

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097568.D
 Acq On : 10 Aug 2017 19:59
 Operator : SJ/JU
 Sample : I4631-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Manual Integrations
 APPROVED

Quant Time: Aug 11 11:53:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	107776	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	451885	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	175333	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	186619	20.00	ng	-0.02
75) Chrysene-d12	13.53	240	141388	20.00	ng	0.00
86) Perylene-d12	14.87	264	181013	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	472216	66.05	ng	-0.02
7) Phenol-d6	6.07	99	353974	43.37	ng	-0.01
23) Nitrobenzene-d5	6.97	82	619114	80.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	152806	110.31	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	897067	86.83	ng	-0.02
78) Terphenyl-d14	12.49	244	420258	60.60	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	41280	13.836	ng	# 75
3) Pyridine	2.56	79	32144	3.518	ng	# 63
4) n-Nitrosodimethylamine	2.45	42	69761	13.783	ng	# 74
6) Aniline	6.06	93	88848	8.651	ng	99
8) 2-Chlorophenol	6.19	128	274759	35.941	ng	93
9) Benzaldehyde	5.94	77	164372	34.024	ng	98
10) Phenol	6.09	94	142262	14.695	ng	91
11) bis(2-Chloroethyl)ether	6.14	93	301777	39.412	ng	89
12) 1,3-Dichlorobenzene	6.33	146	287437	34.890	ng	97
13) 1,4-Dichlorobenzene	6.41	146	296139	36.272	ng	96
14) 1,2-Dichlorobenzene	6.56	146	266675	37.409	ng	97
15) Benzyl Alcohol	6.56	79	146801	28.409	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.69	45	683332	44.494	ng	92
17) 2-Methylphenol	6.70	107	194484	32.963	ng	97
18) Hexachloroethane	6.89	117	100117	33.519	ng	# 77
19) n-Nitroso-di-n-propylamine	6.83	70	236905	44.097	ng	# 82
20) 3+4-Methylphenols	6.86	107	233970	30.362	ng	# 60
22) Acetophenone	6.82	105	448559	41.335	ng	# 99
24) Nitrobenzene	6.99	77	338179	42.154	ng	92
25) Isophorone	7.23	82	589620	39.086	ng	97
26) 2-Nitrophenol	7.30	139	178682	41.168	ng	# 82
27) 2,4-Dimethylphenol	7.37	122	260804	36.427	ng	98
28) bis(2-Chloroethoxy)methane	7.45	93	401393	40.774	ng	99
29) 2,4-Dichlorophenol	7.57	162	256937	41.657	ng	96
30) 1,2,4-Trichlorobenzene	7.63	180	217141	36.934	ng	95
31) Naphthalene	7.70	128	849157	39.864	ng	100
32) Benzoic acid	7.53	122	61715	11.544	ng	96
33) 4-Chloroaniline	7.77	127	127511	14.711	ng	97
34) Hexachlorobutadiene	7.82	225	109903	35.262	ng	98
35) Caprolactam	8.19	113	12923m	6.534	ng	
36) 4-Chloro-3-methylphenol	8.27	107	239459	35.586	ng	89
37) 2-Methylnaphthalene	8.39	142	561641	41.643	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	202058	43.190	ng	99
40) Hexachlorocyclopentadiene	8.54	237	42340	30.340	ng	99

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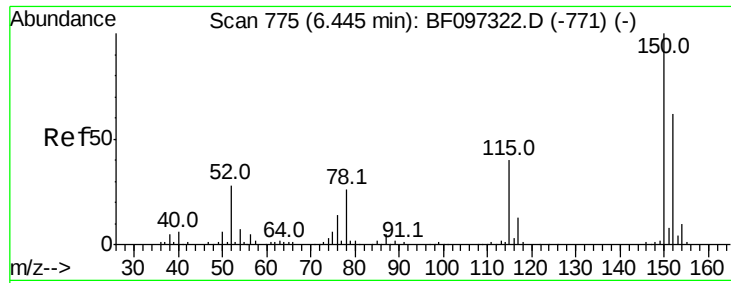
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	142218	41.949	nq	96
43) 2,4,5-Trichlorophenol	8.74	196	132911	39.168	nq	99
45) 1,1'-Biphenyl	8.86	154	628741	41.984	nq	98
46) 2-Chloronaphthalene	8.87	162	484392	43.954	nq #	92
47) 2-Nitroaniline	8.99	65	176194	44.054	nq	96
48) Acenaphthylene	9.29	152	719219	42.518	nq	99
49) Dimethylphthalate	9.17	163	599290	45.010	nq	99
50) 2,6-Dinitrotoluene	9.24	165	117361	41.560	nq #	82
51) Acenaphthene	9.46	154	423639	42.517	nq	97
52) 3-Nitroaniline	9.41	138	65718	18.749	nq #	92
53) 2,4-Dinitrophenol	9.54	184	45003	35.050	nq #	76
54) Dibenzofuran	9.63	168	635803	47.906	nq	98
55) 4-Nitrophenol	9.66	139	39494m	18.947	nq	
56) 2,4-Dinitrotoluene	9.65	165	154913	47.719	nq #	73
57) Fluorene	9.97	166	426487	42.756	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.77	232	105677	45.103	nq	94
59) Diethylphthalate	9.86	149	520035	42.573	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	185903	45.132	nq	100
61) 4-Nitroaniline	10.02	138	57803	17.355	nq	97
62) Azobenzene	10.13	77	523085	46.160	nq	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	38382	33.098	nq	92
65) n-Nitrosodiphenylamine	10.09	169	400458	61.673	nq	96
66) 4-Bromophenyl-phenylether	10.45	248	118086	63.405	nq	99
67) Hexachlorobenzene	10.52	284	118935	56.948	nq #	91
68) Atrazine	10.66	200	65020	34.920	nq	97
69) Pentachlorophenol	10.73	266	67297m	77.879	nq	
70) Phenanthrene	10.92	178	460864	46.090	nq	99
71) Anthracene	10.97	178	465424	45.446	nq	99
72) Carbazole	11.15	167	382527	37.979	nq	99
73) Di-n-butylphthalate	11.48	149	525880	42.239	nq	99
74) Fluoranthene	12.11	202	400554	40.891	nq	98
77) Pyrene	12.33	202	453239	39.157	nq	99
79) Butylbenzylphthalate	12.97	149	244383	41.506	nq #	71
80) Benzo(a)anthracene	13.53	228	391168	42.758	nq	99
82) Chrysene	13.56	228	385583	43.163	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	279807	36.397	nq	99
84) Di-n-octyl phthalate	14.14	149	595294	42.196	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.07	276	409003	53.395	nq	99
87) Benzo(b)fluoranthene	14.53	252	444231	40.826	nq	98
88) Benzo(k)fluoranthene	14.55	252	413237	39.854	nq	96
89) Benzo(a)pyrene	14.83	252	433824	43.563	nq	99
90) Dibenzo(a,h)anthracene	16.07	278	345061	42.253	nq	96
91) Benzo(g,h,i)perylene	16.42	276	325301	37.985	nq	99

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



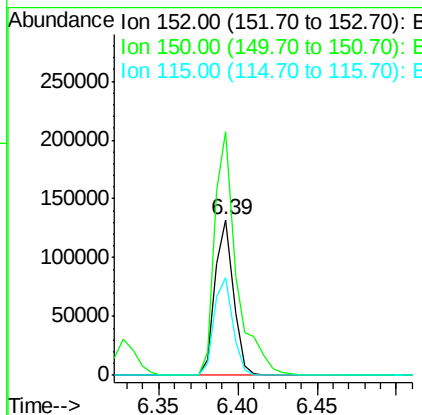
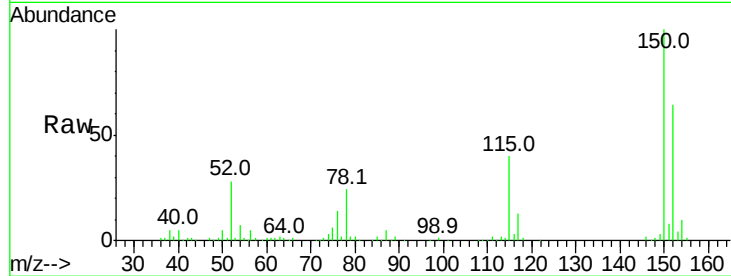
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

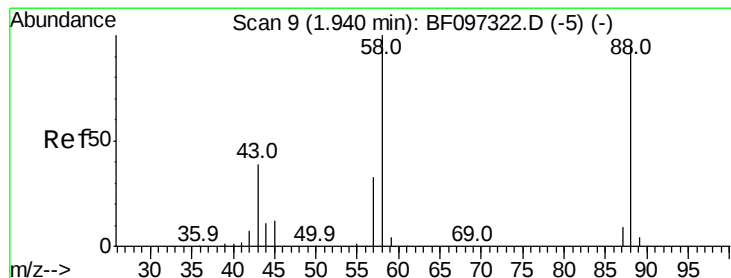
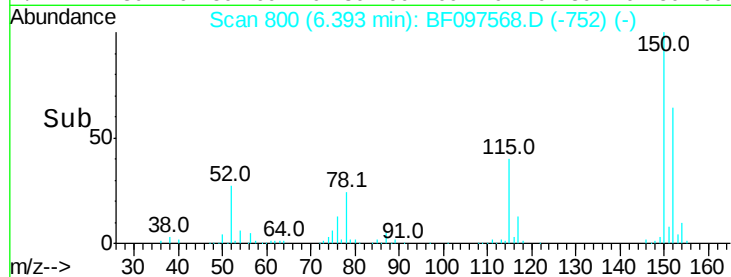
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	62.8	52.2	78.2

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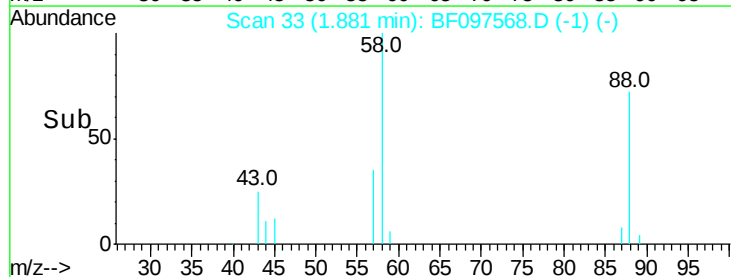
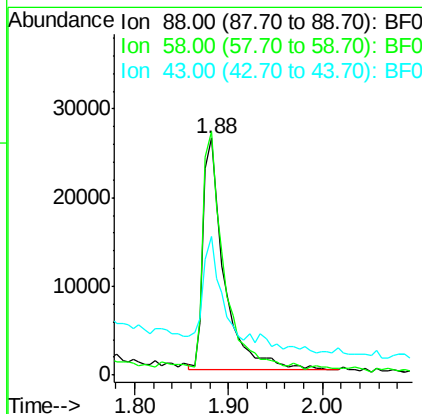
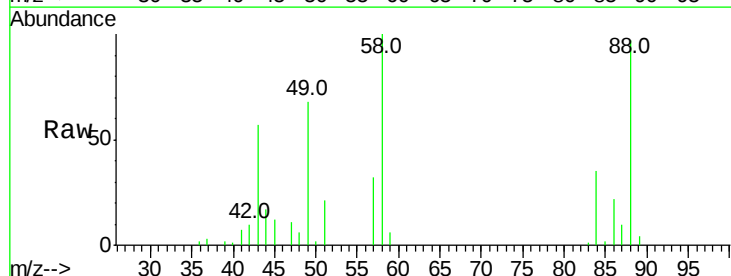
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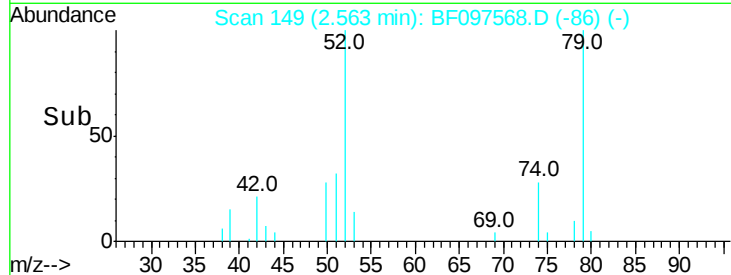
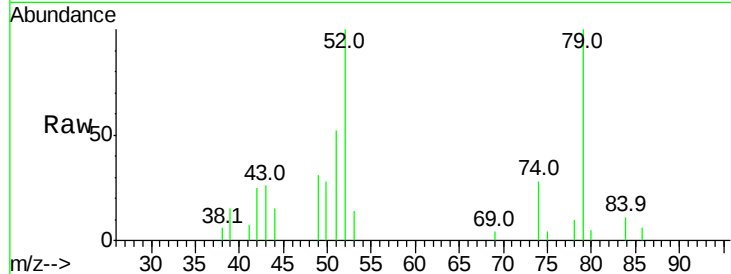
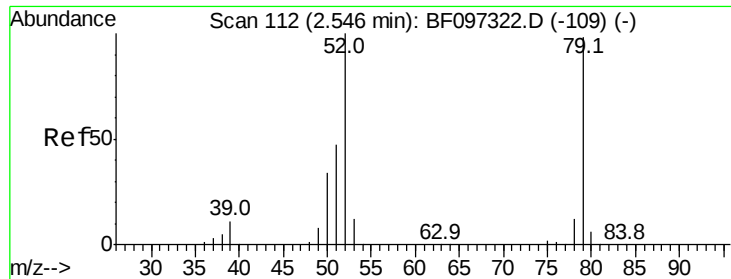


#2

1,4-Dioxane
Concen: 13.836 ng
RT: 1.88 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	61.4	92.0#
43	35.5	23.4	35.0#



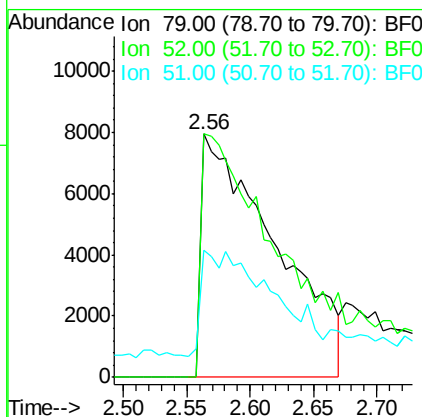


#3
Pvridine
Concen: 3.518 ng
RT: 2.56 min Scan# 149
Delta R.T. 0.07 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tot Ion: 79 Resp: 32144
Ion Ratio Lower Upper
79 100
52 99.9 54.8 82.2#
51 52.2 27.0 40.4#

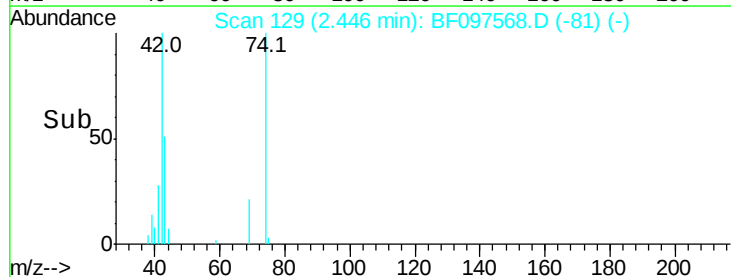
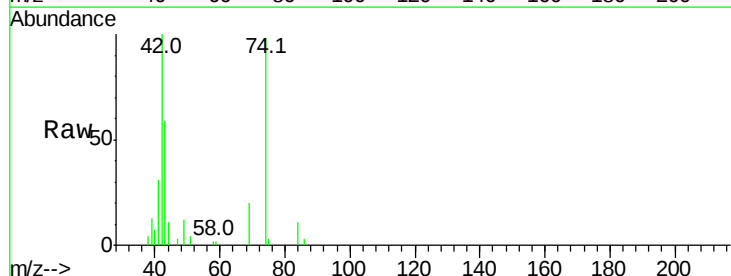
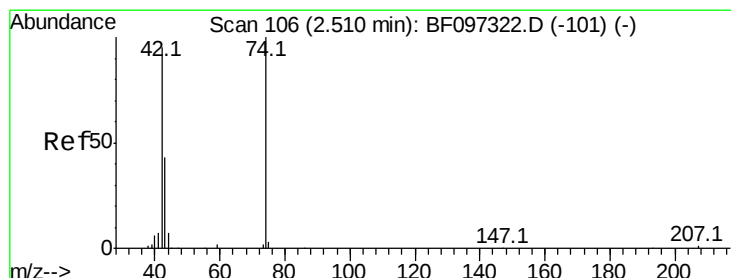
Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Manual Integrations
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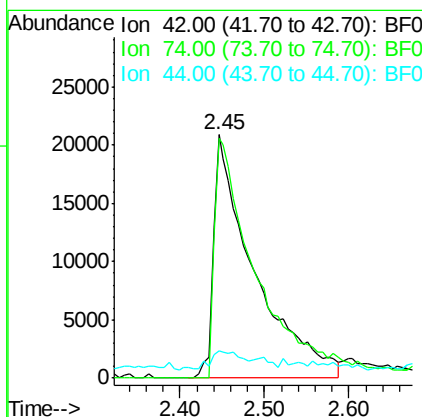
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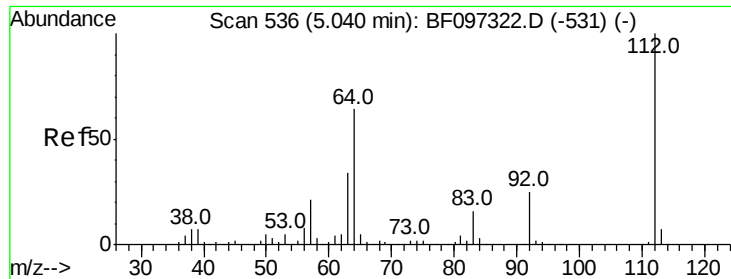
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#4
n-Nitrosodimethylamine
Concen: 13.783 ng
RT: 2.45 min Scan# 129
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion: 42 Resp: 69761
Ion Ratio Lower Upper
42 100
74 98.4 103.9 155.9#
44 11.3 5.7 8.5#



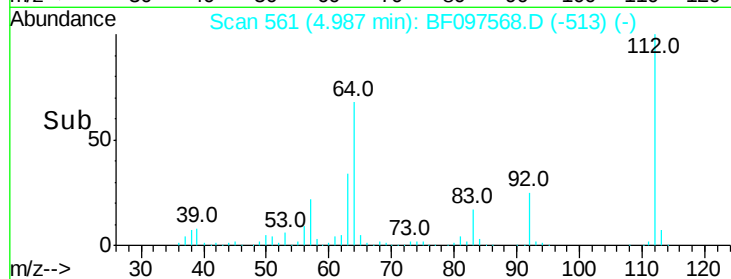
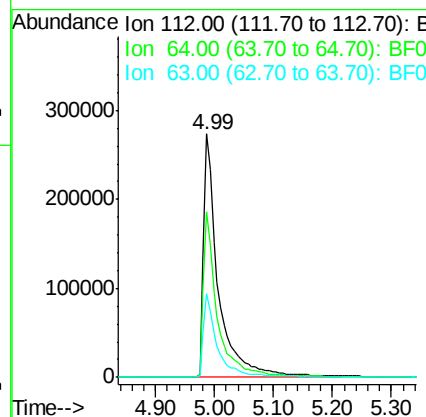
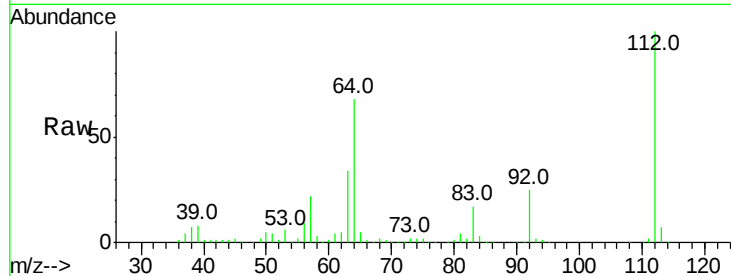


#5
 2-Fluorophenol
 Concen: 66.050 ng
 RT: 4.99 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

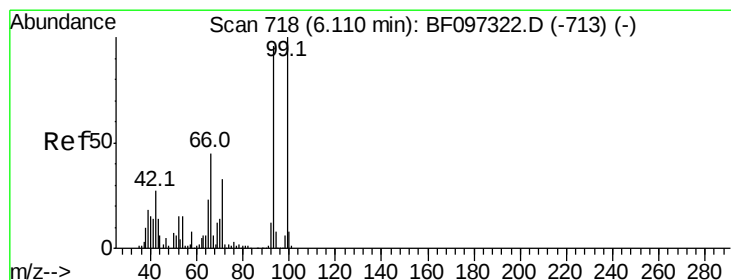
Tot Ion:	112	Resp:	472216
Ion Ratio	Lower	Upper	
112	100		
64	68.2	46.0	69.0
63	34.4	23.4	35.0

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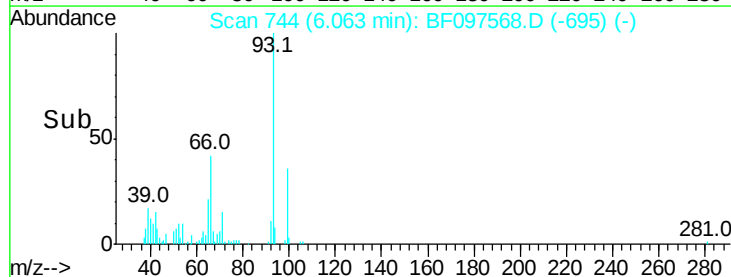
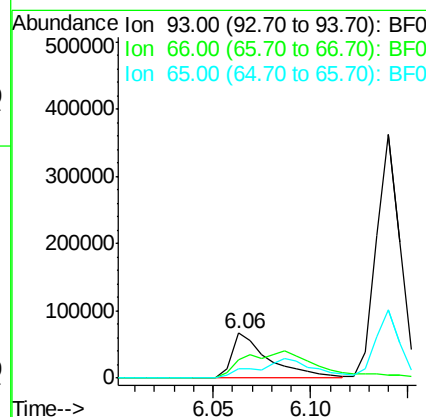
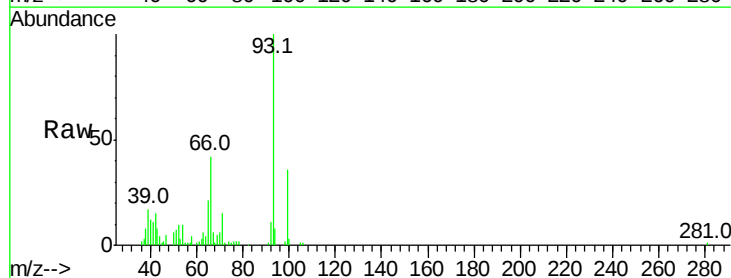
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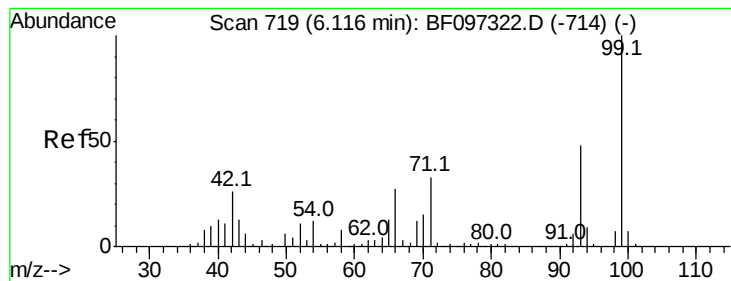
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#6
 Aniline
 Concen: 8.651 ng
 RT: 6.06 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion:	93	Resp:	88848
Ion Ratio	Lower	Upper	
93	100		
66	41.7	32.9	49.3
65	20.9	16.0	24.0





#7

Phenol-d6

Concen: 43.369 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

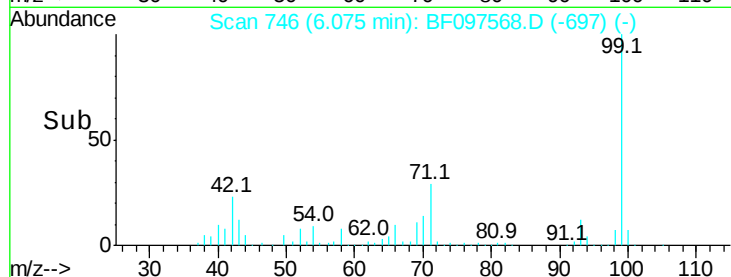
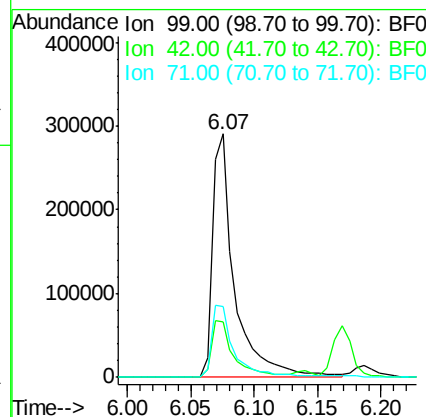
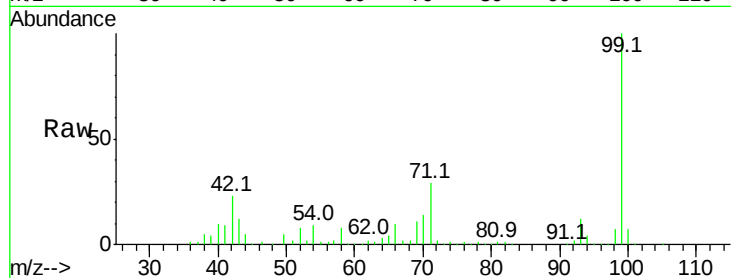
BNA_F

ClientSampled :

VE-4-11MS

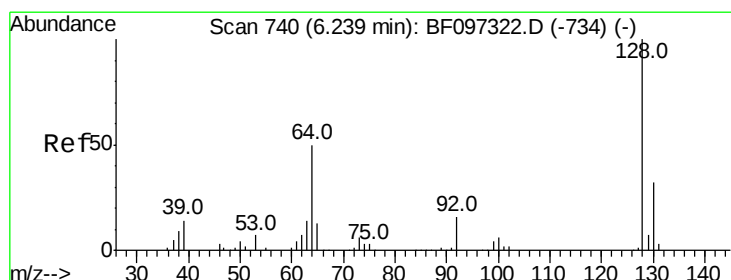
Tot Ion:	99	Resp:	353974
Ion Ratio	Lower	Upper	
99	100		
42	22.8	13.5	20.3#
71	29.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 35.941 ng

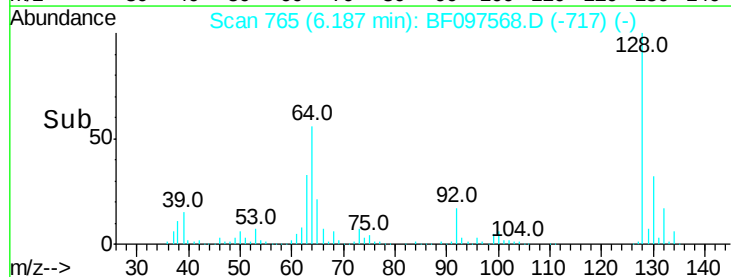
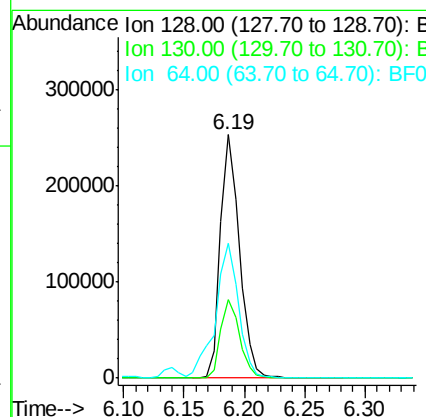
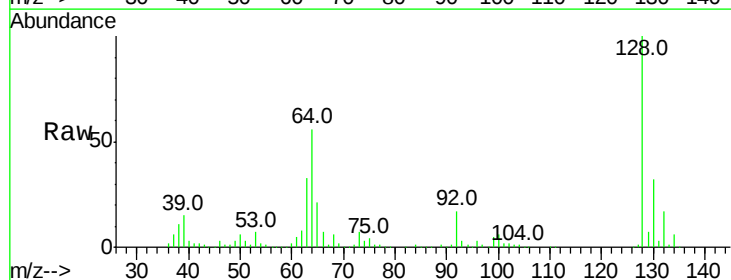
RT: 6.19 min Scan# 765

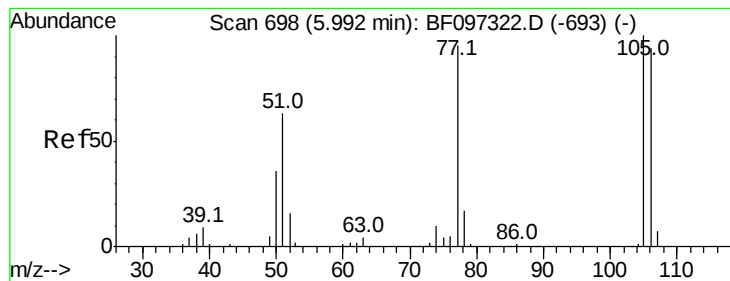
Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	128	Resp:	274759
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	55.5	28.4	68.4





#9

Benzaldehyde

Concen: 34.024 ng

RT: 5.94 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

BNA_F

ClientSampled :

VE-4-11MS

Tot Ion: 77 Resp: 164372

Ion Ratio Lower Upper

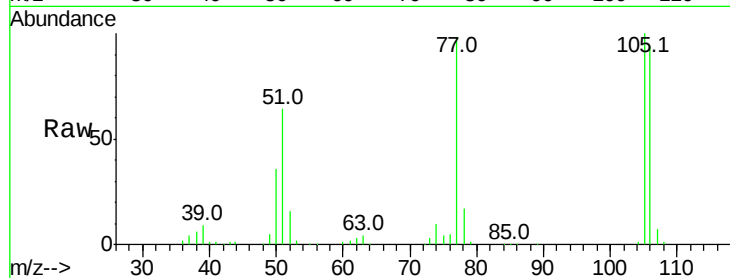
77 100

105 102.3 83.8 123.8

106 96.5 79.1 119.1

Manual Integrations

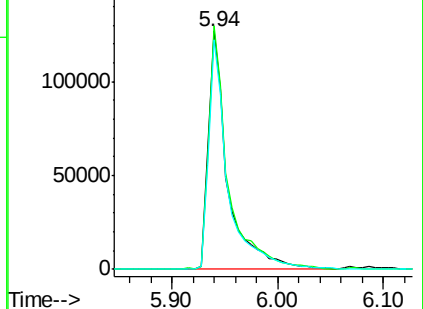
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Abundance Ion 77.00 (76.70 to 77.70): BF0

