

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097648.D
 Acq On : 12 Aug 2017 22:34
 Operator : SJ/JU
 Sample : I4631-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Manual Integrations
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 8/14/2017 7:06:33 PM

Quant Time: Aug 14 12:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	134999	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	556852	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	215877	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	279206	20.00	ng	0.00
75) Chrysene-d12	18.47	240	173103	20.00	ng	0.00
86) Perylene-d12	20.14	264	178390	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	578883	68.16	ng	0.04
7) Phenol-d6	7.11	99	397325	37.71	ng	0.05
23) Nitrobenzene-d5	8.43	82	771208	86.84	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	166526	101.47	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	1138003	79.56	ng	0.00
78) Terphenyl-d14	17.12	244	510732	61.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.85	88	44981	12.204	ng	# 76
3) Pyridine	2.56	79	28112	2.615	ng	# 62
4) n-Nitrosodimethylamine	2.42	42	80376	12.886	ng	# 77
6) Aniline	7.08	93	76966	5.083	ng	98
8) 2-Chlorophenol	7.21	128	347119	35.652	ng	91
9) Benzaldehyde	6.82	77	197734	28.462	ng	95
10) Phenol	7.14	94	182562	15.826	ng	# 34
11) bis(2-Chloroethyl)ether	7.15	93	387768	41.908	ng	91
12) 1,3-Dichlorobenzene	7.40	146	355955	32.646	ng	98
13) 1,4-Dichlorobenzene	7.53	146	363640	32.765	ng	96
14) 1,2-Dichlorobenzene	7.76	146	346217	34.183	ng	98
15) Benzyl Alcohol	7.82	79	181484	24.928	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	918350	44.207	ng	91
17) 2-Methylphenol	8.06	107	241904	32.058	ng	99
18) Hexachloroethane	8.28	117	127942	33.695	ng	# 80
19) n-Nitroso-di-n-propylamine	8.24	70	316091	43.133	ng	# 80
20) 3+4-Methylphenols	8.32	107	275900	29.855	ng	# 59
22) Acetophenone	8.19	105	564846	42.937	ng	# 99
24) Nitrobenzene	8.45	77	428220	44.248	ng	99
25) Isophorone	8.86	82	745146	45.549	ng	97
26) 2-Nitrophenol	8.96	139	216164	44.160	ng	# 89
27) 2,4-Dimethylphenol	9.12	122	322071	39.455	ng	97
28) bis(2-Chloroethoxy)methane	9.23	93	512343	43.345	ng	99
29) 2,4-Dichlorophenol	9.40	162	308965	42.925	ng	96
30) 1,2,4-Trichlorobenzene	9.46	180	272225	38.147	ng	95
31) Naphthalene	9.57	128	1054151	37.794	ng	99
32) Benzoic acid	9.42	122	38238	8.693	ng	98
33) 4-Chloroaniline	9.73	127	136446	11.809	ng	97
34) Hexachlorobutadiene	9.79	225	133787	34.320	ng	98
35) Caprolactam	10.42	113	13302	5.736	ng	# 21
36) 4-Chloro-3-methylphenol	10.59	107	281613	34.822	ng	88
37) 2-Methylnaphthalene	10.69	142	689573	39.293	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	247309	40.457	ng	99
40) Hexachlorocyclopentadiene	10.95	237	40704	45.339	ng	98

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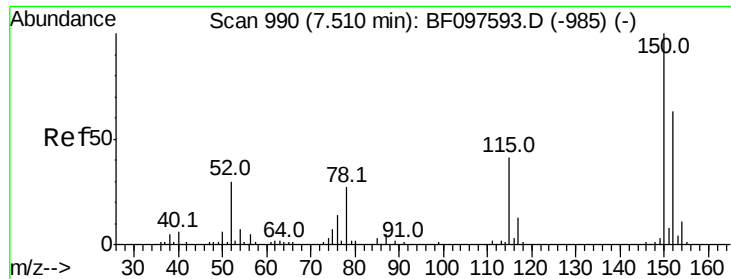
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	157301	39.057	nq	98
43) 2,4,5-Trichlorophenol	11.29	196	138634	36.445	nq	96
45) 1,1'-Biphenyl	11.46	154	720460	38.899	nq	97
46) 2-Chloronaphthalene	11.48	162	544743	38.307	nq	# 94
47) 2-Nitroaniline	11.70	65	218530	39.229	nq	97
48) Acenaphthylene	12.13	152	855092	37.824	nq	99
49) Dimethylphthalate	12.02	163	744861	44.771	nq	99
50) 2,6-Dinitrotoluene	12.12	165	138557	40.329	nq	# 61
51) Acenaphthene	12.42	154	512780	37.848	nq	99
52) 3-Nitroaniline	12.39	138	78712	17.498	nq	96
53) 2,4-Dinitrophenol	12.61	184	59127	41.748	nq	# 70
54) Dibenzofuran	12.70	168	767889	40.486	nq	98
55) 4-Nitrophenol	12.91	139	17635m	10.294	nq	
56) 2,4-Dinitrotoluene	12.78	165	181951	39.679	nq	# 72
57) Fluorene	13.26	166	591531	37.923	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	57119	21.864	nq	# 96
59) Diethylphthalate	13.16	149	653818	41.608	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	259054	38.902	nq	93
61) 4-Nitroaniline	13.39	138	69413	16.176	nq	92
62) Azobenzene	13.54	77	645824	41.311	nq	91
64) 4,6-Dinitro-2-methylphenol	13.46	198	52005	30.534	nq	91
65) n-Nitrosodiphenylamine	13.50	169	488069	47.303	nq	99
66) 4-Bromophenyl-phenylether	14.07	248	142605	49.231	nq	96
67) Hexachlorobenzene	14.15	284	142039	45.015	nq	# 88
68) Atrazine	14.47	200	84565	32.665	nq	96
69) Pentachlorophenol	14.53	266	25169	41.766	nq	97
70) Phenanthrene	14.80	178	676953	42.096	nq	100
71) Anthracene	14.89	178	687824	41.804	nq	98
72) Carbazole	15.19	167	611632	39.049	nq	98
73) Di-n-butylphthalate	15.76	149	829346	45.236	nq	99
74) Fluoranthene	16.57	202	553273	38.075	nq	98
77) Pyrene	16.87	202	543893	37.995	nq	100
79) Butylbenzylphthalate	17.79	149	269688	45.065	nq	# 70
80) Benzo(a)anthracene	18.46	228	443193	43.837	nq	100
82) Chrysene	18.50	228	426106	42.374	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	389962	45.816	nq	98
84) Di-n-octyl phthalate	19.31	149	668066	44.943	nq	# 93
85) Indeno(1,2,3-cd)pyrene	21.37	276	428421	54.777	nq	99
87) Benzo(b)fluoranthene	19.73	252	485141	45.290	nq	98
88) Benzo(k)fluoranthene	19.76	252	409745	37.980	nq	97
89) Benzo(a)pyrene	20.09	252	429999	43.734	nq	100
90) Dibenzo(a,h)anthracene	21.37	278	364957	51.843	nq	98
91) Benzo(g,h,i)perylene	21.72	276	358196	46.383	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.50 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion:152 Resp: 134999

Ion Ratio Lower Upper

152 100

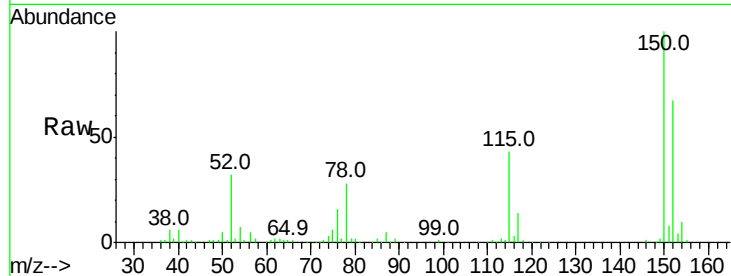
150 149.6 126.2 189.2

115 63.8 52.2 78.2

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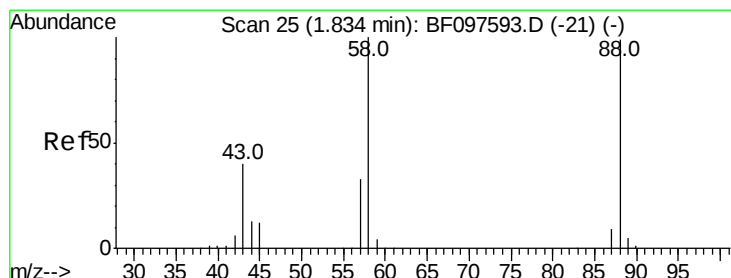
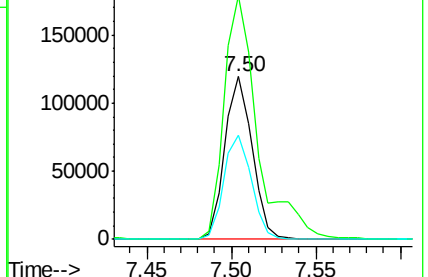
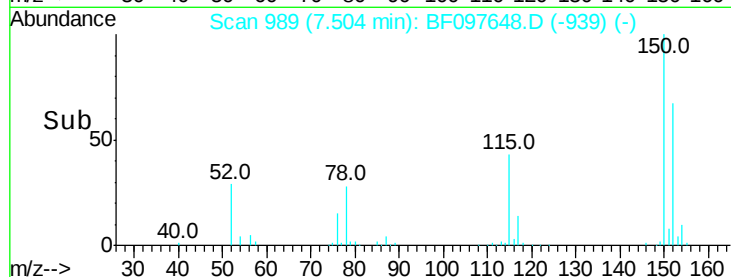
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.204 ng

RT: 1.85 min Scan# 28

Delta R.T. 0.02 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

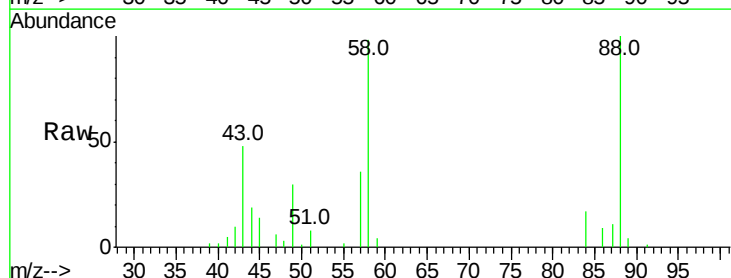
Tgt Ion: 88 Resp: 44981

Ion Ratio Lower Upper

88 100

58 100.7 61.4 92.0#

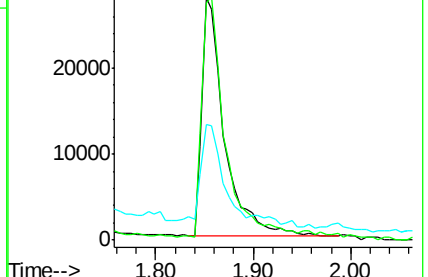
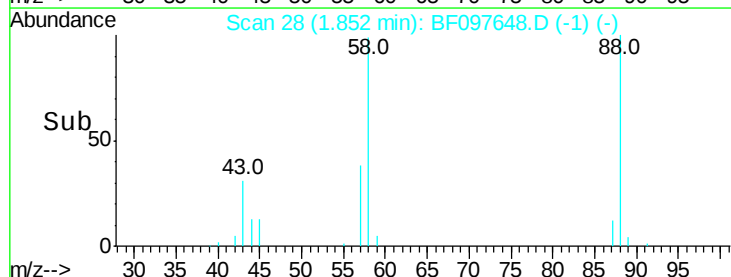
43 36.0 23.4 35.0#

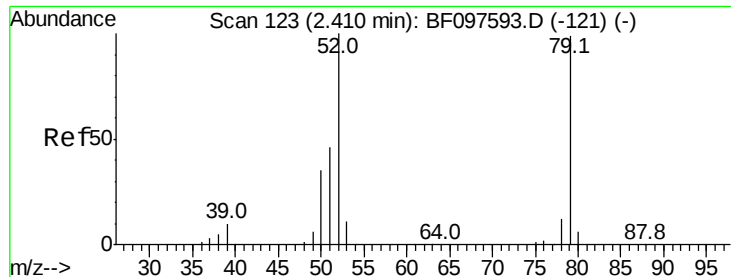


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 2.615 ng

RT: 2.56 min Scan# 148

Delta R.T. 0.15 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

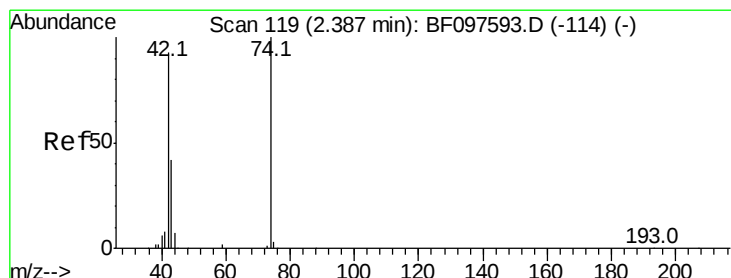
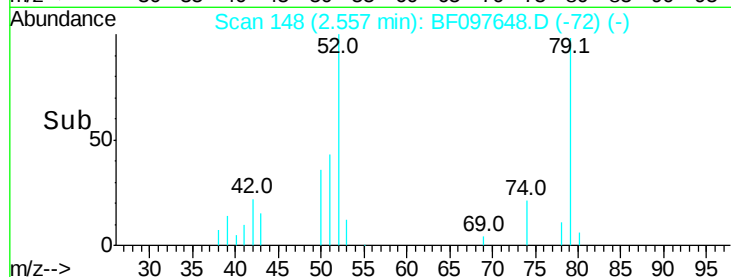
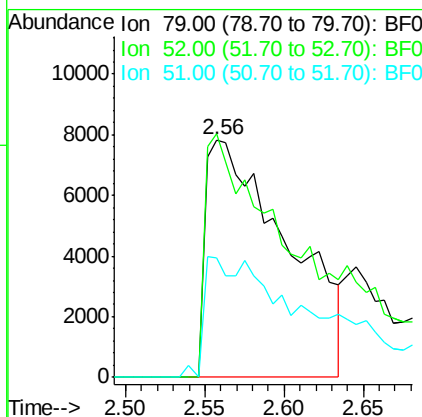
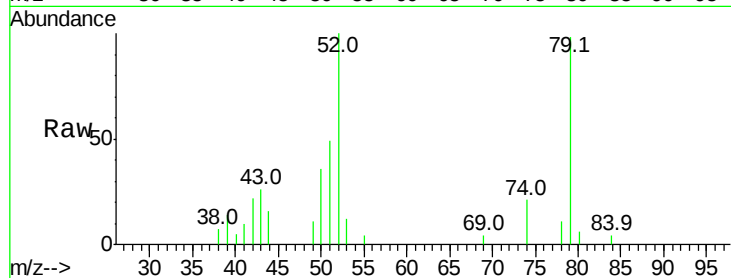
ClientSampled :

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Tot Ion:	79	Resp:	28112
Ion Ratio	Lower	Upper	
79	100		
52	102.5	54.8	82.2#
51	50.2	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 12.886 ng

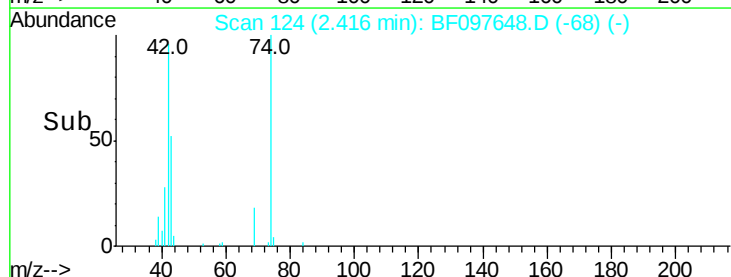
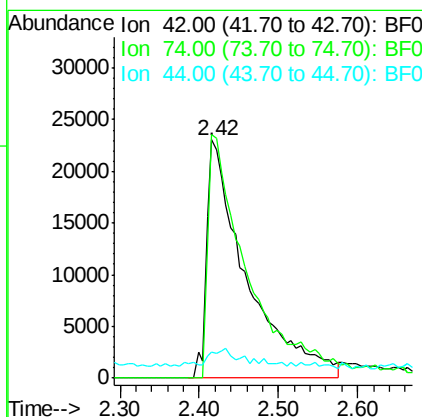
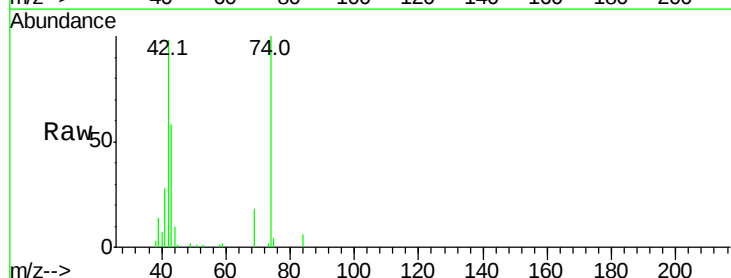
RT: 2.42 min Scan# 124

