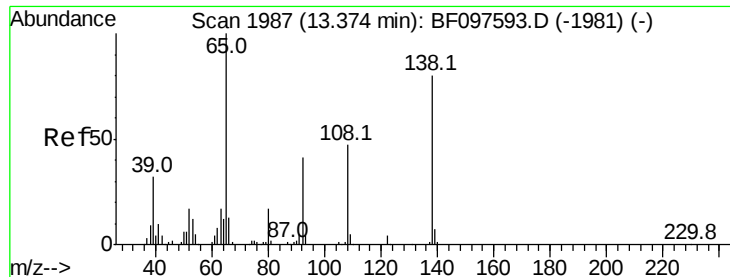
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.411 ng
RT: 13.29 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226575		
206	32.1	26.2	39.2	
141	73.0	60.8	91.2	





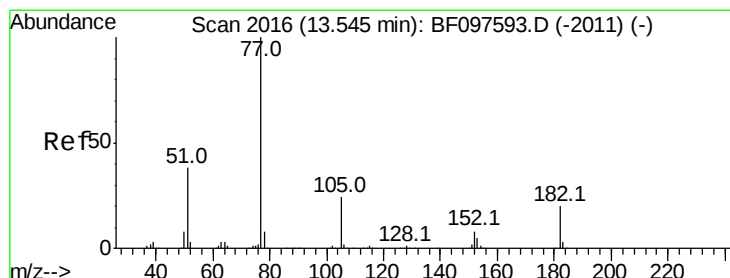
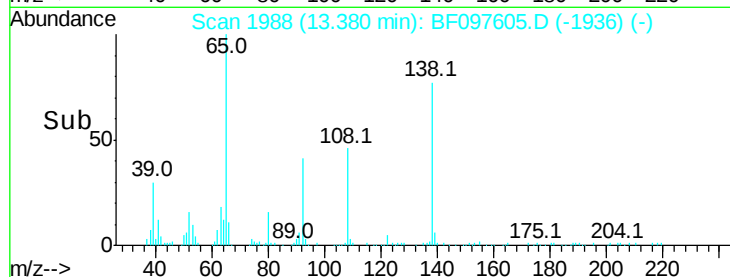
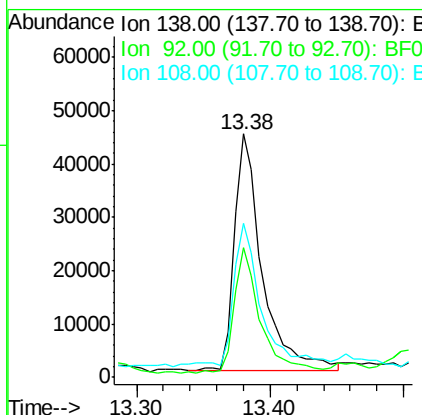
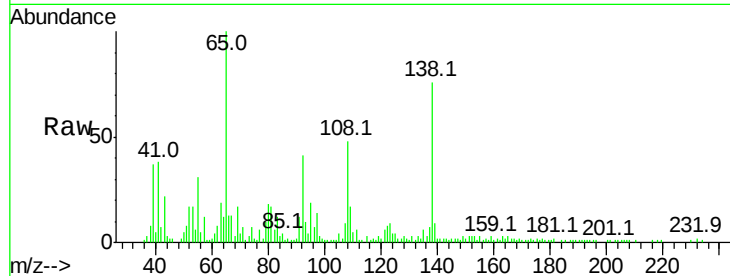
#61
4-Nitroaniline
Concen: 19.183 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	64518		
92	53.5	21.8	61.8	
108	63.1	42.3	82.3	

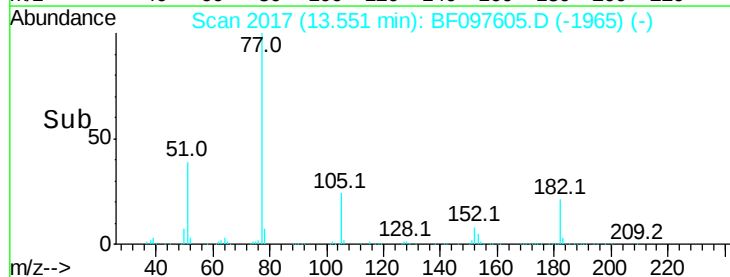
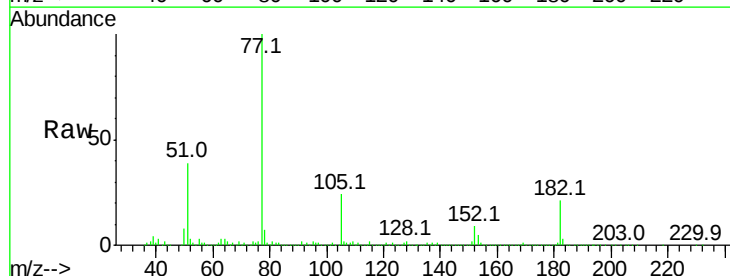
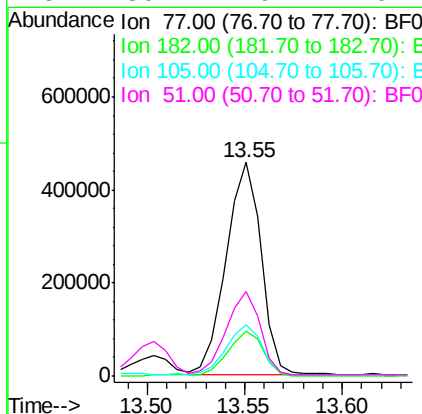
Manual Integrations
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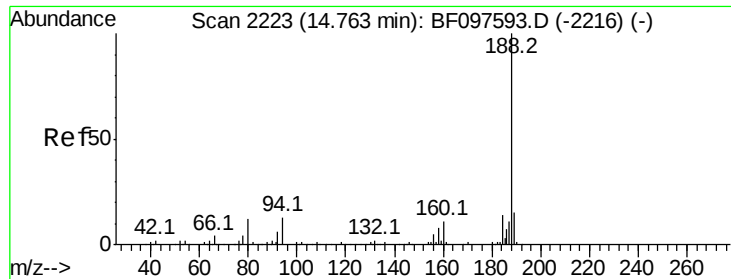
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#62
Azobenzene
Concen: 45.996 ng
RT: 13.55 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	563595		
182	21.0	0.1	40.1	
105	24.0	3.6	43.6	
51	39.4	9.4	49.4	





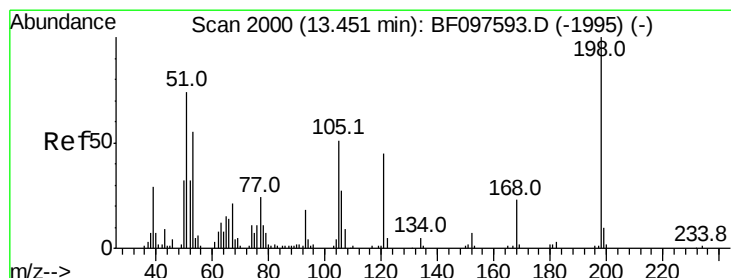
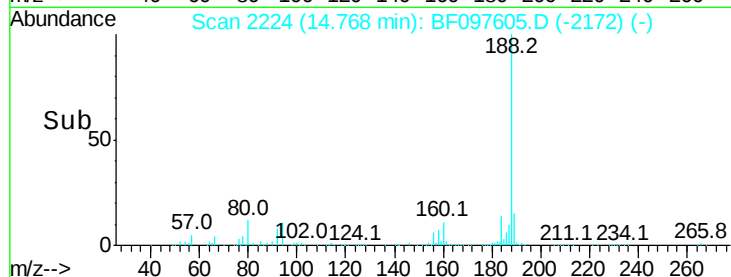
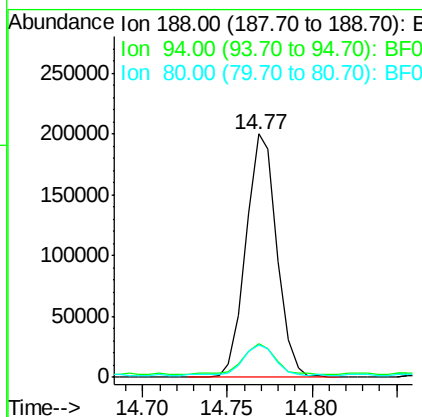
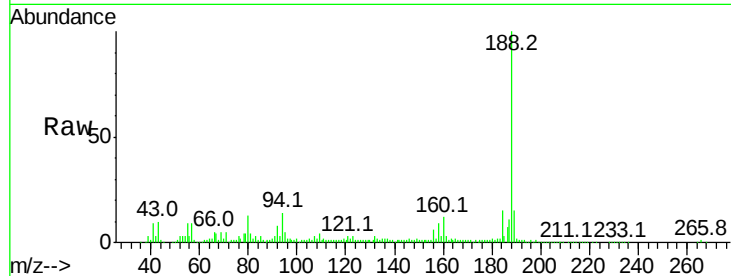
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampled :
VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	253073		
94	13.9		9.4	14.2
80	13.3		10.2	15.2