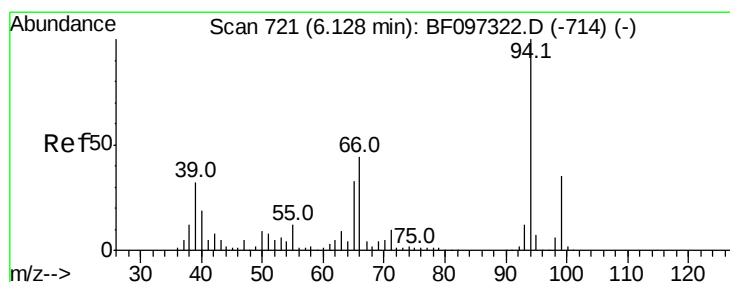
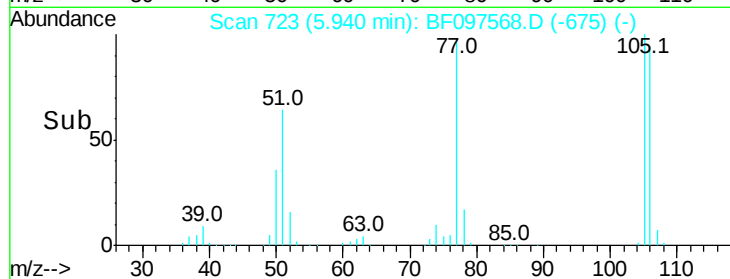
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 14.695 ng

RT: 6.09 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

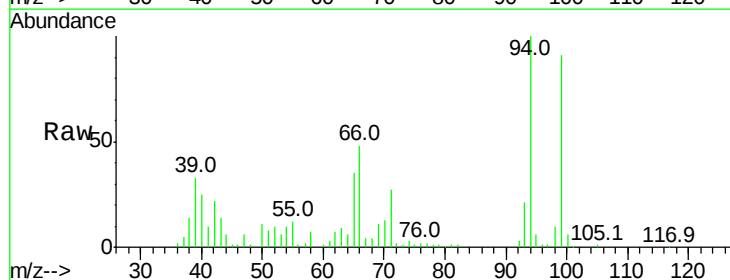
Tgt Ion: 94 Resp: 142262

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

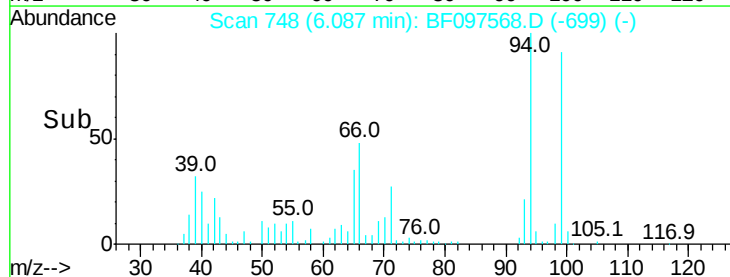
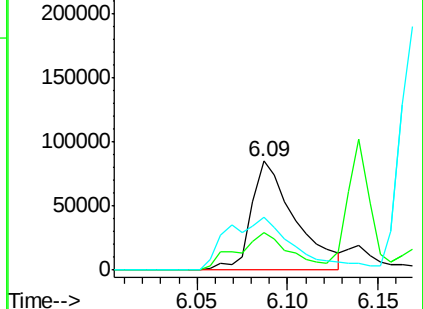
66 48.4 23.1 63.1

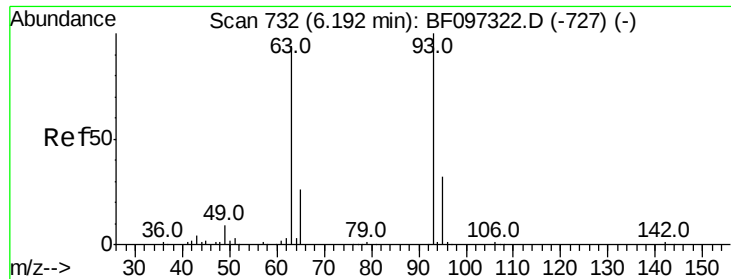


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



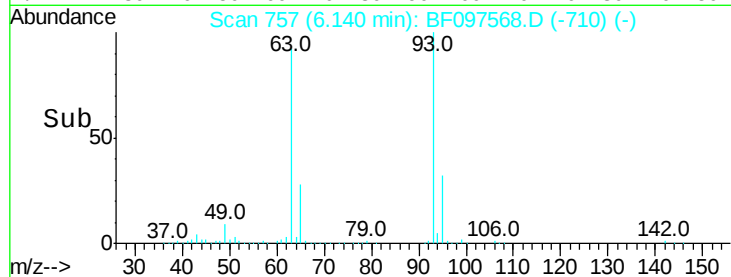
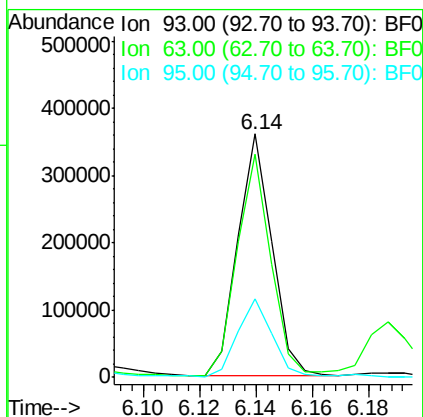
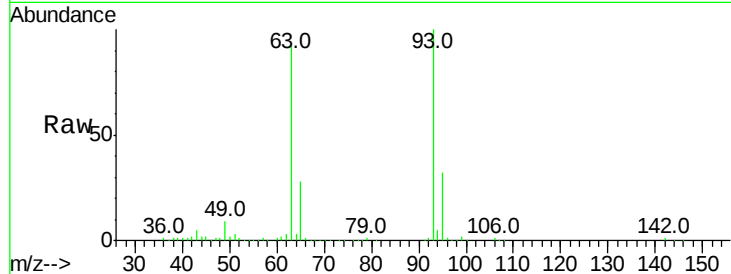


#11
bis(2-Chloroethyl)ether
Concen: 39.412 ng
RT: 6.14 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

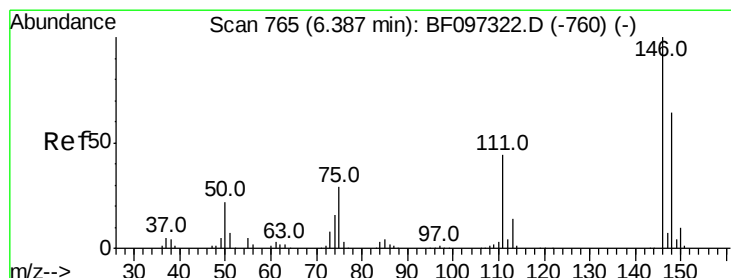
Tot Ion	Ratio	Resp	Lower	Upper
93	100	301777		
63	91.9	59.2	99.2	
95	32.3	12.8	52.8	

Manual Integrations
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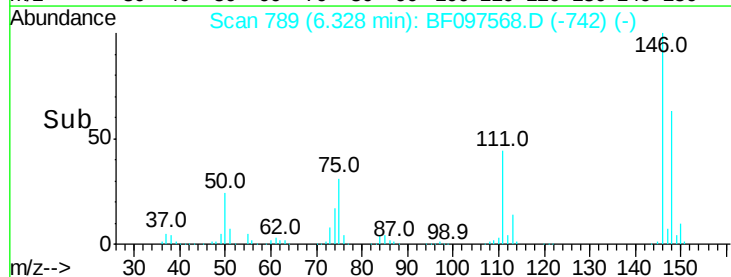
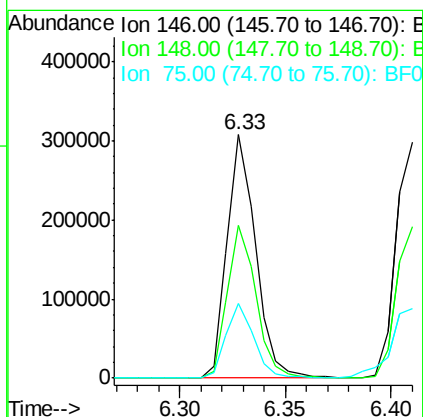
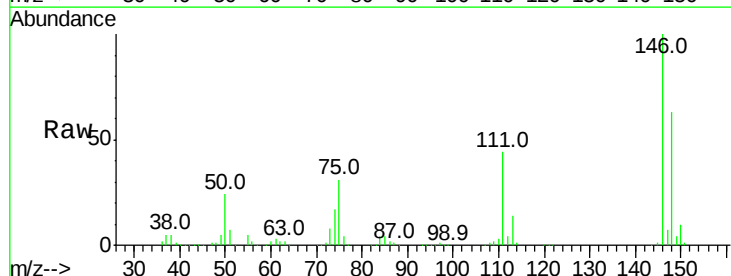
sohil

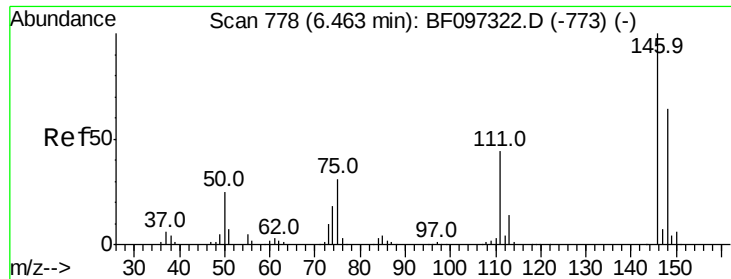
8/14/2017 6:33:57 PM



#12
1,3-Dichlorobenzene
Concen: 34.890 ng
RT: 6.33 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	287437		
148	62.6	51.8	77.6	
75	30.9	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 36.272 ng

RT: 6.41 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

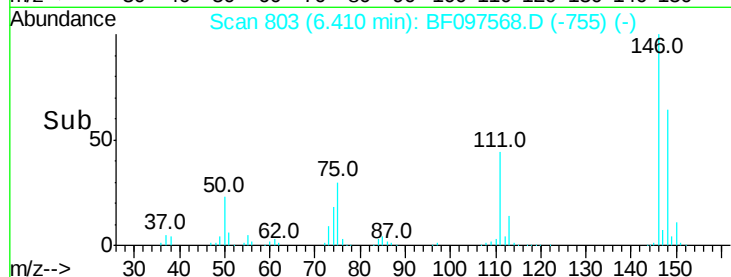
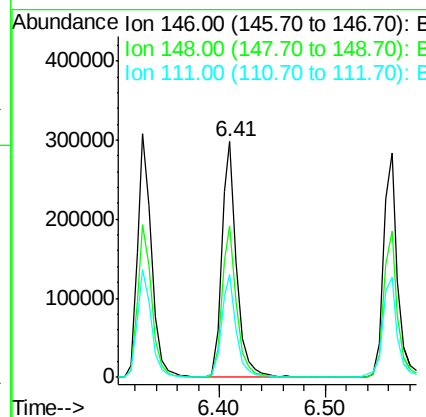
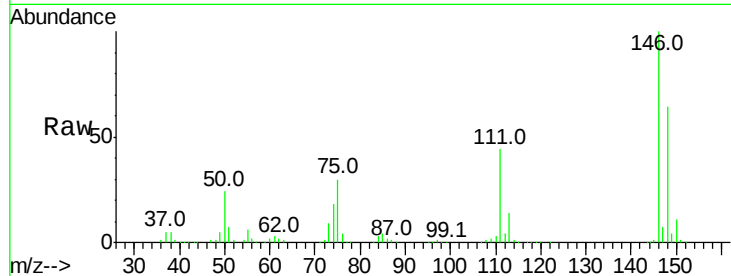
BNA_F

ClientSampled :

VE-4-11MS

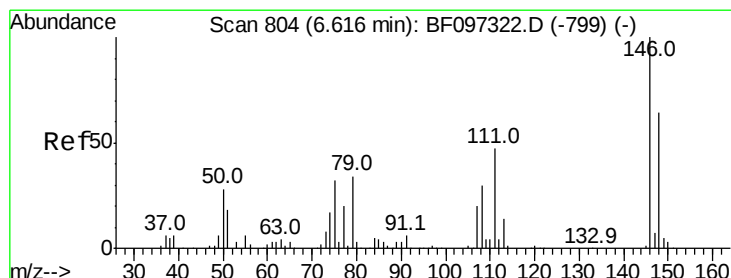
Tot Ion:	146	Resp:	296139
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	43.7	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.409 ng

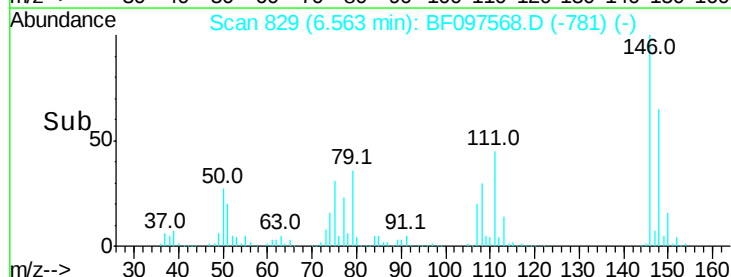
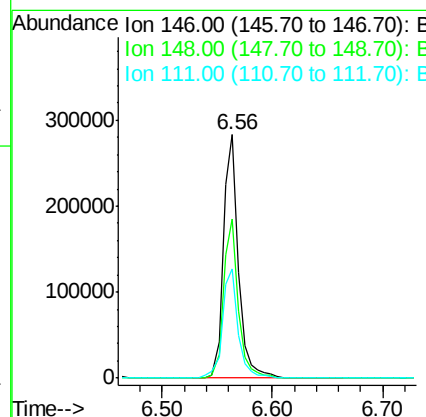
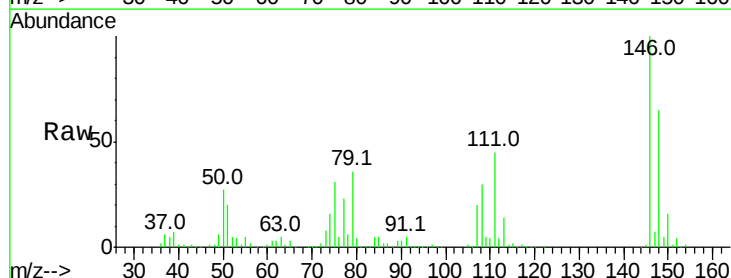
RT: 6.56 min Scan# 829

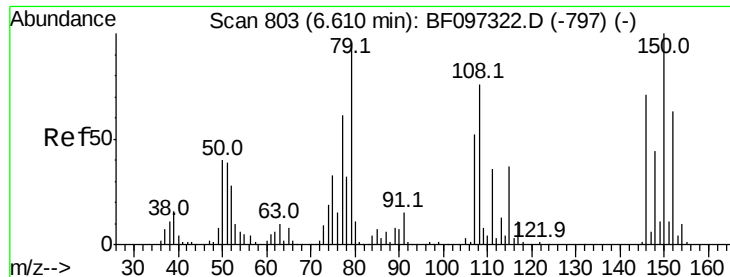
Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	146	Resp:	266675
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.4	75.6
111	45.0	38.2	57.4



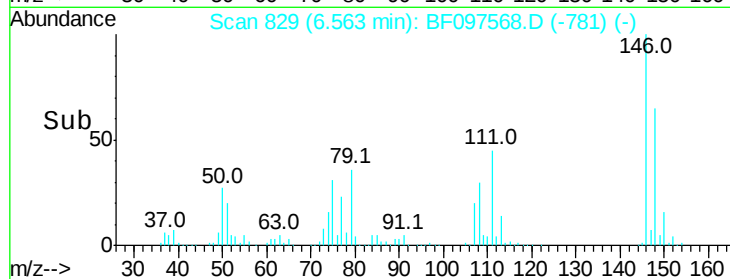
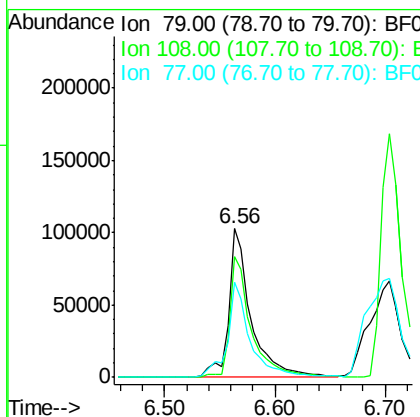
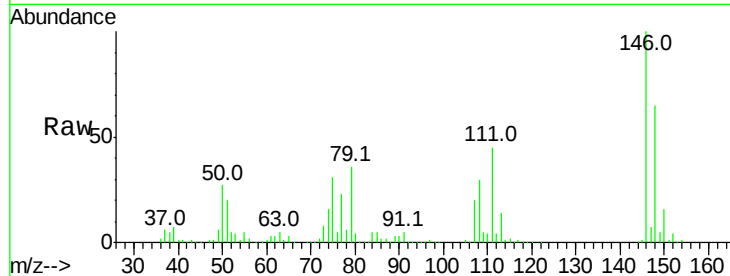


#15
Benzyl Alcohol
Concen: 28.409 ng
RT: 6.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

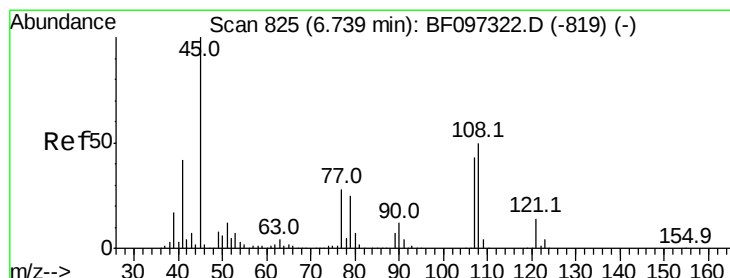
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	63.4	95.0
77	64.1	49.2	73.8

Manual Integrations
APPROVED



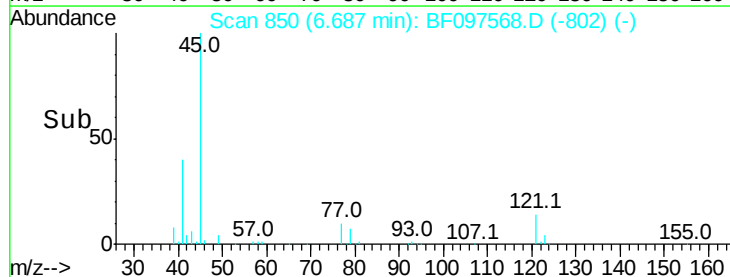
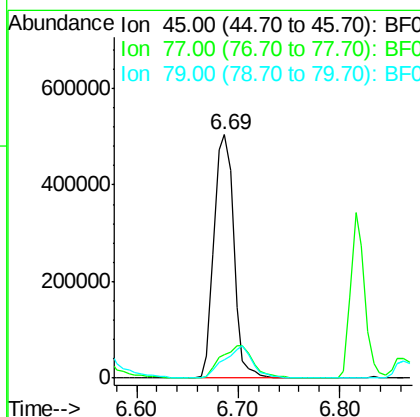
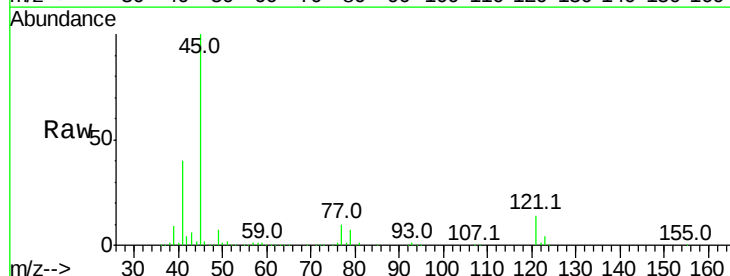
sohil

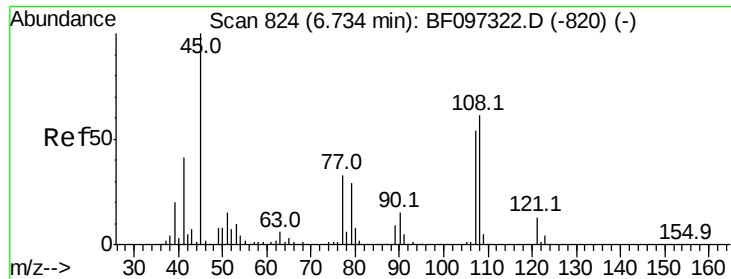
8/14/2017 6:33:57 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.494 ng
RT: 6.69 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	33.2
79	7.4	0.0	30.0



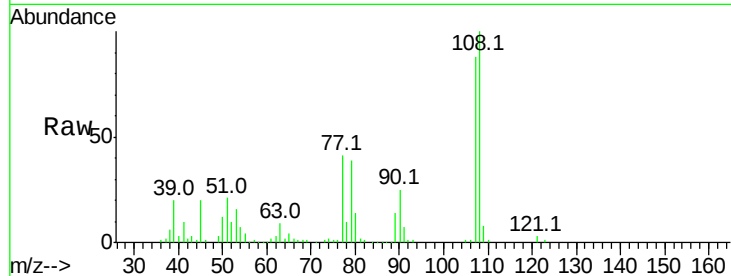


#17
2-Methylphenol
Concen: 32.963 ng
RT: 6.70 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

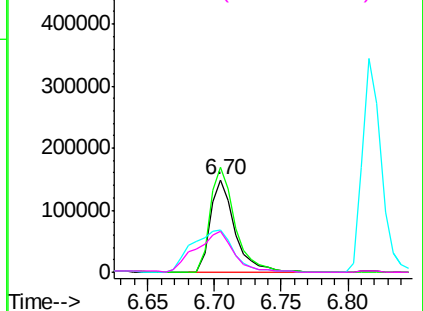
Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion:	107	Resp:	194484
Ion Ratio	Lower	Upper	
107	100		
108	113.1	93.4	140.0
77	45.9	35.8	53.6
79	44.6	34.8	52.2

Manual Integrations
APPROVED

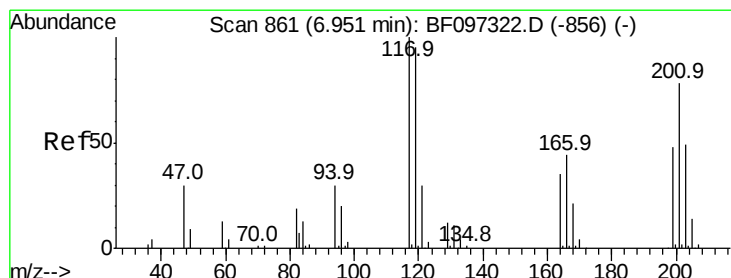
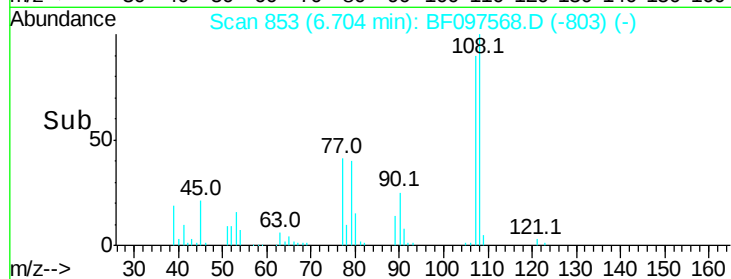


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



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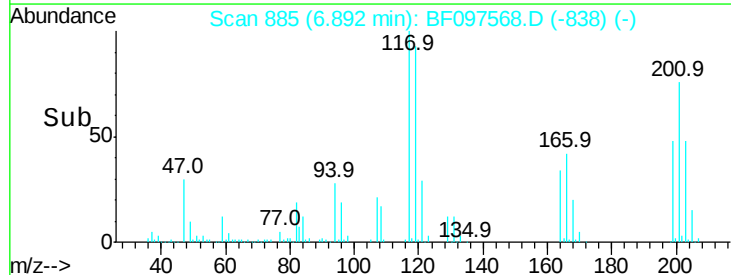
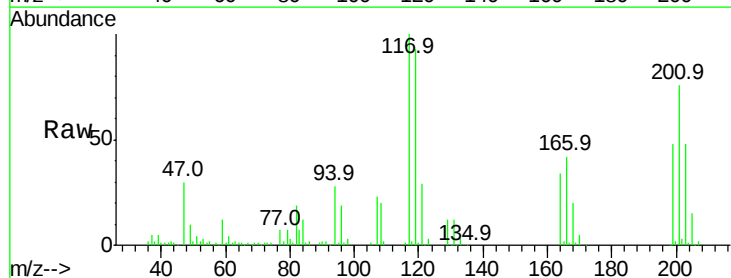
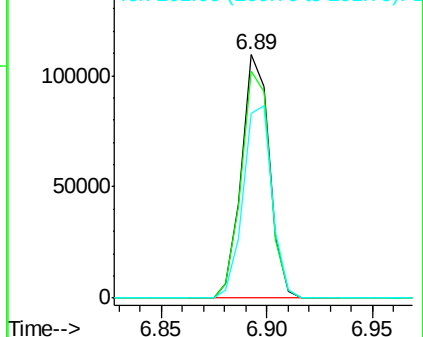
8/14/2017 6:33:57 PM

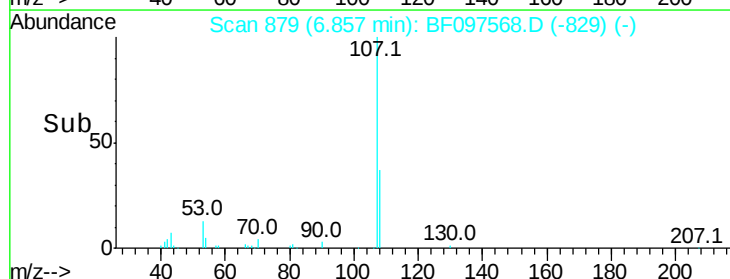
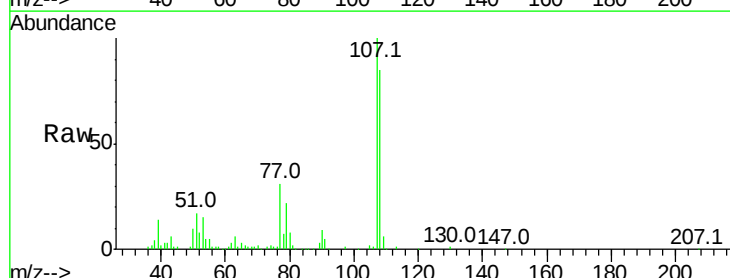
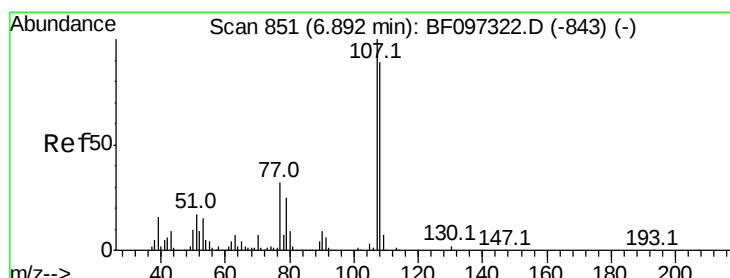
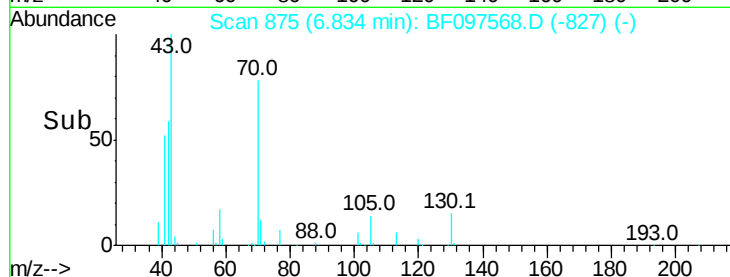
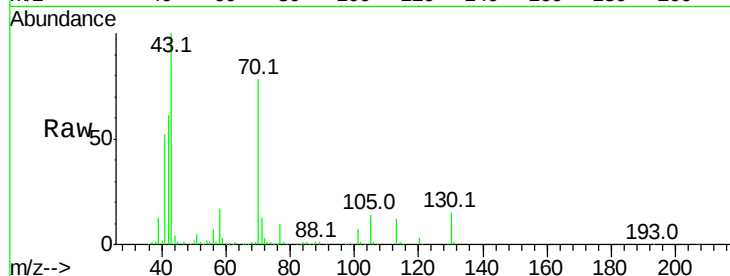
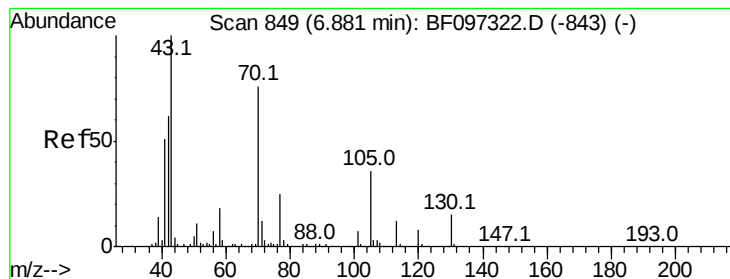


#18
Hexachloroethane
Concen: 33.519 ng
RT: 6.89 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion:	117	Resp:	100117
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.4	116.0
201	75.8	94.6	141.8#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.097 ng

RT: 6.83 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tot Ion: 70 Resp: 236905

Ion Ratio Lower Upper

70 100

42 78.5 47.2 70.8#

101 8.6 7.2 10.8

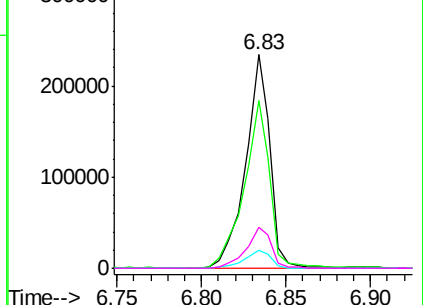
130 19.0 15.9 23.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 30.362 ng

RT: 6.86 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion: 107 Resp: 233970

Ion Ratio Lower Upper

107 100

108 85.1 71.0 111.0

77 30.6 90.5 130.5#

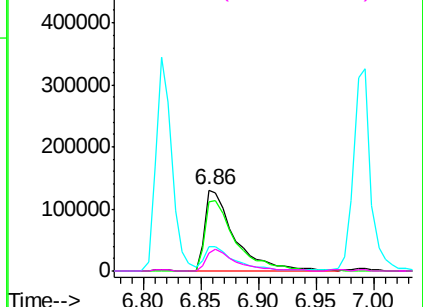
79 22.2 8.4 48.4

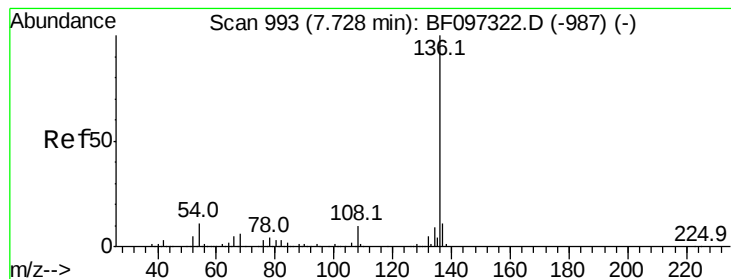
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