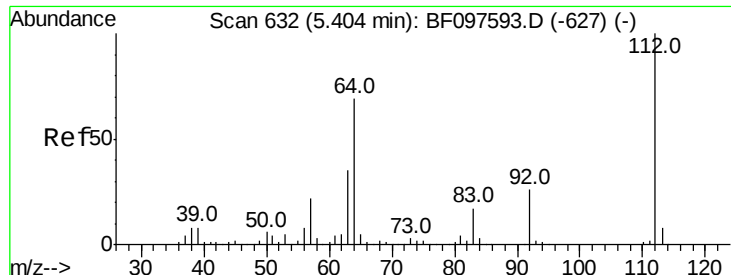
Delta R.T. 0.03 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:	42	Resp:	80376
Ion Ratio	Lower	Upper	
42	100		
74	102.2	103.9	155.9#
44	10.7	5.7	8.5#





#5

2-Fluorophenol

Concen: 68.159 ng

RT: 5.45 min Scan# 639

Delta R.T. 0.04 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

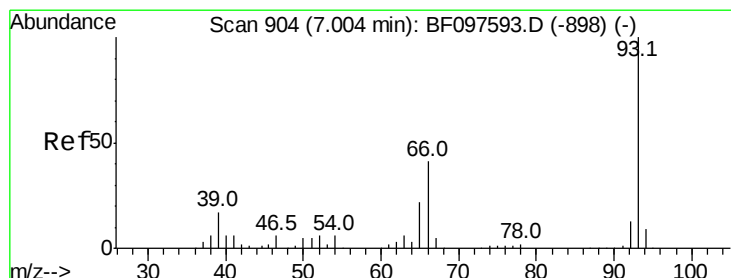
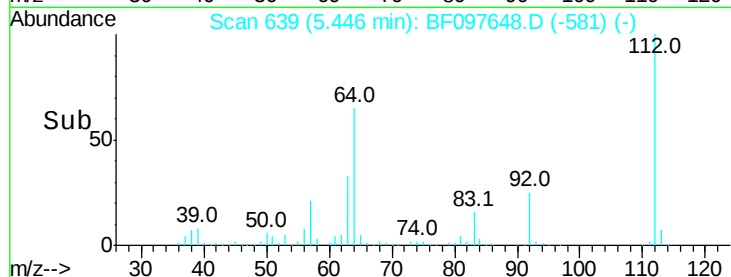
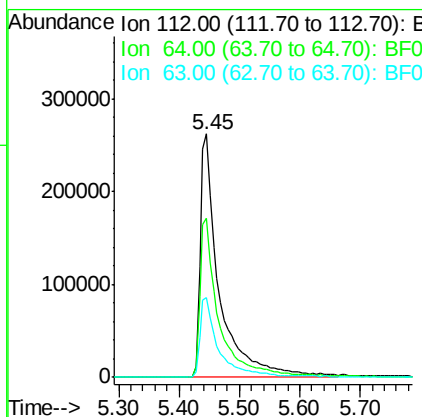
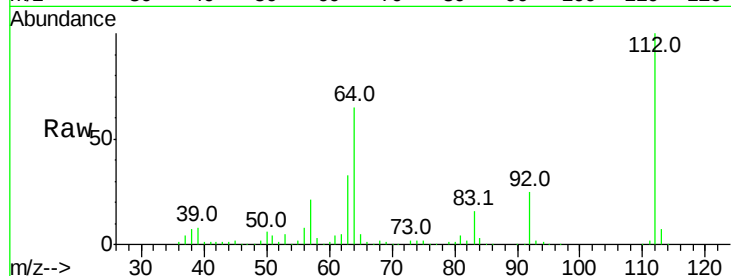
ClientSampled :

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Tot Ion:	112	Resp:	578883
Ion Ratio	Lower	Upper	
112	100		
64	65.5	46.0	69.0
63	32.8	23.4	35.0

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#6

Aniline

Concen: 5.083 ng

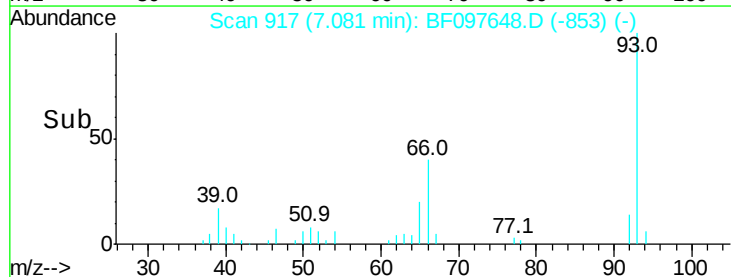
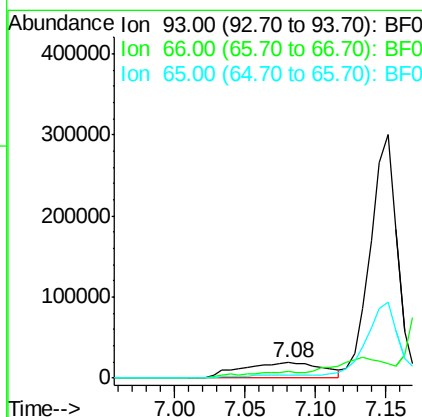
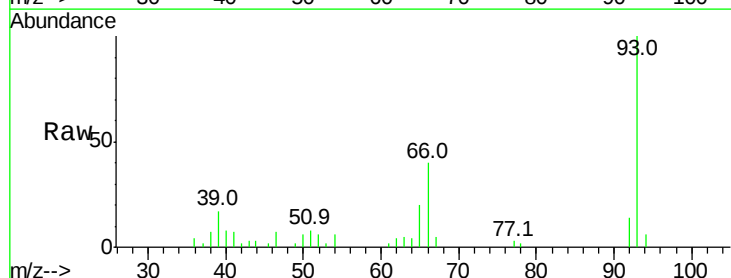
RT: 7.08 min Scan# 917

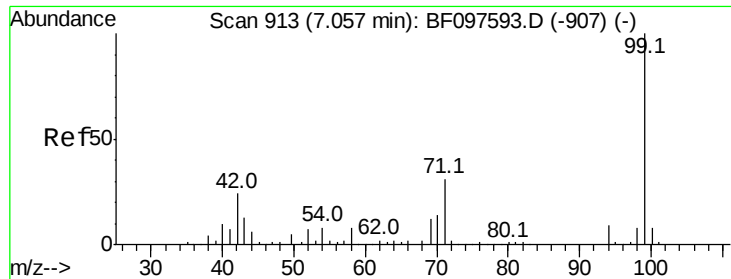
Delta R.T. 0.08 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:	93	Resp:	76966
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.9	49.3
65	20.2	16.0	24.0





#7

Phenol-d6

Concen: 37.712 ng

RT: 7.11 min Scan# 922

Delta R.T. 0.05 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

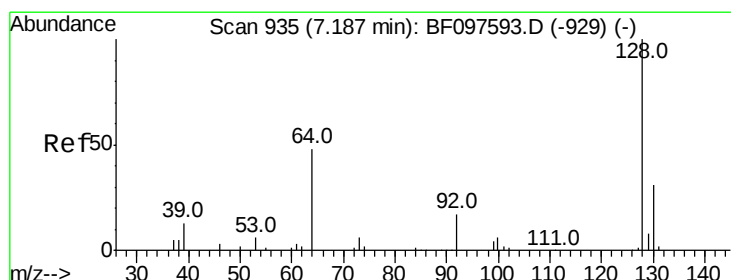
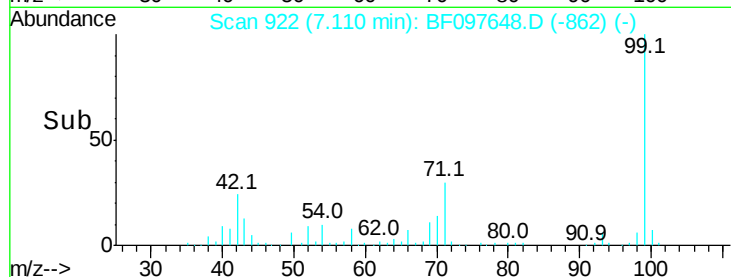
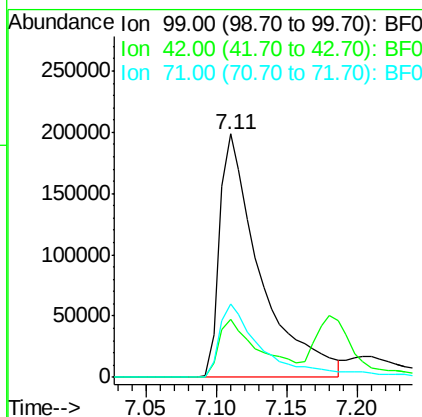
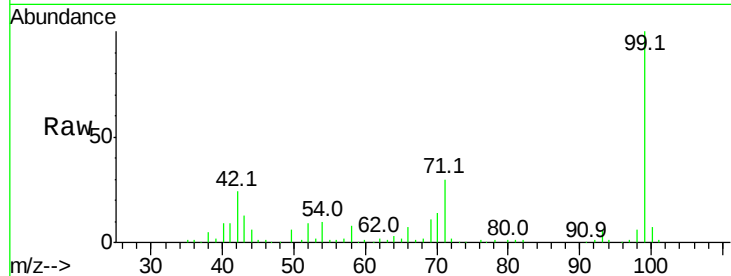
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		397325		
42	24.0	13.5	20.3#		
71	30.2	24.5	36.7		

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#8

2-Chlorophenol

Concen: 35.652 ng

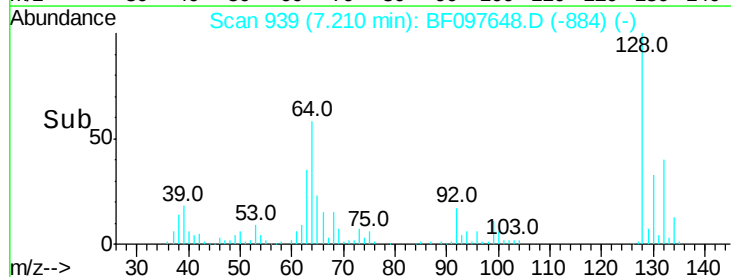
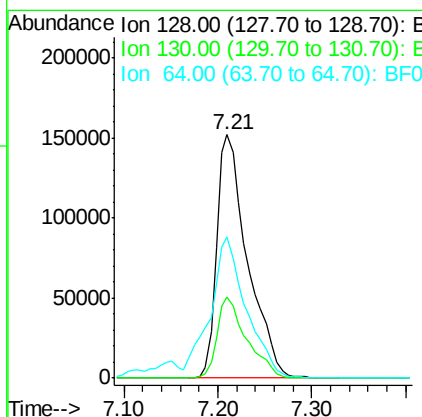
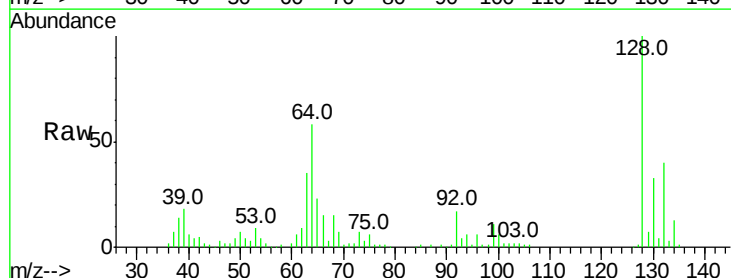
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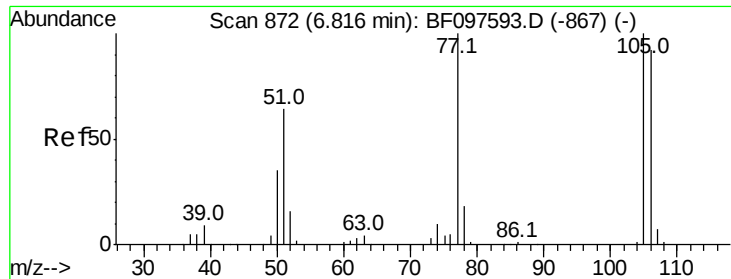
Delta R.T. 0.02 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		347119		
130	33.2	12.9	52.9		
64	57.9	28.4	68.4		





#9

Benzaldehyde

Concen: 28.462 ng

RT: 6.82 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

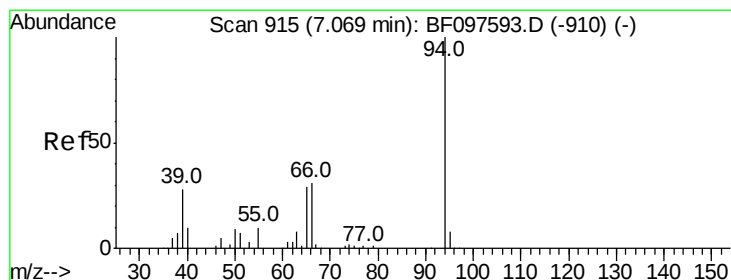
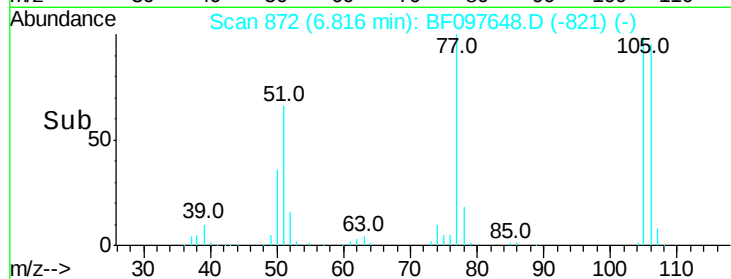
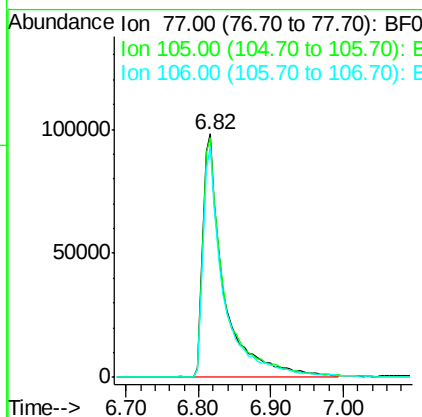
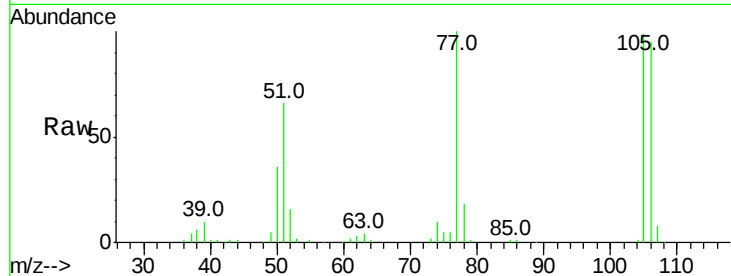
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	98.6	83.8	123.8
106	94.9	79.1	119.1