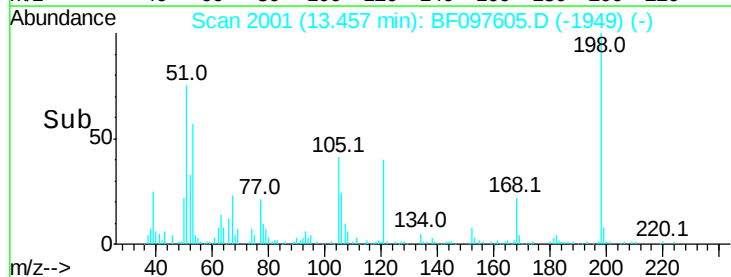
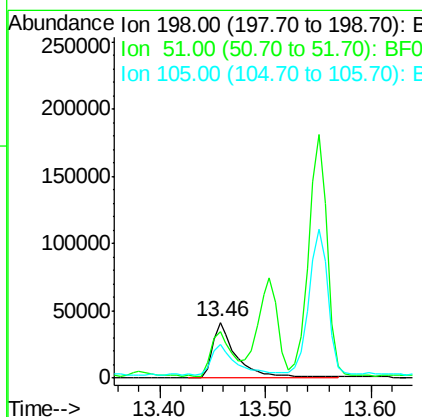
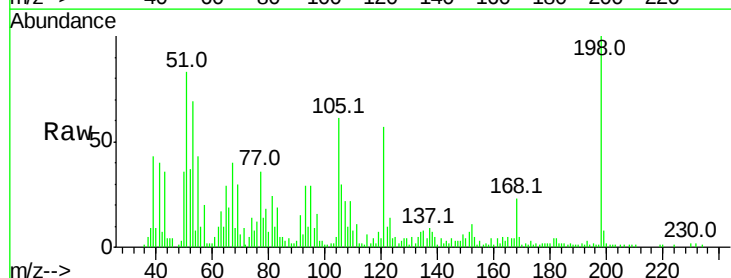
Manual Integrations
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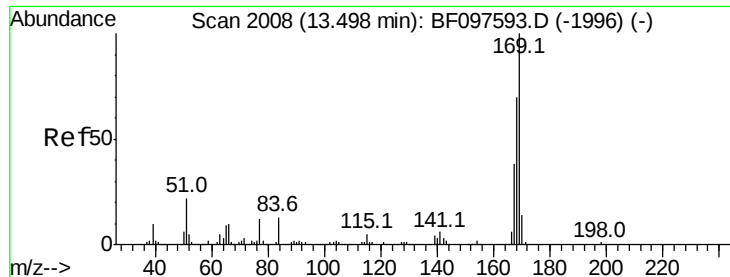
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.514 ng
RT: 13.46 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67175		
51	83.4		53.2	93.2
105	60.7		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 46.051 ng

RT: 13.50 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

ClientSampleId :

VE-4-11MSD

Tot Ion:169 Resp: 430680

Ion Ratio Lower Upper

169 100

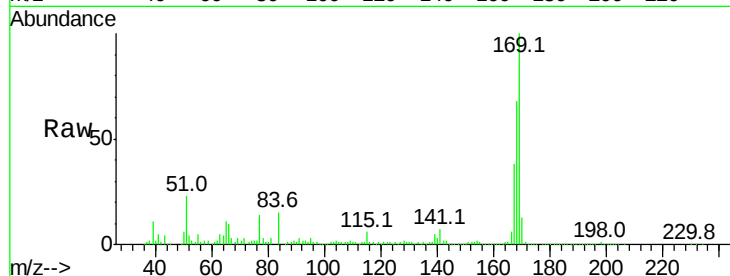
168 68.2 53.2 79.8

167 38.2 29.5 44.3

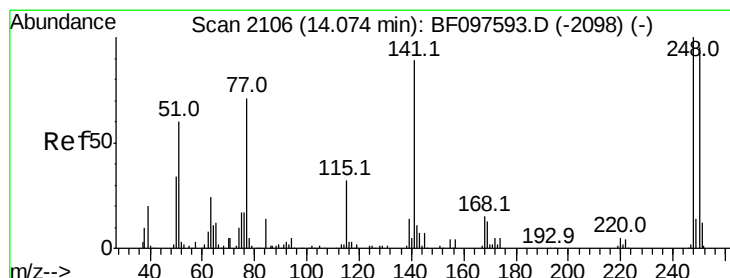
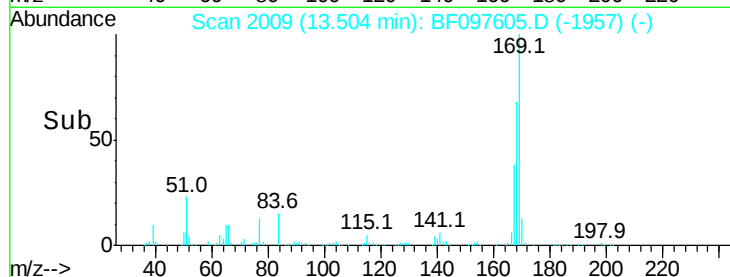
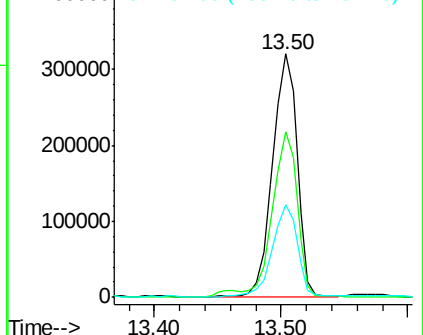
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.676 ng

RT: 14.08 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

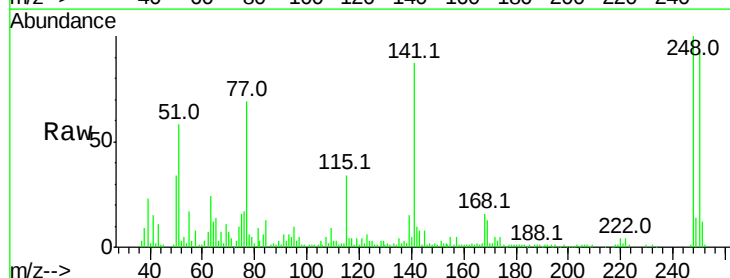
Tgt Ion:248 Resp: 122550

Ion Ratio Lower Upper

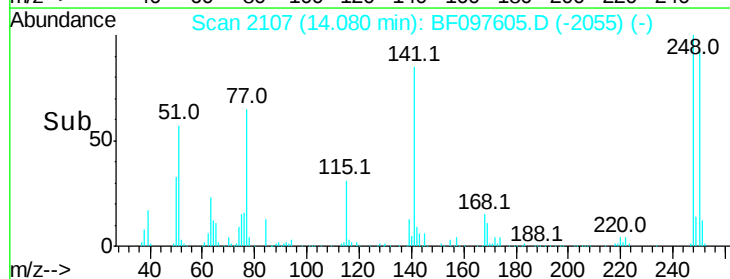
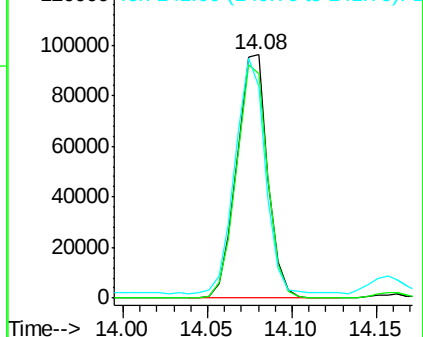
248 100

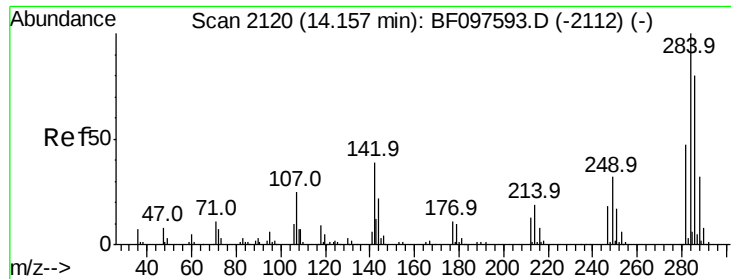
250 92.2 76.8 115.2

141 87.2 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 44.818 ng

RT: 14.16 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

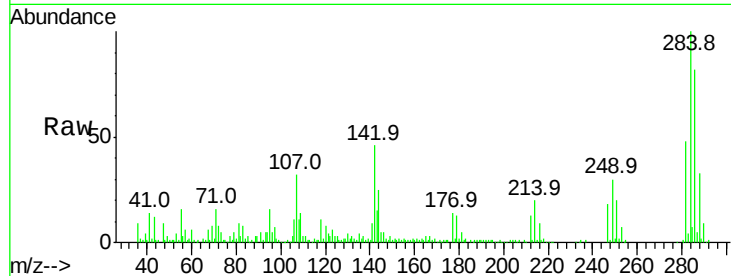
ClientSampled :

VE-4-11MSD

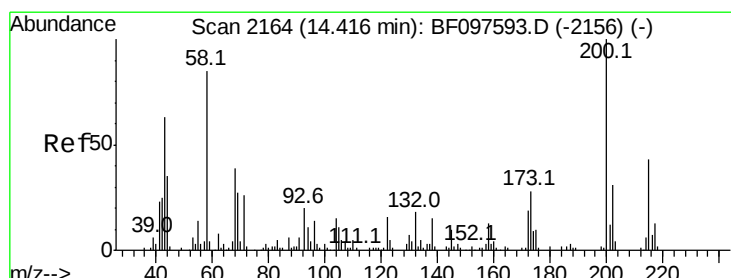
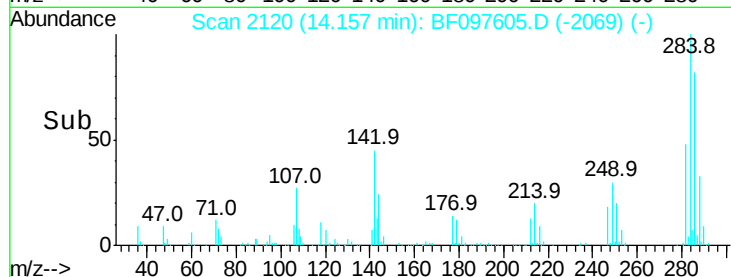
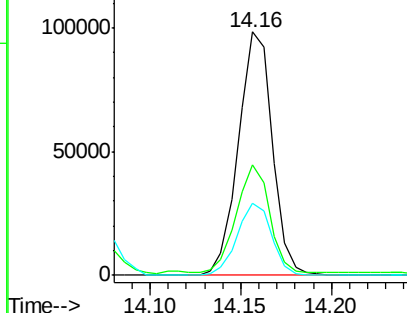
Tot Ion:	284	Resp:	128180
Ion Ratio	Lower	Upper	
284	100		
142	45.6	22.8	34.2#
249	29.6	24.0	36.0