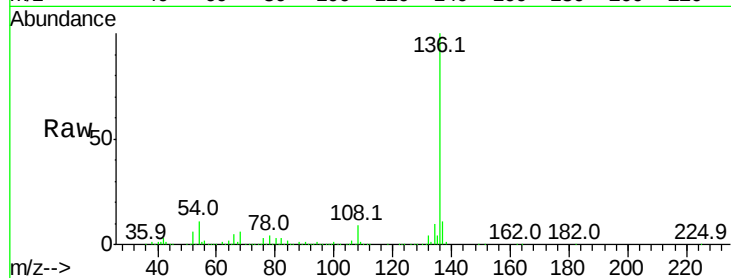
BNA_F

ClientSampled :

VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	11.3	4.9	7.3	
68	6.0	4.1	6.1	

Manual Integrations
APPROVED

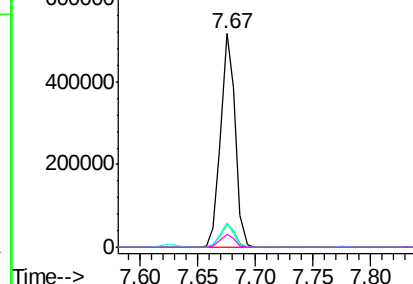
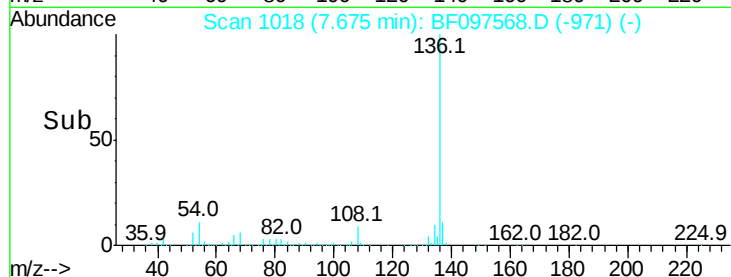


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

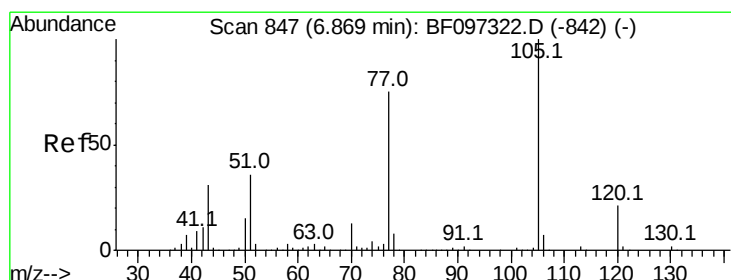
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 41.335 ng

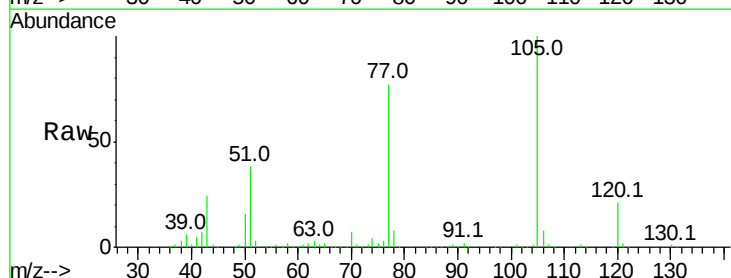
RT: 6.82 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	2.8	4.2	
51	38.5	30.7	46.1	
120	21.5	17.4	26.0	

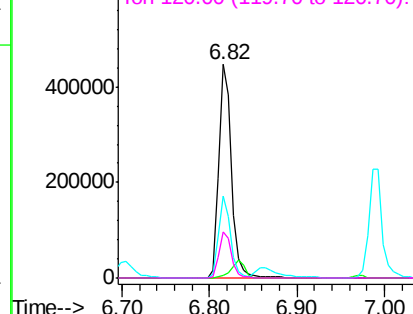
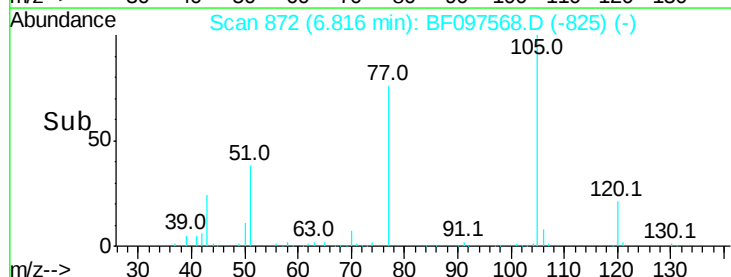


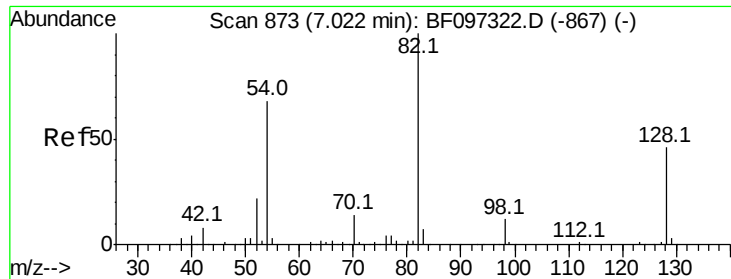
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



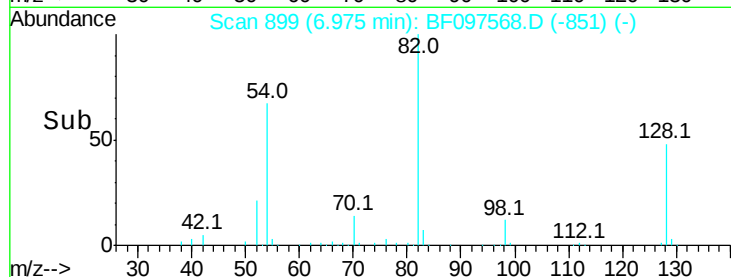
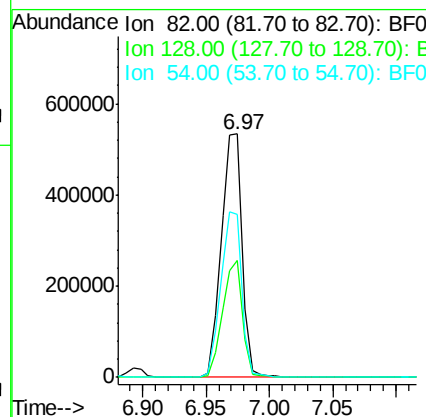
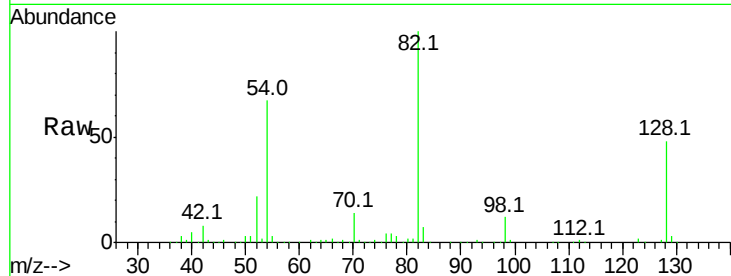


#23
Nitrobenzene-d5
Concen: 80.374 ng
RT: 6.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

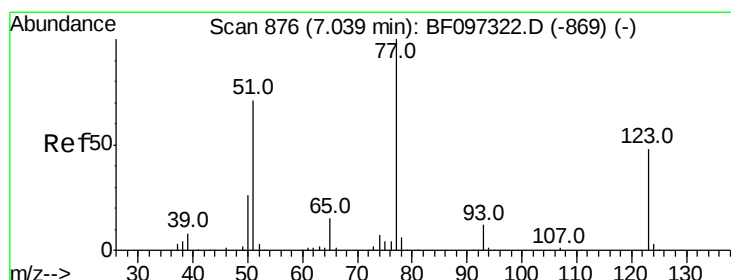
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	67.2	42.2	63.2

Manual Integrations
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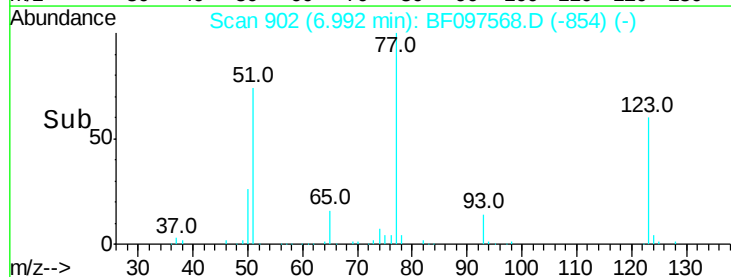
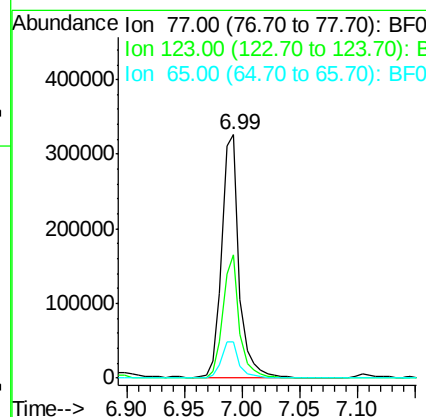
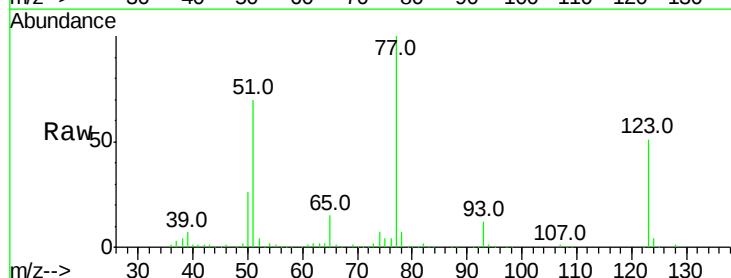
sohil

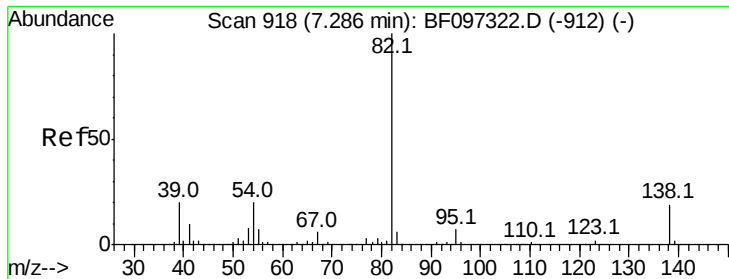
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#24
Nitrobenzene
Concen: 42.154 ng
RT: 6.99 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 39.086 ng

RT: 7.23 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

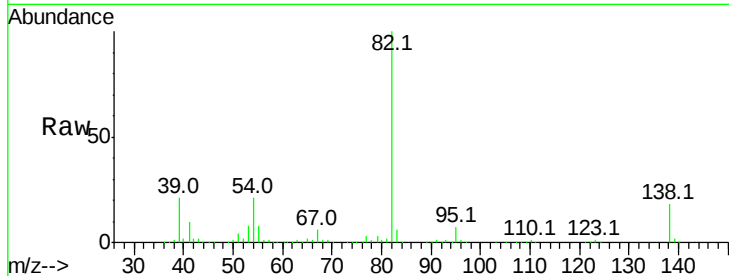
BNA_F

ClientSampleId :

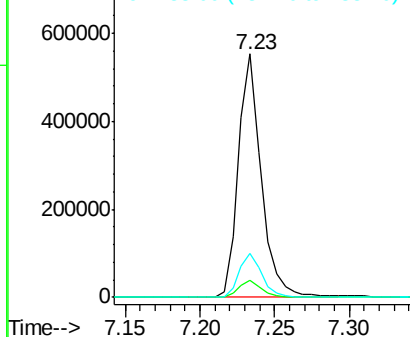
VE-4-11MS

Tot Ion:	82	Resp:	589620
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.2	13.1	19.7

Manual Integrations
APPROVED

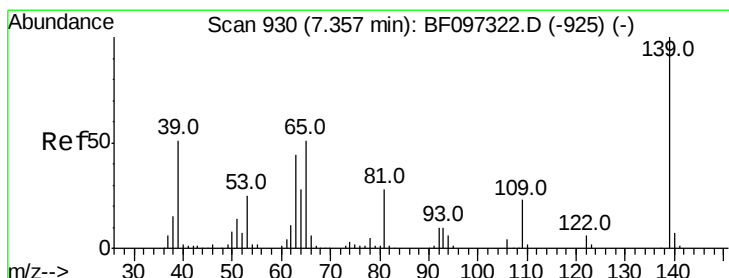
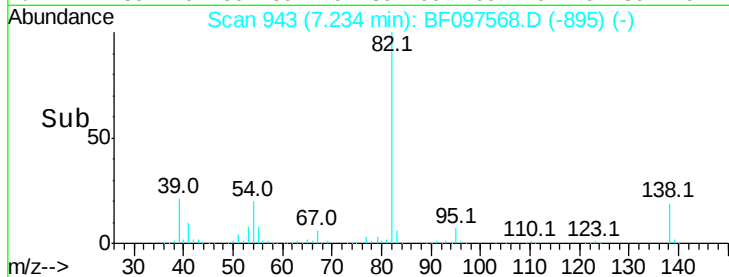


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#26

2-Nitrophenol

Concen: 41.168 ng

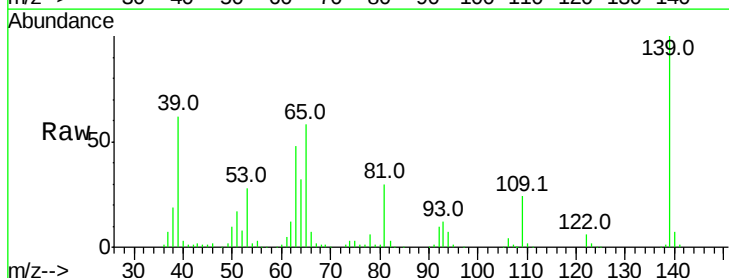
RT: 7.30 min Scan# 955

Delta R.T. -0.02 min

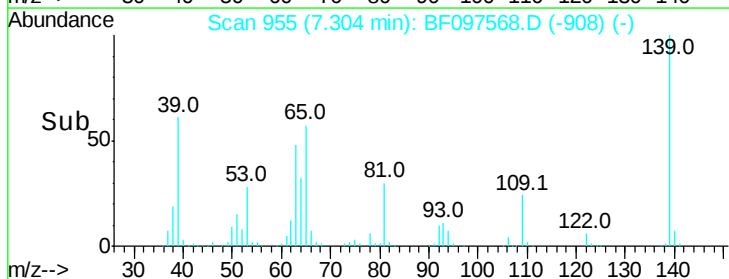
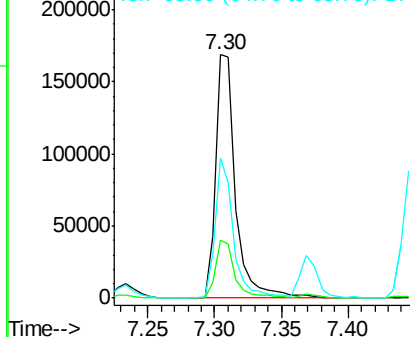
Lab File: BF097568.D

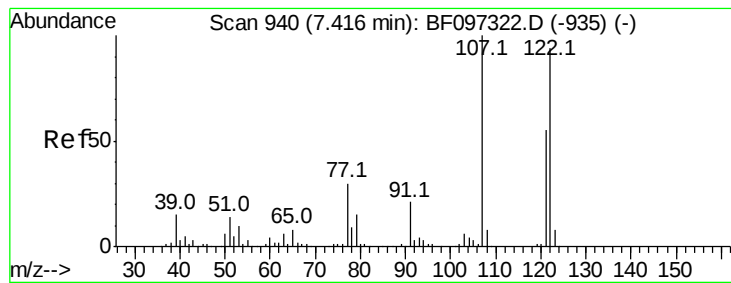
Acq: 10 Aug 2017 19:59

Tgt Ion:	139	Resp:	178682
Ion Ratio	Lower	Upper	
139	100		
109	23.8	21.0	31.6
65	57.7	33.0	49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.427 ng

RT: 7.37 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

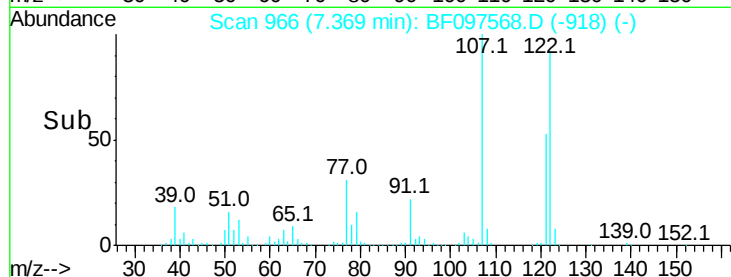
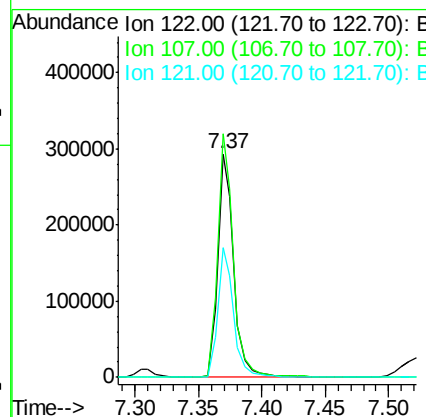
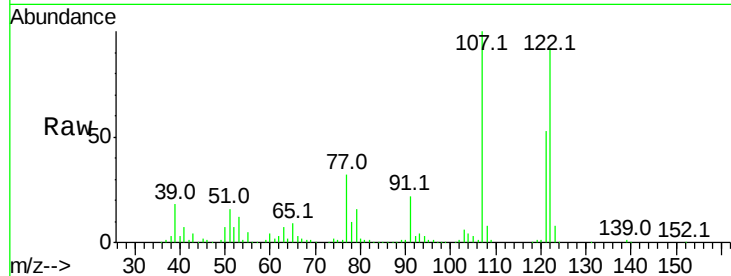
BNA_F

ClientSampled :

VE-4-11MS

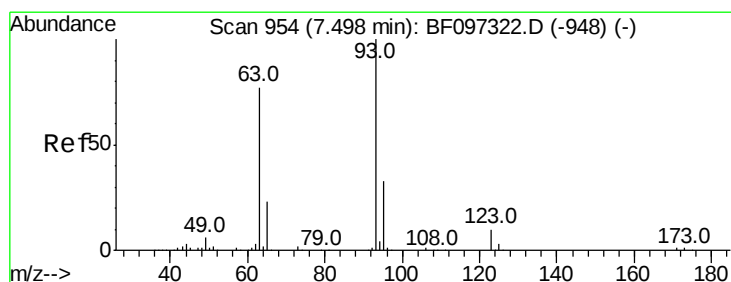
Tot Ion:	122	Resp:	260804
Ion Ratio	Lower	Upper	
122	100		
107	108.9	89.2	133.8
121	57.9	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.774 ng

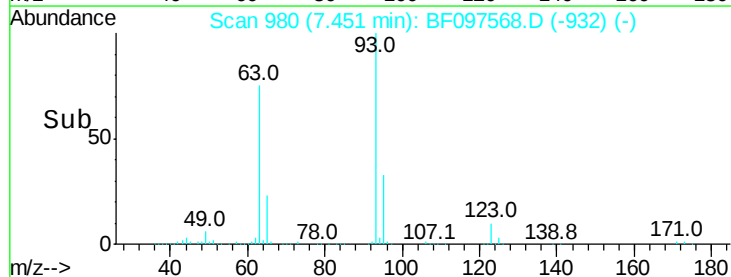
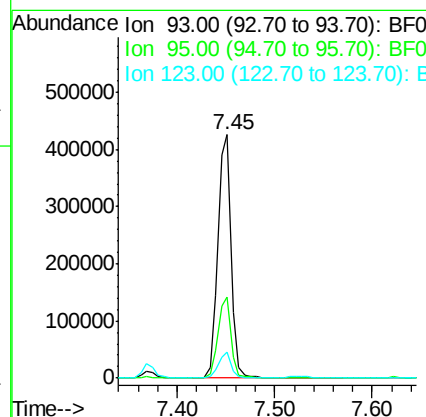
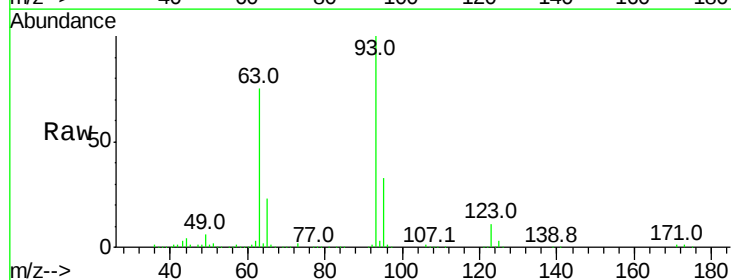
RT: 7.45 min Scan# 980

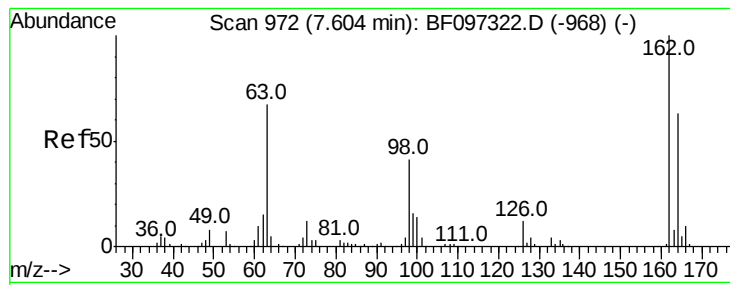
Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	93	Resp:	401393
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 41.657 ng

RT: 7.57 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

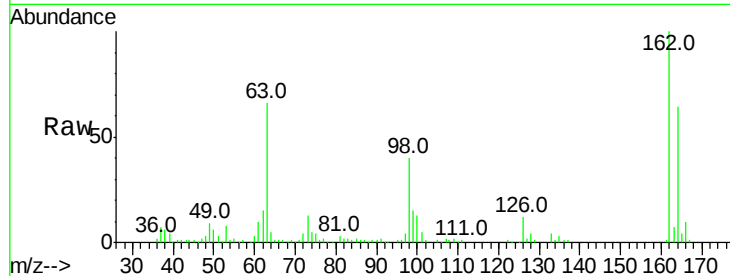
BNA_F

ClientSampled :

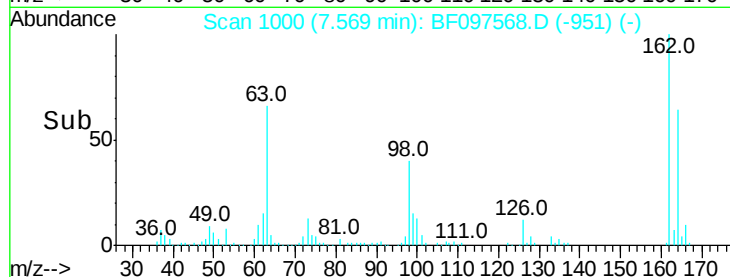
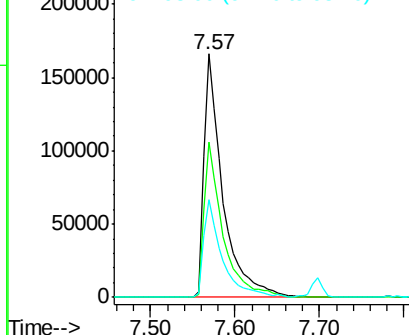
VE-4-11MS

Tot Ion:	162	Resp:	256937
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.6	84.6
98	40.1	14.8	54.8

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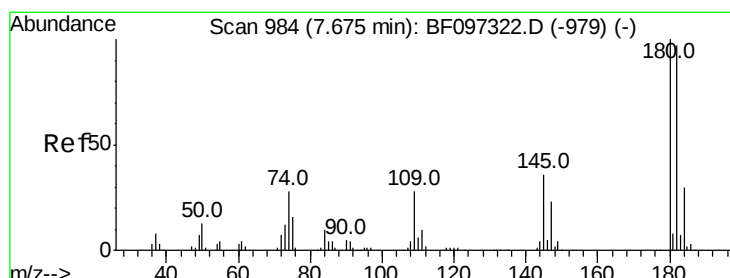


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



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#30

1,2,4-Trichlorobenzene

Concen: 36.934 ng

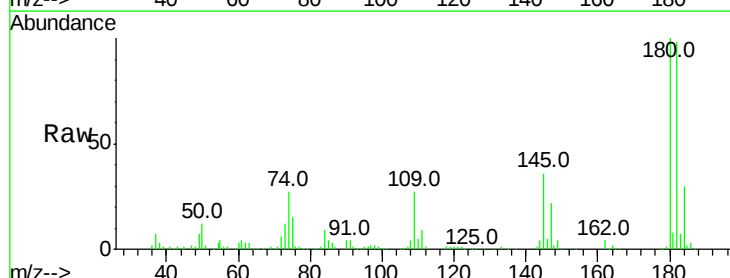
RT: 7.63 min Scan# 1010

Delta R.T. -0.02 min

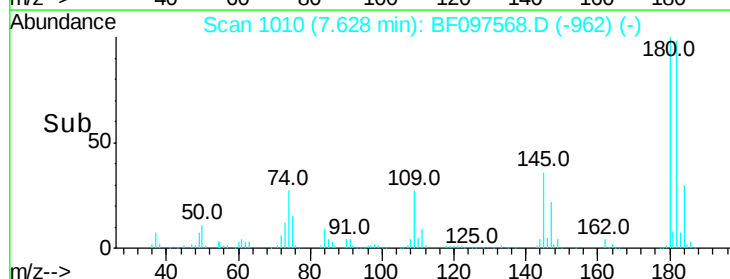
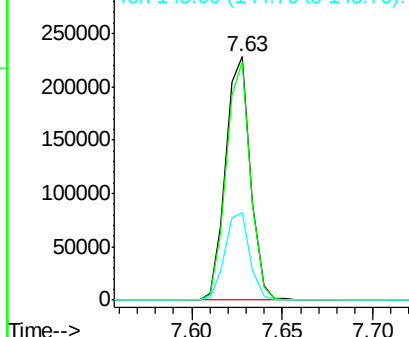
Lab File: BF097568.D

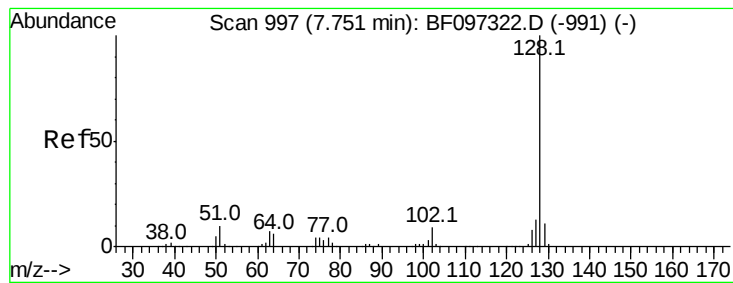
Acq: 10 Aug 2017 19:59

Tgt Ion:	180	Resp:	217141
Ion Ratio	Lower	Upper	
180	100		
182	98.2	75.8	113.6
145	35.9	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.864 ng

RT: 7.70 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

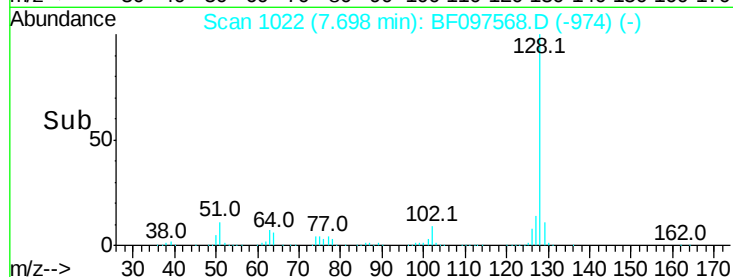
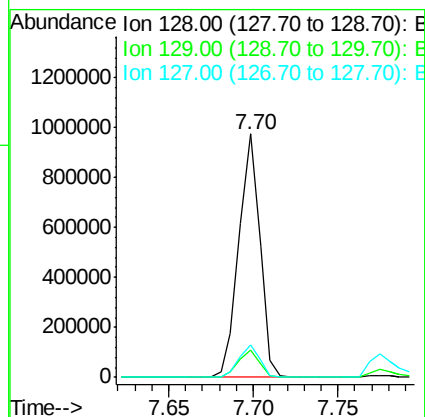
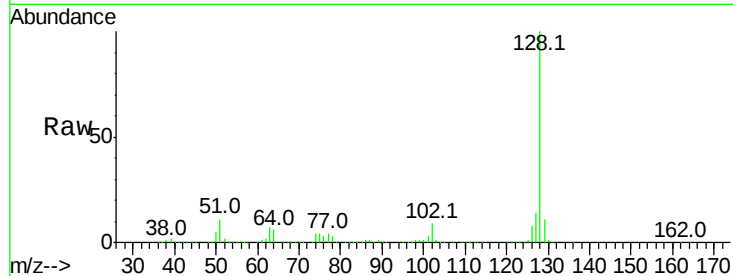
BNA_F

ClientSampled :

VE-4-11MS

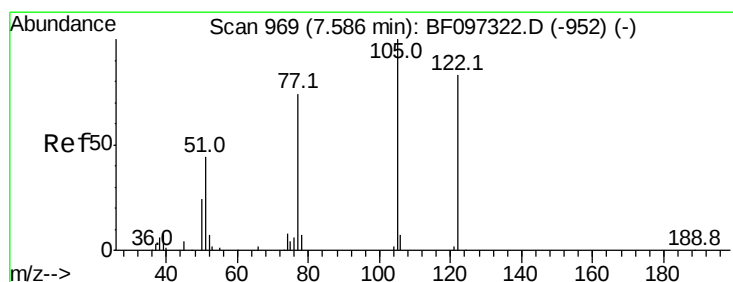
Tot Ion:	128	Resp:	849157
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 11.544 ng

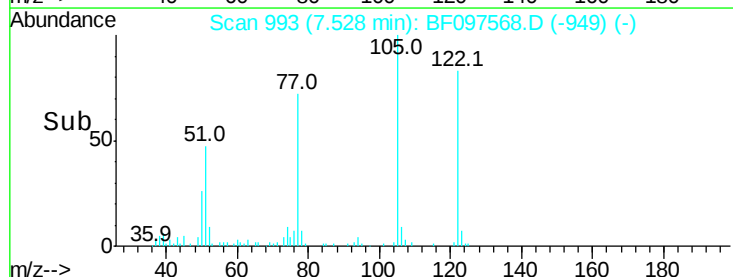
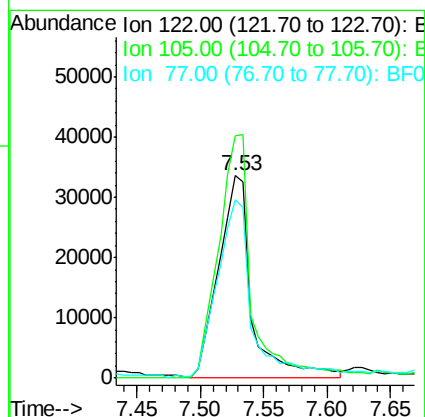
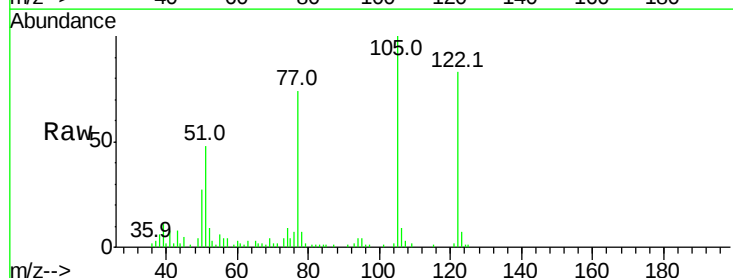
RT: 7.53 min Scan# 993