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#10

Phenol

Concen: 15.826 ng

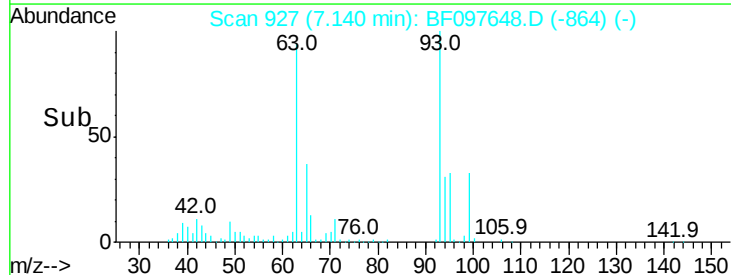
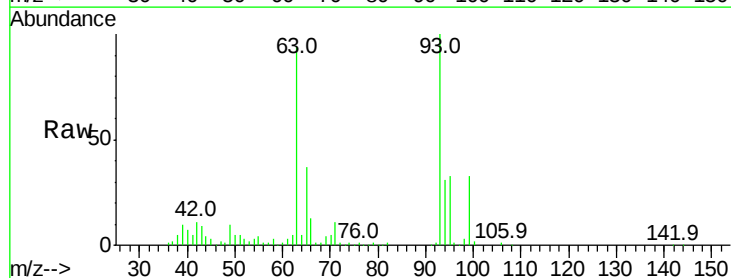
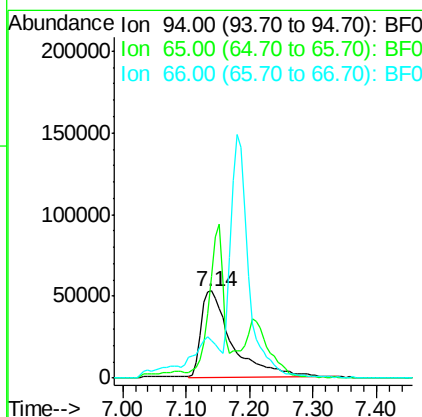
RT: 7.14 min Scan# 927

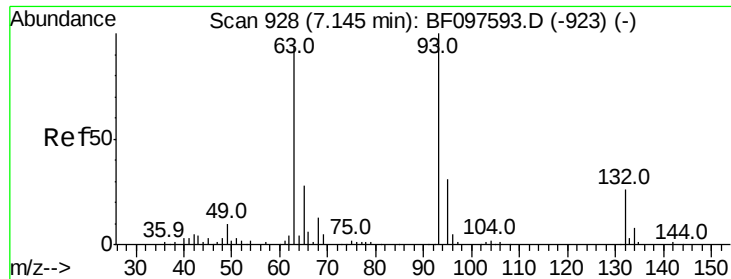
Delta R.T. 0.07 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	116.4	9.9	49.9#
66	42.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.908 ng

RT: 7.15 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

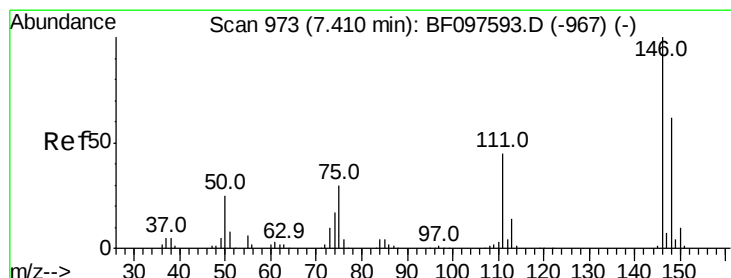
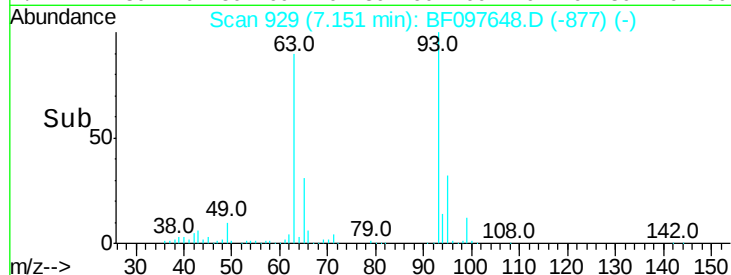
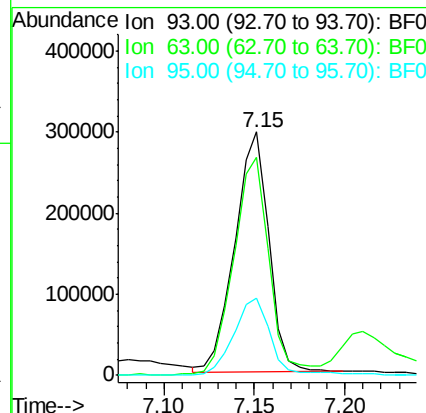
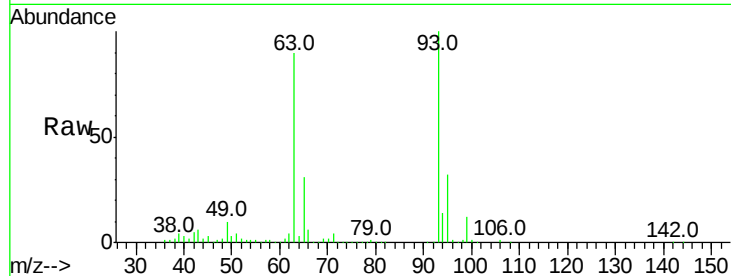
ClientSampleId :

VE-4-11MS

Tot Ion:	93	Resp:	387768
Ion Ratio	Lower	Upper	
93	100		
63	89.8	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 32.646 ng

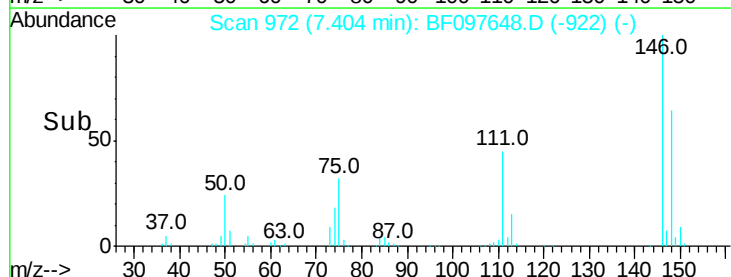
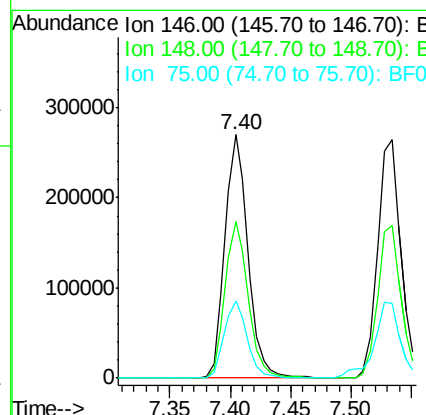
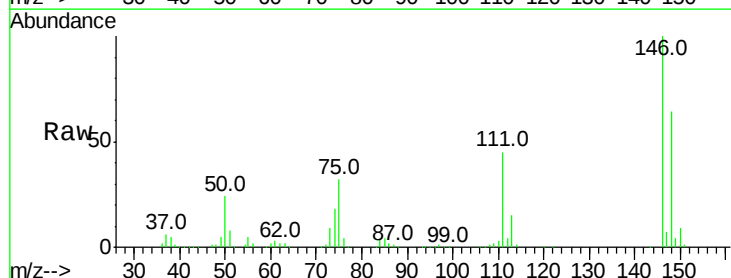
RT: 7.40 min Scan# 972

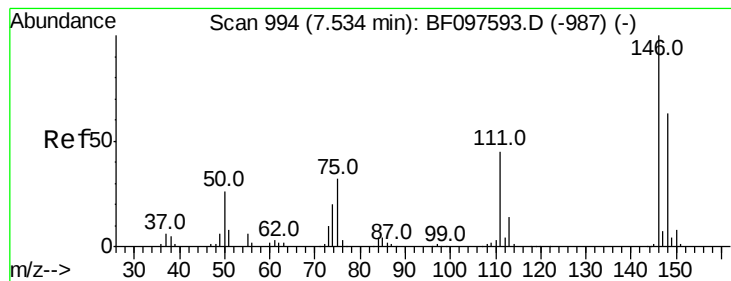
Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:	146	Resp:	355955
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
75	31.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 32.765 ng

RT: 7.53 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

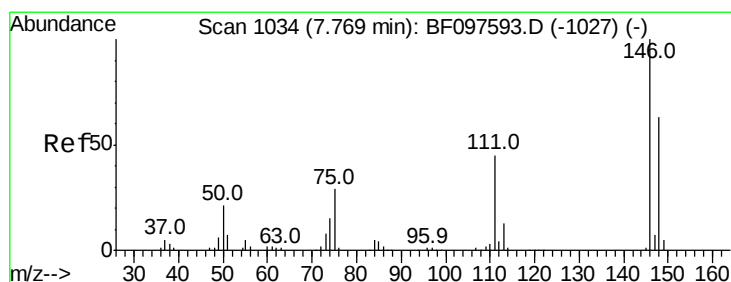
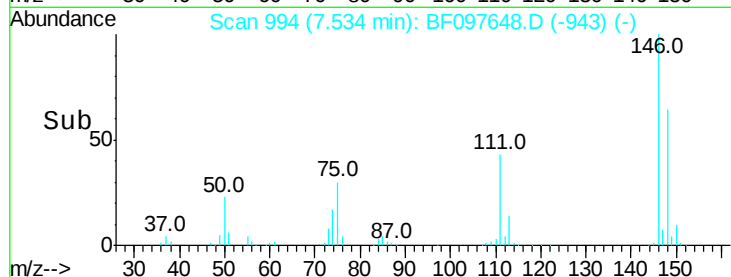
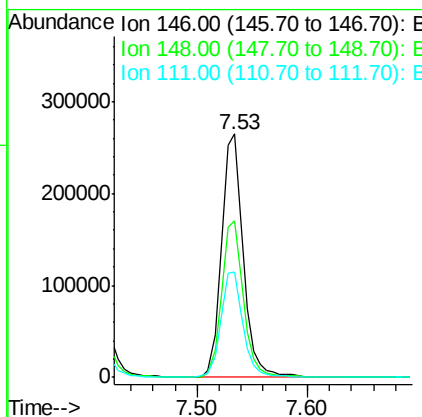
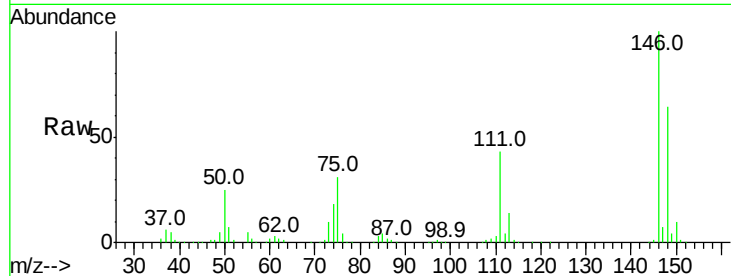
ClientSampleId :

VE-4-11MS

Tot Ion:	146	Resp:	363640
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	43.1	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 34.183 ng

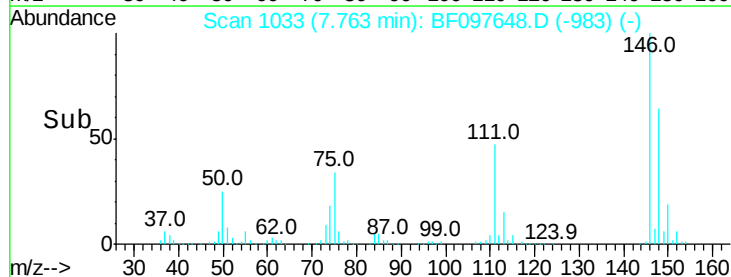
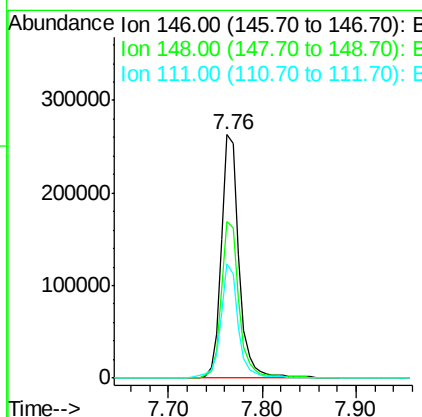
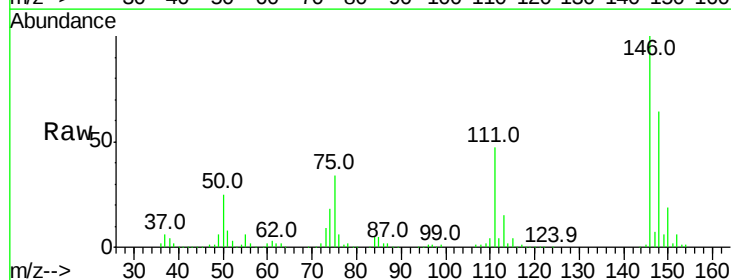
RT: 7.76 min Scan# 1033

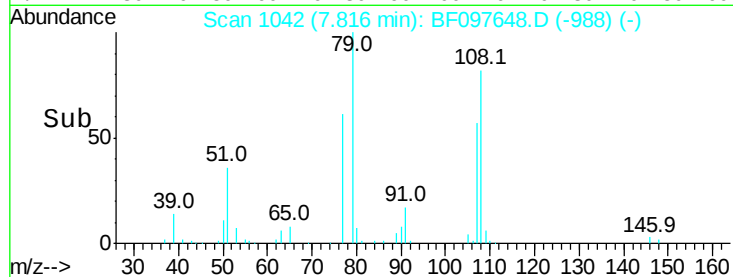
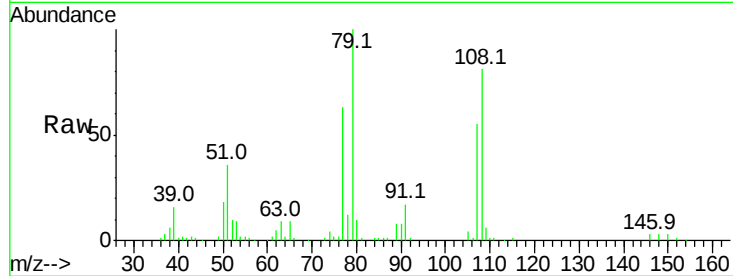
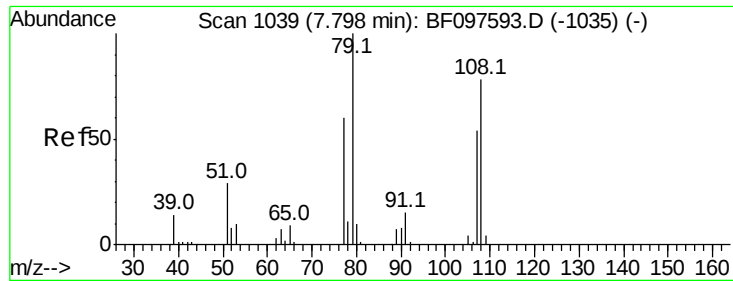
Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:	146	Resp:	346217
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	47.0	38.2	57.4