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.926 ng

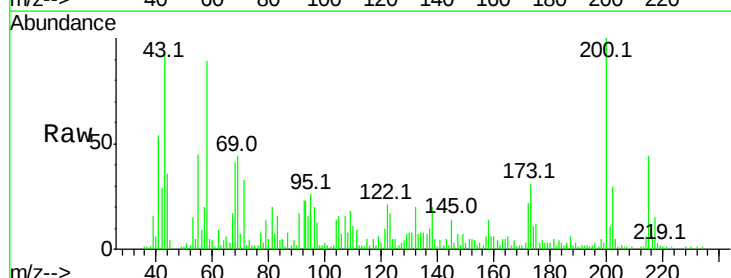
RT: 14.47 min Scan# 2174

Delta R.T. 0.06 min

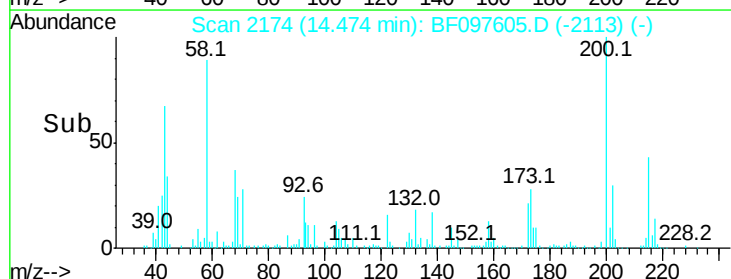
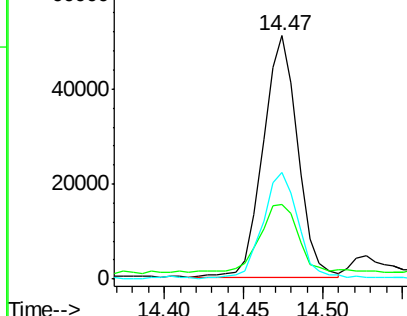
Lab File: BF097605.D

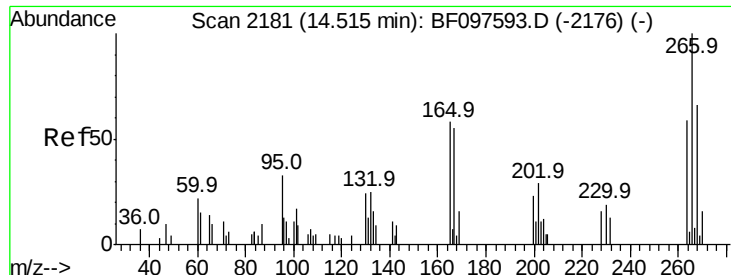
Acq: 11 Aug 2017 20:47

Tgt Ion:	200	Resp:	77261
Ion Ratio	Lower	Upper	
200	100		
173	30.9	6.3	46.3
215	43.7	27.2	67.2



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





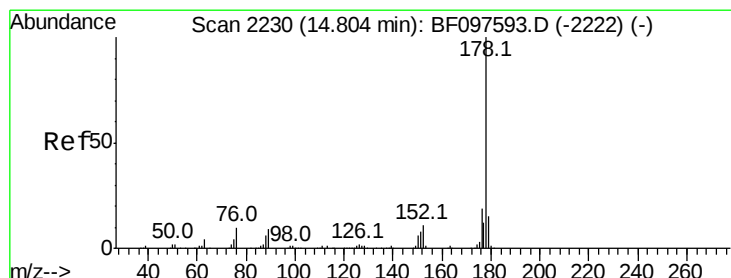
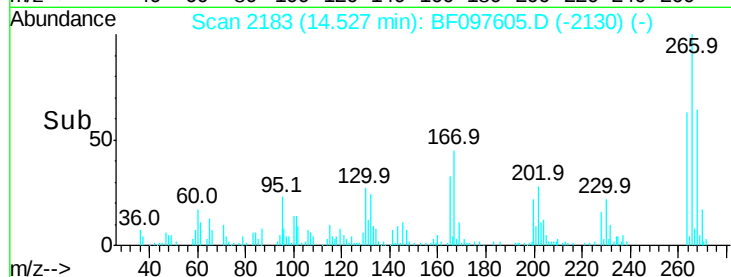
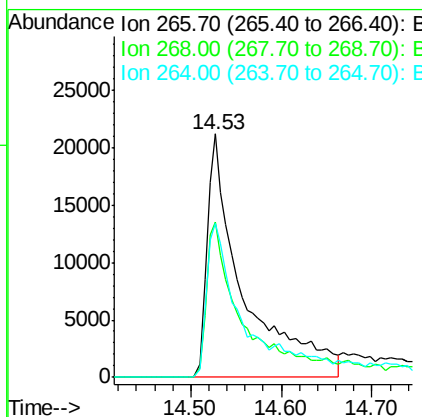
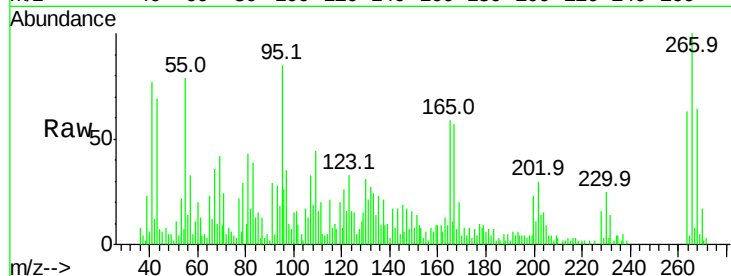
#69
 Pentachlorophenol
 Concen: 123.135 ng
 RT: 14.53 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	59224		
268	63.6		51.1	76.7
264	63.5		51.7	77.5

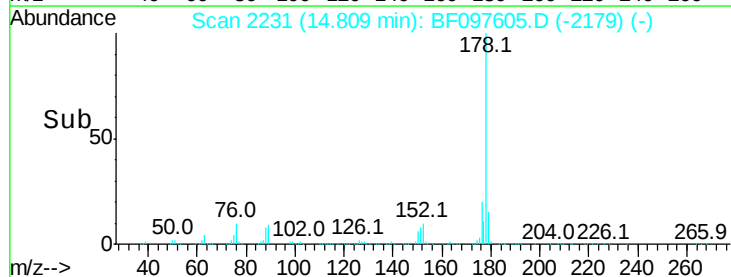
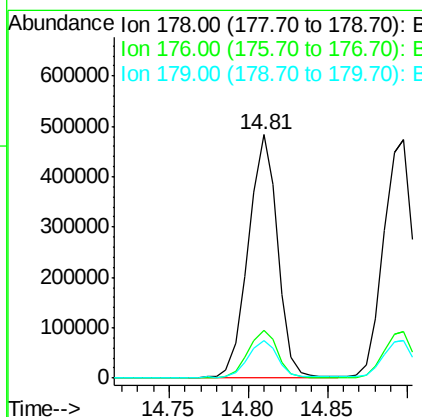
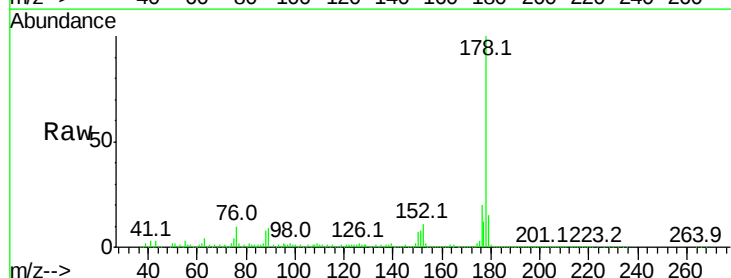
Manual Integrations
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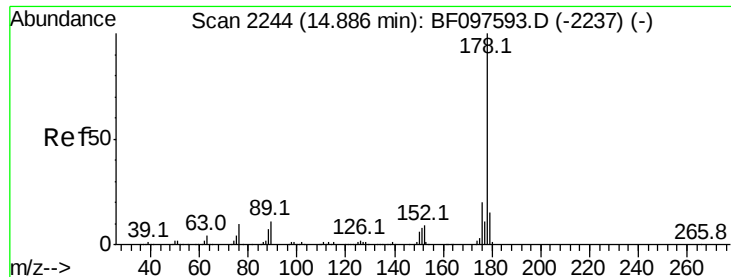
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#70
 Phenanthrene
 Concen: 42.044 ng
 RT: 14.81 min Scan# 2231
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	612826		
176	19.7		16.2	24.4
179	15.3		12.6	19.0





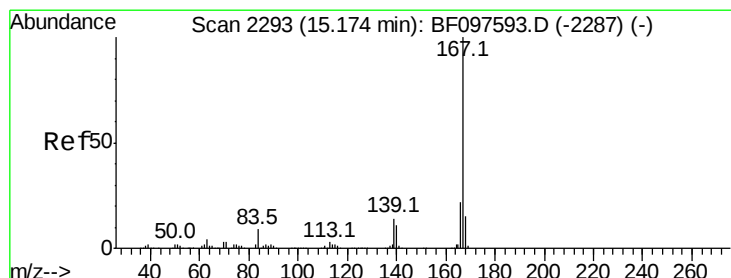
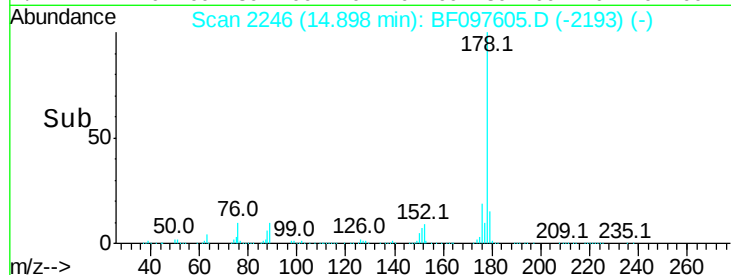
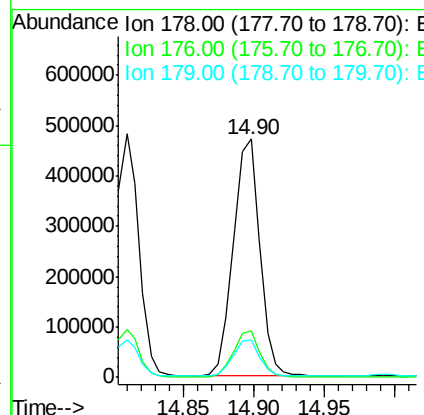
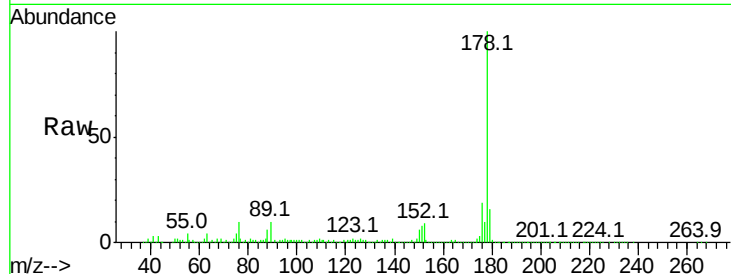
#71
 Anthracene
 Concen: 41.455 ng
 RT: 14.90 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