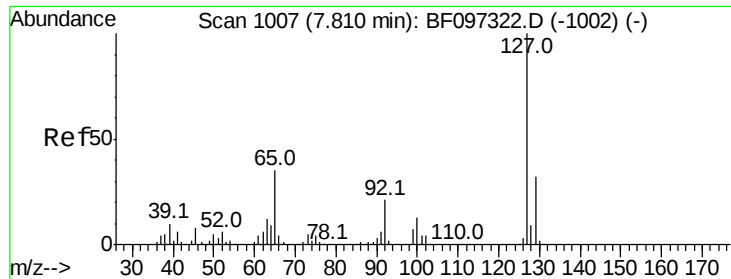
Delta R.T. -0.04 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	122	Resp:	61715
Ion Ratio	Lower	Upper	
122	100		
105	119.8	103.3	143.3
77	88.3	73.7	113.7



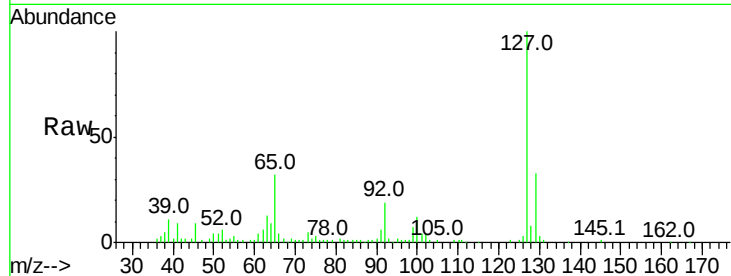


#33
4-Chloroaniline
Concen: 14.711 ng
RT: 7.77 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

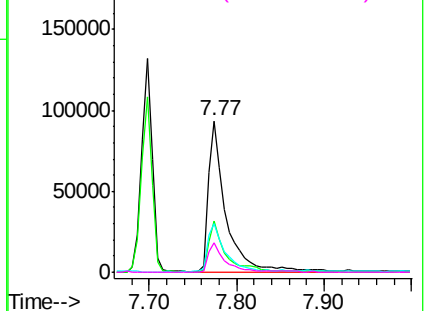
Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	127511		
129	33.5	26.2	39.2	
65	31.8	27.8	41.8	
92	19.3	16.8	25.2	

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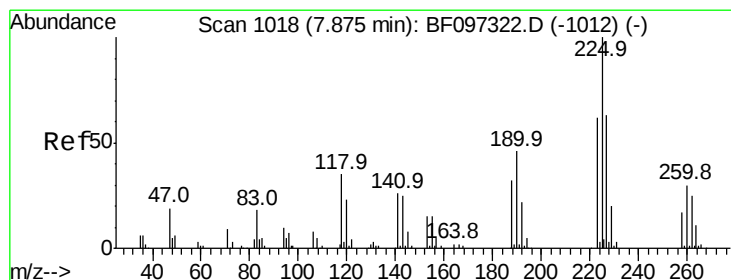
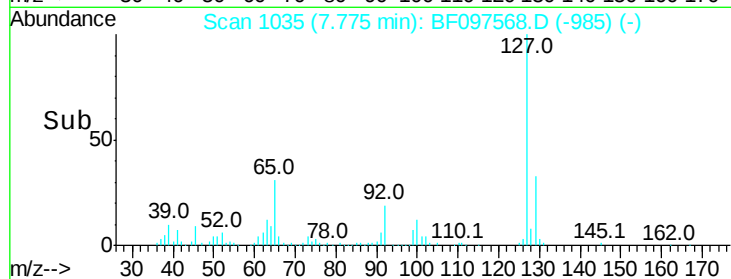


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



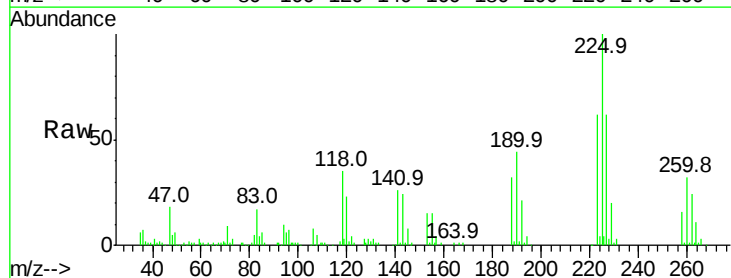
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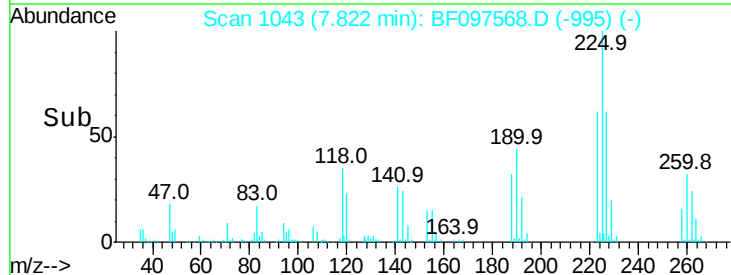
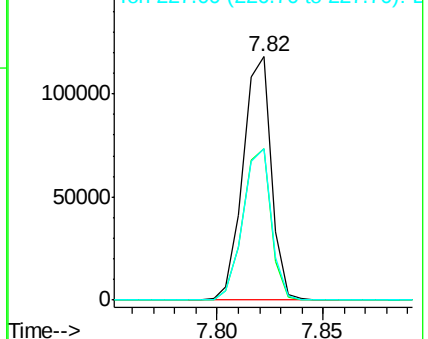


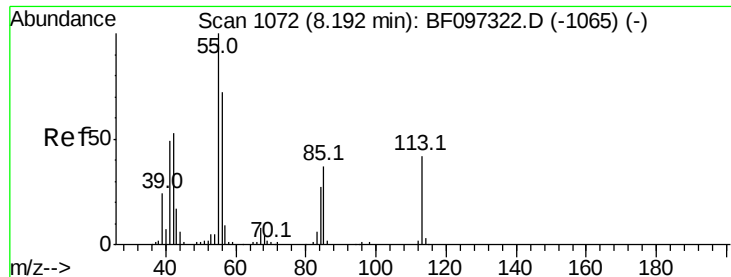
#34
Hexachlorobutadiene
Concen: 35.262 ng
RT: 7.82 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109903		
223	62.0	48.8	73.2	
227	62.2	51.1	76.7	



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





#35

Caprolactam

Concen: 6.534 ng/mL

RT: 8.19 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

BNA_F

ClientSampled :

VE-4-11MS

Tot Ion:113 Resp: 12923

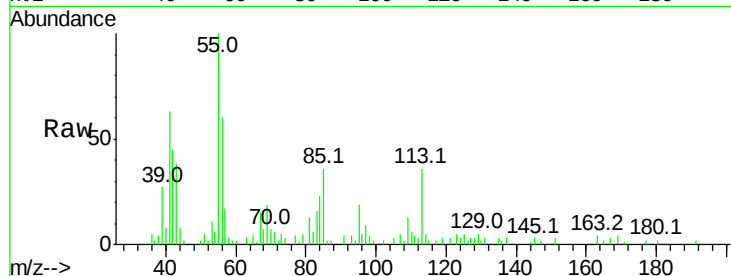
Ion Ratio Lower Upper

113 100

55 276.3 150.2 190.2#

56 165.8 107.8 147.8#

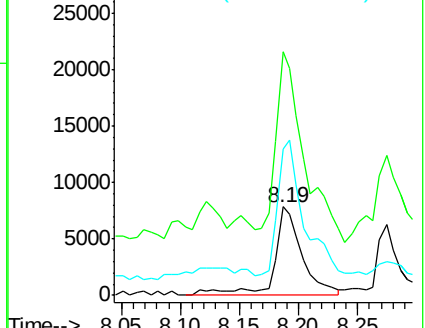
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Abundance Ion 113.00 (112.70 to 113.70): E

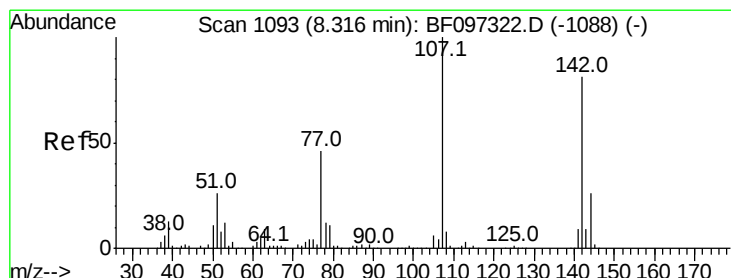
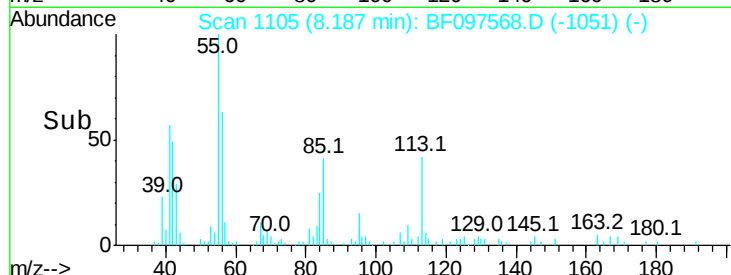
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 35.586 ng/mL

RT: 8.27 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

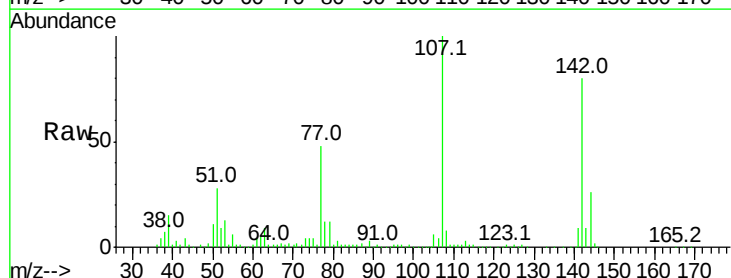
Tgt Ion:107 Resp: 239459

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

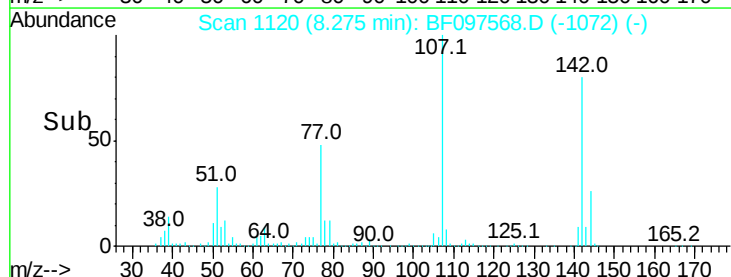
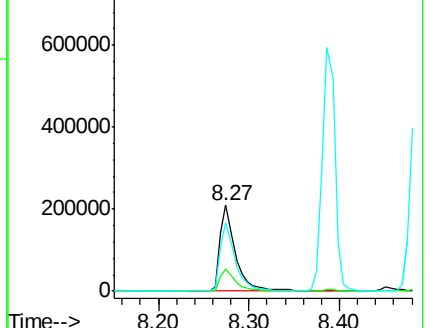
142 80.2 73.4 110.0

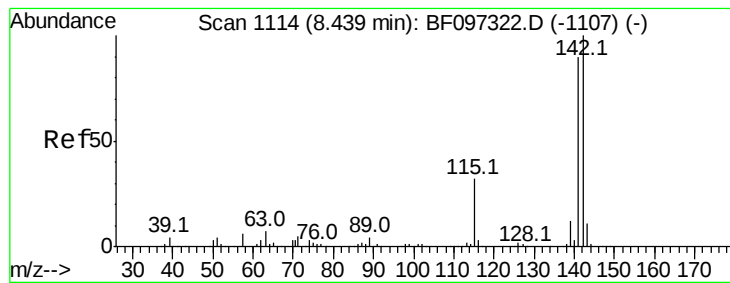


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



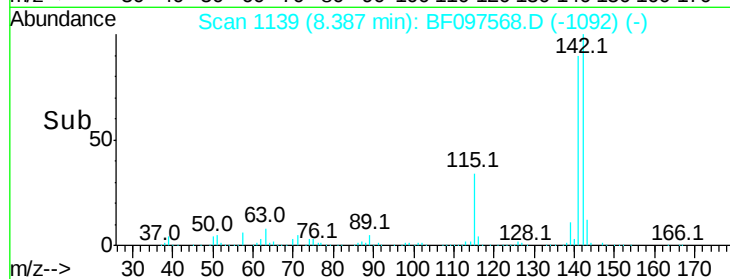
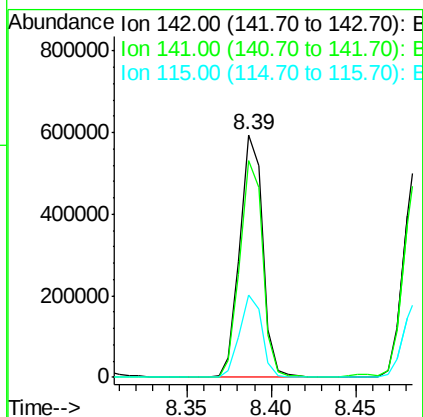
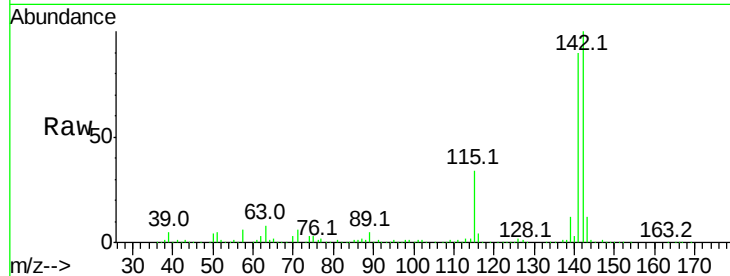


#37
2-Methylnaphthalene
Concen: 41.643 ng
RT: 8.39 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

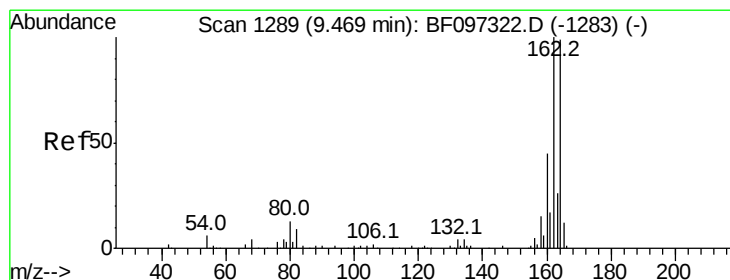
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	34.0	27.1	40.7

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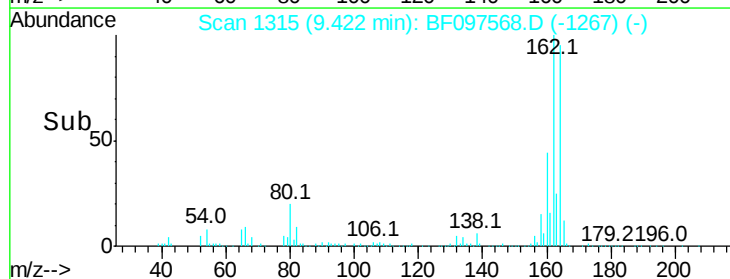
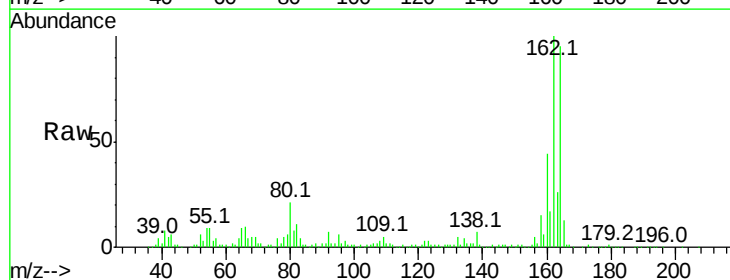
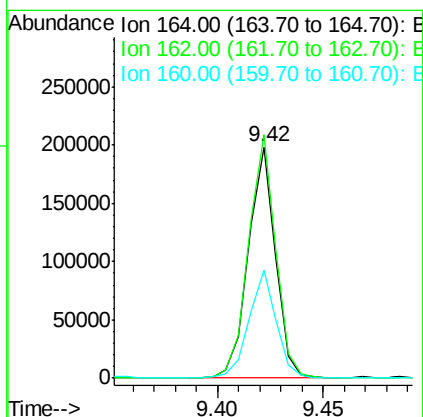
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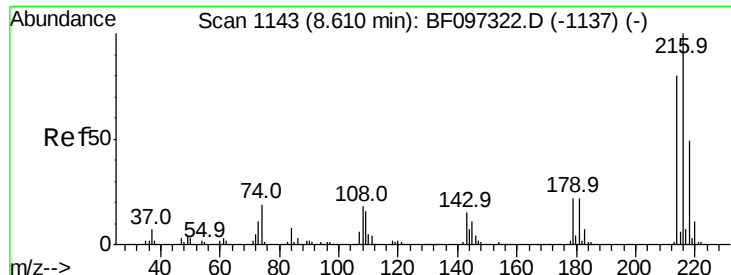
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	46.5	36.2	54.2



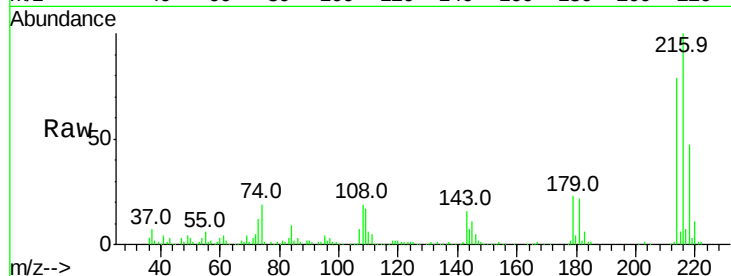


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.190 ng
 RT: 8.56 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

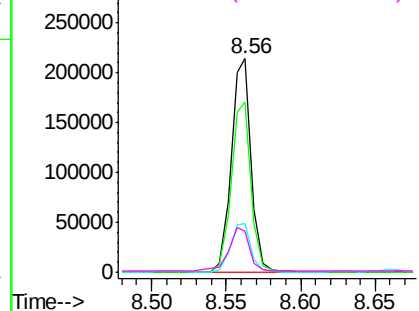
Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.4	95.2
179	23.5	17.9	26.9
108	21.6	16.5	24.7

Manual Integrations
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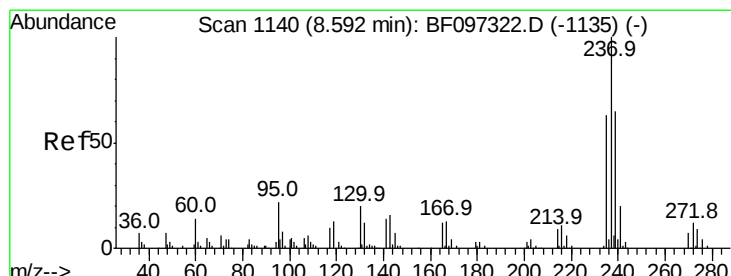
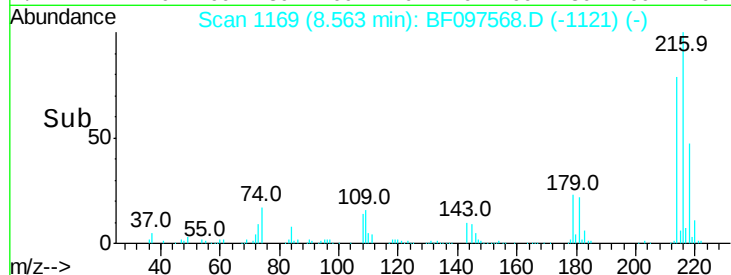


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



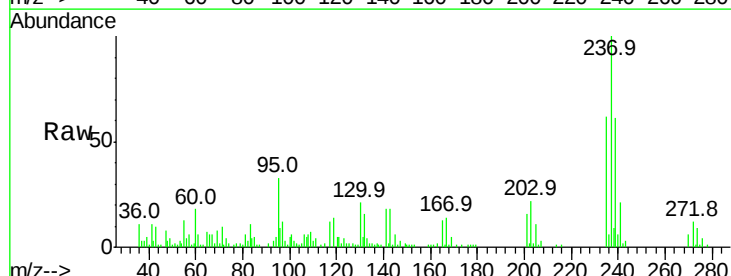
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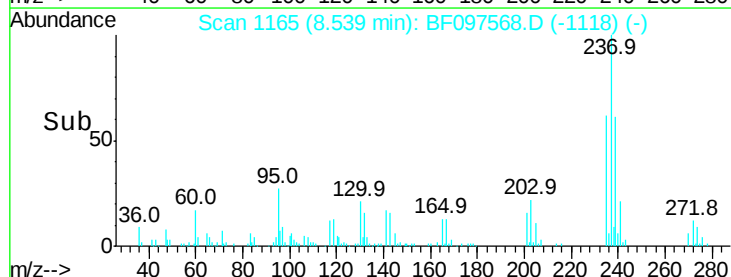
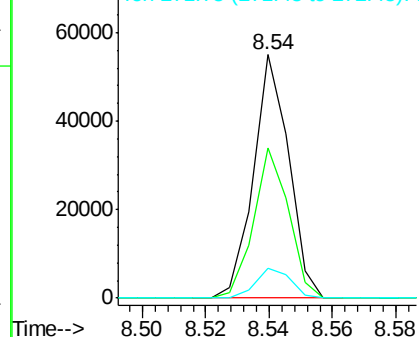


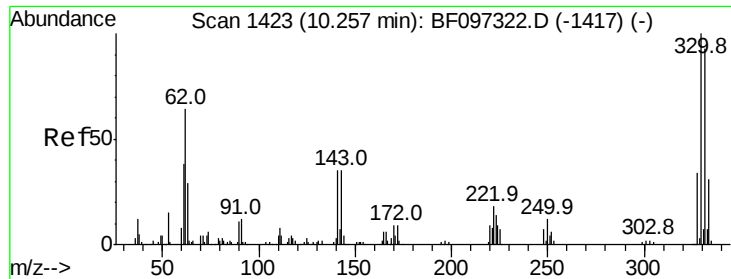
#40
 Hexachlorocyclopentadiene
 Concen: 30.340 ng
 RT: 8.54 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	42.6	82.6
272	12.1	0.0	31.9



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



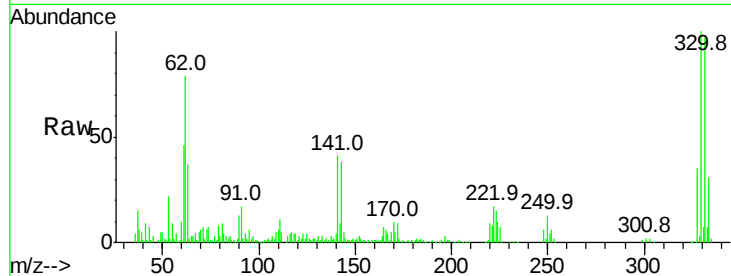


#41
 2,4,6-Tribromophenol
 Concen: 110.305 ng
 RT: 10.22 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.6	115.0	
141	39.3	31.4	47.2	

Manual Integrations
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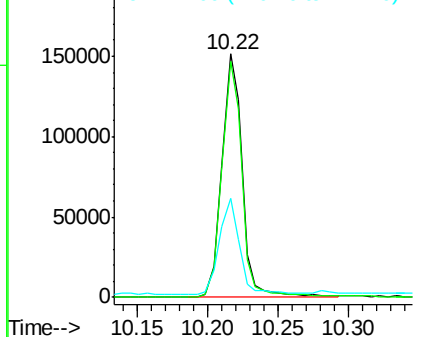


Abundance

Ion 329.80 (329.50 to 330.50): E

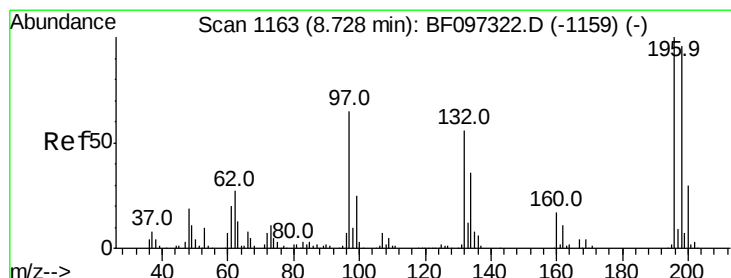
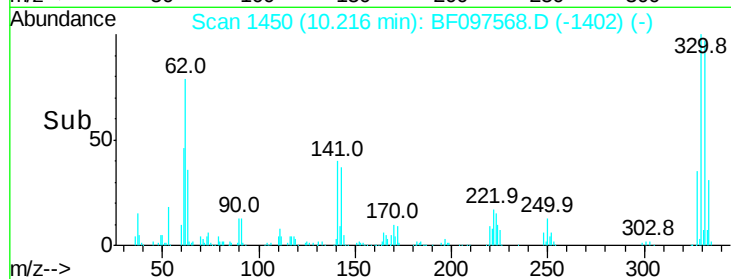
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



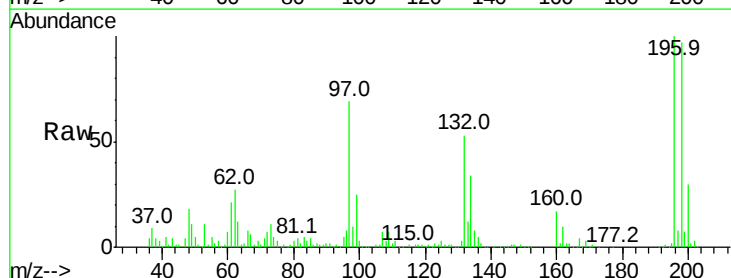
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#42
 2,4,6-Trichlorophenol
 Concen: 41.949 ng
 RT: 8.69 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.3	74.2	111.4	
200	29.9	24.0	36.0	

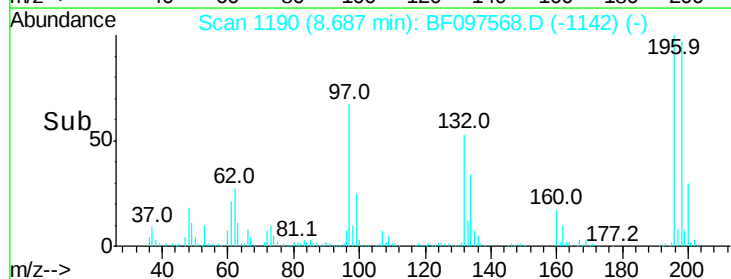
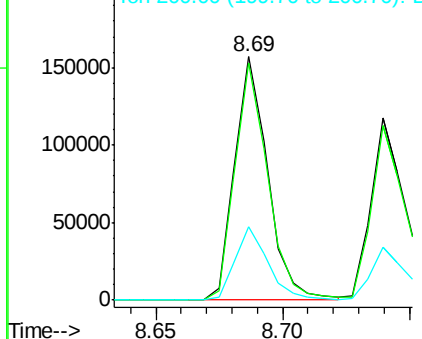


Abundance

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



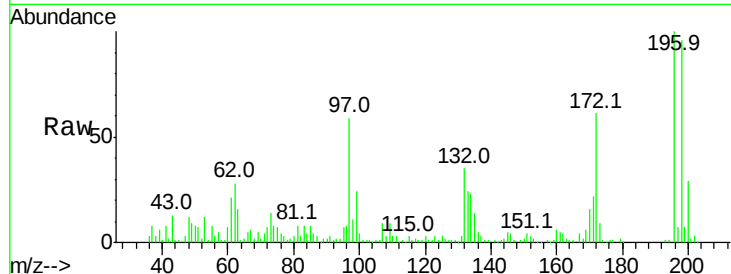


#43
 2,4,5-Trichlorophenol
 Concen: 39.168 ng
 RT: 8.74 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132911		
198	95.8	75.7	113.5	
97	59.3	47.7	71.5	
132	34.9	28.0	42.0	

Manual Integrations
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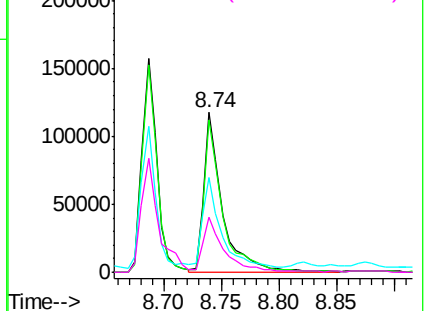
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

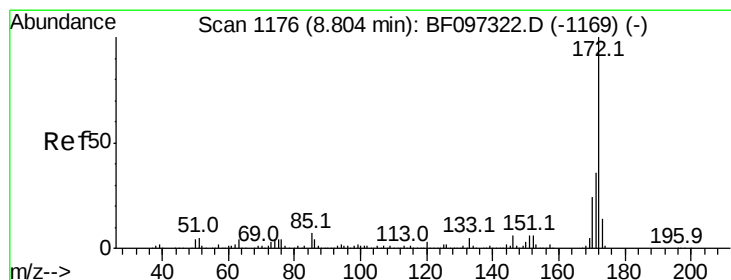
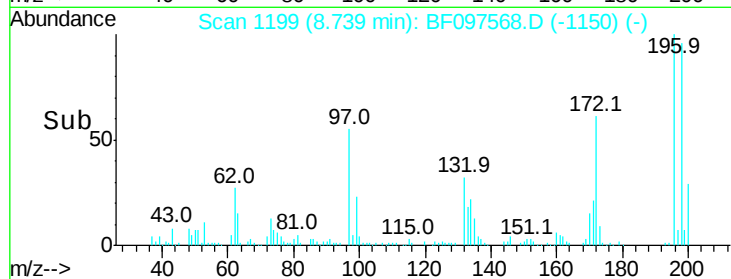
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



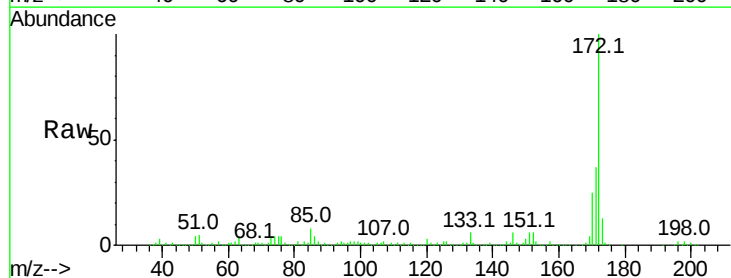
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#44
 2-Fluorobiphenyl
 Concen: 86.830 ng
 RT: 8.76 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	897067		
171	37.2	29.6	44.4	
170	24.6	19.8	29.8	