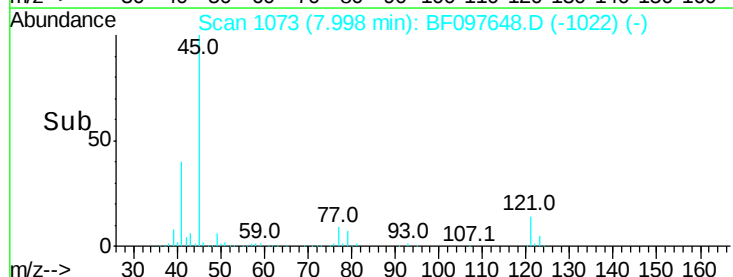
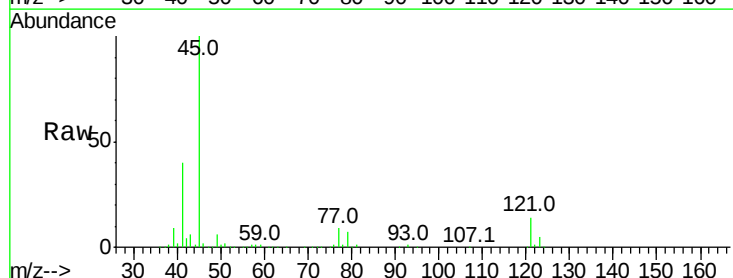
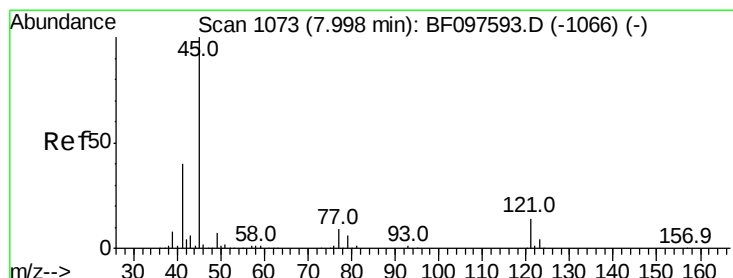
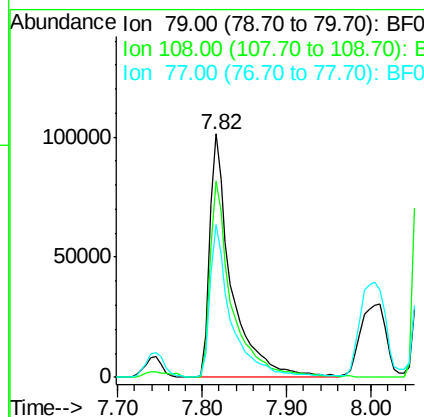
#15
Benzyl Alcohol
Concen: 24.928 ng
RT: 7.82 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tot Ion	Ratio	Resp	Lower	Upper
79	100	181484		
108	80.7	63.4	95.0	
77	62.5	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

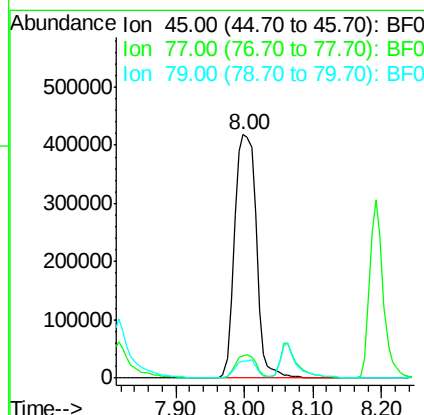
Manual Integrations
APPROVED

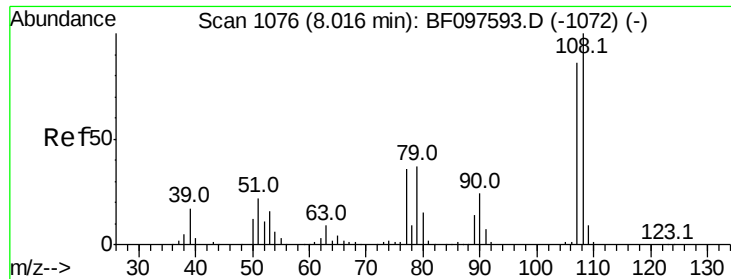
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.207 ng
RT: 8.00 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	918350		
77	9.2	0.0	33.2	
79	6.8	0.0	30.0	





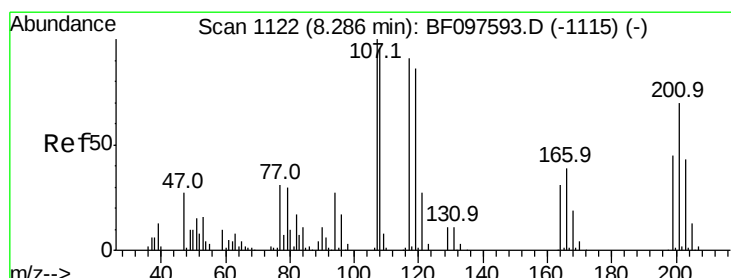
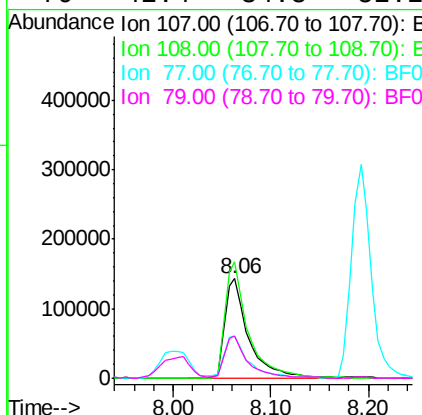
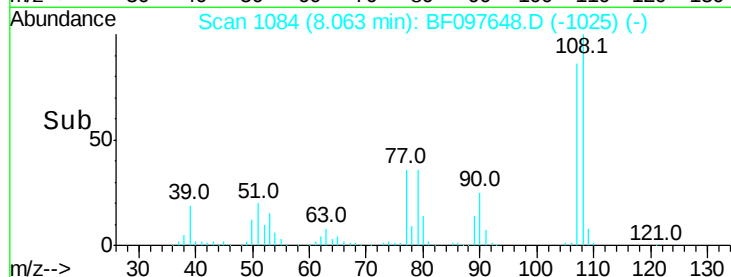
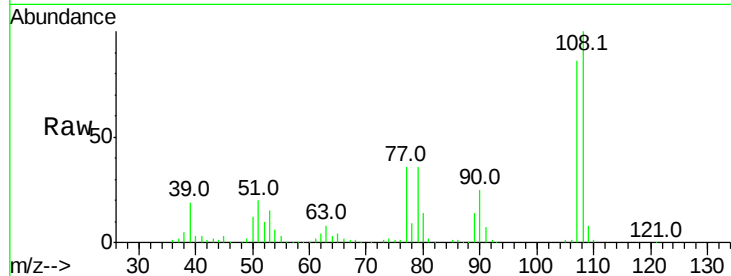
#17
2-Methylphenol
Concen: 32.058 ng
RT: 8.06 min Scan# 1084
Delta R.T. 0.05 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.8	93.4	140.0	
77	42.2	35.8	53.6	
79	42.4	34.8	52.2	

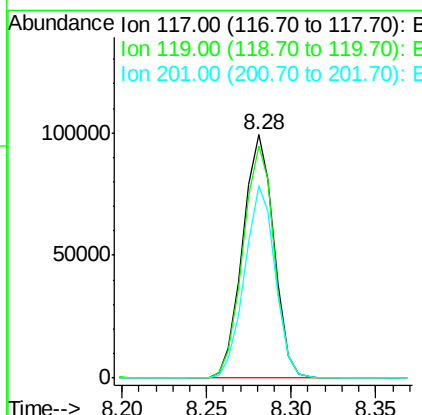
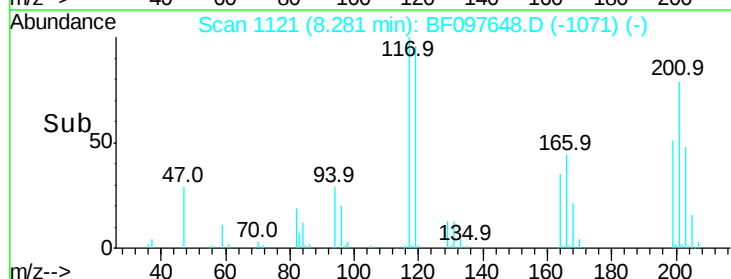
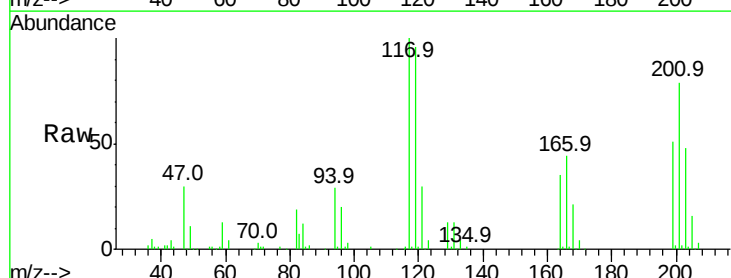
Manual Integrations
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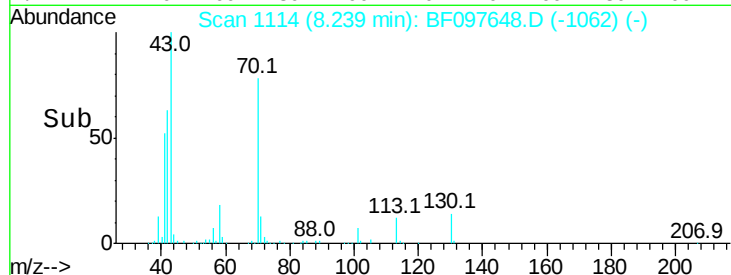
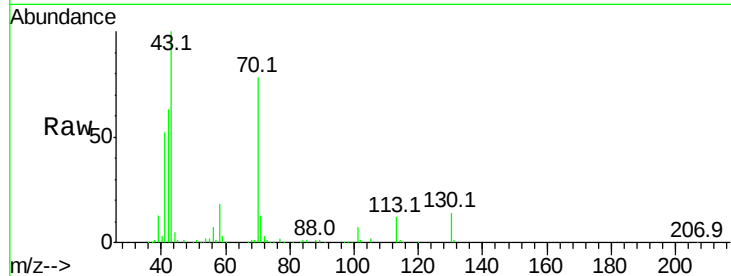
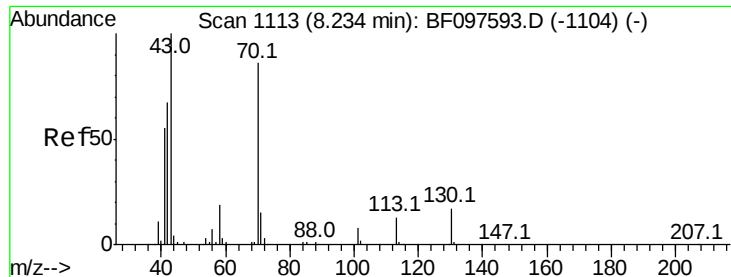
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#18
Hexachloroethane
Concen: 33.695 ng
RT: 8.28 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.0	
201	79.2	94.6	141.8#	





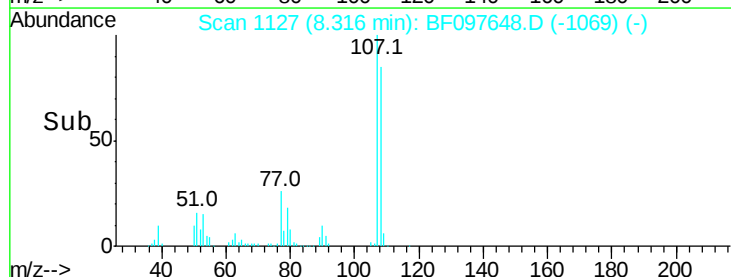
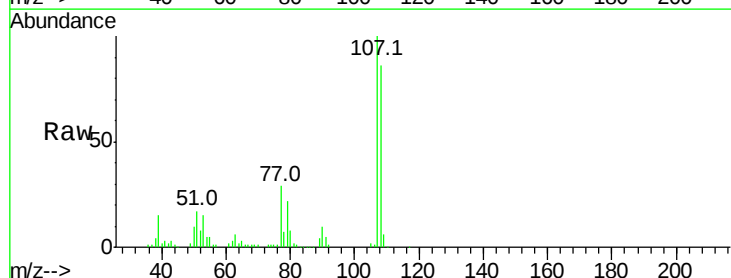
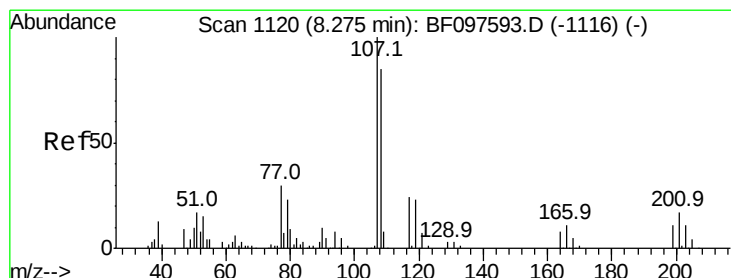
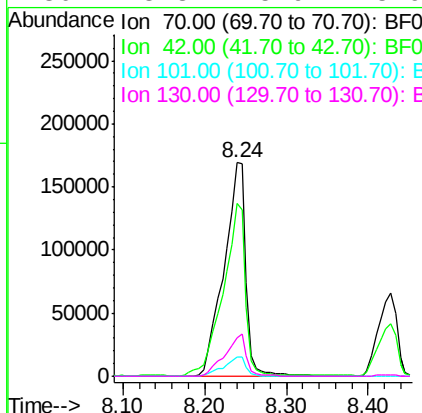
#19
n-Nitroso-di-n-propylamine
Concen: 43.133 ng
RT: 8.24 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	80.8	47.2	70.8#	
101	8.7	7.2	10.8	
130	18.3	15.9	23.9	

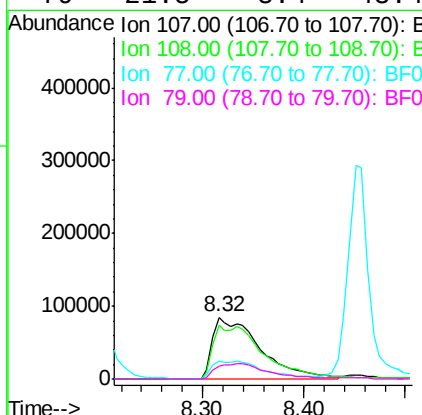
Manual Integrations
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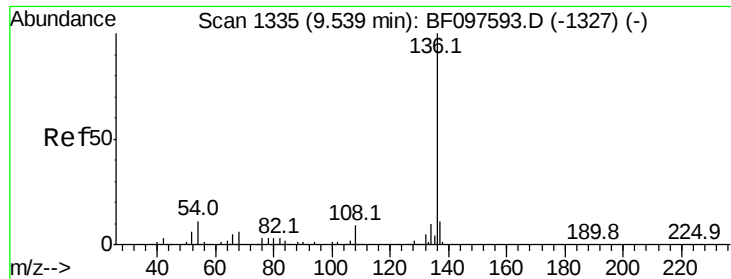
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#20
3+4-Methylphenols
Concen: 29.855 ng
RT: 8.32 min Scan# 1127
Delta R.T. 0.04 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	71.0	111.0	
77	29.3	90.5	130.5#	
79	21.5	8.4	48.4	





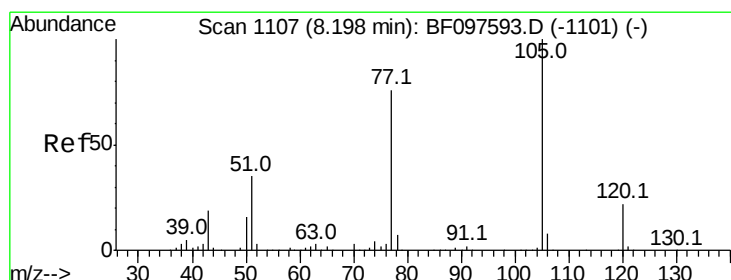
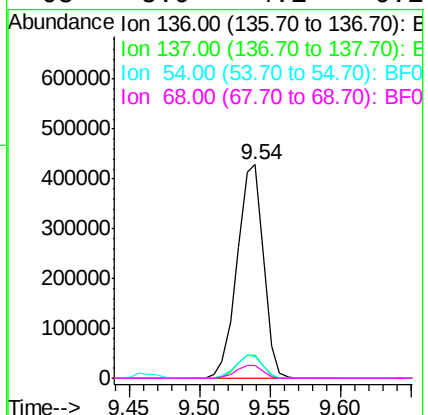
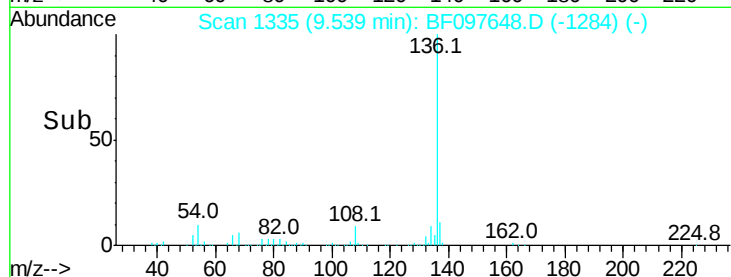
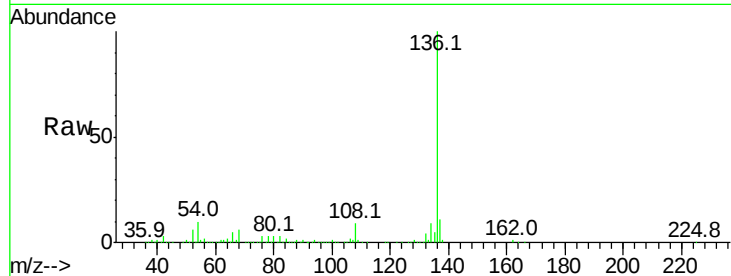
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.3	4.9	7.3	
68	5.9	4.1	6.1	