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

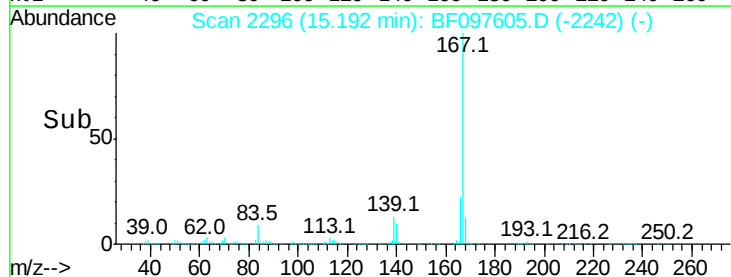
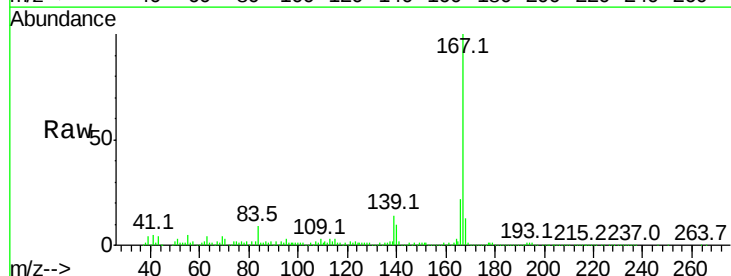
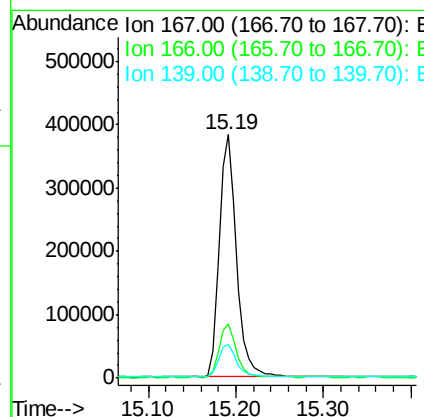
Manual Integrations
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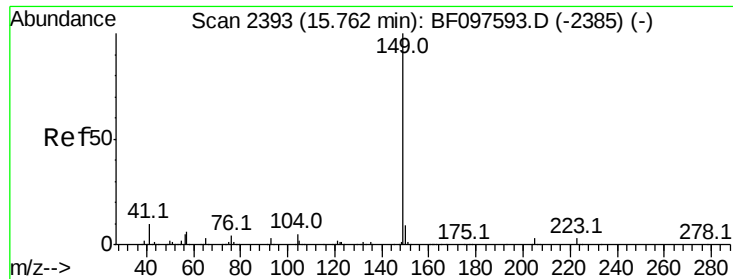
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#72
 Carbazole
 Concen: 36.882 ng
 RT: 15.19 min Scan# 2296
 Delta R.T. 0.02 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.9	11.7	17.5





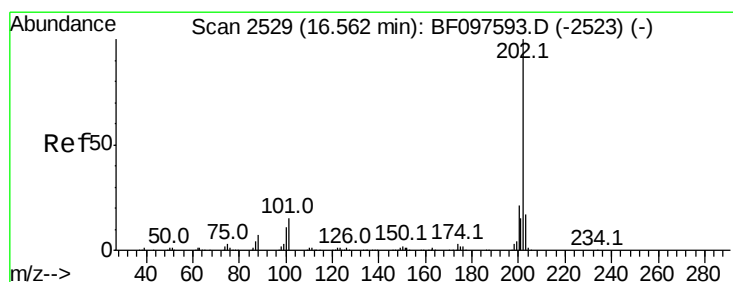
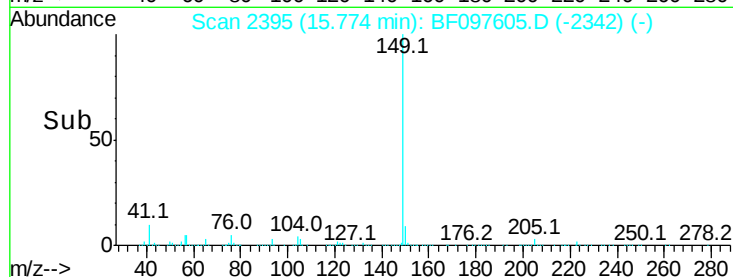
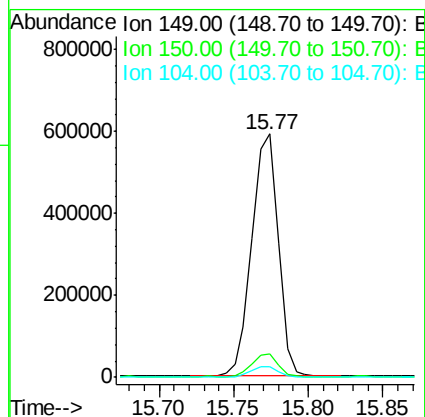
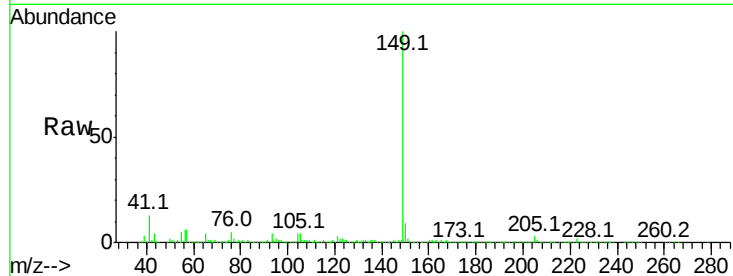
#73
Di-n-butylphthalate
Concen: 43.060 ng
RT: 15.77 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion:	149	Resp:	715565
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0

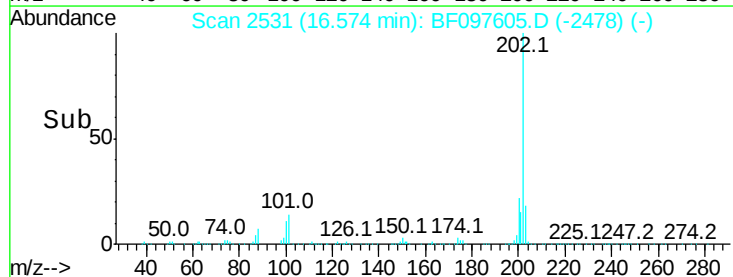
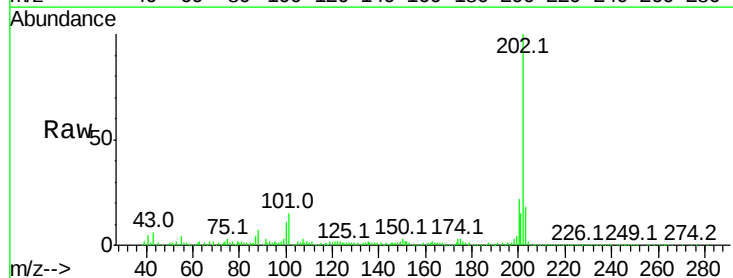
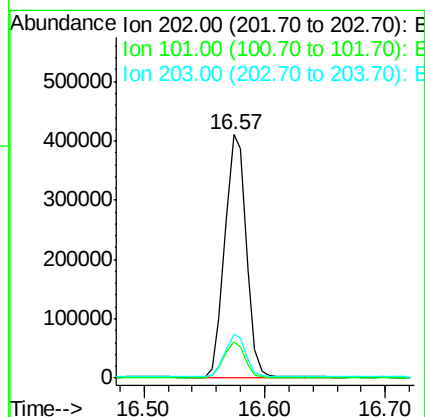
Manual Integrations
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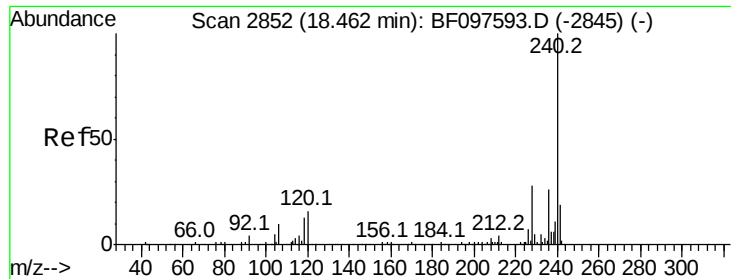
sohil
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#74
Fluoranthene
Concen: 38.340 ng
RT: 16.57 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion:	202	Resp:	504980
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.2
203	18.2	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: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