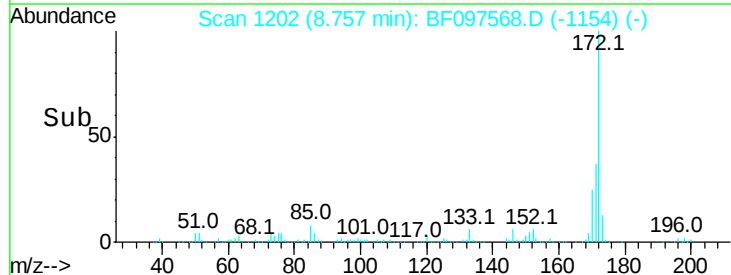
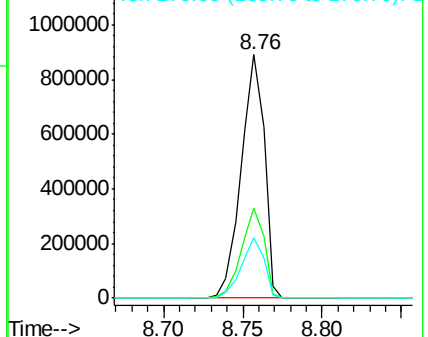


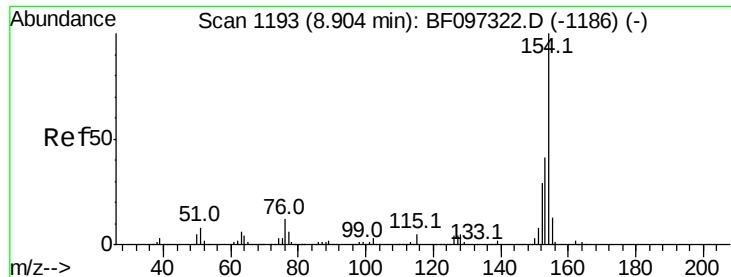
Abundance

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



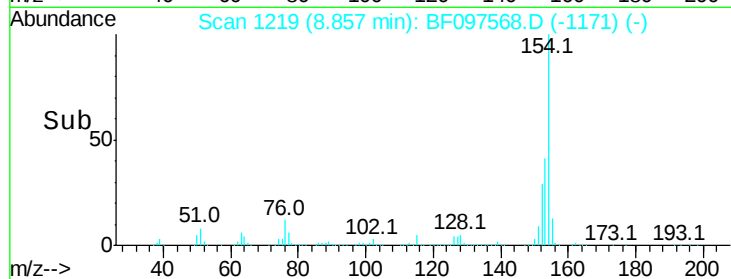
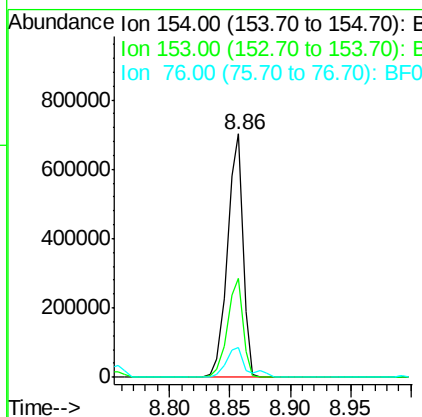
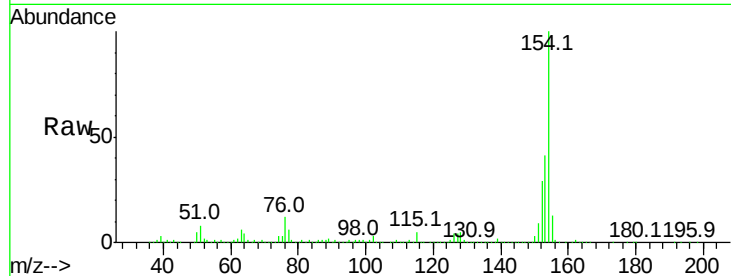


#45
 1,1'-Biphenyl
 Concen: 41.984 ng
 RT: 8.86 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

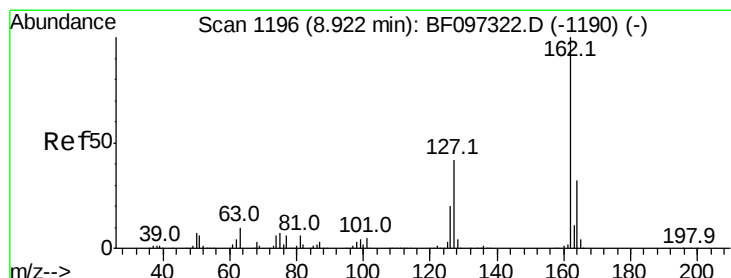
Tot Ion:	154	Resp:	628741
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	12.3	0.0	29.9

Manual Integrations
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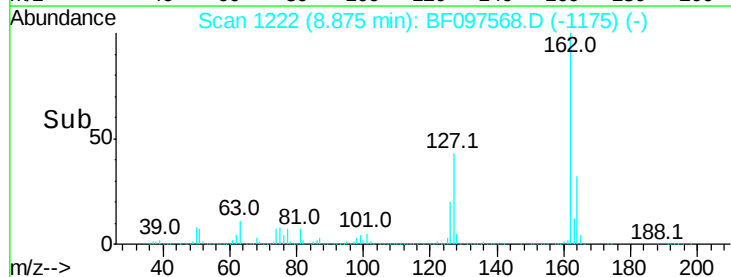
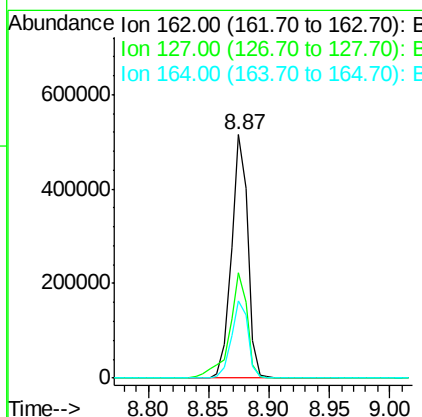
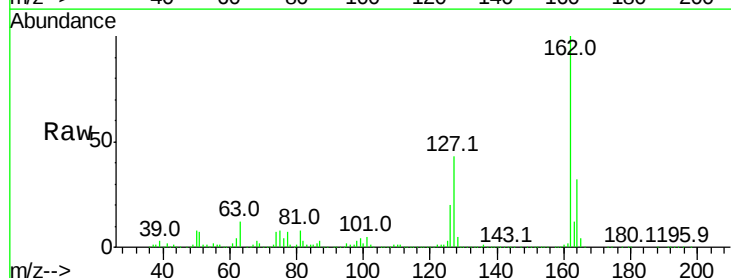
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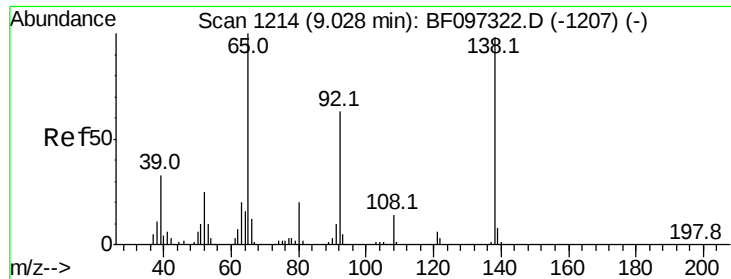
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#46
 2-Chloronaphthalene
 Concen: 43.954 ng
 RT: 8.87 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion:	162	Resp:	484392
Ion Ratio	Lower	Upper	
162	100		
127	43.3	28.3	42.5#
164	31.9	27.0	40.4



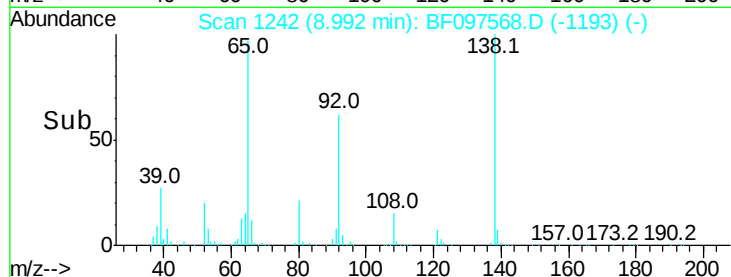
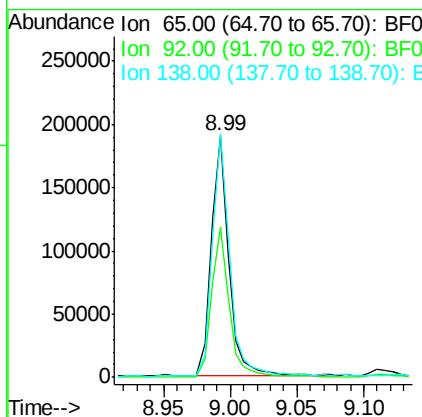
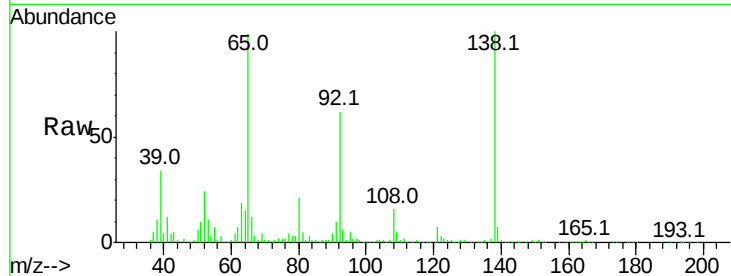


#47
2-Nitroaniline
Concen: 44.054 ng
RT: 8.99 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

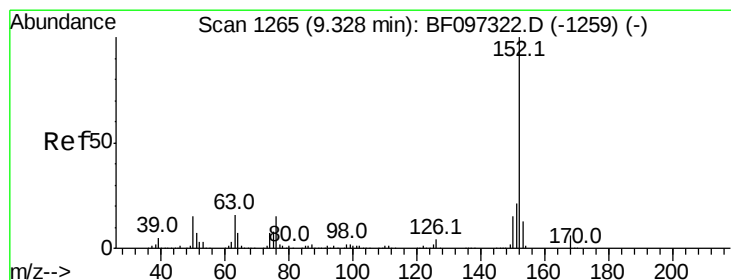
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	53.9	80.9
138	100.8	78.8	118.2

Manual Integrations
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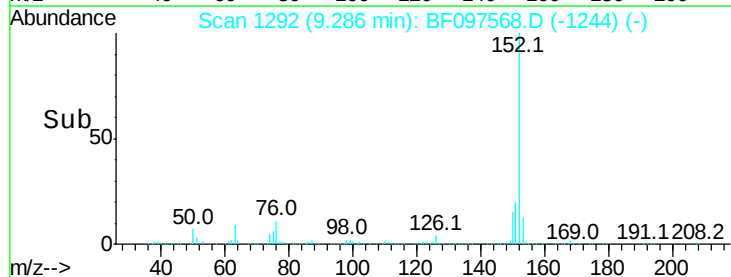
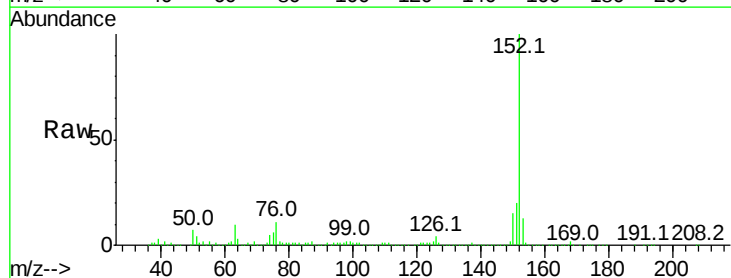
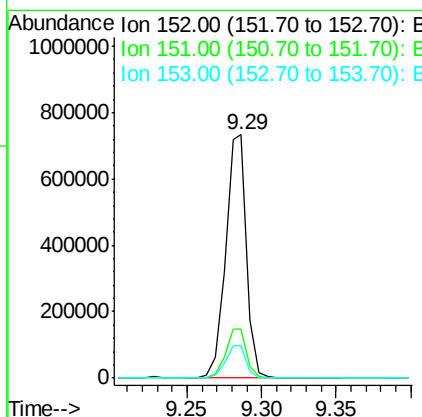
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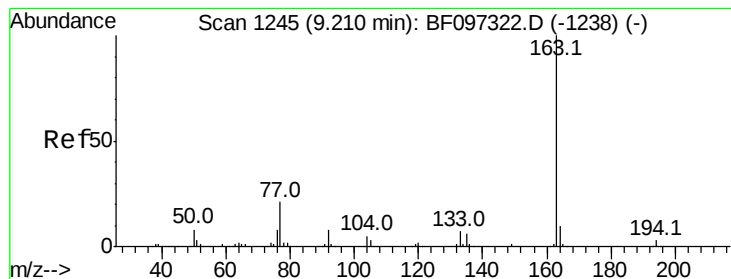
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#48
Acenaphthylene
Concen: 42.518 ng
RT: 9.29 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 45.010 ng

RT: 9.17 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

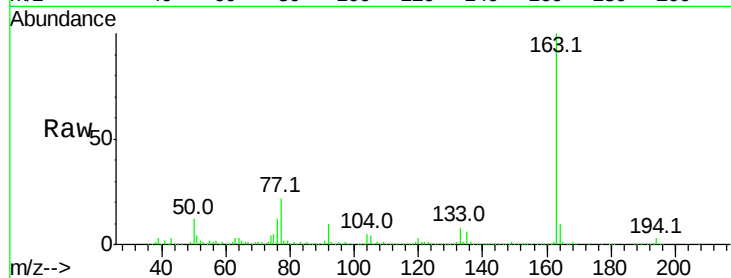
BNA_F

ClientSampleId :

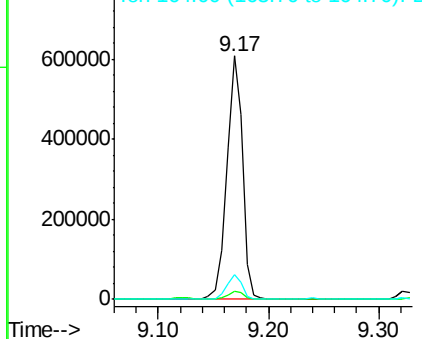
VE-4-11MS

Tot Ion:	163	Resp:	599290
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

Manual Integrations
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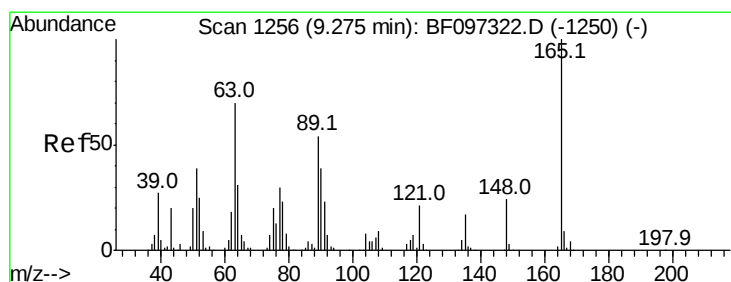


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



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#50

2,6-Dinitrotoluene

Concen: 41.560 ng

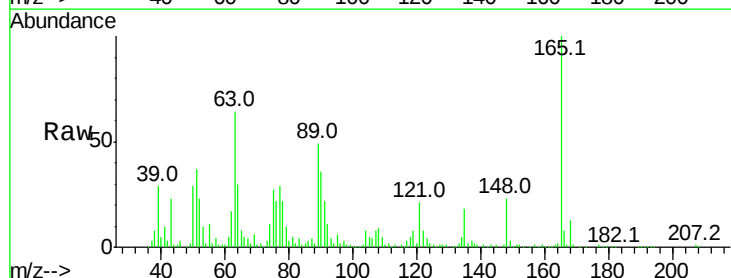
RT: 9.24 min Scan# 1284

Delta R.T. -0.01 min

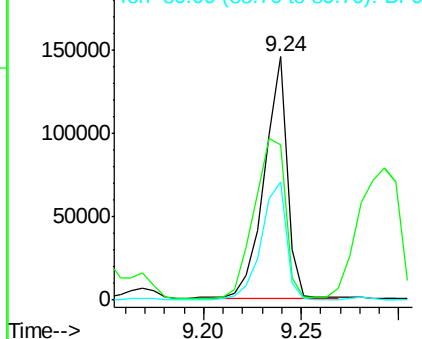
Lab File: BF097568.D

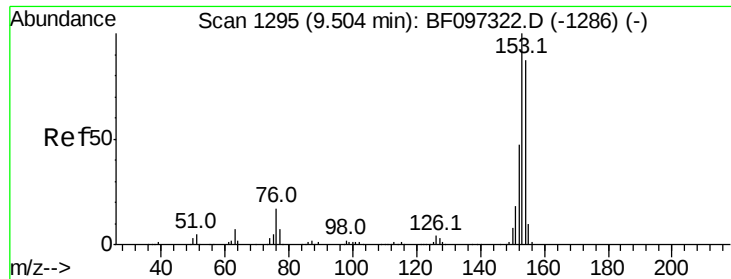
Acq: 10 Aug 2017 19:59

Tgt Ion:	165	Resp:	117361
Ion Ratio	Lower	Upper	
165	100		
63	64.0	34.3	51.5#
89	48.5	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.517 ng

RT: 9.46 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

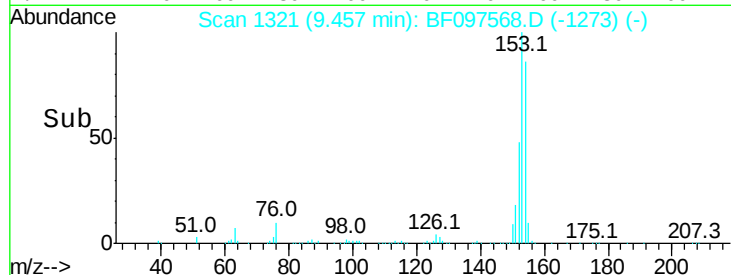
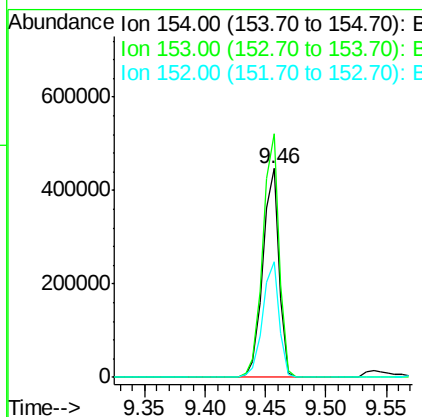
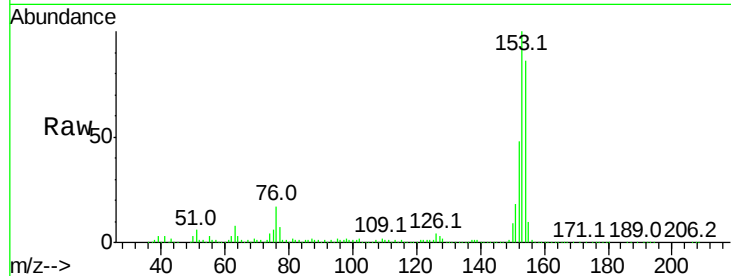
BNA_F

ClientSampleId :

VE-4-11MS

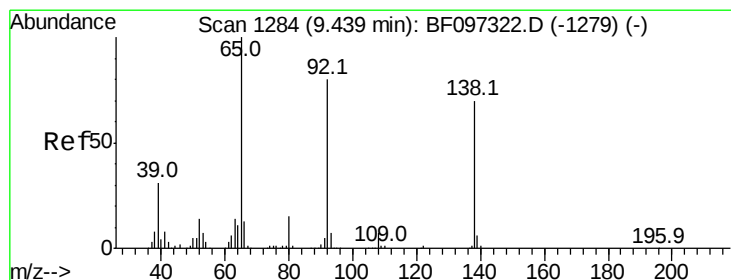
Tot Ion:	154	Resp:	423639
Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.5	135.7
152	55.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.749 ng

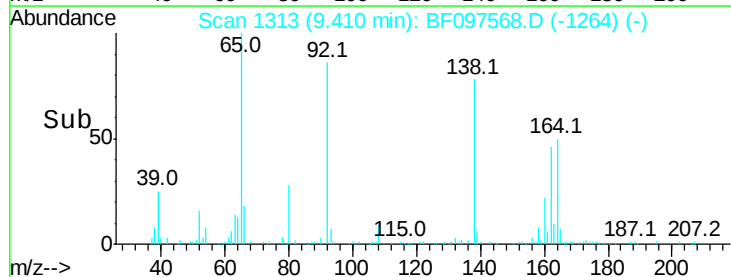
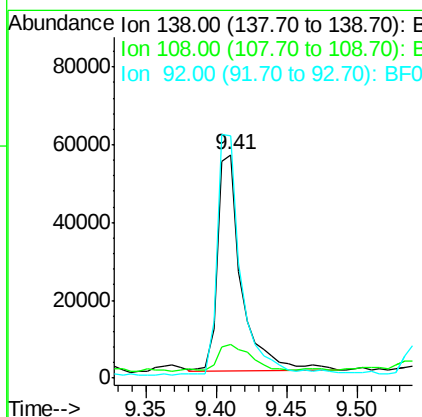
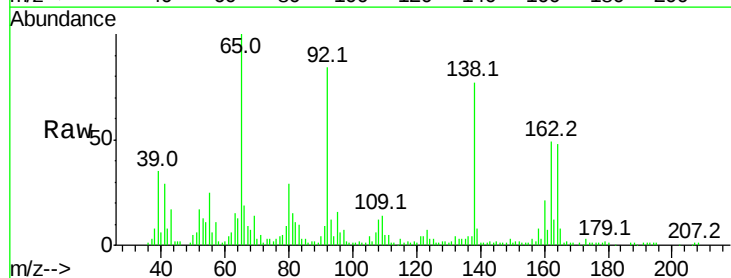
RT: 9.41 min Scan# 1313

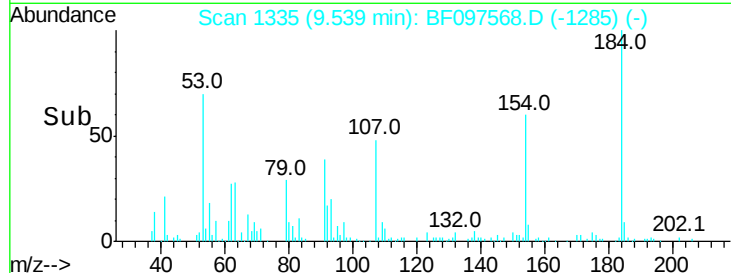
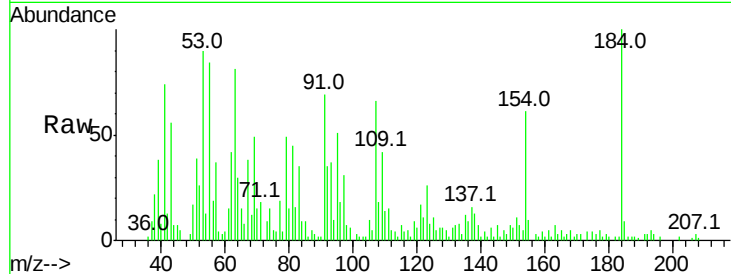
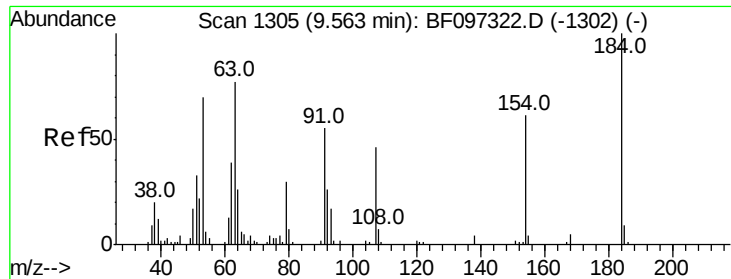
Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	138	Resp:	65718
Ion	Ratio	Lower	Upper
138	100		
108	15.2	9.1	13.7#
92	108.7	93.8	140.6



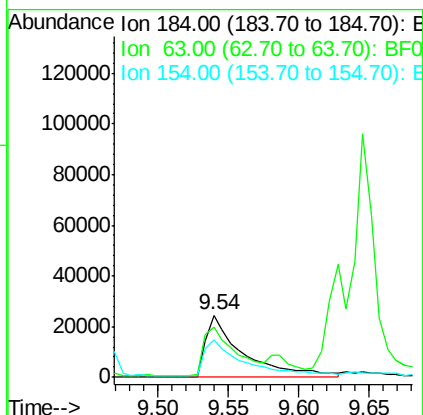


#53
2,4-Dinitrophenol
Concen: 35.050 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tot Ion:184 Resp: 45003
Ion Ratio Lower Upper
184 100
63 81.0 62.7 94.1
154 61.0 81.1 121.7#

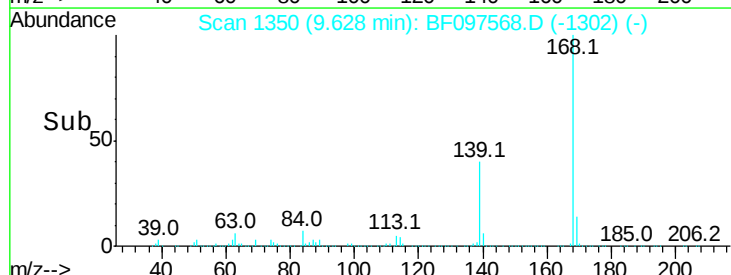
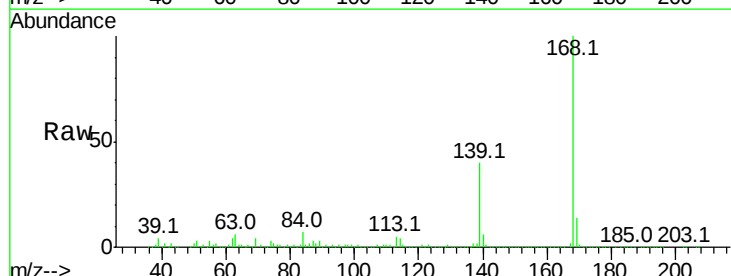
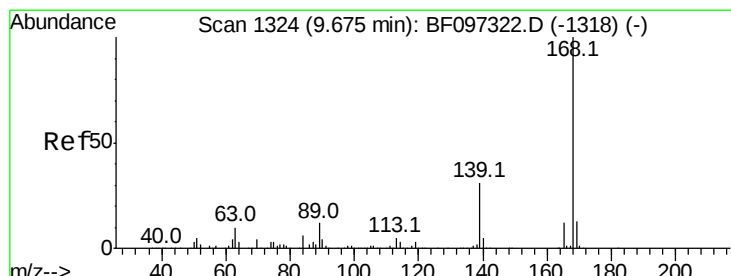
Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Manual Integrations
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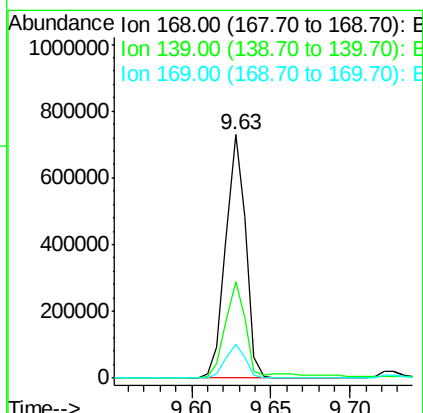
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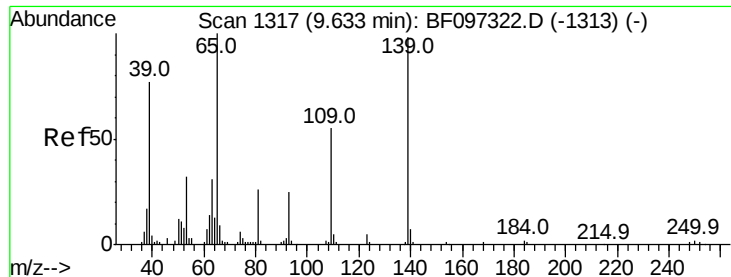
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#54
Dibenzofuran
Concen: 47.906 ng
RT: 9.63 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion:168 Resp: 635803
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 18.947 ng/mL

RT: 9.66 min Scan# 1355

Delta R.T. 0.04 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

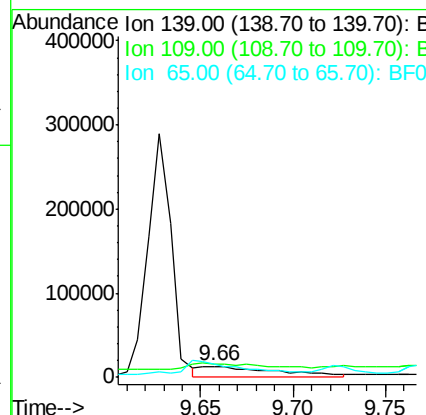
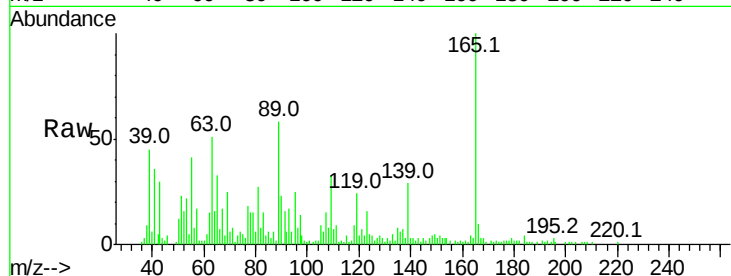
BNA_F

ClientSampled :

VE-4-11MS

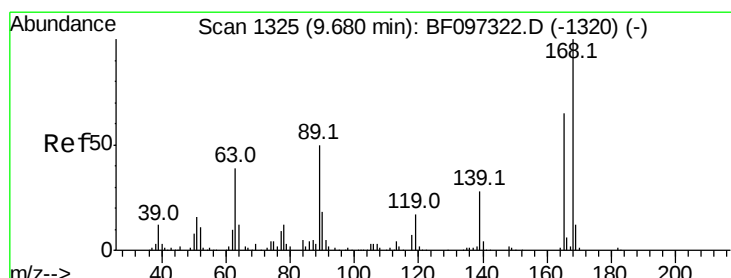
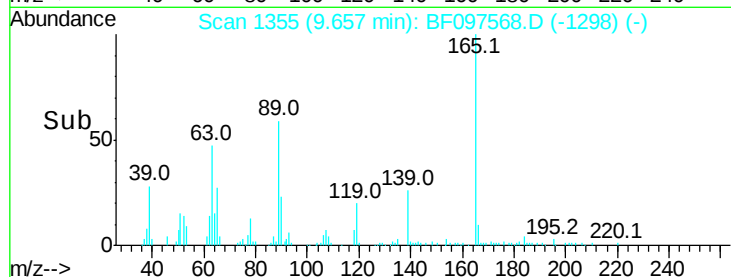
Tot Ion:	139	Resp:	39494
Ion Ratio	Lower	Upper	
139	100		
109	112.6	34.1	74.1#
65	114.4	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 47.719 ng/mL