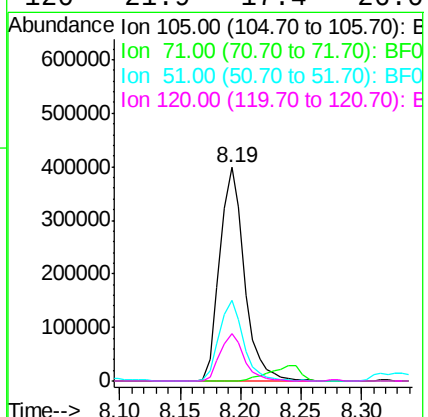
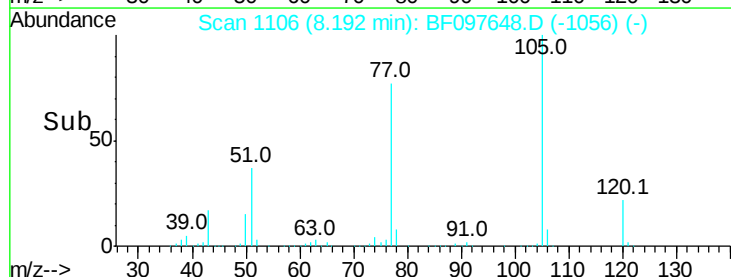
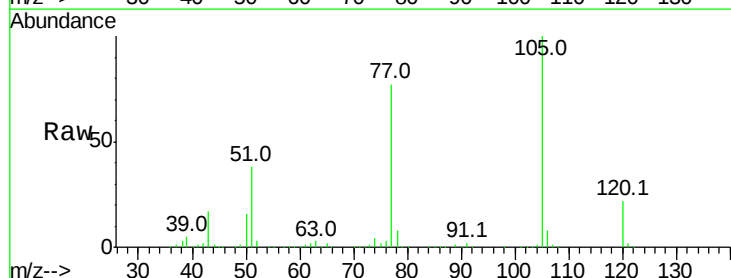
Manual Integrations
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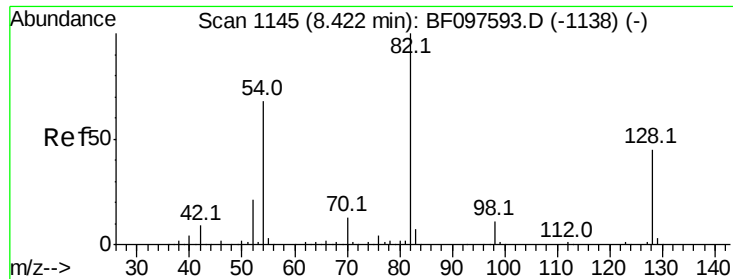
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#22
Acetophenone
Concen: 42.937 ng
RT: 8.19 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.1	2.8	4.2	
51	37.8	30.7	46.1	
120	21.9	17.4	26.0	





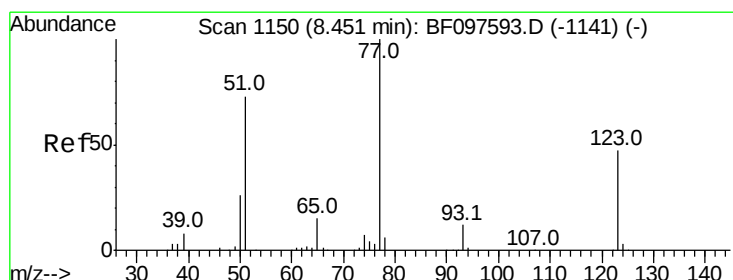
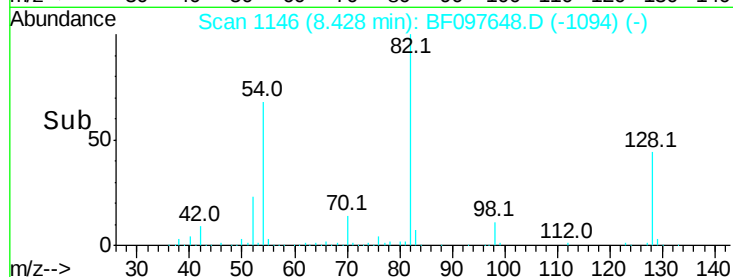
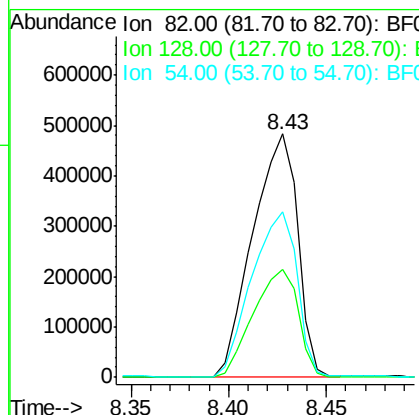
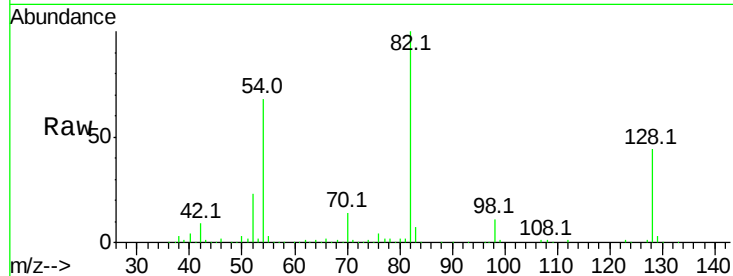
#23
 Nitrobenzene-d5
 Concen: 86.842 ng
 RT: 8.43 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.0	51.0	
54	68.2	42.2	63.2	

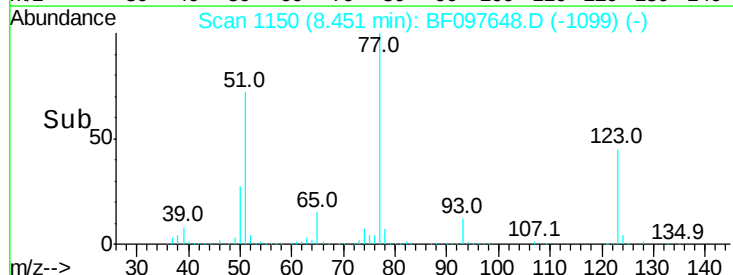
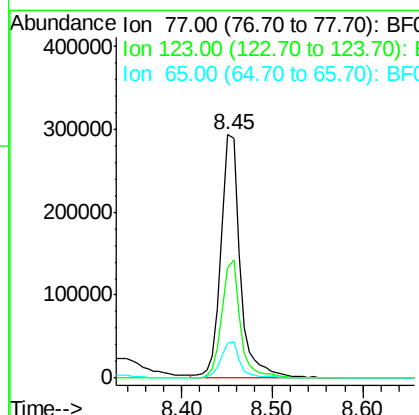
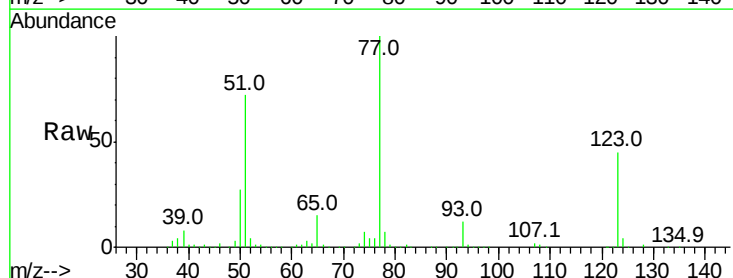
Manual Integrations
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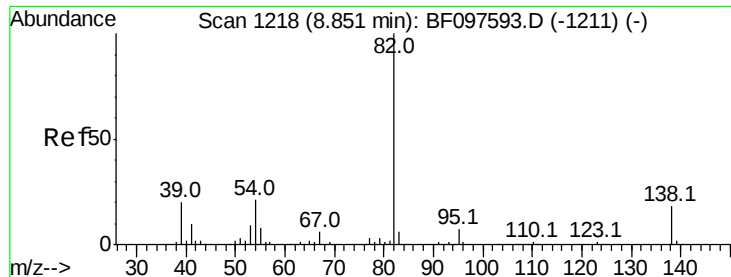
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#24
 Nitrobenzene
 Concen: 44.248 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	35.8	53.8	
65	14.6	10.6	15.8	





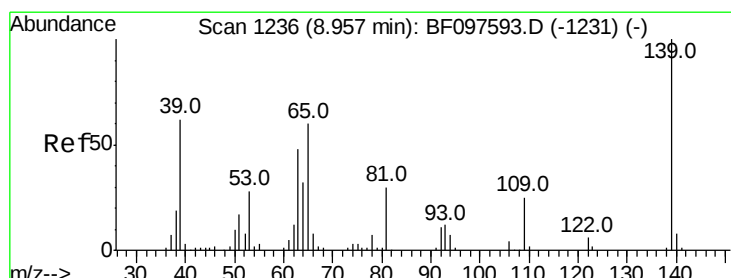
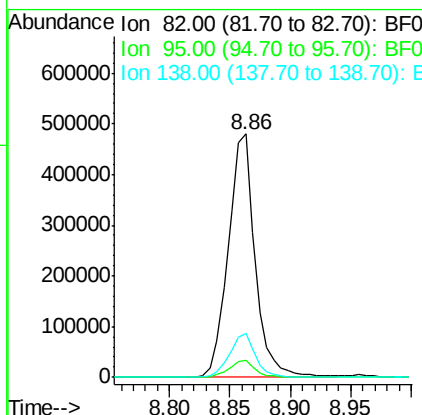
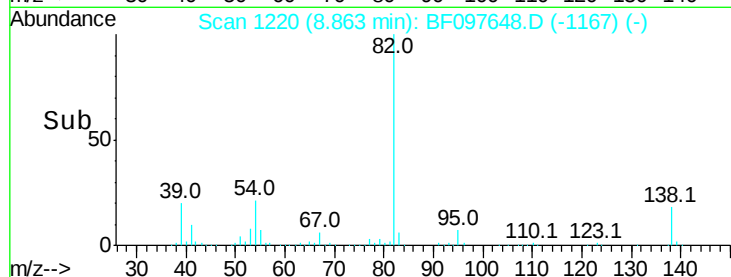
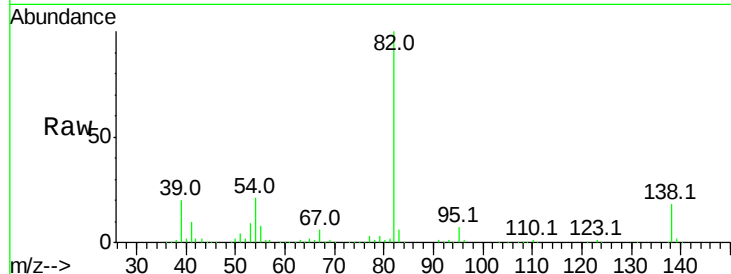
#25
Isophorone
Concen: 45.549 ng
RT: 8.86 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.3	7.9	
138	17.9	13.1	19.7	

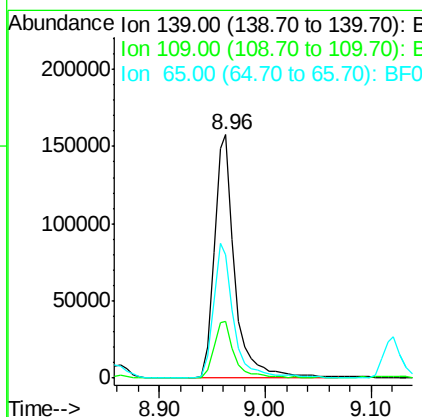
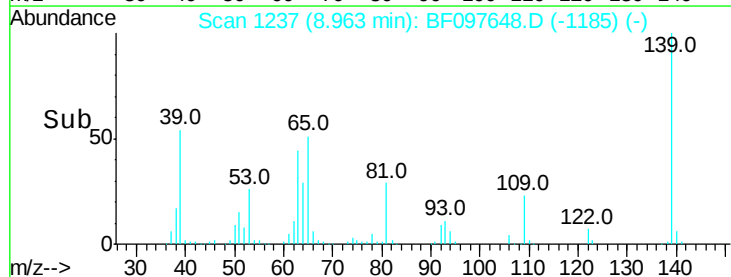
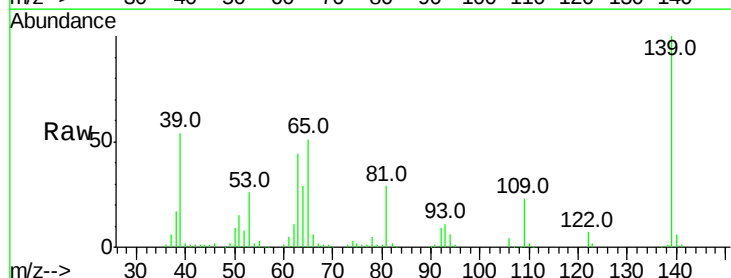
Manual Integrations
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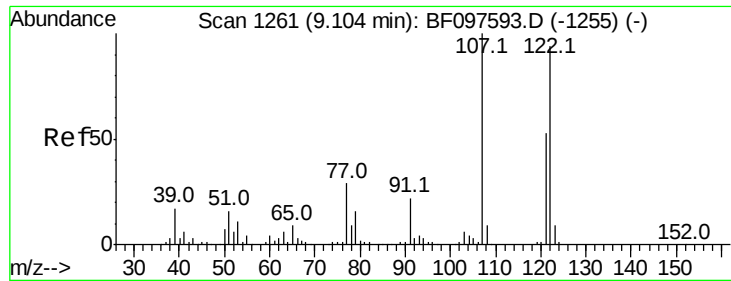
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#26
2-Nitrophenol
Concen: 44.160 ng
RT: 8.96 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.4	21.0	31.6	
65	50.8	33.0	49.6	





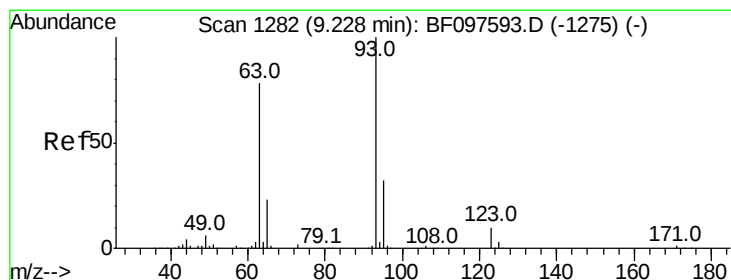
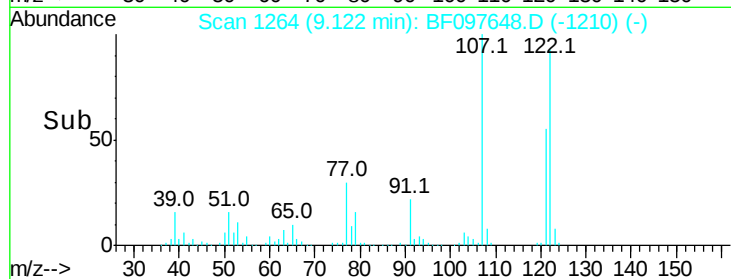
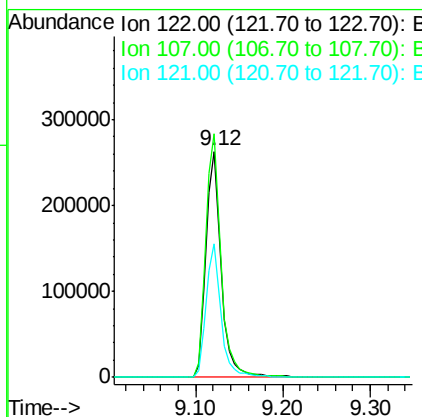
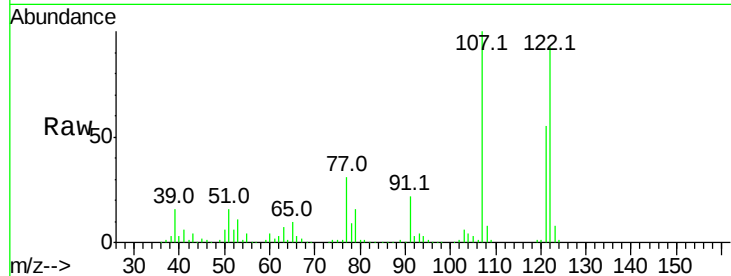
#27
 2,4-Dimethylphenol
 Concen: 39.455 ng
 RT: 9.12 min Scan# 1264
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	322071		
107	107.9	89.2	133.8	
121	59.1	45.2	67.8	