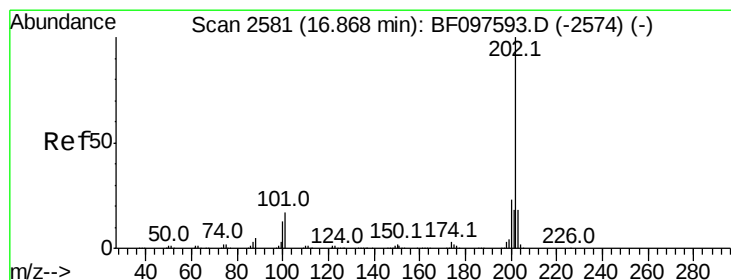
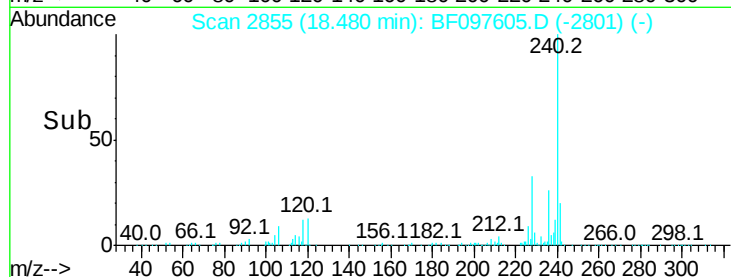
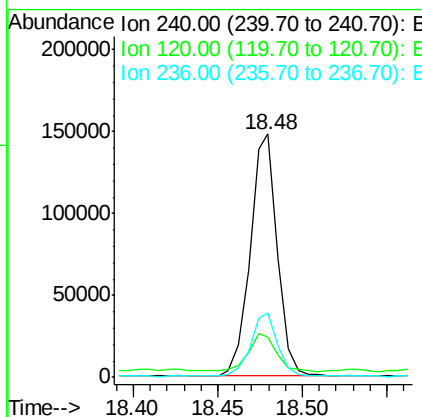
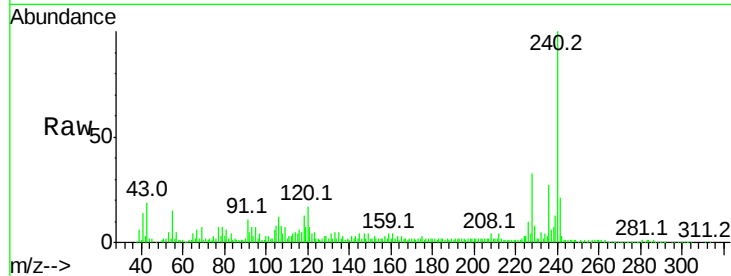
ClientSampleId :

VE-4-11MSD

Tot Ion:	240	Resp:	165386
Ion Ratio	Lower	Upper	
240	100		
120	16.5	5.8	8.8#
236	26.6	20.5	30.7

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#77

Pyrene

Concen: 36.819 ng

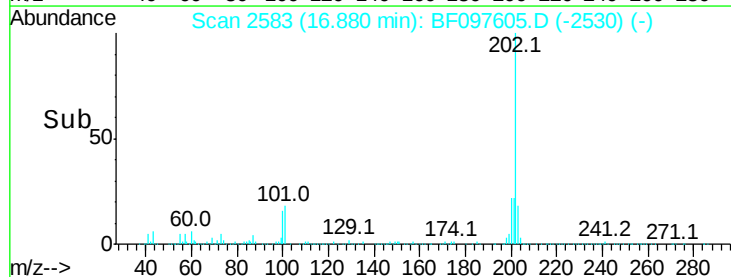
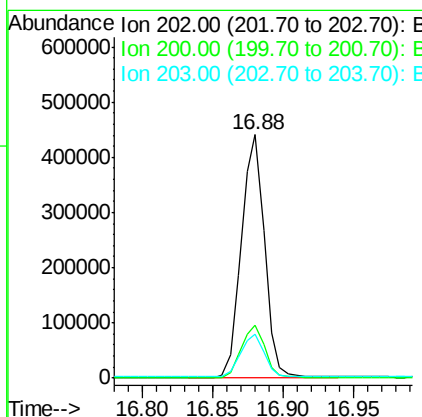
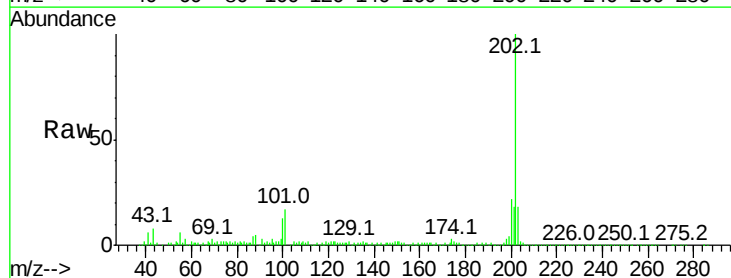
RT: 16.88 min Scan# 2583

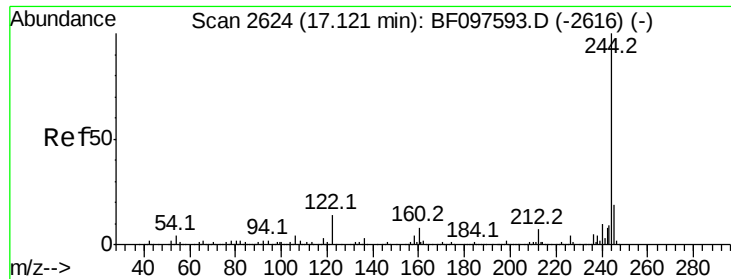
Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	202	Resp:	503562
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	18.2	14.4	21.6





#78

Terphenyl-d14

Concen: 61.962 ng

RT: 17.13 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

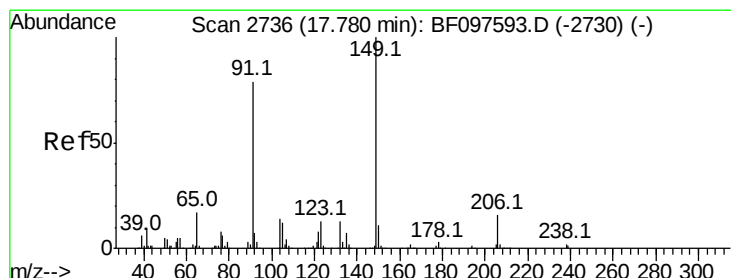
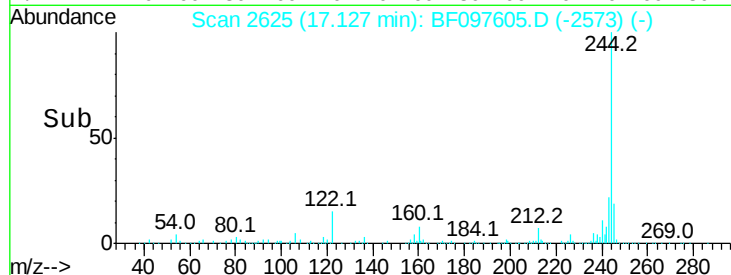
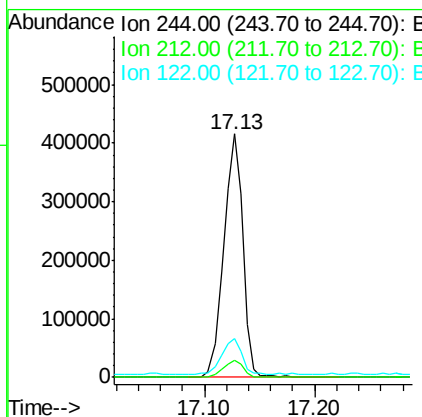
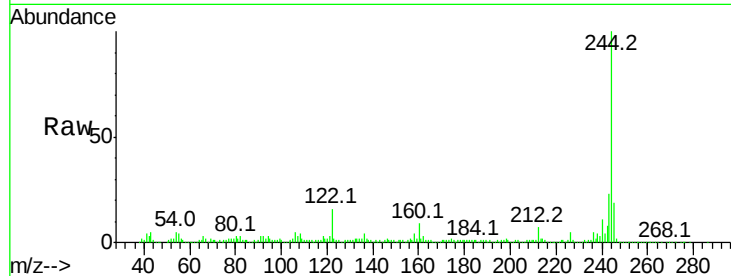
ClientSampleId :

VE-4-11MSD

Tot Ion:	244	Resp:	495135
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	16.1	10.3	15.5#

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#79

Butylbenzylphthalate

Concen: 44.887 ng

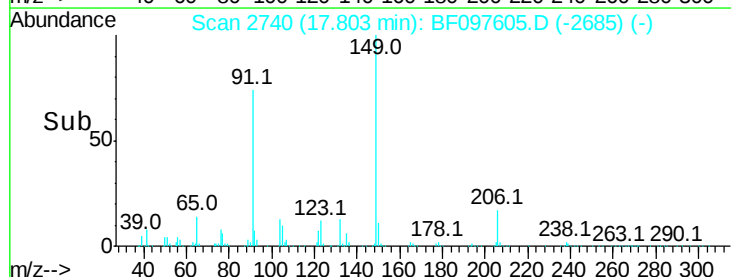
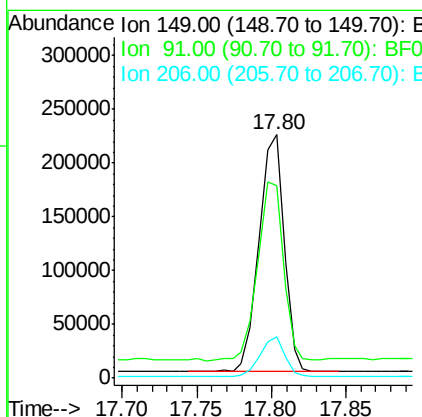
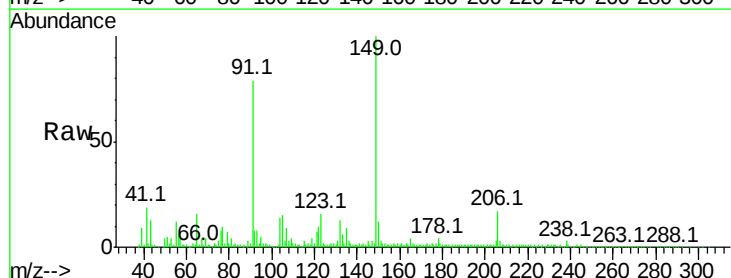
RT: 17.80 min Scan# 2740