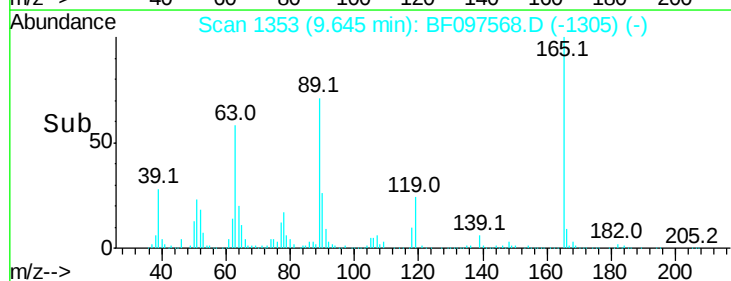
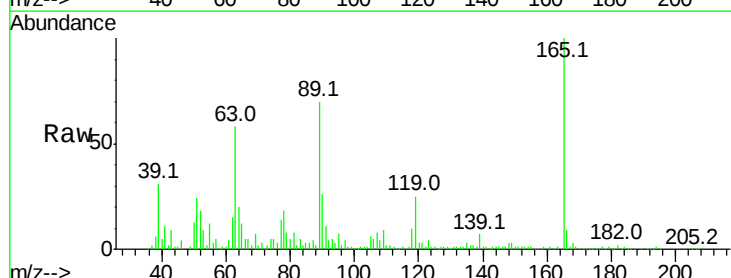
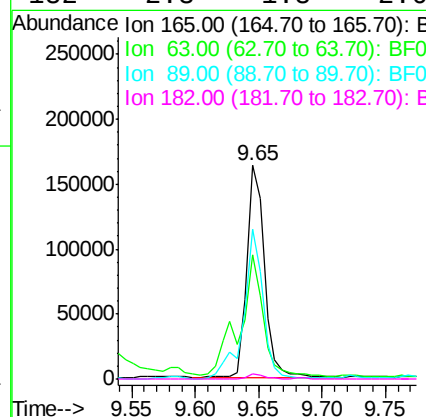
RT: 9.65 min Scan# 1353

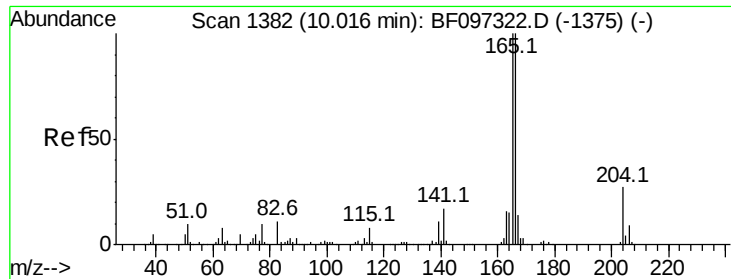
Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	165	Resp:	154913
Ion Ratio	Lower	Upper	
165	100		
63	58.4	25.4	38.0#
89	70.0	46.4	69.6#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 42.756 ng

RT: 9.97 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

BNA_F

ClientSampled :

VE-4-11MS

Tot Ion:166 Resp: 426487

Ion Ratio Lower Upper

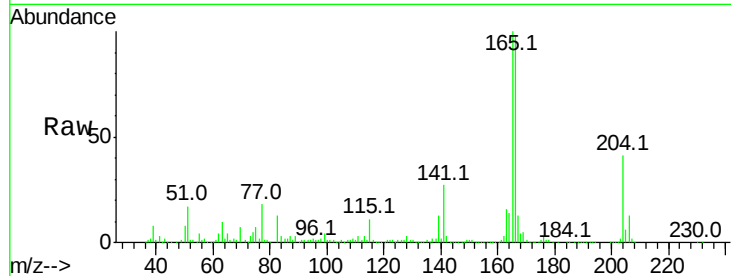
166 100

165 102.3 78.8 118.2

167 13.5 10.6 16.0

Manual Integrations

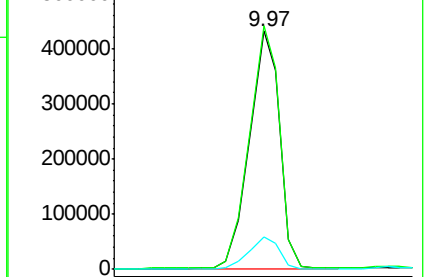
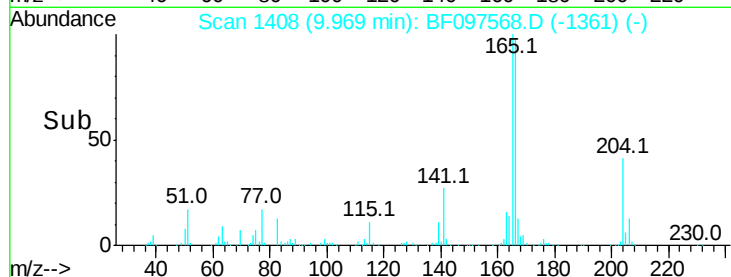
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Abundance Ion 166.00 (165.70 to 166.70): E

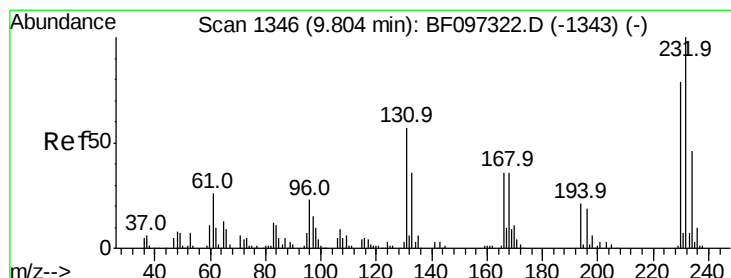
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



sohil

8/14/2017 6:33:57 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.103 ng

RT: 9.77 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:232 Resp: 105677

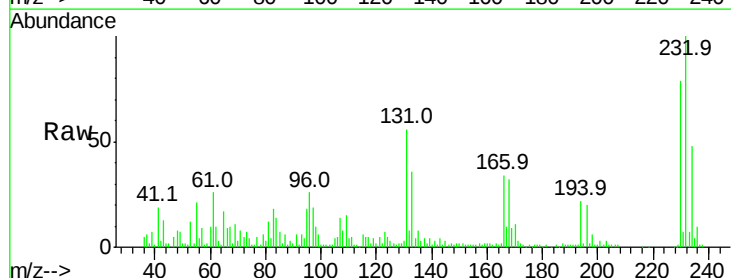
Ion Ratio Lower Upper

232 100

131 52.6 44.8 67.2

130 3.3 2.3 3.5

166 31.3 29.0 43.4

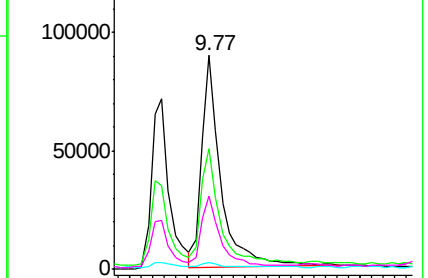
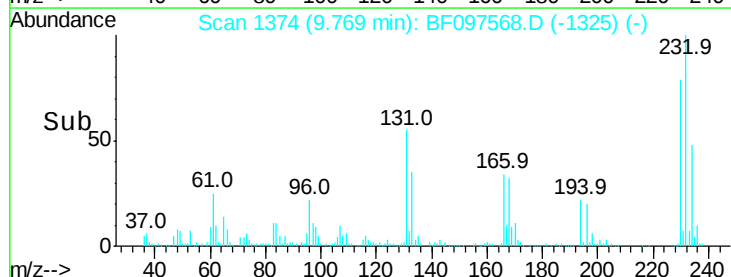


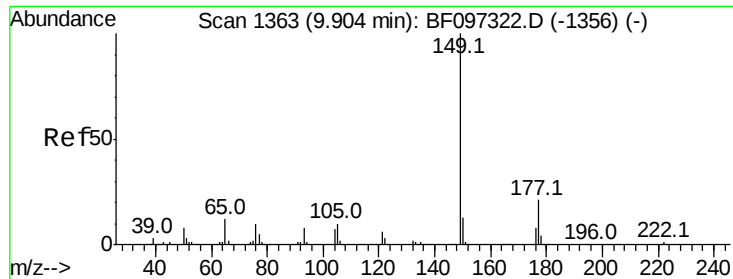
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



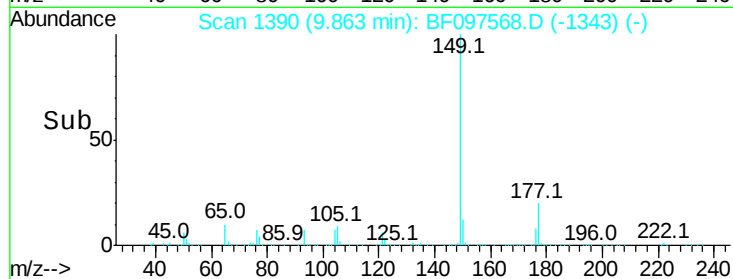
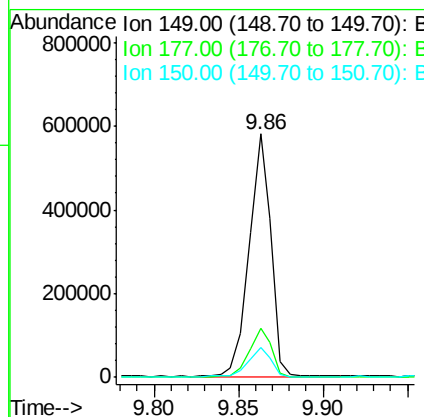
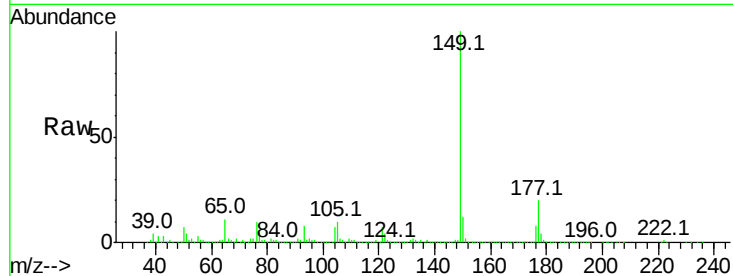


#59
Diethylphthalate
Concen: 42.573 ng
RT: 9.86 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

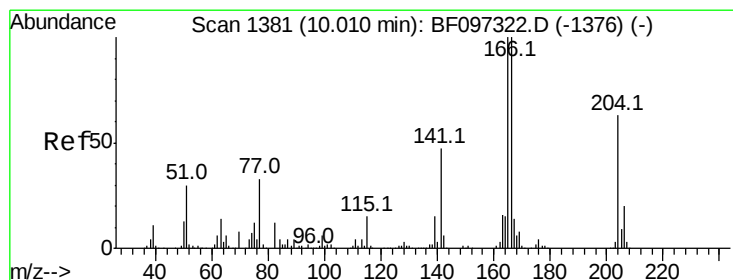
Tot Ion:	149	Resp:	520035
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
APPROVED



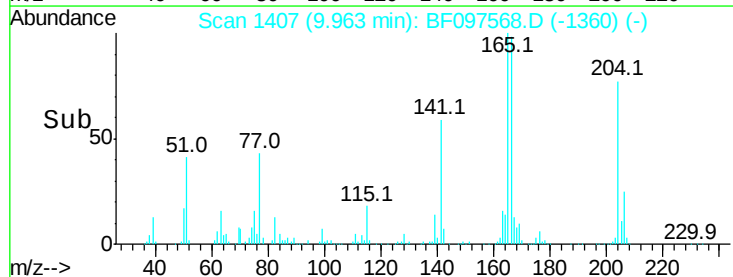
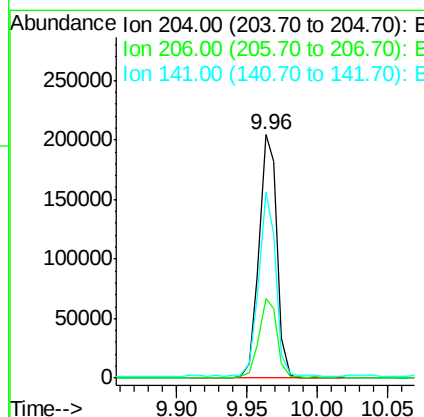
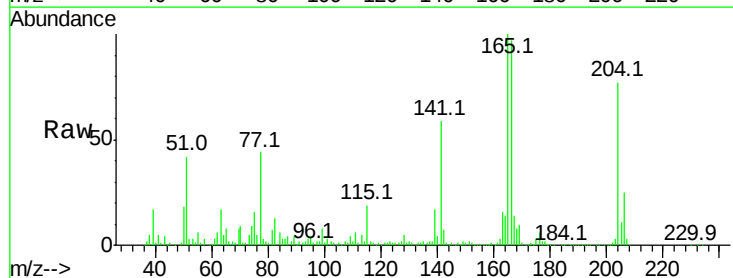
sohil

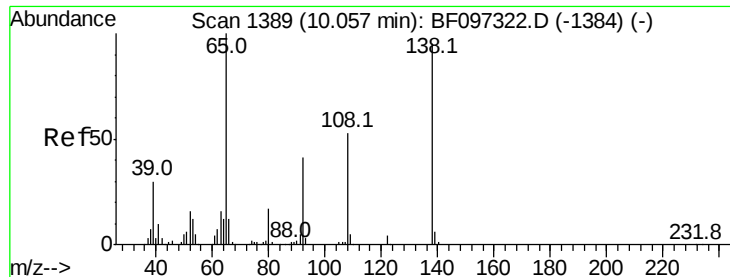
8/14/2017 6:33:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.132 ng
RT: 9.96 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion:	204	Resp:	185903
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.2	39.2
141	76.3	60.8	91.2



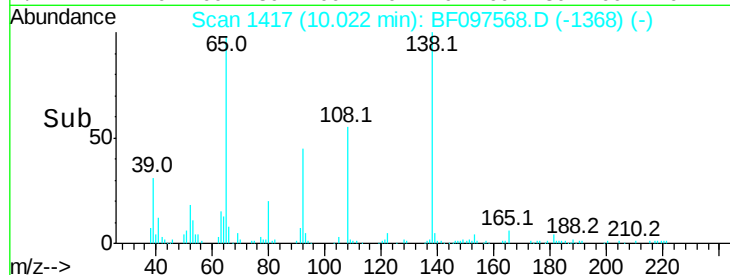
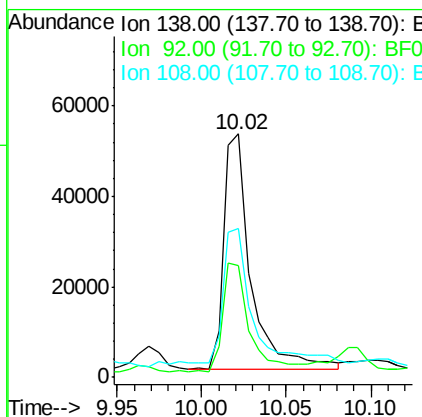
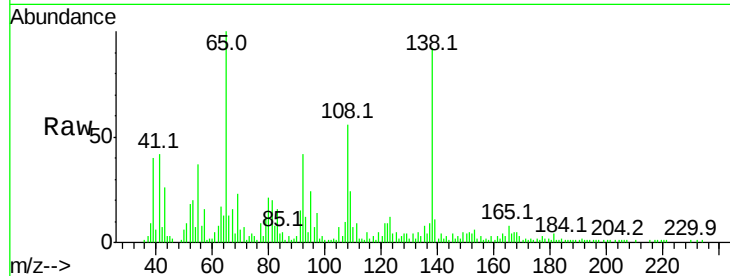


#61
4-Nitroaniline
Concen: 17.355 ng
RT: 10.02 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

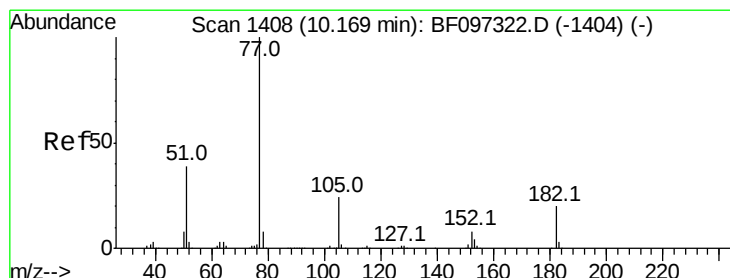
Tot Ion	Ratio	Lower	Upper
138	100		
92	45.7	21.8	61.8
108	61.4	42.3	82.3

Manual Integrations
APPROVED



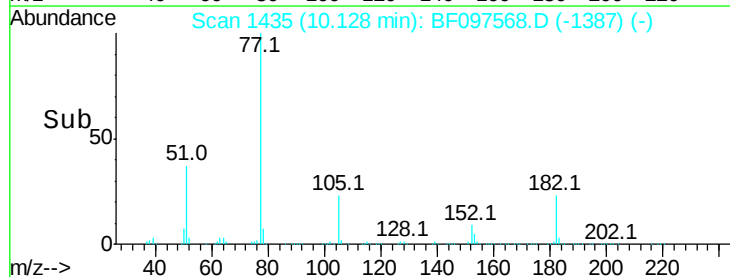
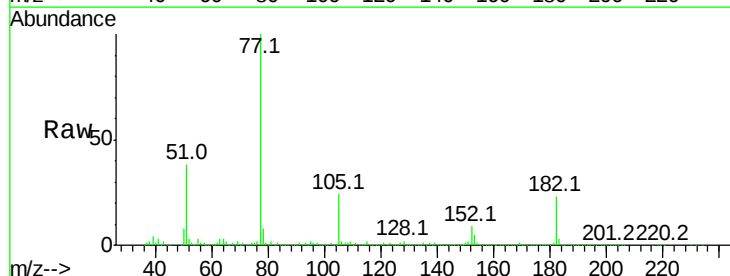
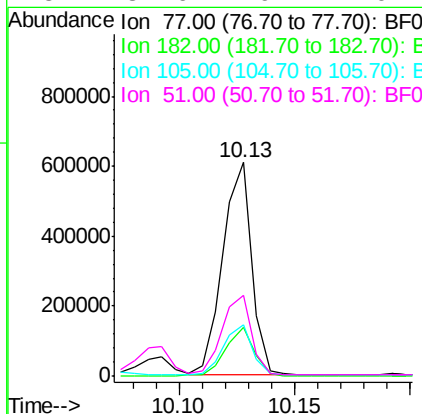
sohil

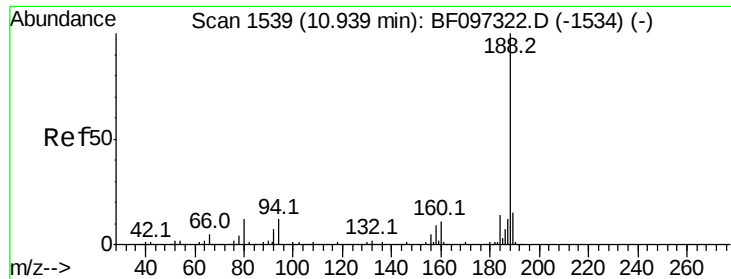
8/14/2017 6:33:57 PM



#62
Azobenzene
Concen: 46.160 ng
RT: 10.13 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.1	40.1
105	24.0	3.6	43.6
51	37.6	9.4	49.4



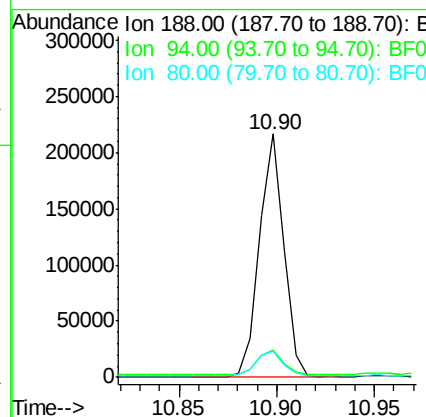
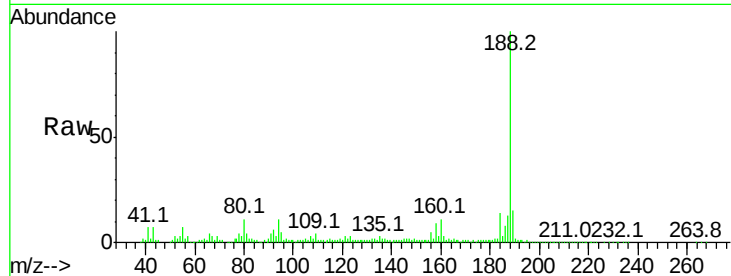


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

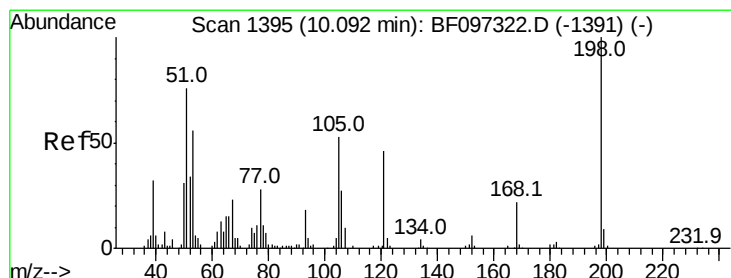
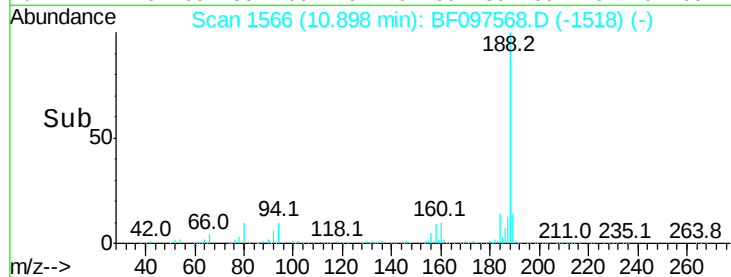
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	9.4	14.2	
80	10.8	10.2	15.2	

Manual Integrations
APPROVED



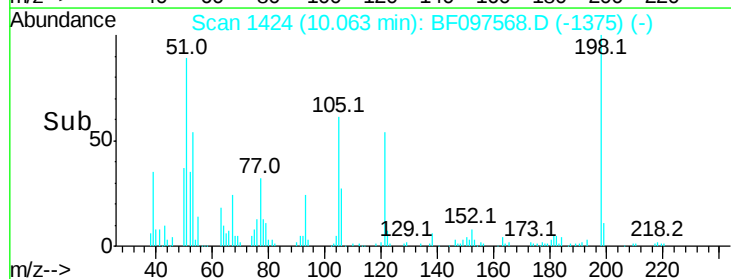
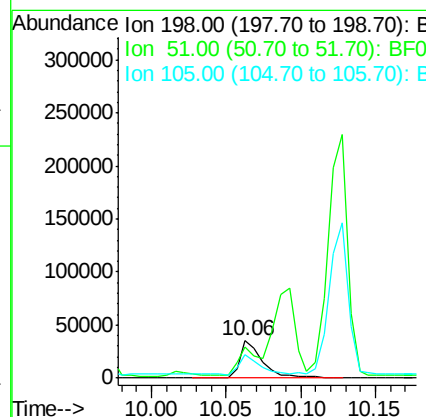
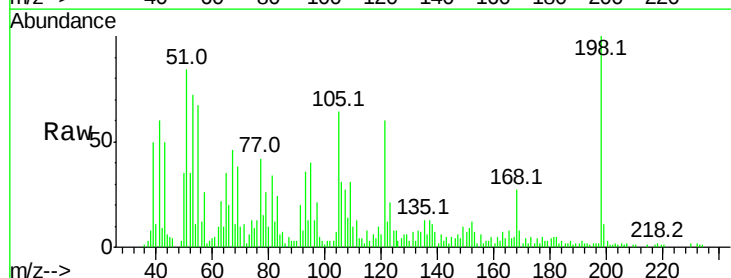
sohil

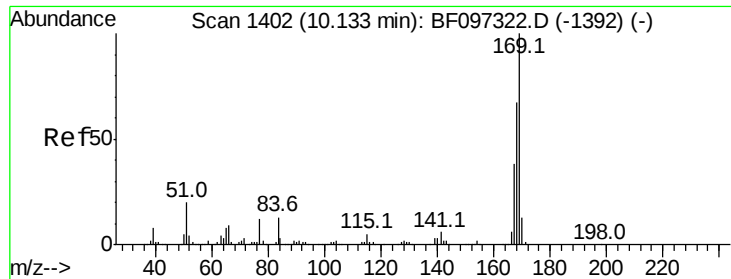
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.098 ng
RT: 10.06 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	83.7	53.2	93.2	
105	63.8	45.8	85.8	



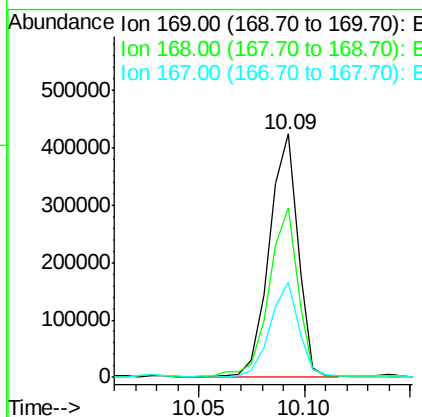
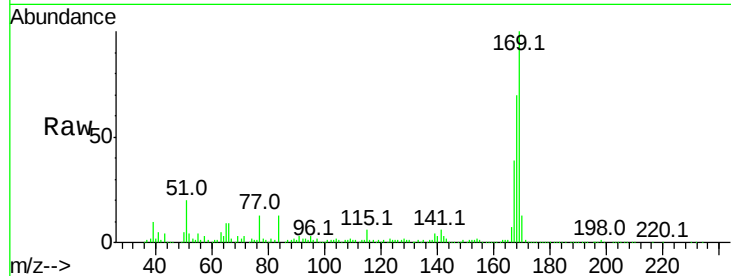


#65
n-Nitrosodiphenylamine
Concen: 61.673 ng
RT: 10.09 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

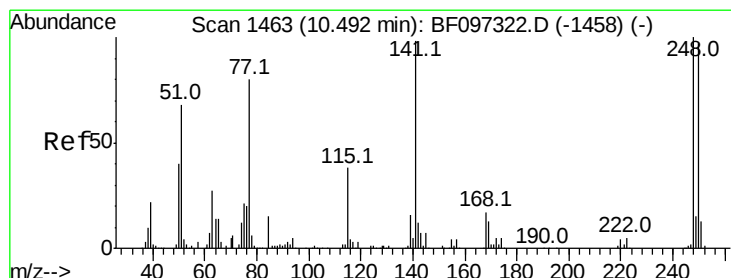
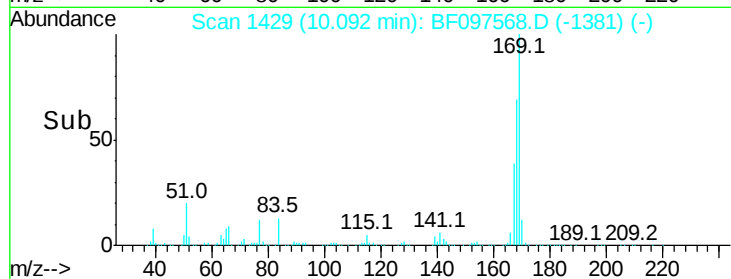
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.6	53.2	79.8	
167	38.9	29.5	44.3	

Manual Integrations
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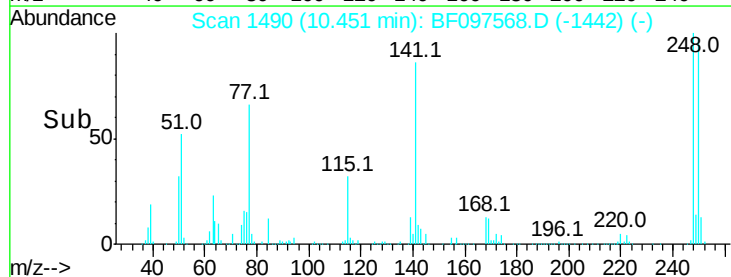
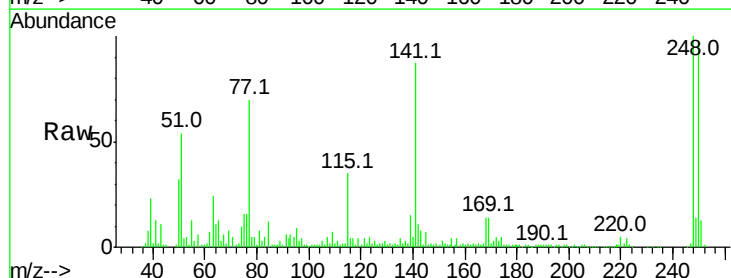
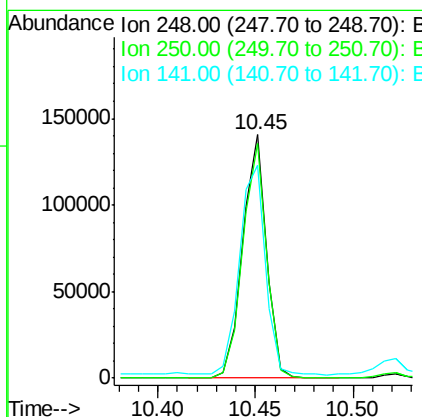
sohil

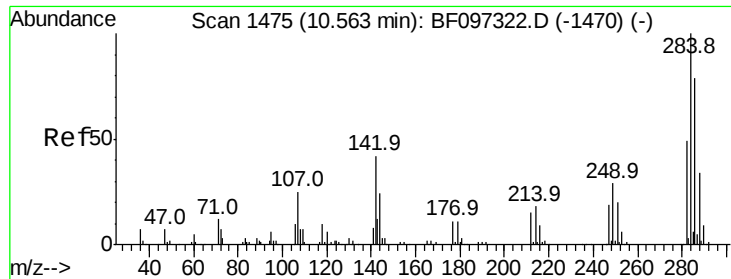
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#66
4-Bromophenyl-phenylether
Concen: 63.405 ng
RT: 10.45 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	76.8	115.2	
141	87.4	68.6	103.0	