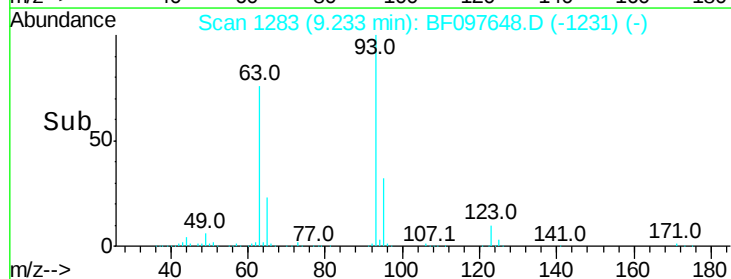
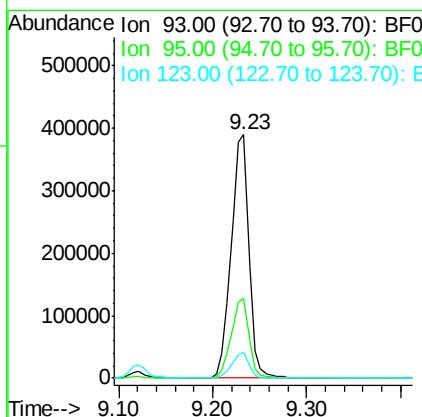
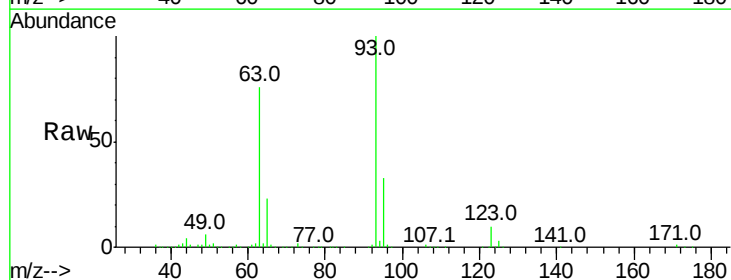
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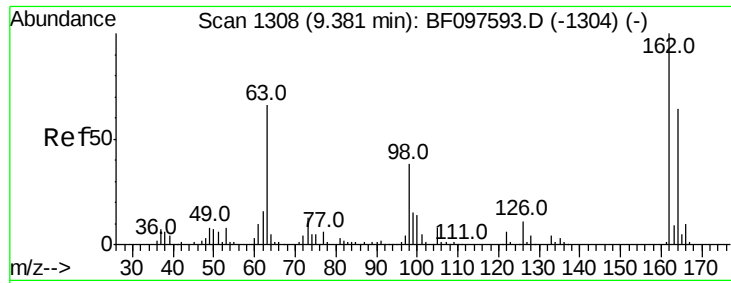
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.345 ng
 RT: 9.23 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	512343		
95	32.6	26.5	39.7	
123	10.4	9.0	13.4	





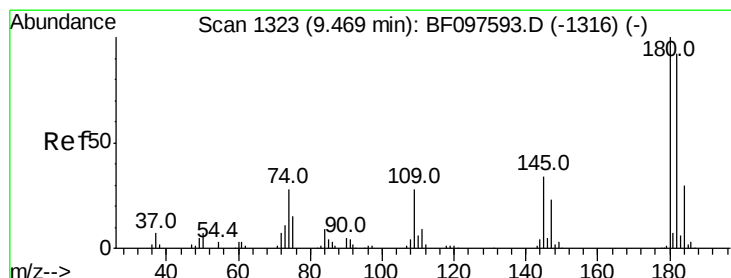
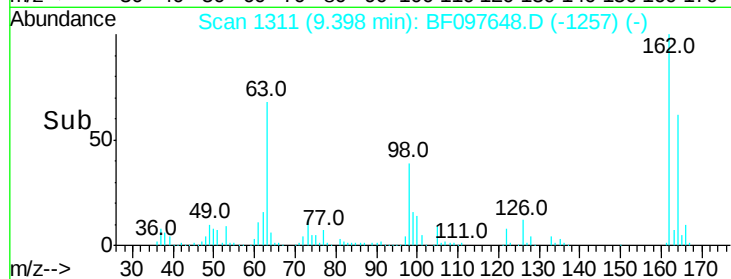
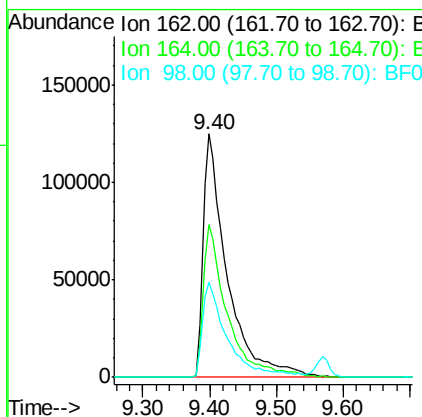
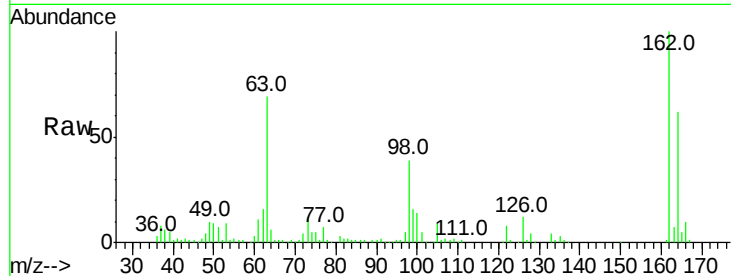
#29
 2,4-Dichlorophenol
 Concen: 42.925 ng
 RT: 9.40 min Scan# 1311
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampled :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	308965		
164	62.5		44.6	84.6
98	38.9		14.8	54.8

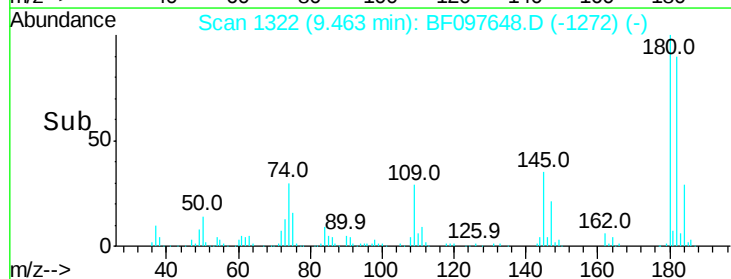
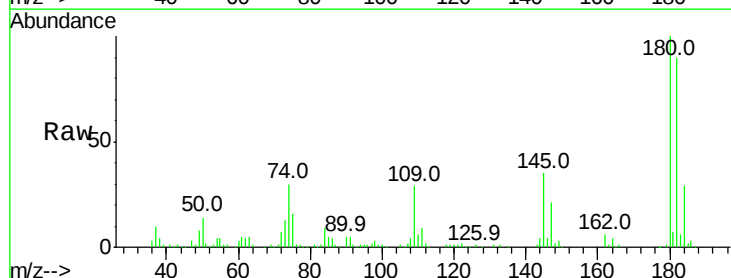
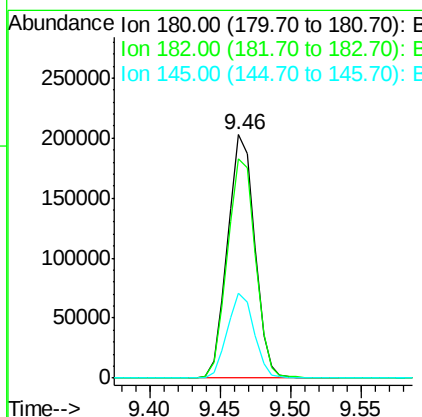
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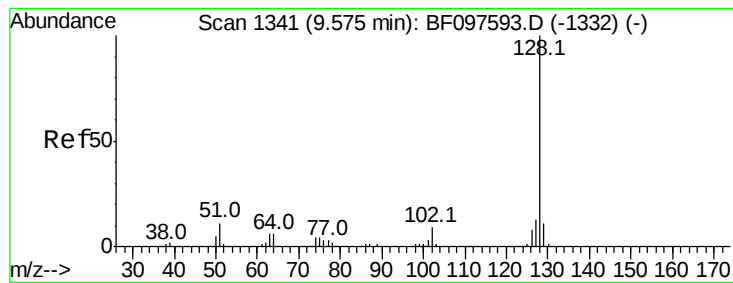
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.147 ng
 RT: 9.46 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272225		
182	90.3		75.8	113.6
145	34.8		25.3	37.9





#31

Naphthalene

Concen: 37.794 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion:128 Resp: 1054151

Ion Ratio Lower Upper

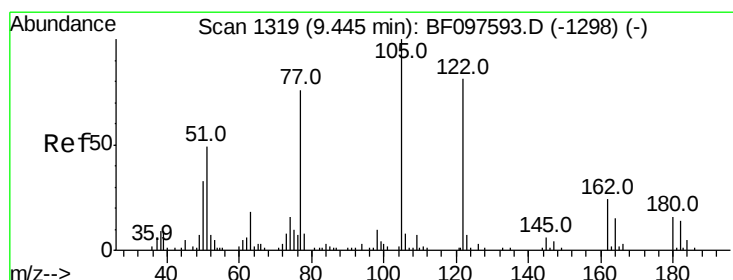
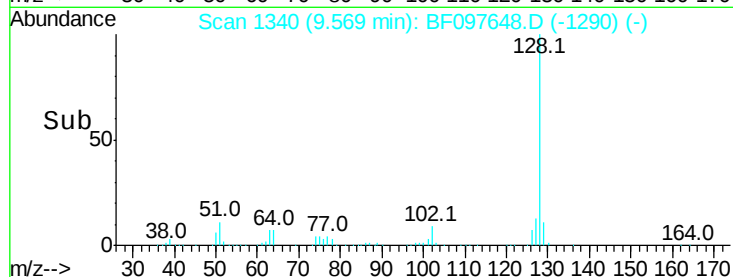
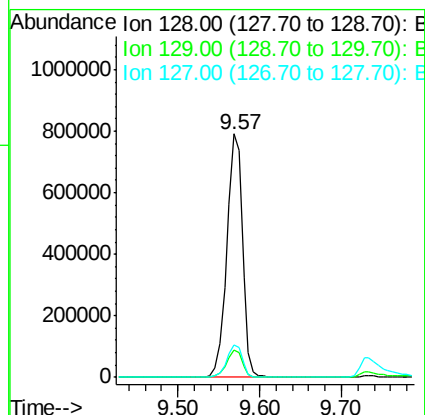
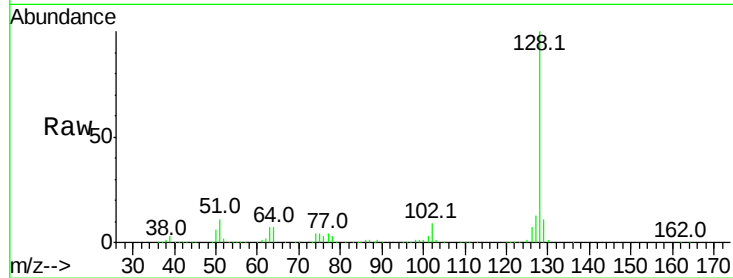
128 100

129 11.1 9.0 13.6

127 13.2 10.8 16.2

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#32

Benzoic acid

Concen: 8.693 ng

RT: 9.42 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

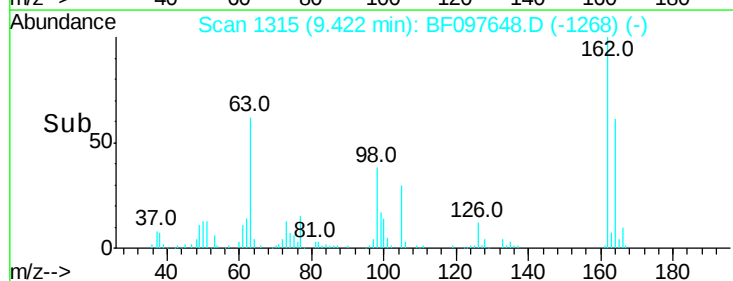
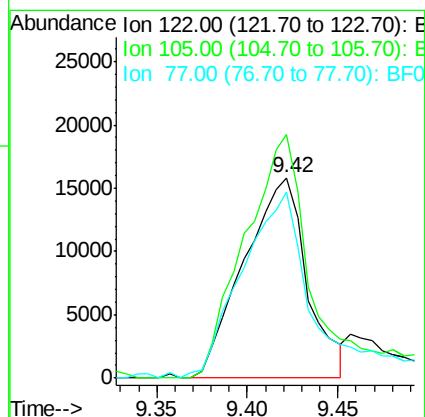
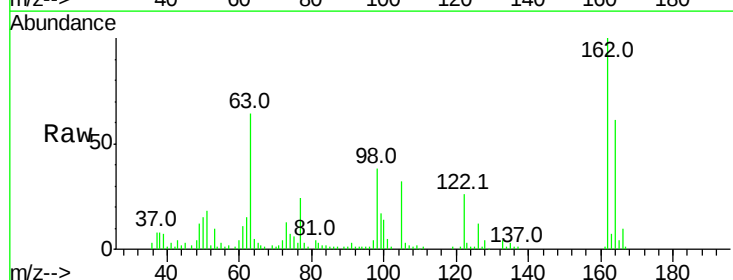
Tgt Ion:122 Resp: 38238

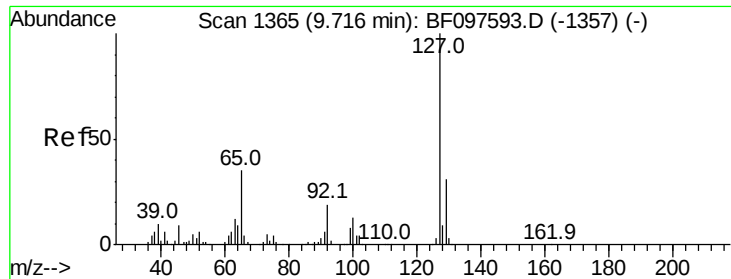
Ion Ratio Lower Upper

122 100

105 121.4 103.3 143.3

77 92.5 73.7 113.7





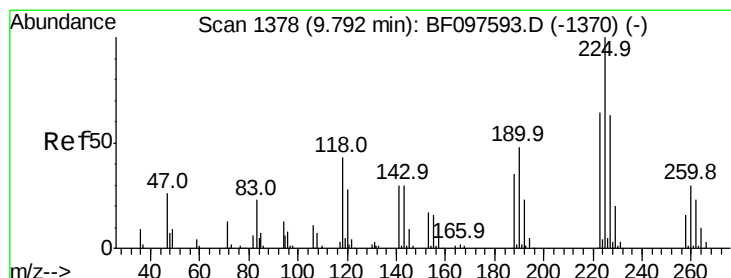
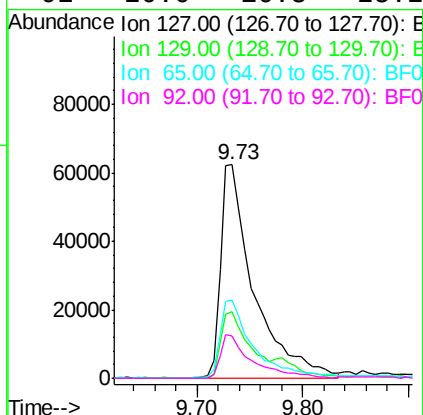
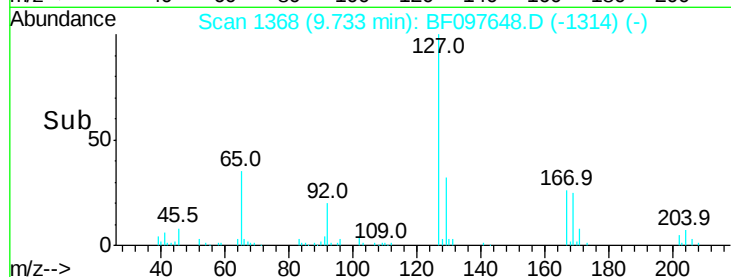
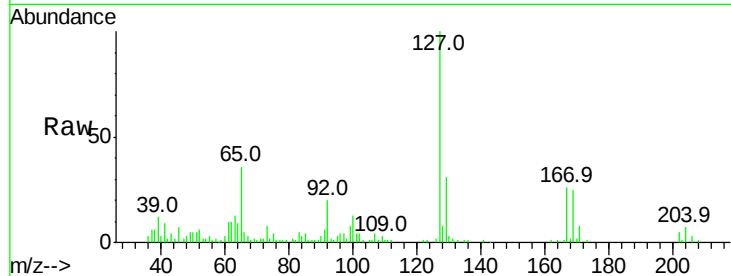
#33
4-Chloroaniline
Concen: 11.809 ng
RT: 9.73 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.2	39.2	
65	36.3	27.8	41.8	
92	20.0	16.8	25.2	