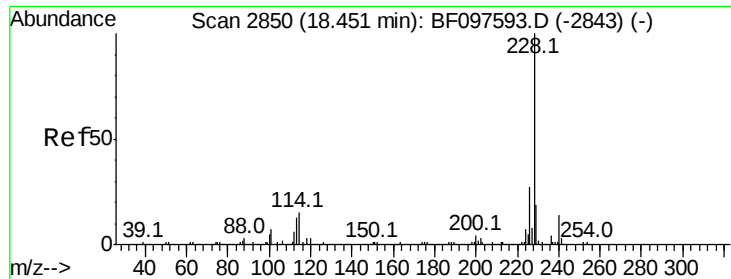
Delta R.T. 0.02 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	149	Resp:	256646
Ion Ratio	Lower	Upper	
149	100		
91	79.0	45.0	67.4#
206	17.0	17.0	25.6#





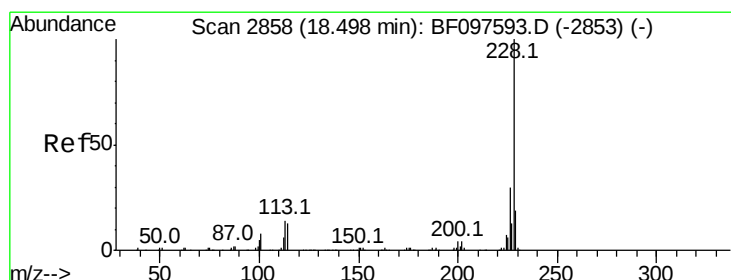
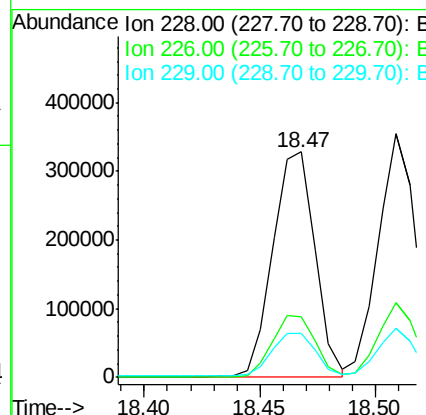
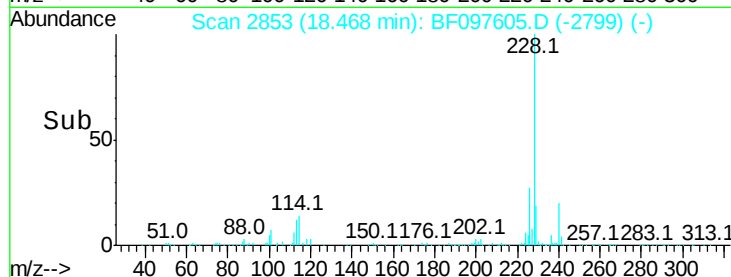
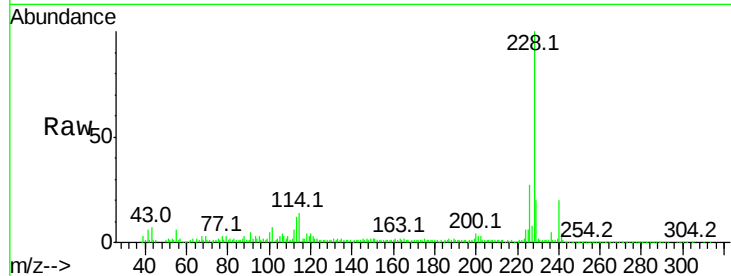
#80
Benzo(a)anthracene
Concen: 42.664 ng
RT: 18.47 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.6	16.3	24.5

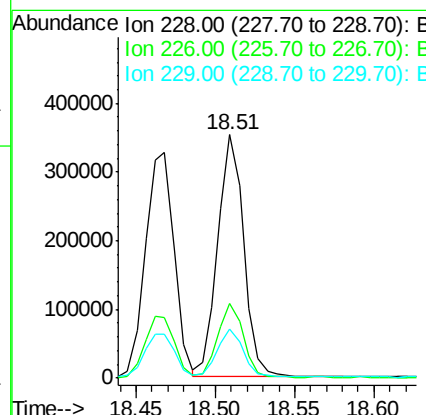
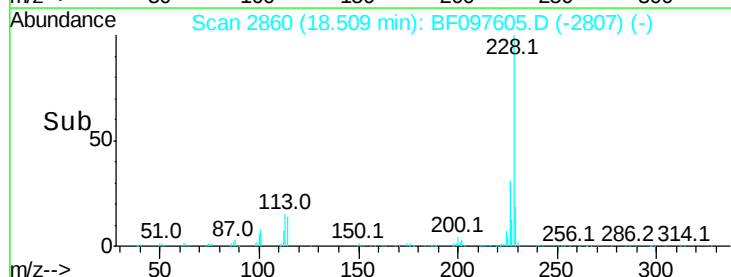
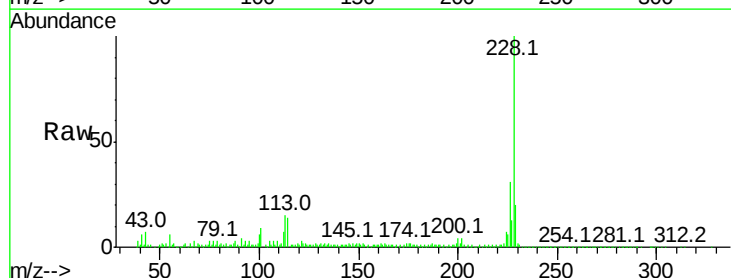
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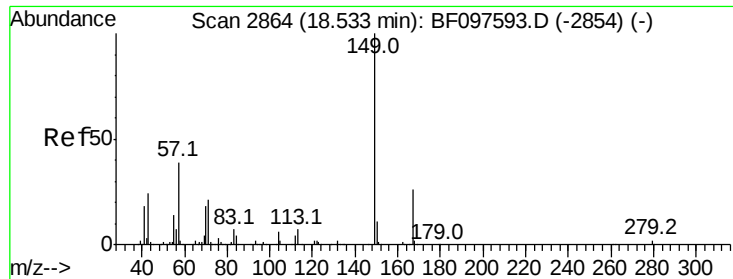
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#82
Chrysene
Concen: 41.987 ng
RT: 18.51 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.9	15.8	23.6





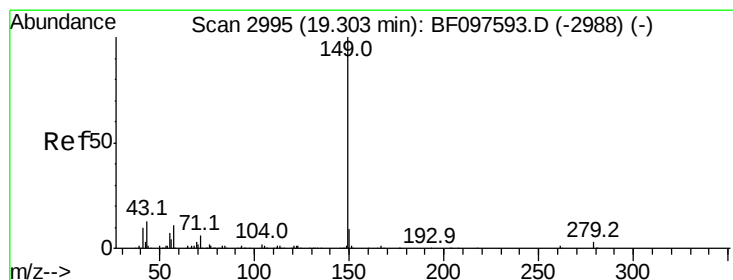
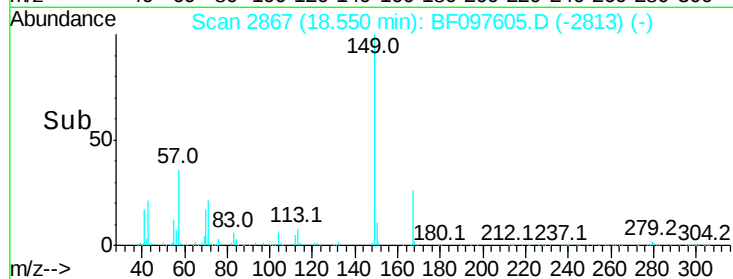
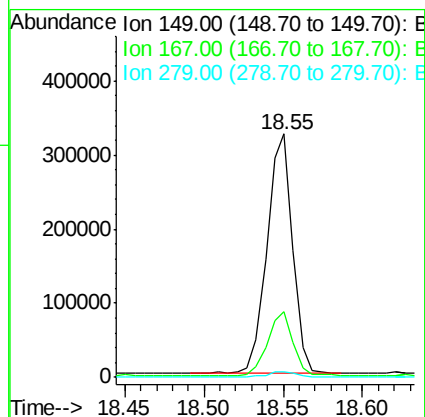
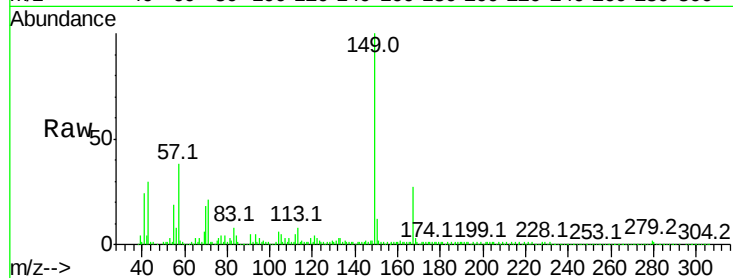
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.782 ng
 RT: 18.55 min Scan# 2867
 Delta R.T. 0.02 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	2.5	1.9	2.9	