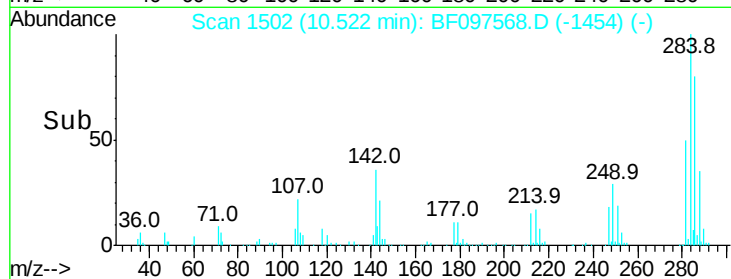
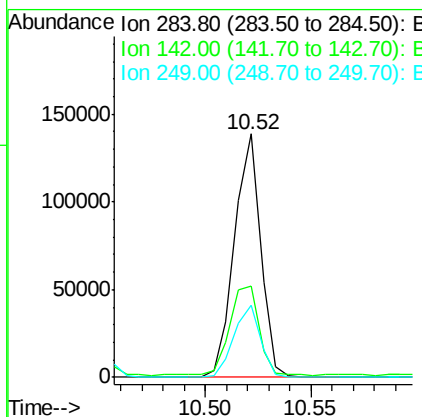
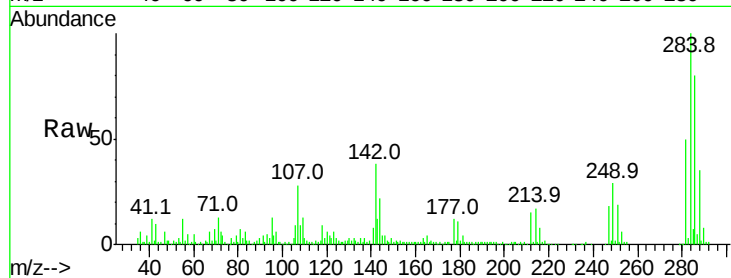


#67
Hexachlorobenzene
Concen: 56.948 ng
RT: 10.52 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

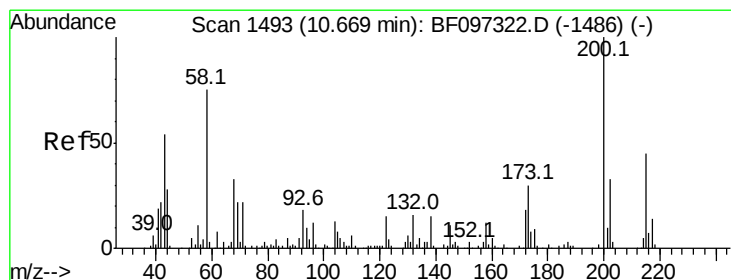
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.5	22.8	34.2	
249	29.5	24.0	36.0	

Manual Integrations
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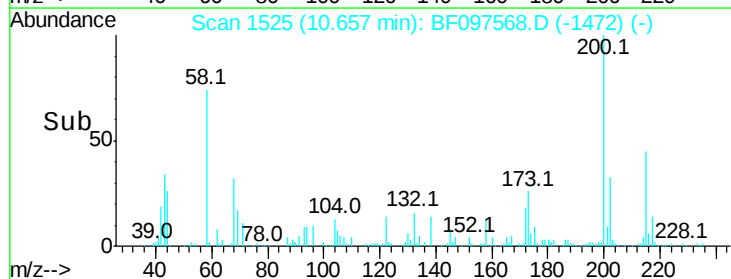
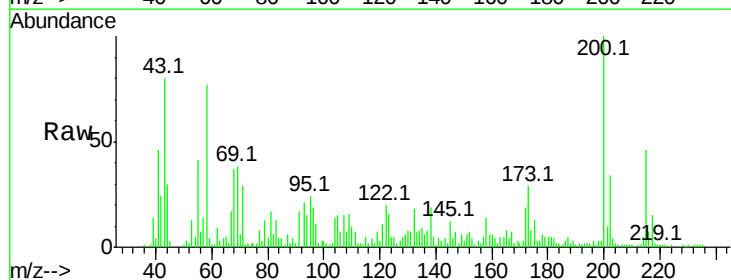
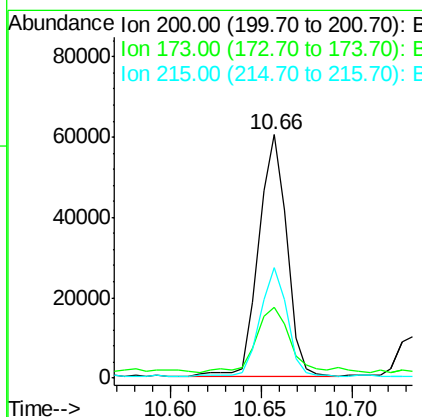
sohil

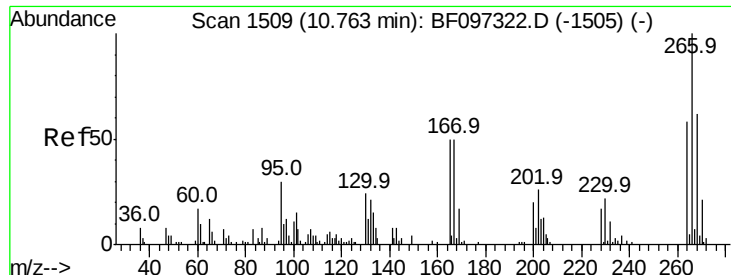
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#68
Atrazine
Concen: 34.920 ng
RT: 10.66 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.9	6.3	46.3	
215	45.6	27.2	67.2	



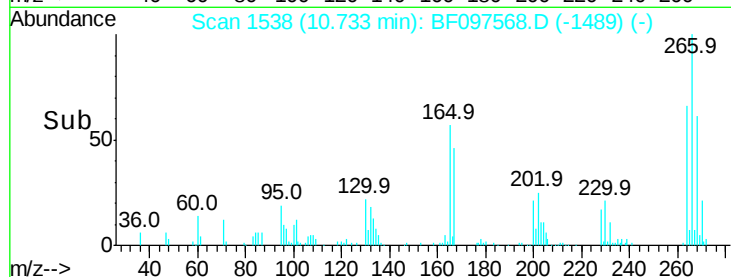
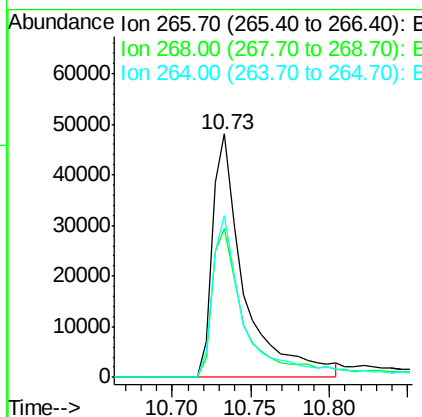
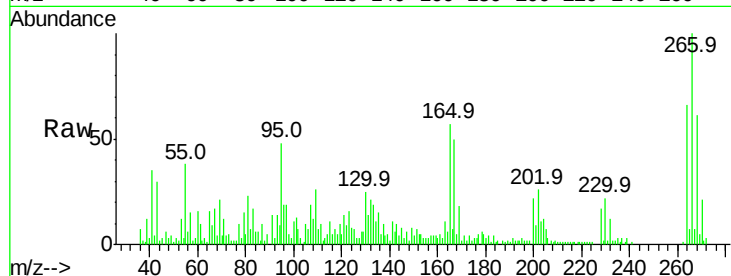


#69
 Pentachlorophenol
 Concen: 77.879 ng/mL
 RT: 10.73 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

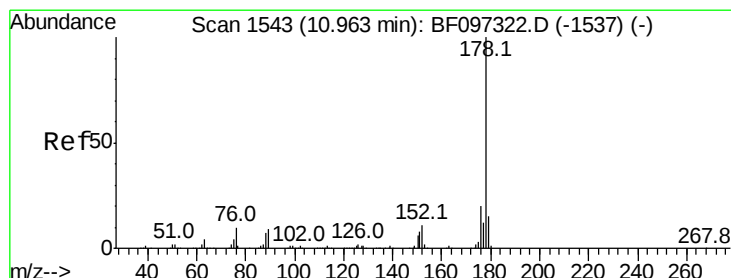
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	66.5	51.7	77.5

Manual Integrations
 APPROVED



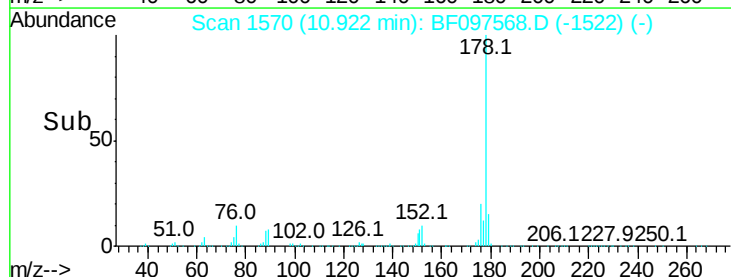
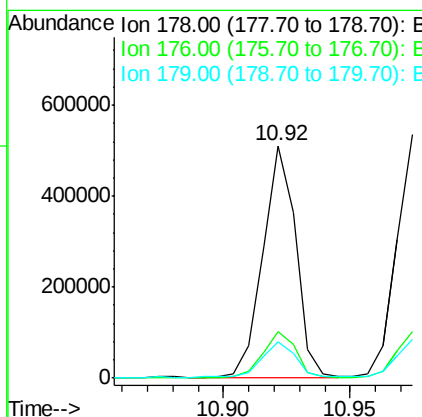
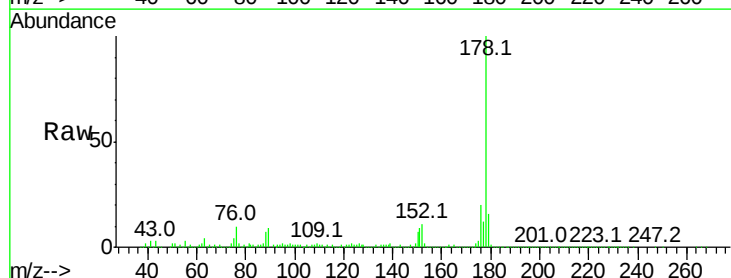
sohil

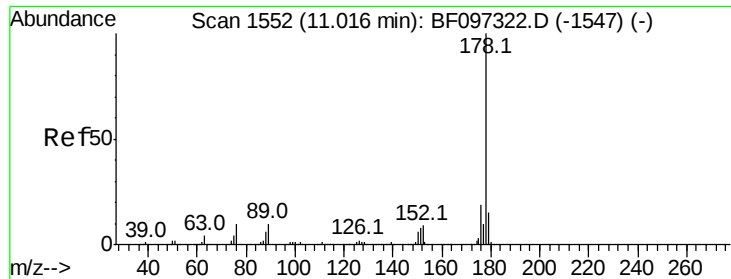
8/14/2017 6:33:57 PM



#70
 Phenanthrene
 Concen: 46.090 ng/mL
 RT: 10.92 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.6	12.6	19.0



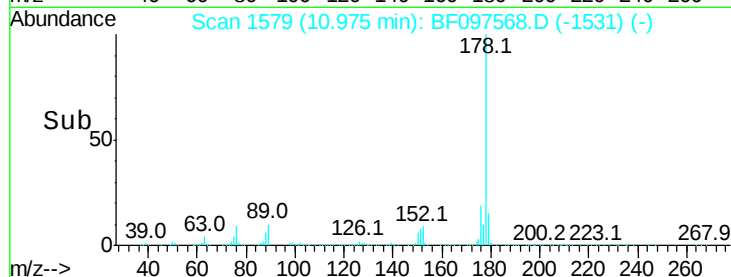
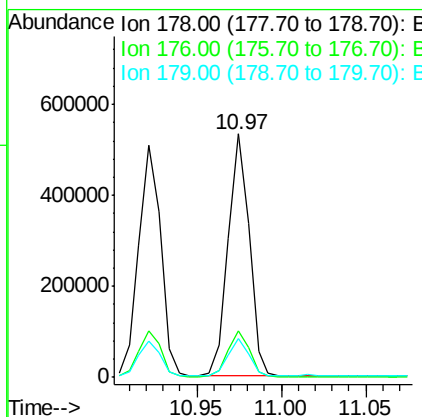
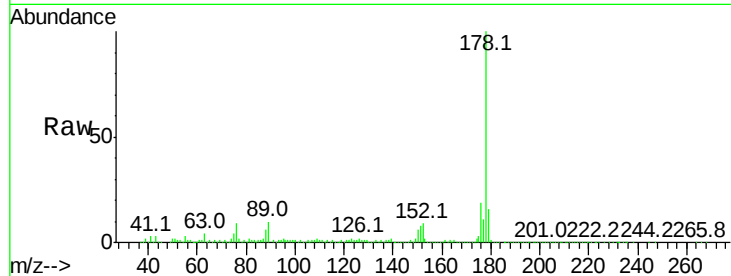


#71
 Anthracene
 Concen: 45.446 ng
 RT: 10.97 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

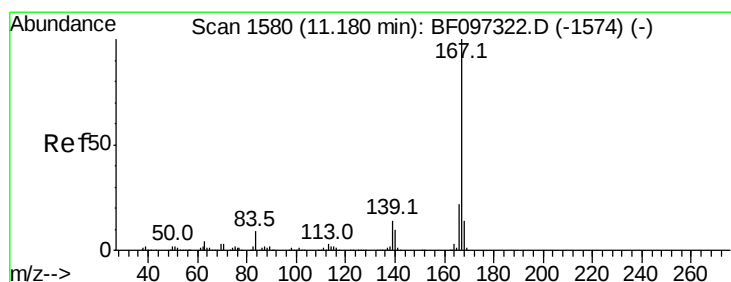
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	12.7	19.1

Manual Integrations
 APPROVED



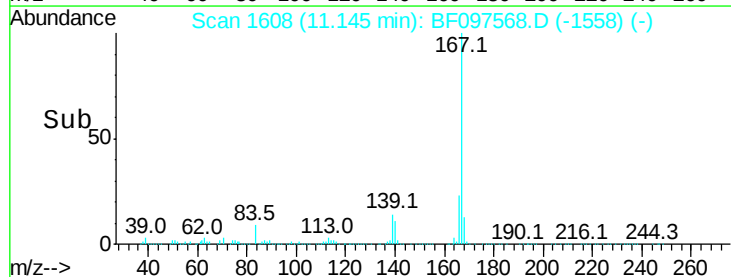
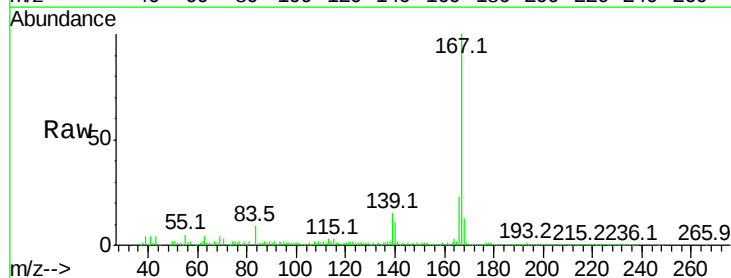
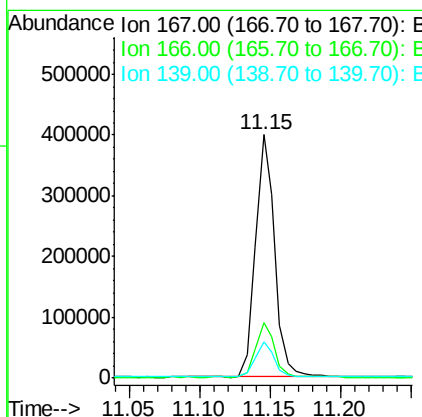
sohil

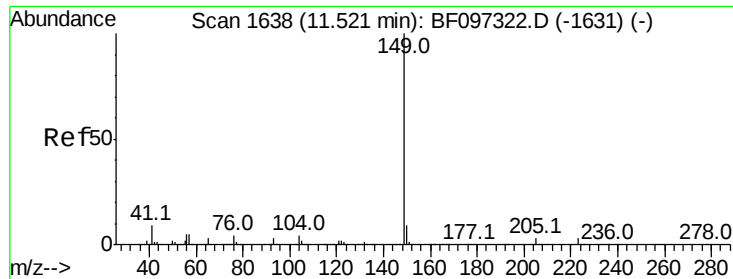
8/14/2017 6:33:57 PM



#72
 Carbazole
 Concen: 37.979 ng
 RT: 11.15 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	14.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.239 ng

RT: 11.48 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

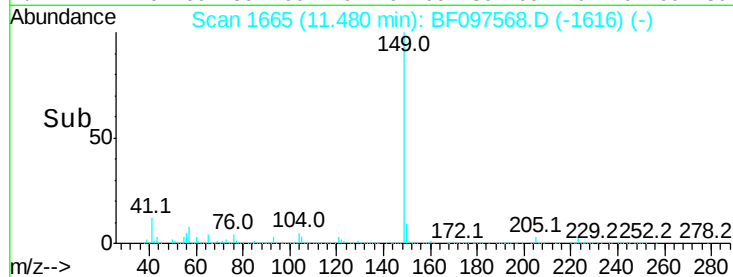
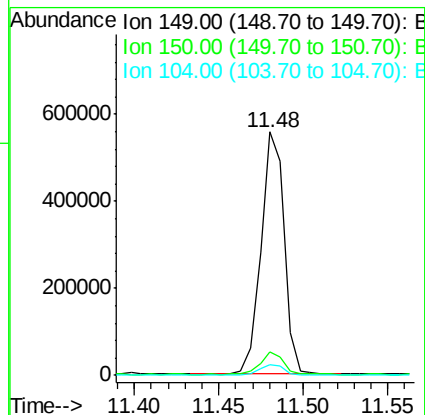
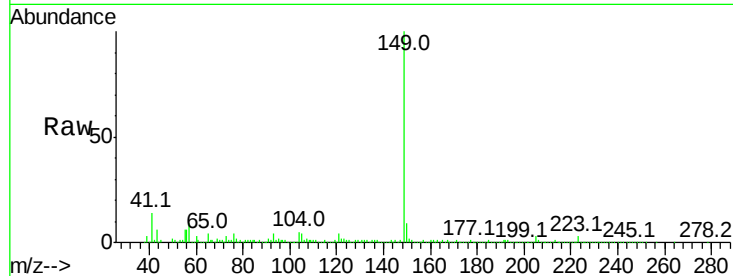
BNA_F

ClientSampleId :

VE-4-11MS

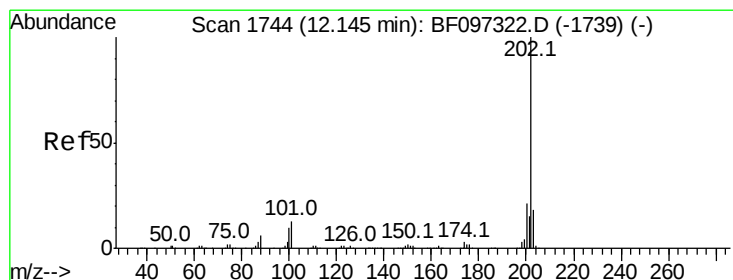
Tot Ion:	149	Resp:	525880
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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8/14/2017 6:33:57 PM



#74

Fluoranthene

Concen: 40.891 ng

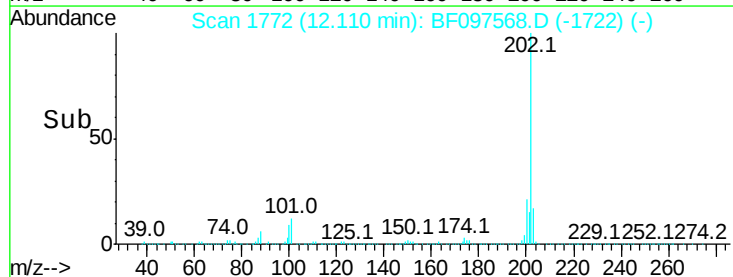
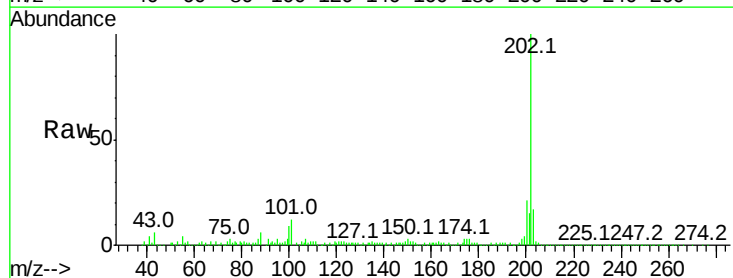
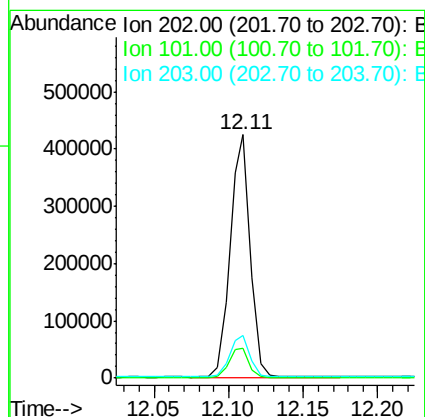
RT: 12.11 min Scan# 1772

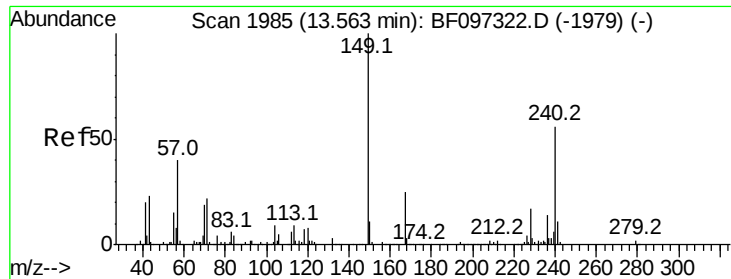
Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	202	Resp:	400554
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	17.3	0.0	38.1



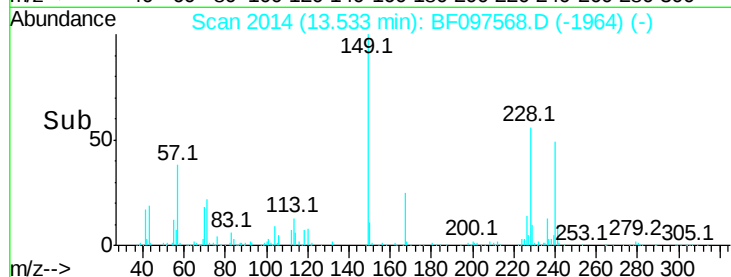
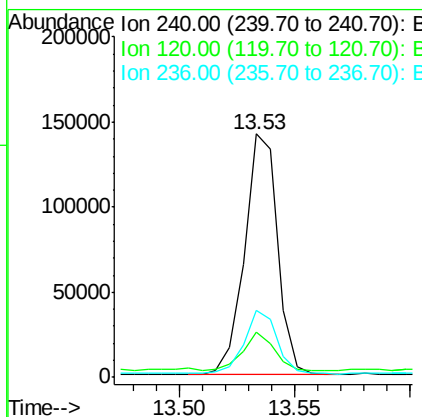
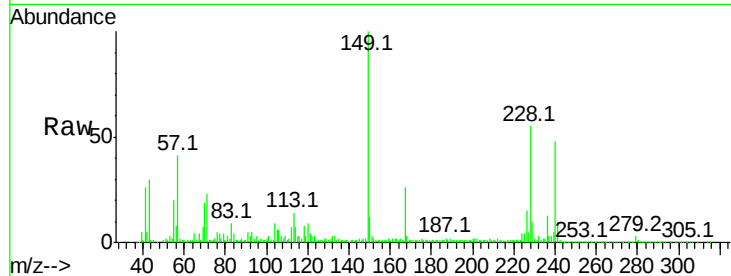


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

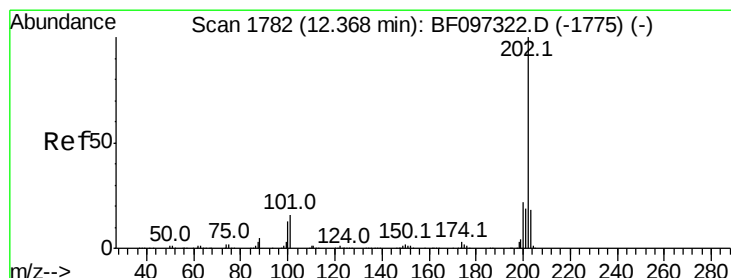
Tot Ion	Ratio	Lower	Upper
240	100		
120	18.6	5.8	8.8#
236	27.5	20.5	30.7

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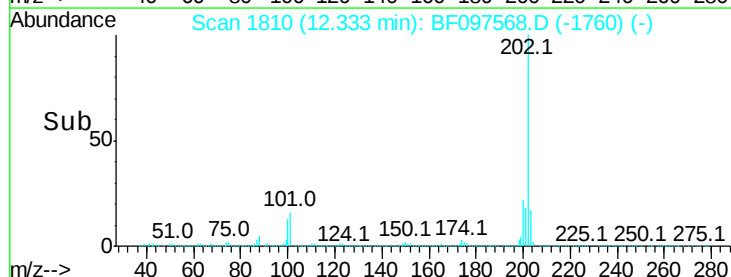
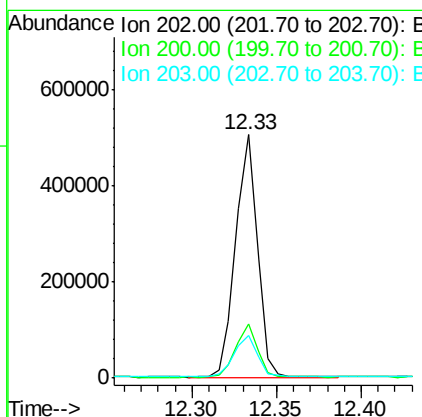
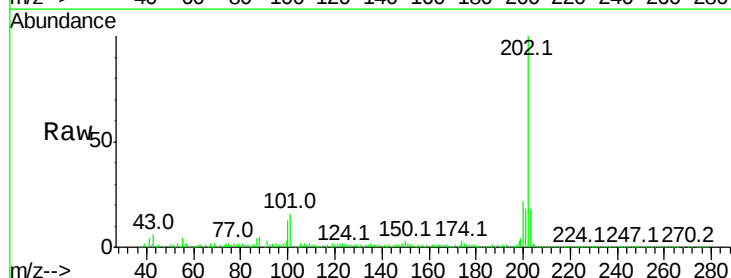
sohil

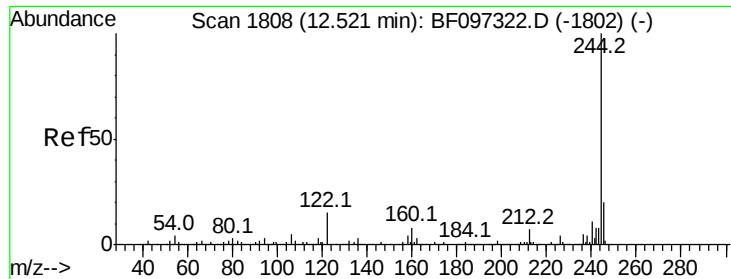
8/14/2017 6:33:57 PM



#77
Pyrene
Concen: 39.157 ng
RT: 12.33 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.8	14.4	21.6





#78

Terphenyl-d14

Concen: 60.602 ng

RT: 12.49 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

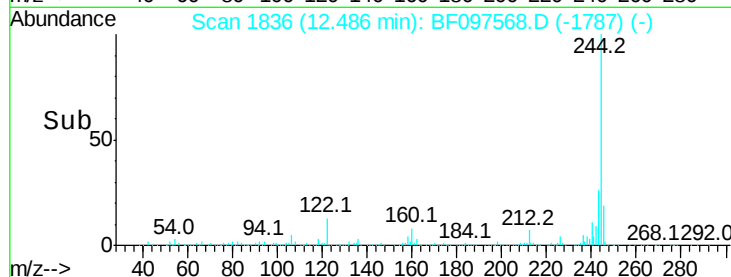
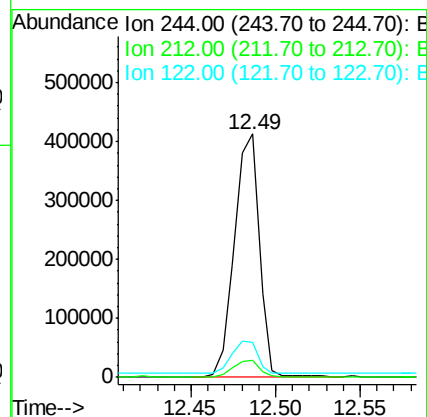
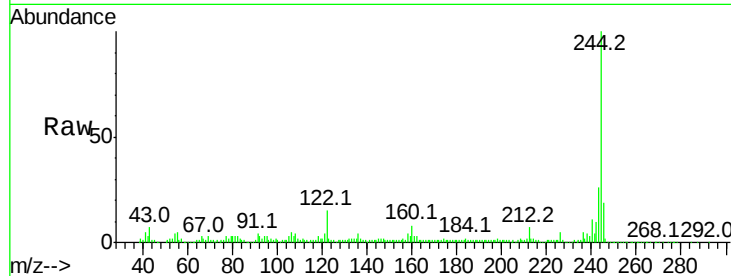
BNA_F

ClientSampleId :

VE-4-11MS

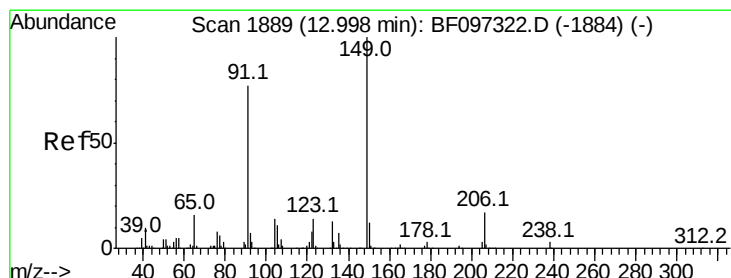
Tot Ion:	244	Resp:	420258
Ion Ratio		Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 41.506 ng

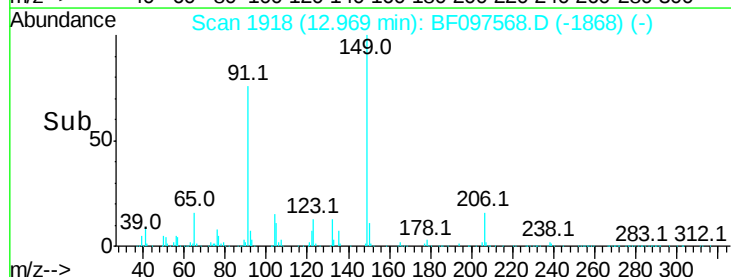
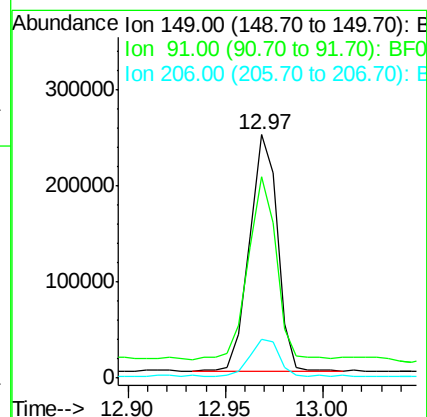
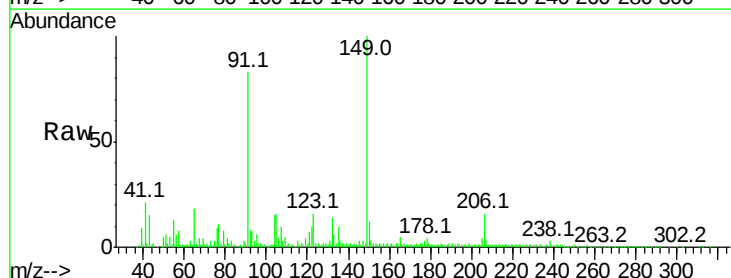
RT: 12.97 min Scan# 1918