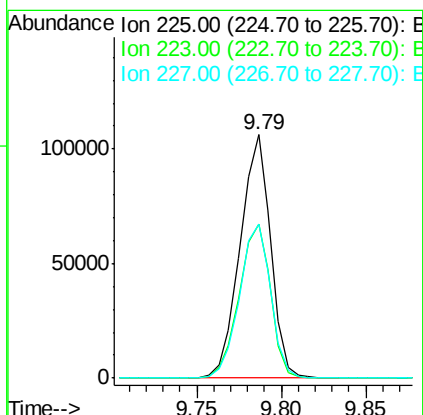
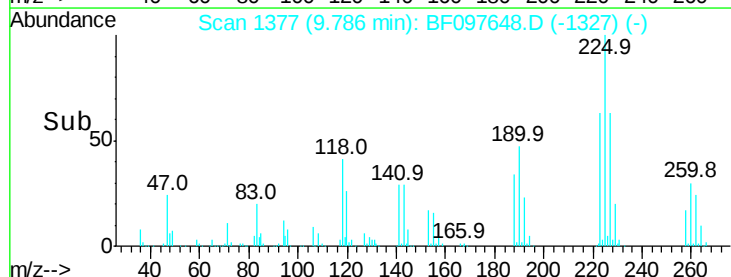
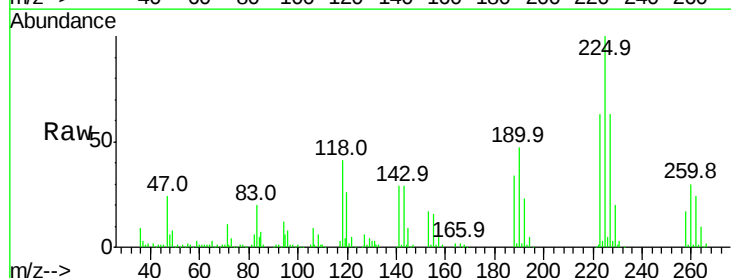
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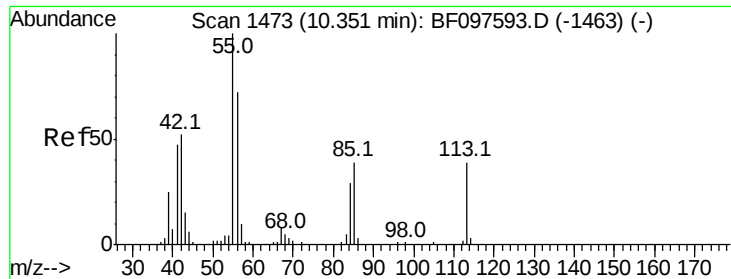
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#34
Hexachlorobutadiene
Concen: 34.320 ng
RT: 9.79 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	48.8	73.2	
227	63.3	51.1	76.7	





#35

Caprolactam

Concen: 5.736 ng

RT: 10.42 min Scan# 1485

Delta R.T. 0.07 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

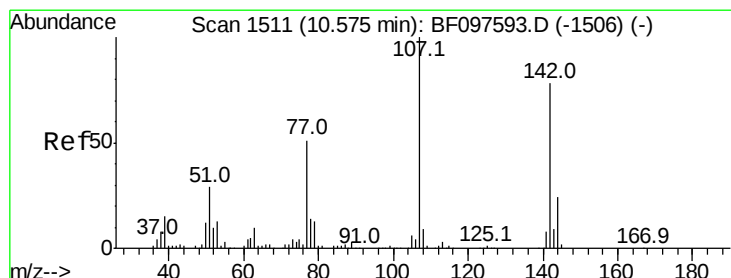
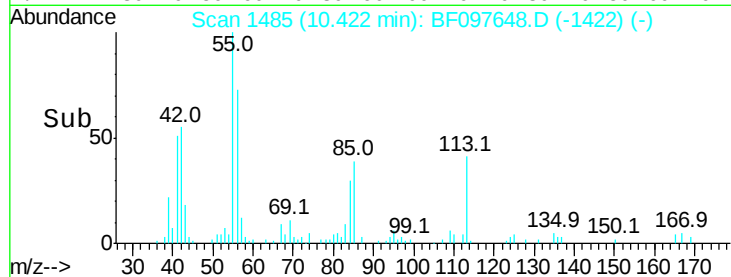
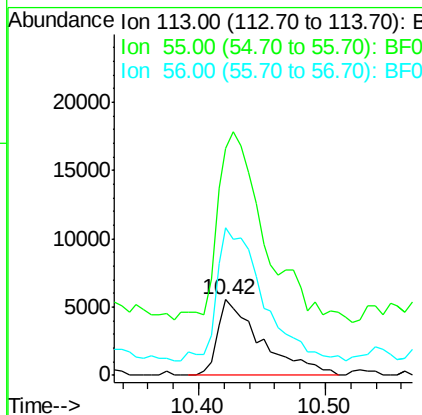
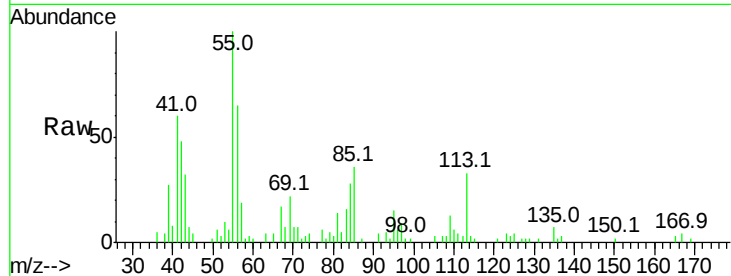
ClientSampleId :

VE-4-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	299.1	150.2	190.2#		
56	195.5	107.8	147.8#		

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#36

4-Chloro-3-methylphenol

Concen: 34.822 ng

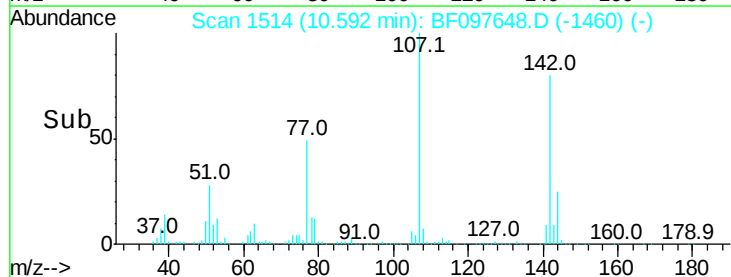
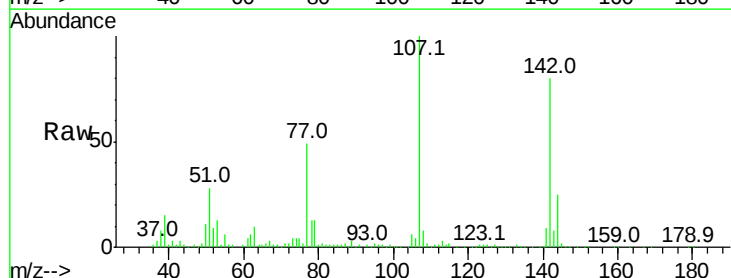
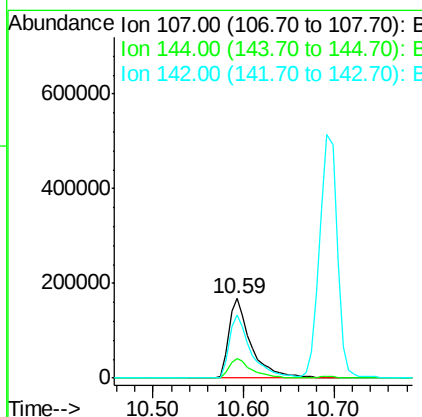
RT: 10.59 min Scan# 1514

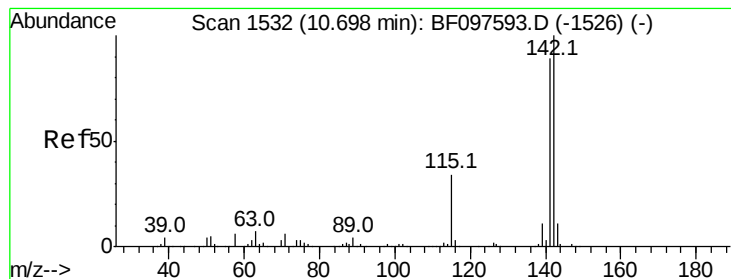
Delta R.T. 0.02 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.3	24.2	36.4		
142	80.0	73.4	110.0		





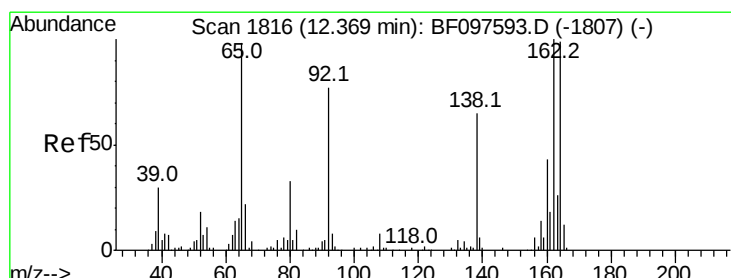
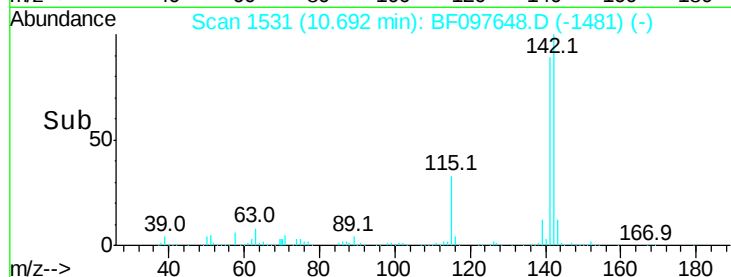
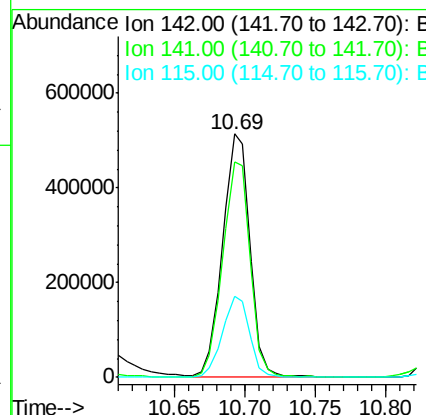
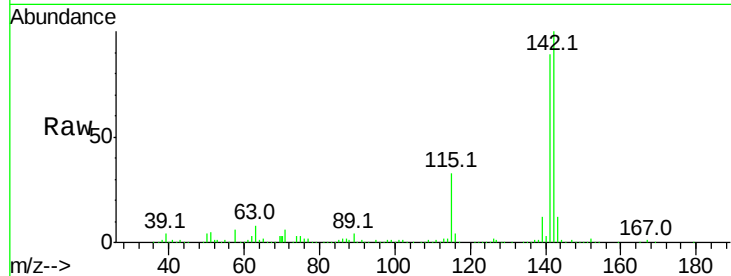
#37
2-Methylnaphthalene
Concen: 39.293 ng
RT: 10.69 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	689573		
141	88.5		71.3	106.9
115	33.2		27.1	40.7

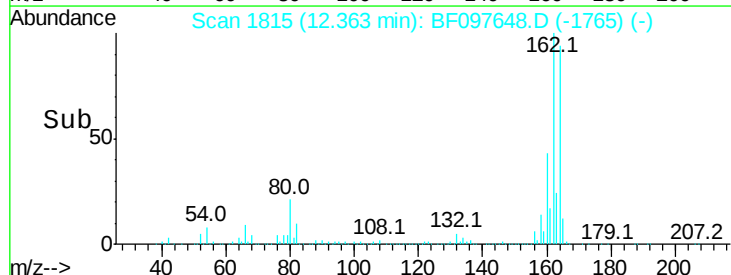
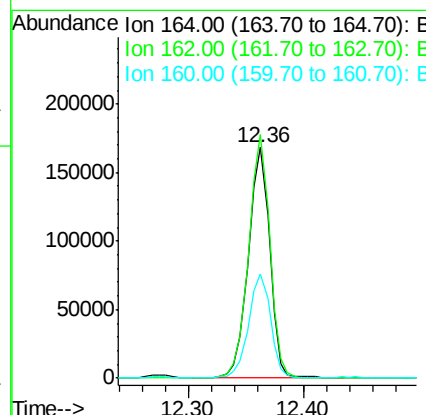
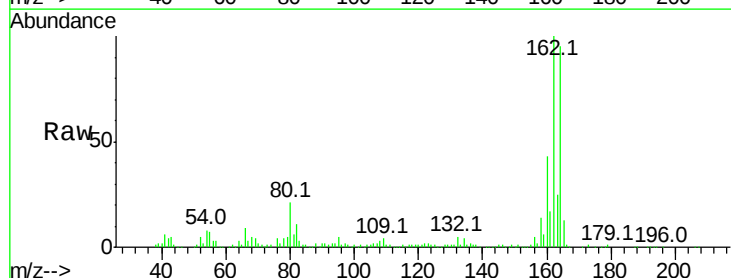
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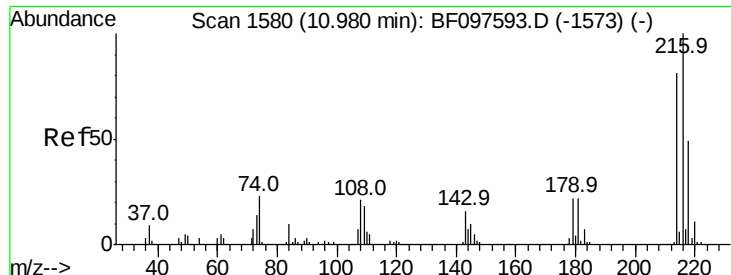
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215877		
162	105.5		82.6	123.8
160	45.3		36.2	54.2