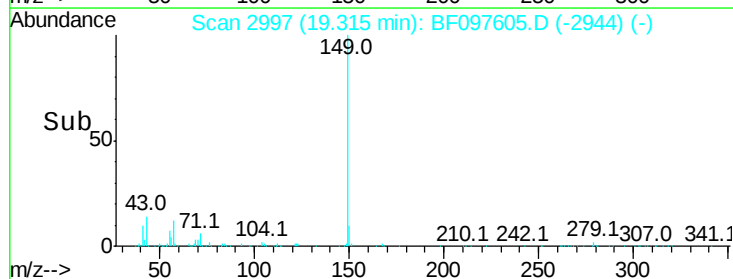
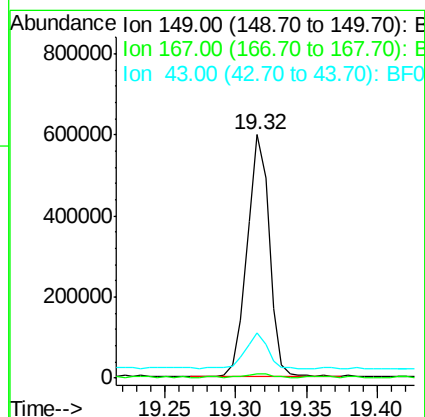
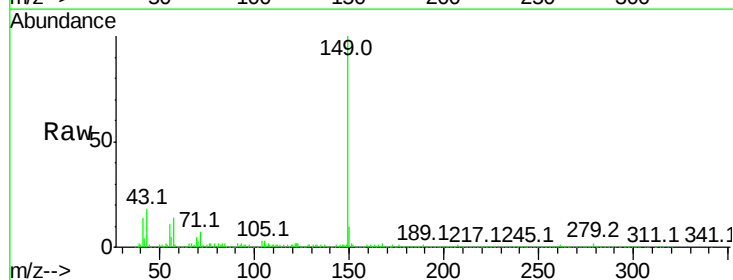
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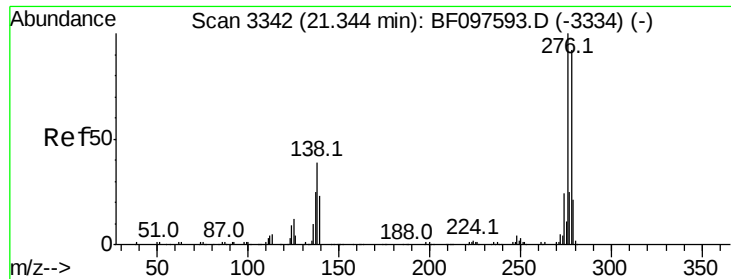
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#84
 Di-n-octyl phthalate
 Concen: 45.759 ng
 RT: 19.32 min Scan# 2997
 Delta R.T. 0.01 min
 Lab File: BF097605.D
 Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	15.2	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 65.566 ng

RT: 21.37 min Scan# 3347

Delta R.T. 0.03 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

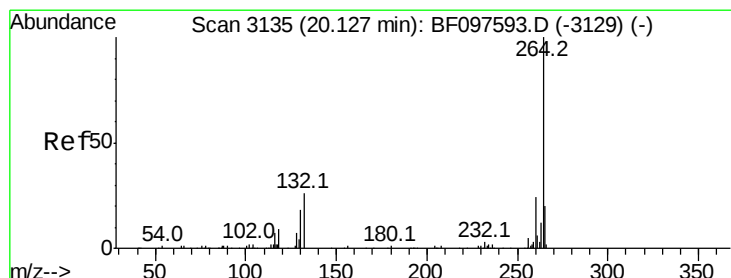
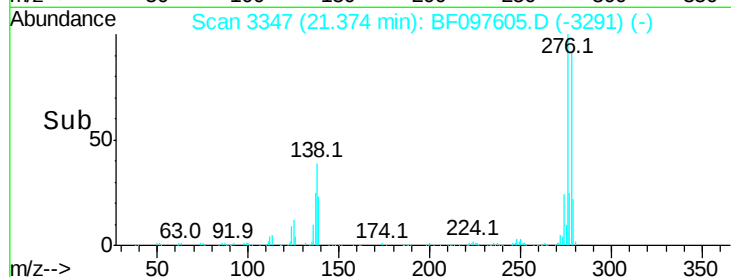
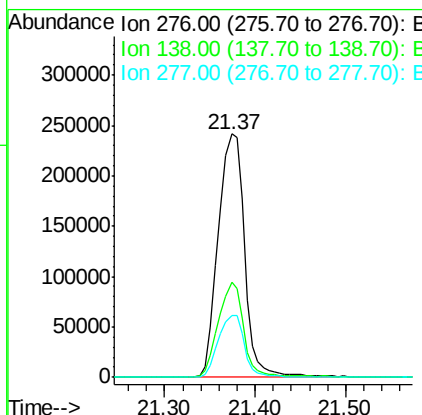
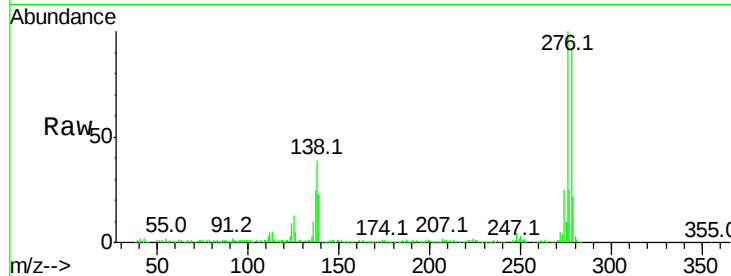
ClientSampleId :

VE-4-11MSD

Tot Ion:	276	Resp:	489937
Ion Ratio	Lower	Upper	
276	100		
138	36.9	27.8	41.6
277	25.3	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

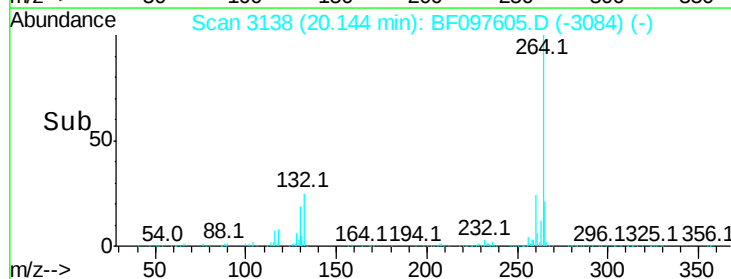
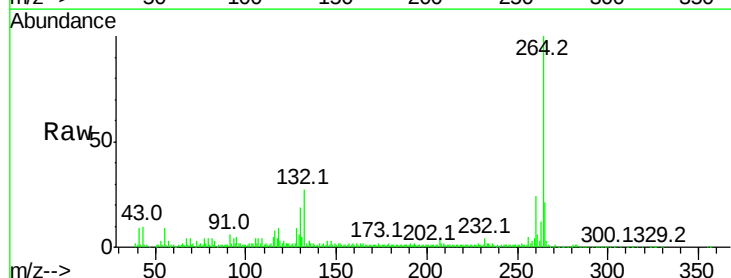
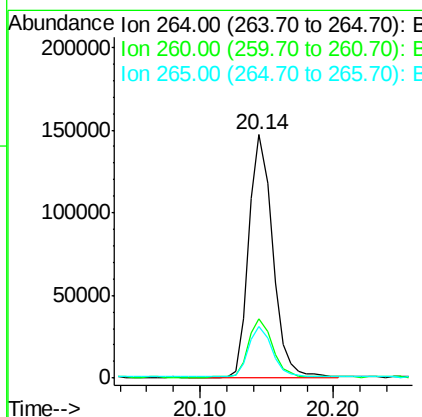
RT: 20.14 min Scan# 3138

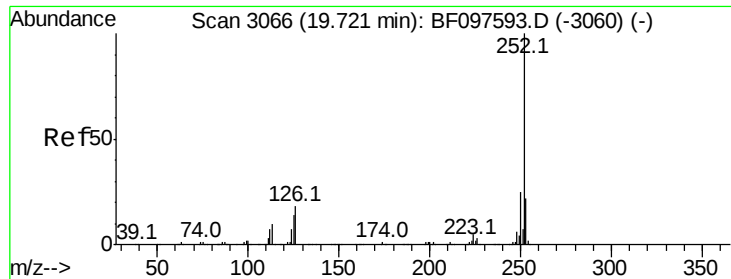
Delta R.T. 0.02 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Tgt Ion:	264	Resp:	179586
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.1	17.2	25.8





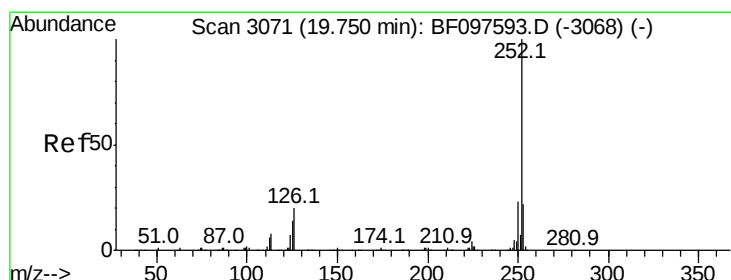
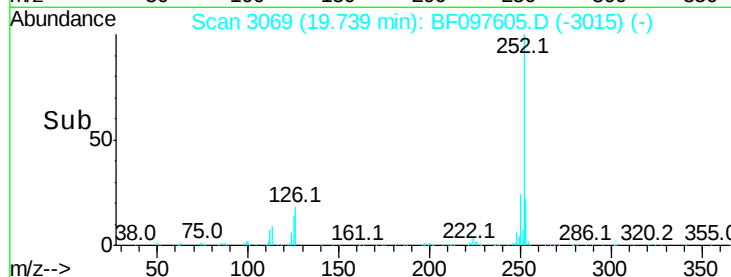
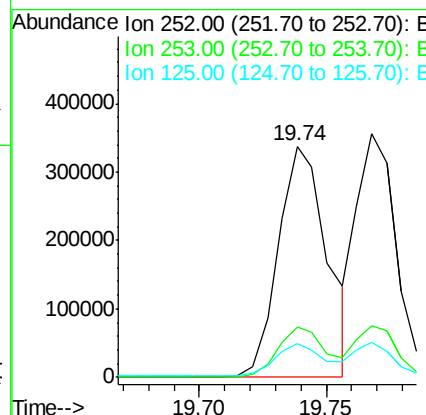
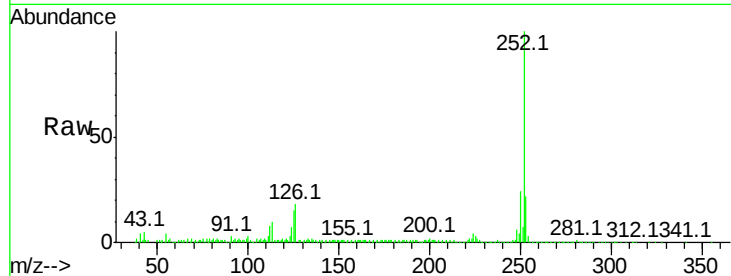
#87
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 19.74 min Scan# 3069
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.7	9.8	14.8