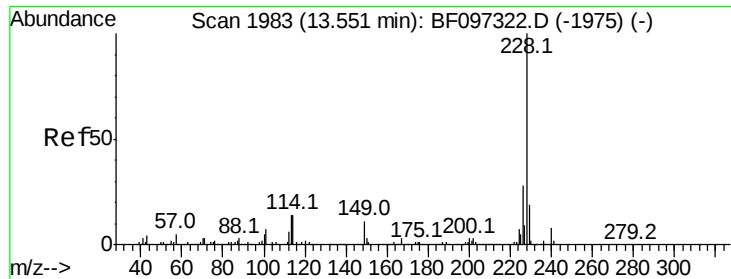
Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	149	Resp:	244383
Ion Ratio		Lower	Upper
149	100		
91	82.6	45.0	67.4#
206	16.0	17.0	25.6#



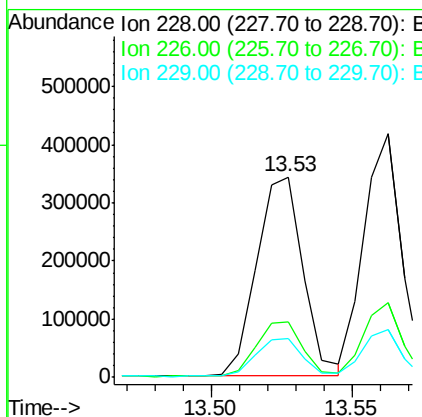
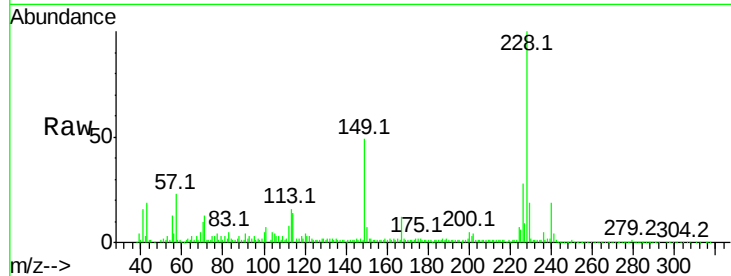


#80
Benzo(a)anthracene
Concen: 42.758 ng
RT: 13.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

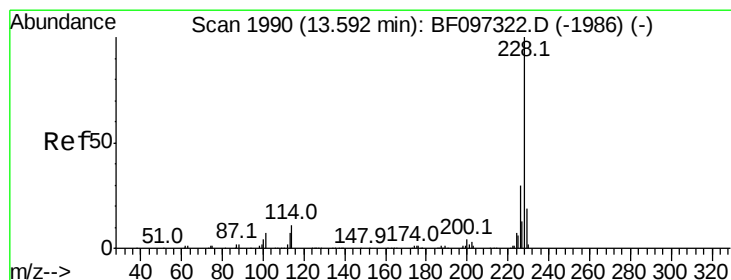
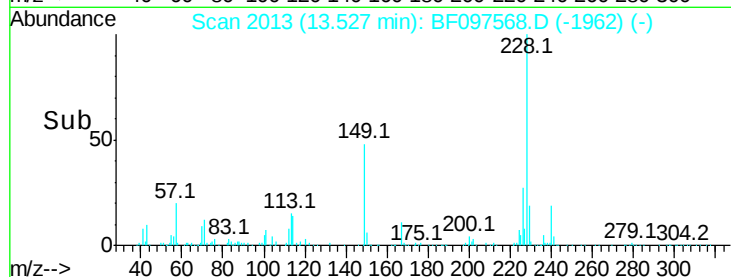
Tot Ion	Ratio	Resp	Lower	Upper
228	100	391168		
226	28.0		22.6	33.8
229	19.5		16.3	24.5

Manual Integrations
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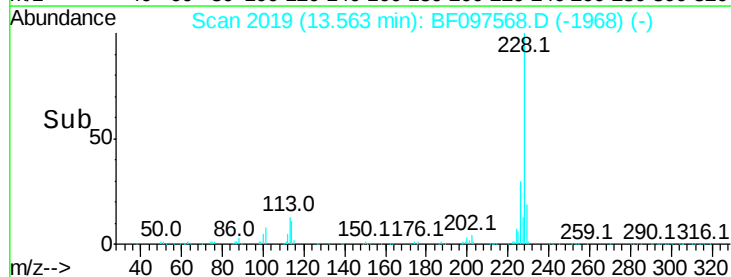
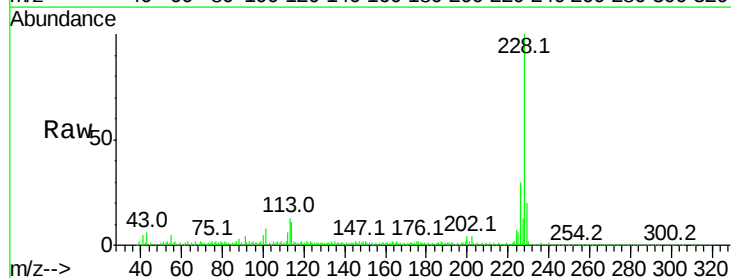
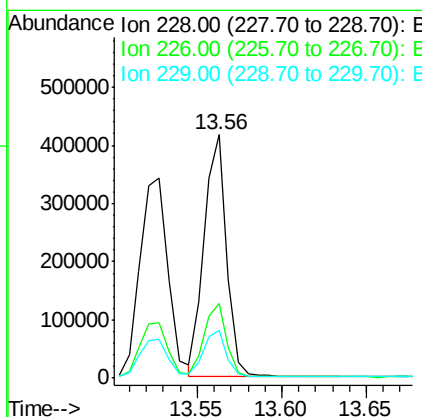
sohil

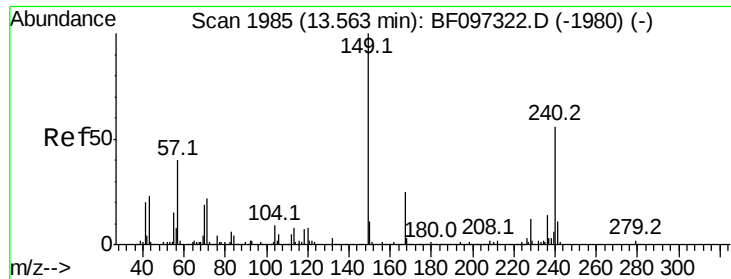
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#82
Chrysene
Concen: 43.163 ng
RT: 13.56 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	385583		
226	30.5		24.9	37.3
229	19.8		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.397 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

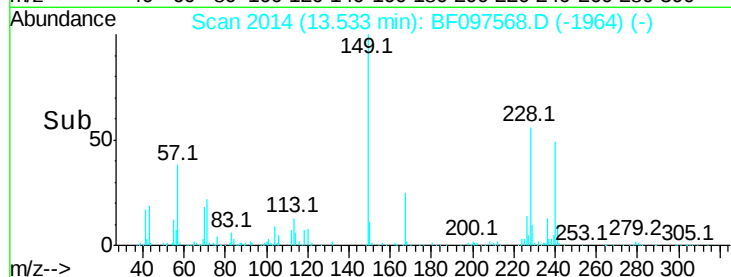
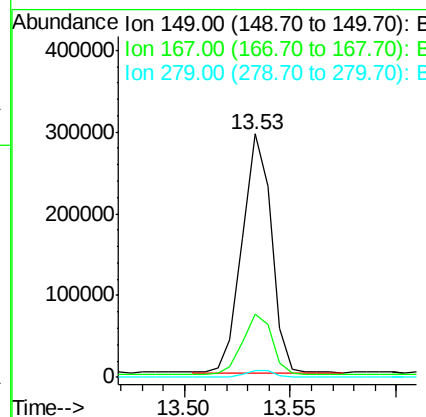
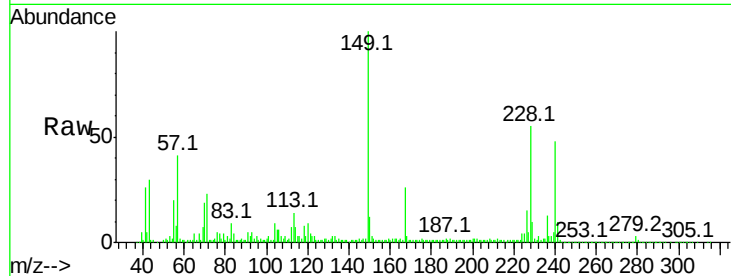
BNA_F

ClientSampled :

VE-4-11MS

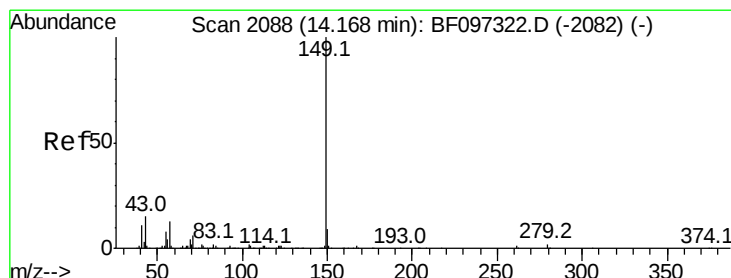
Tot Ion:	149	Resp:	279807
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	2.6	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.196 ng

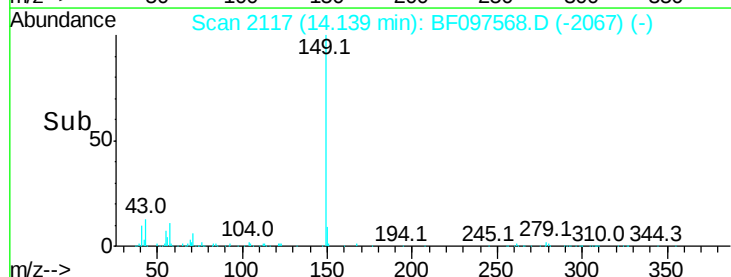
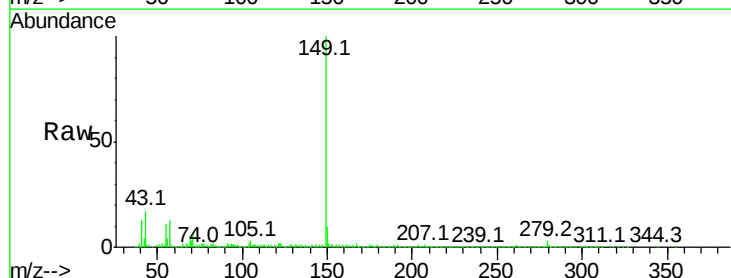
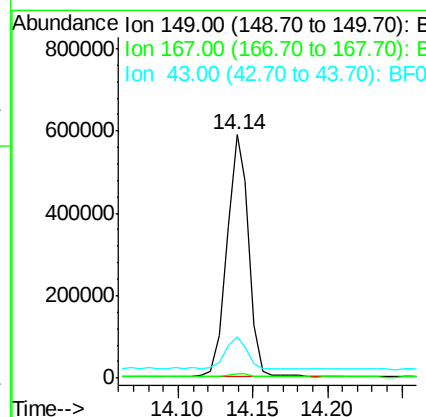
RT: 14.14 min Scan# 2117

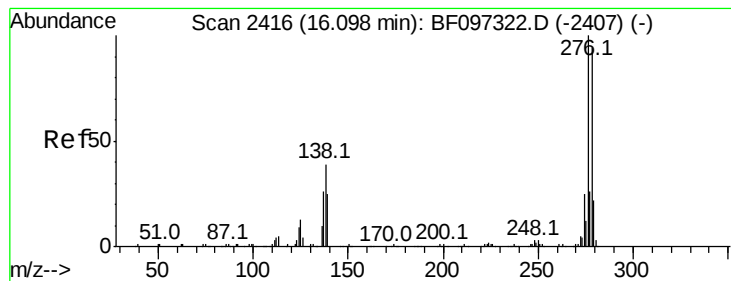
Delta R.T. -0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	149	Resp:	595294
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.2	1.8
43	13.3	8.5	12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.395 ng

RT: 16.07 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Instrument :

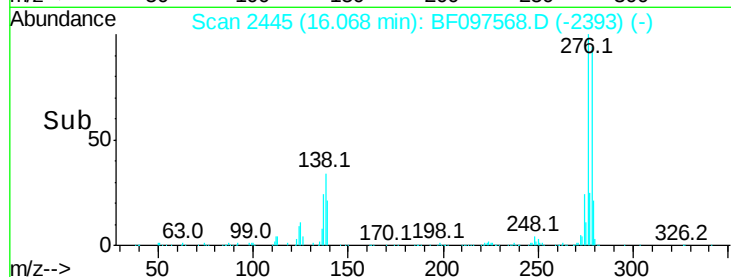
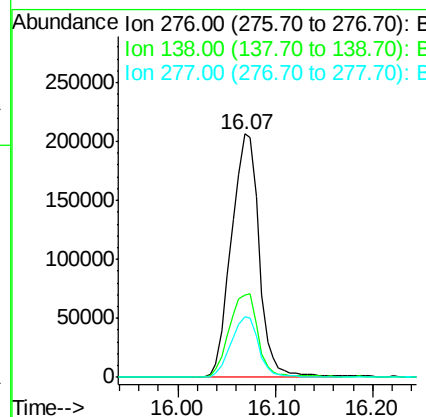
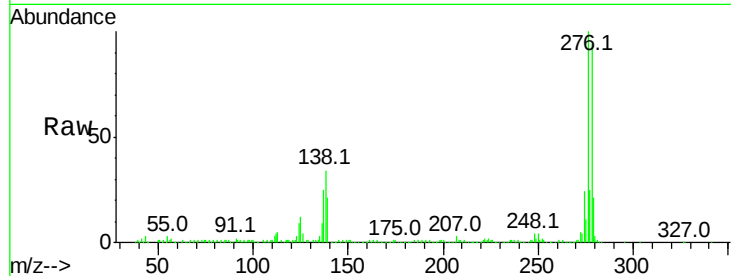
BNA_F

ClientSampleId :

VE-4-11MS

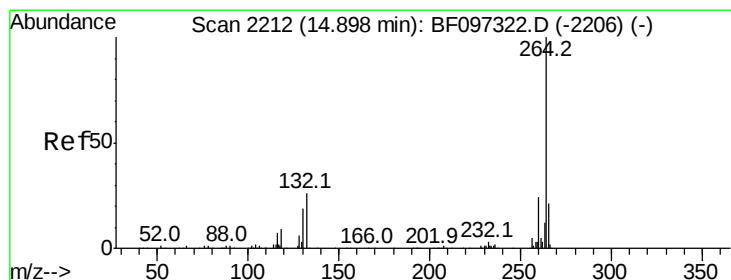
Tot Ion:	276	Resp:	409003
Ion Ratio	Lower	Upper	
276	100		
138	35.3	27.8	41.6
277	25.0	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

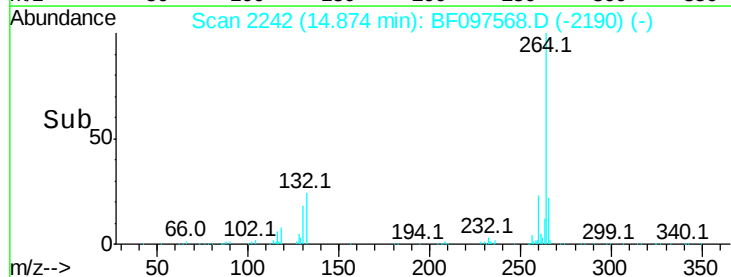
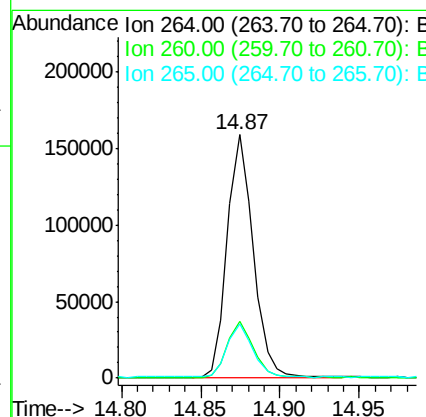
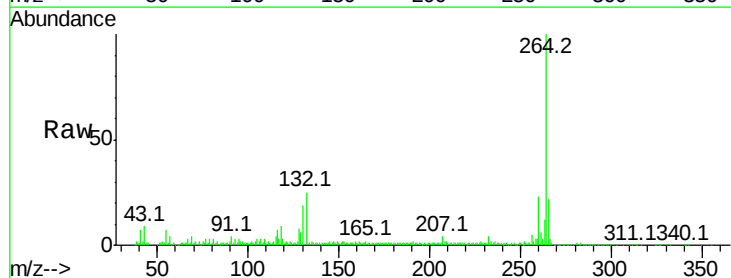
RT: 14.87 min Scan# 2242

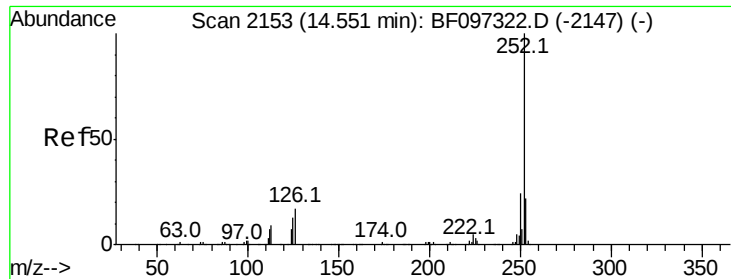
Delta R.T. 0.01 min

Lab File: BF097568.D

Acq: 10 Aug 2017 19:59

Tgt Ion:	264	Resp:	181013
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	22.4	17.2	25.8



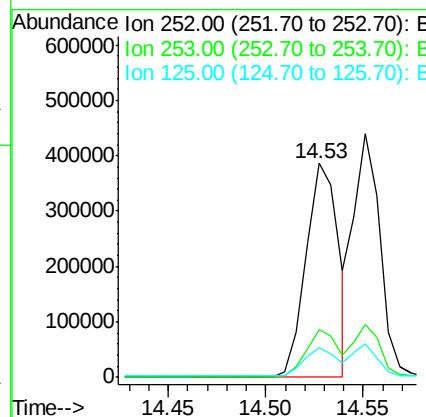
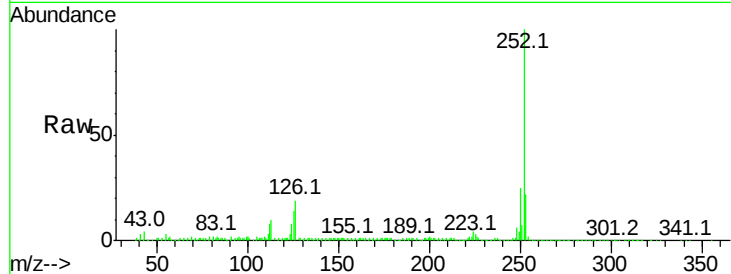


#87
Benzo(b)fluoranthene
Concen: 40.826 ng
RT: 14.53 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

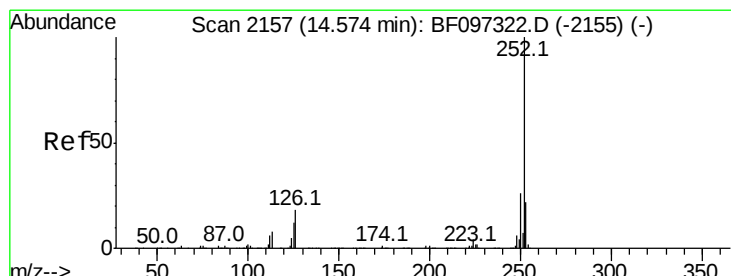
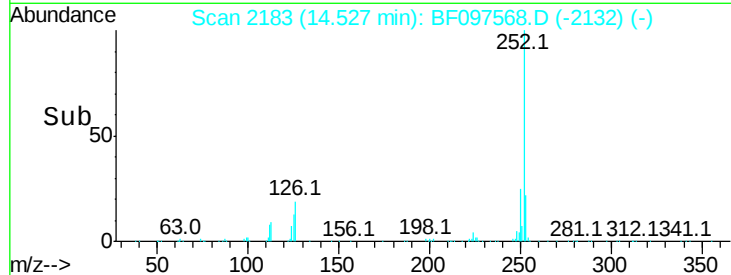
Tot Ion:252	Resp:	444231
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.1 27.1
125	14.1	9.8 14.8

Manual Integrations
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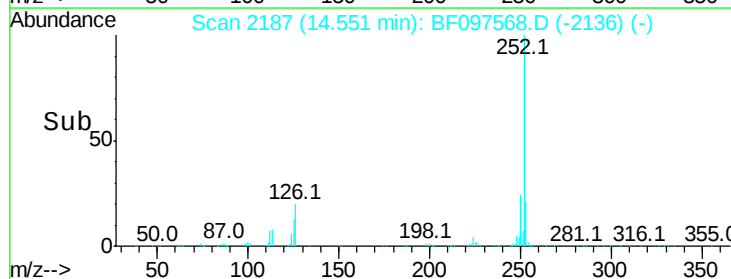
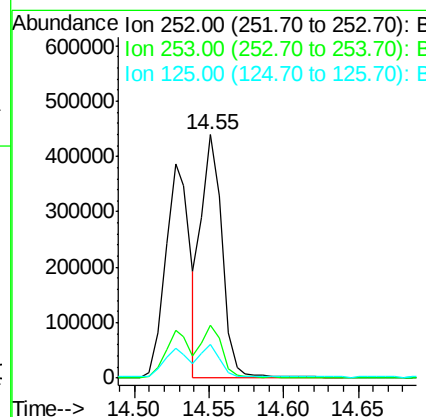
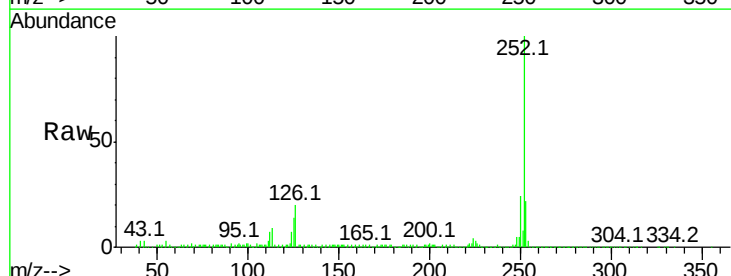
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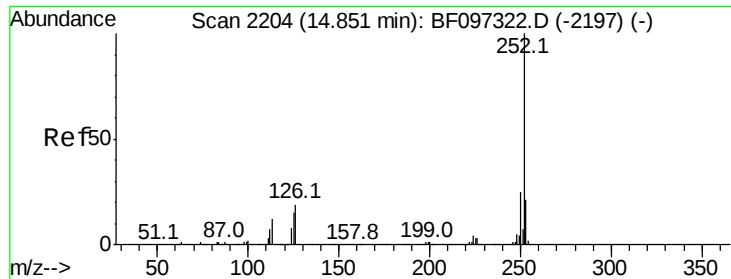
8/14/2017 6:33:57 PM



#88
Benzo(k)fluoranthene
Concen: 39.854 ng
RT: 14.55 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion:252	Resp:	413237
Ion Ratio	Lower	Upper
252	100	
253	21.7	18.4 27.6
125	13.9	13.1 19.7



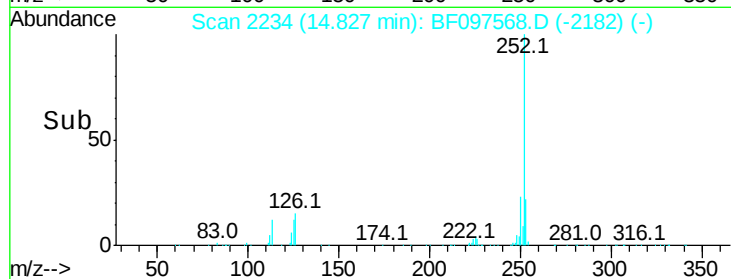
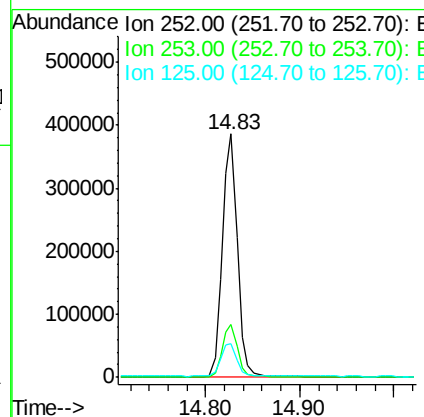
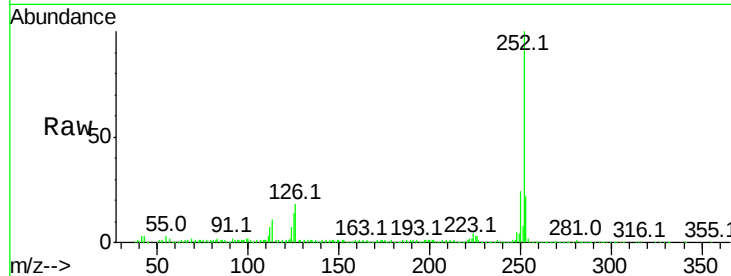


#89
Benzo(a)pyrene
Concen: 43.563 ng
RT: 14.83 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

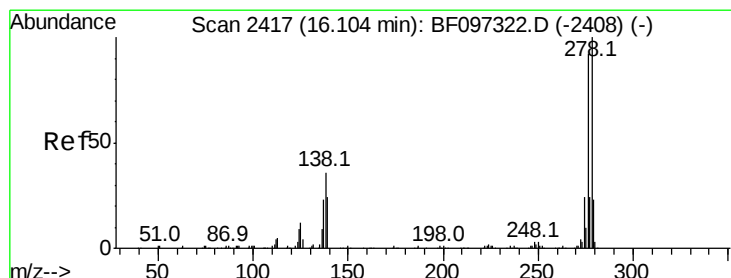
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.0	11.0	16.4

Manual Integrations
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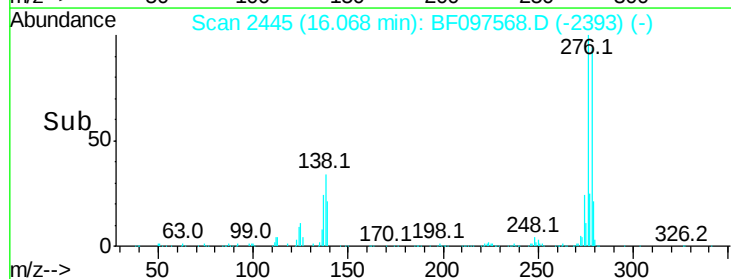
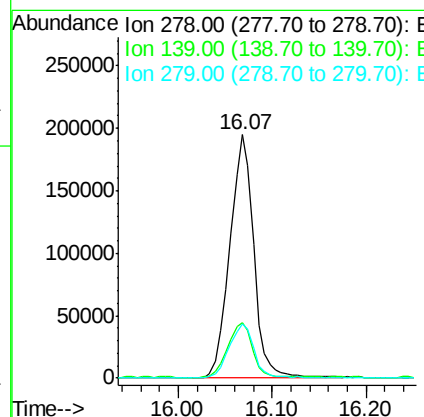
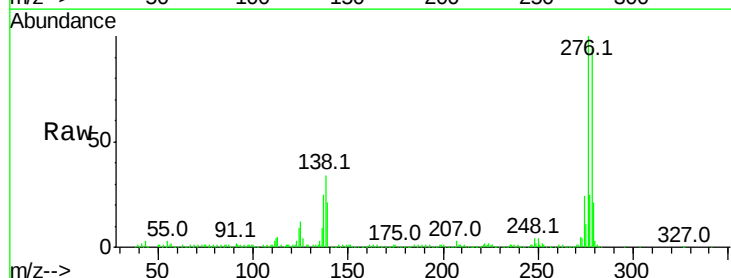
sohil

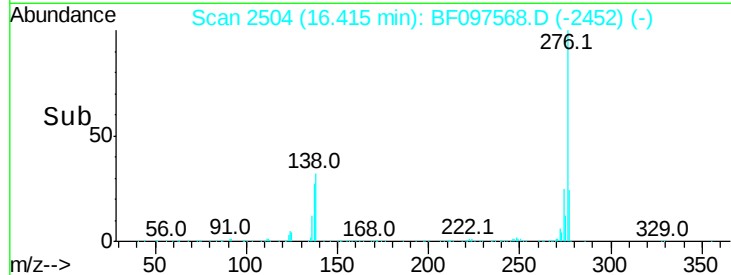
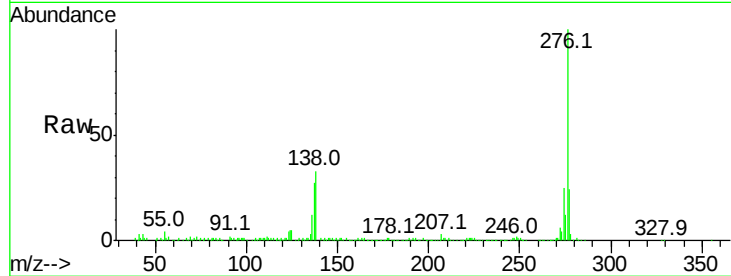
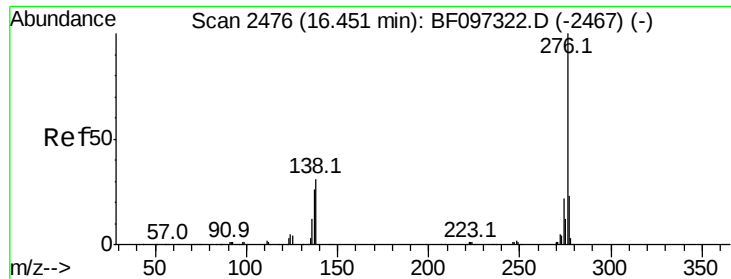
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#90
Dibenzo(a,h)anthracene
Concen: 42.253 ng
RT: 16.07 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BF097568.D
Acq: 10 Aug 2017 19:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	22.3	19.3	28.9



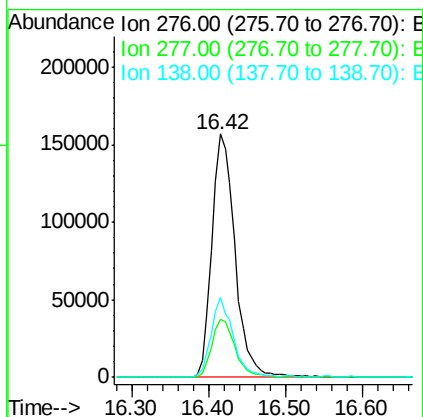


#91
 Benzo(a,h,i)perylene
 Concen: 37.985 ng
 RT: 16.42 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BF097568.D
 Acq: 10 Aug 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	32.7	25.4	38.0

Manual Integrations
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