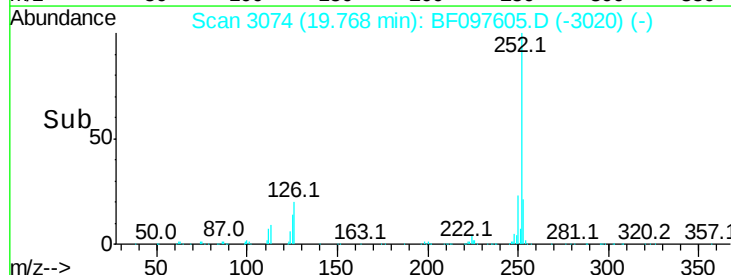
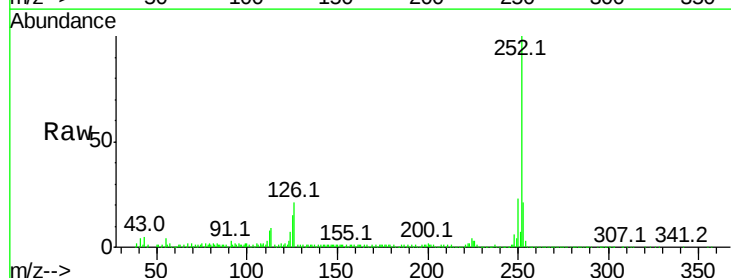
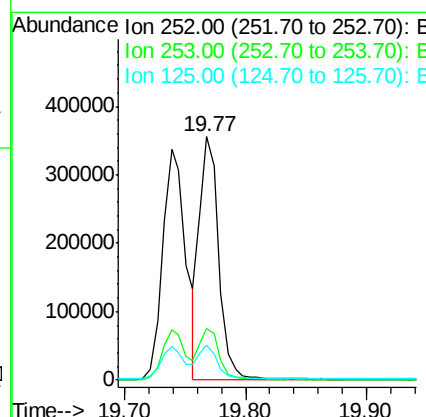
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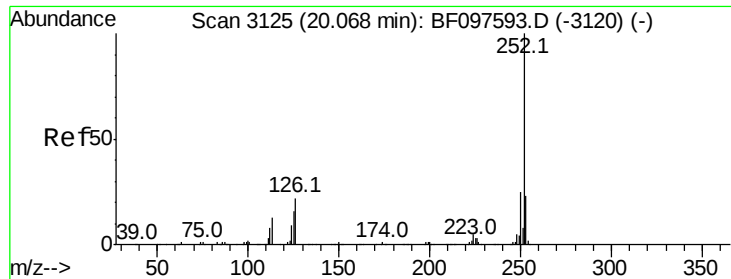
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#88
Benzo(k)fluoranthene
Concen: 36.330 ng
RT: 19.77 min Scan# 3074
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	14.5	13.1	19.7





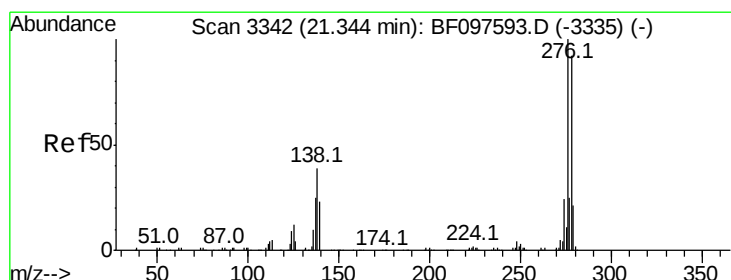
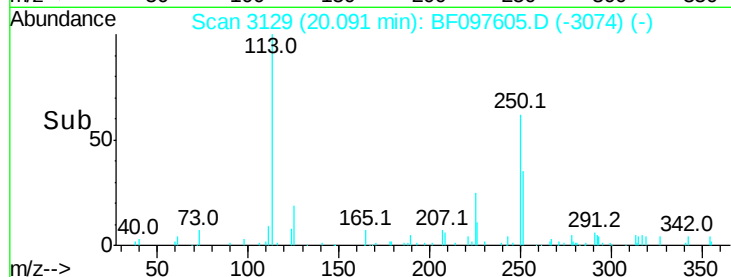
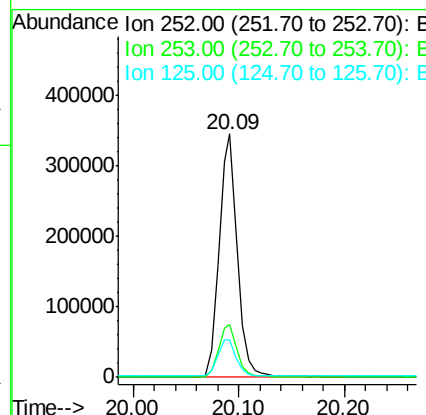
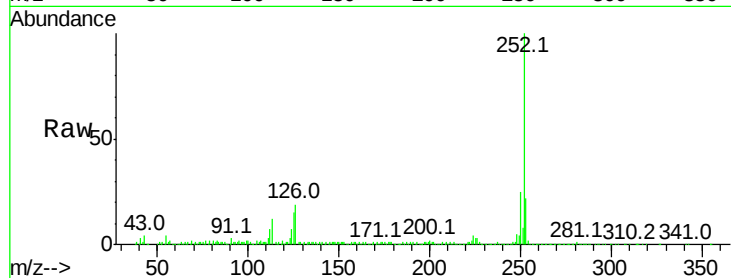
#89
Benzo(a)pyrene
Concen: 42.333 ng
RT: 20.09 min Scan# 3129
Delta R.T. 0.02 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	15.4	11.0	16.4

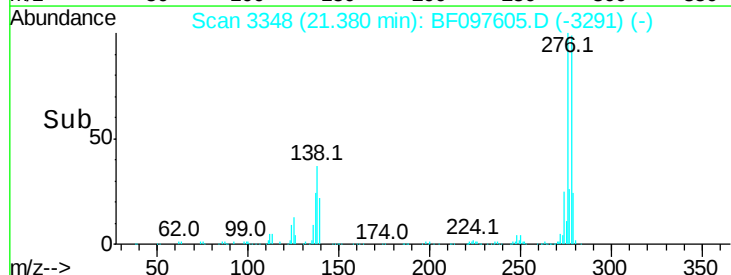
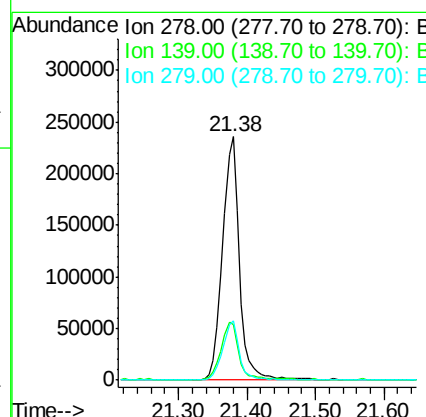
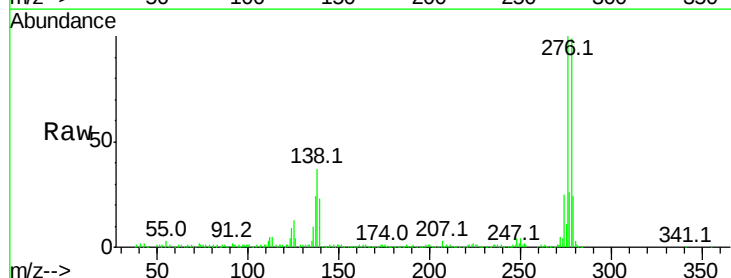
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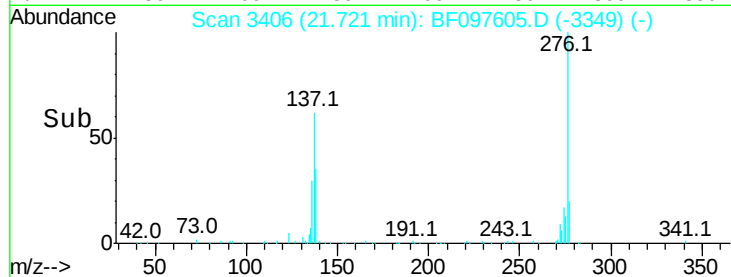
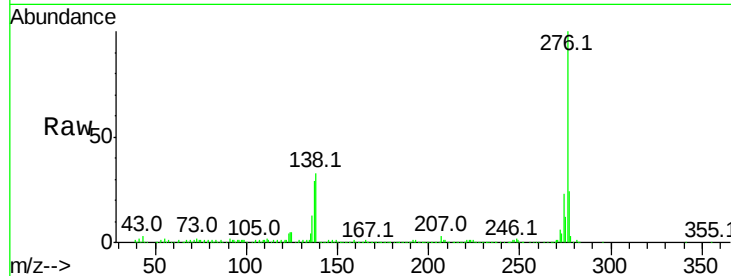
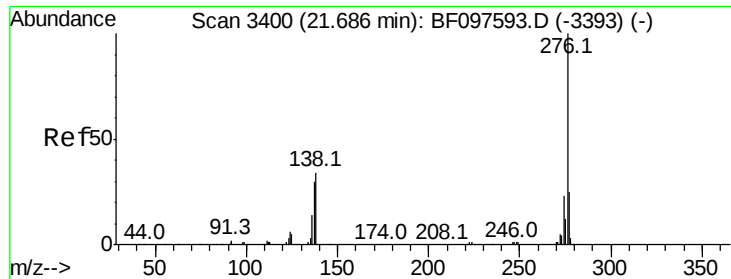
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#90
Dibenzo(a,h)anthracene
Concen: 56.914 ng
RT: 21.38 min Scan# 3348
Delta R.T. 0.04 min
Lab File: BF097605.D
Acq: 11 Aug 2017 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	24.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 56.274 ng

RT: 21.72 min Scan# 3406

Delta R.T. 0.04 min

Lab File: BF097605.D

Acq: 11 Aug 2017 20:47

Instrument :

BNA_F

ClientSampleId :

VE-4-11MSD

Tot Ion: 276 Resp: 437499

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 33.4 25.4 38.0

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