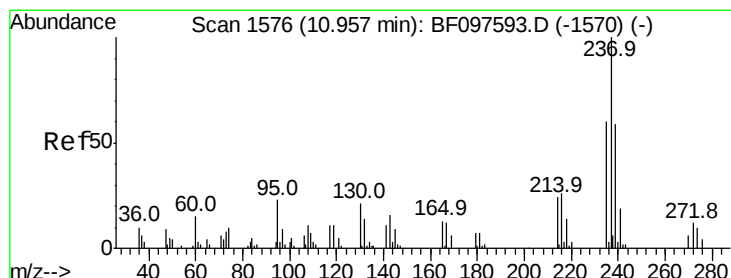
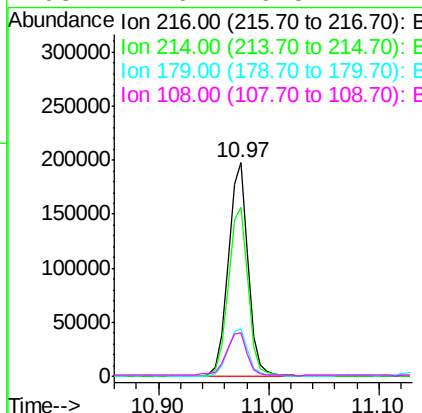
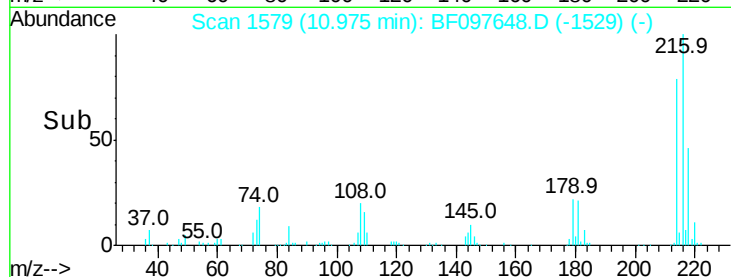
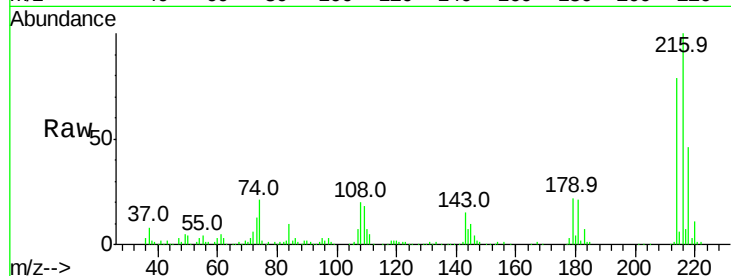
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.457 ng
 RT: 10.97 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	247309		
214	79.4	63.4	95.2	
179	23.1	17.9	26.9	
108	21.6	16.5	24.7	

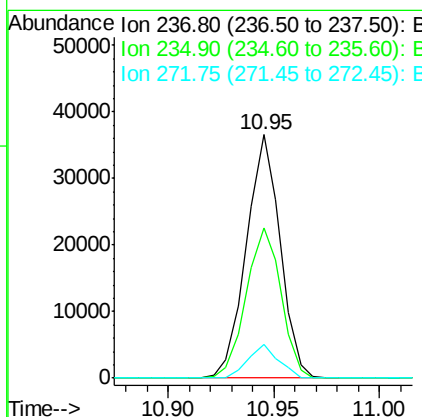
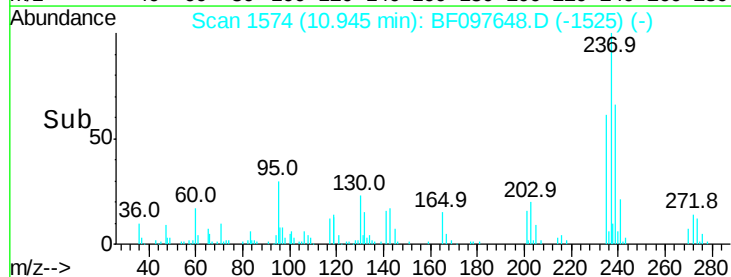
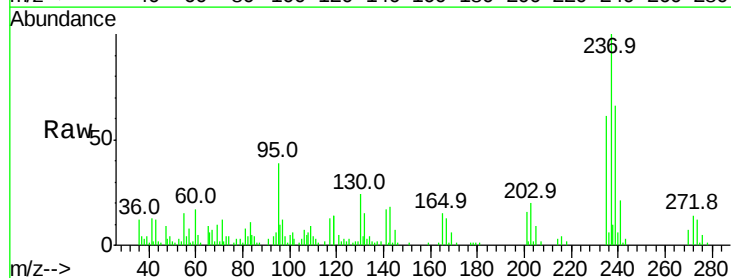
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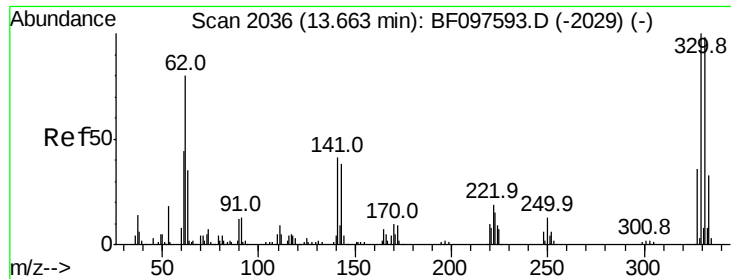
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#40
 Hexachlorocyclopentadiene
 Concen: 45.339 ng
 RT: 10.95 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	40704		
235	61.5	42.6	82.6	
272	13.6	0.0	31.9	





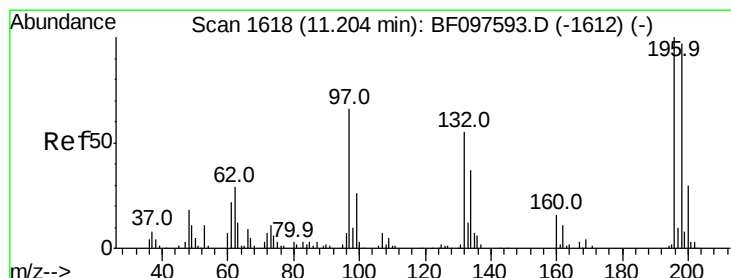
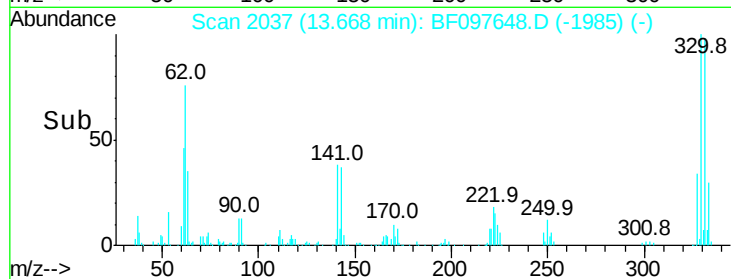
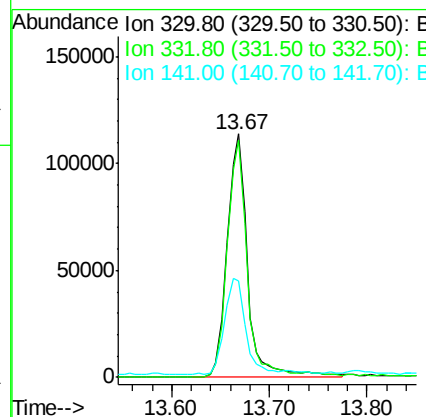
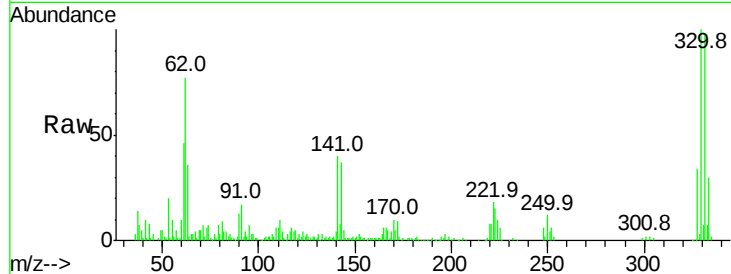
#41
 2,4,6-Tribromophenol
 Concen: 101.474 ng
 RT: 13.67 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	166526		
332	93.9	76.6	115.0	
141	39.8	31.4	47.2	

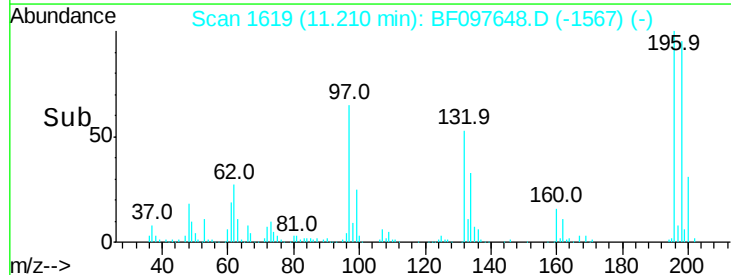
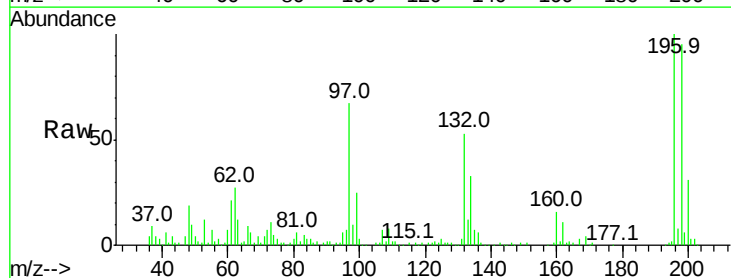
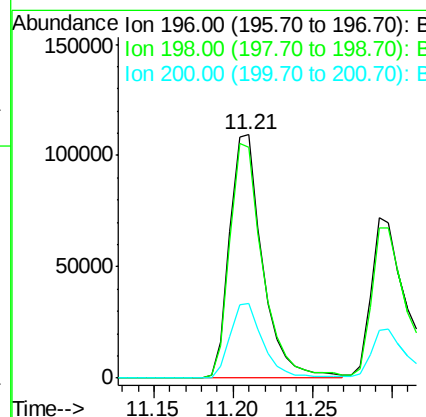
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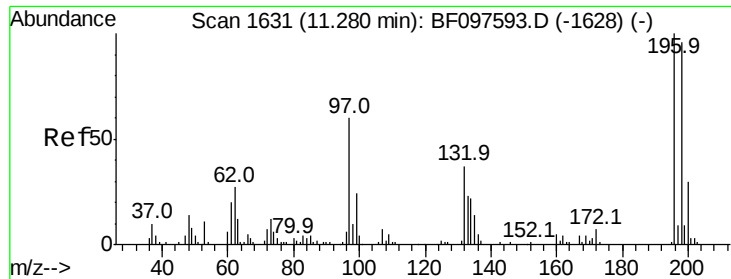
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#42
 2,4,6-Trichlorophenol
 Concen: 39.057 ng
 RT: 11.21 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157301		
198	94.8	74.2	111.4	
200	30.6	24.0	36.0	





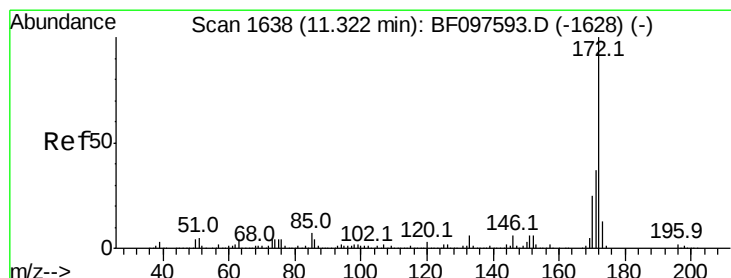
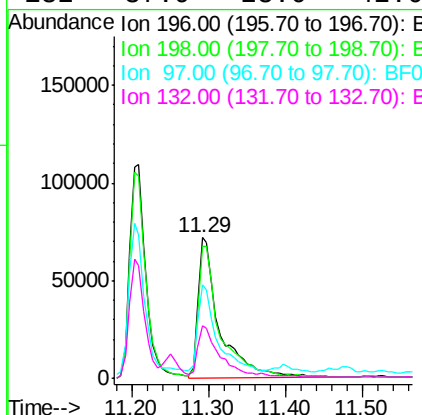
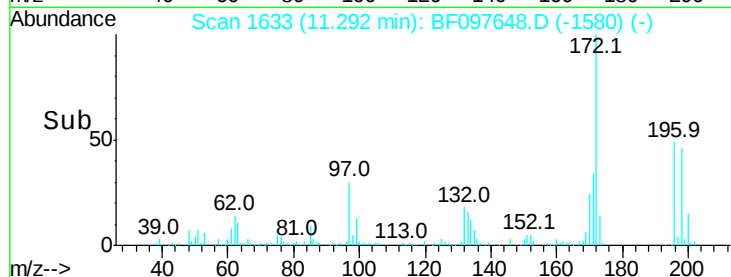
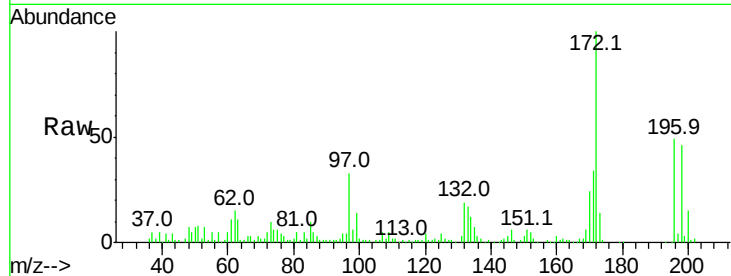
#43
 2,4,5-Trichlorophenol
 Concen: 36.445 ng
 RT: 11.29 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion:	196	Resp:	138634
Ion Ratio	Lower	Upper	
196	100		
198	94.0	75.7	113.5
97	66.4	47.7	71.5
132	37.9	28.0	42.0

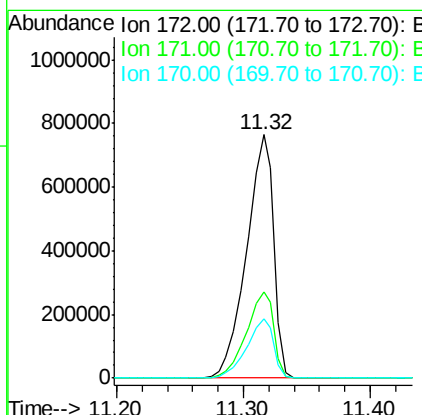
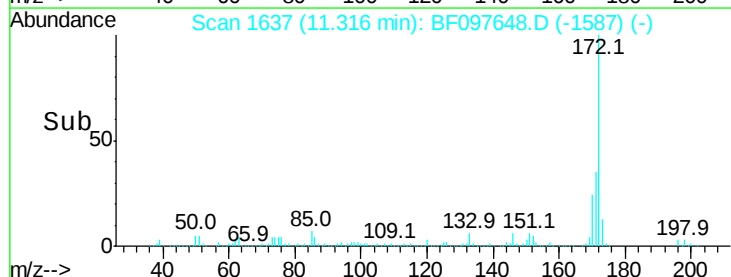
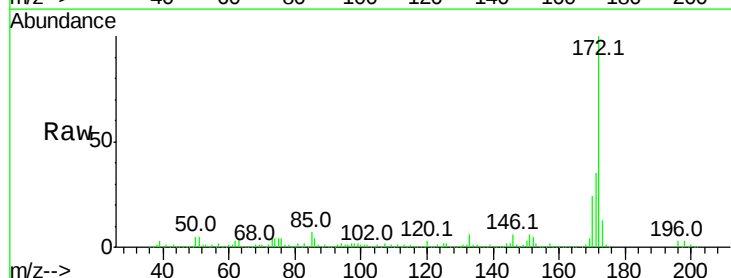
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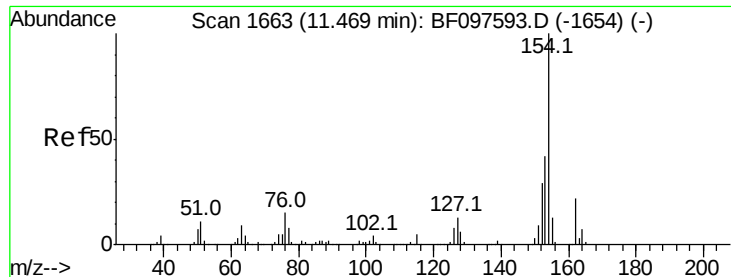
sohil
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#44
 2-Fluorobiphenyl
 Concen: 79.557 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion:	172	Resp:	1138003
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.899 ng

RT: 11.46 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

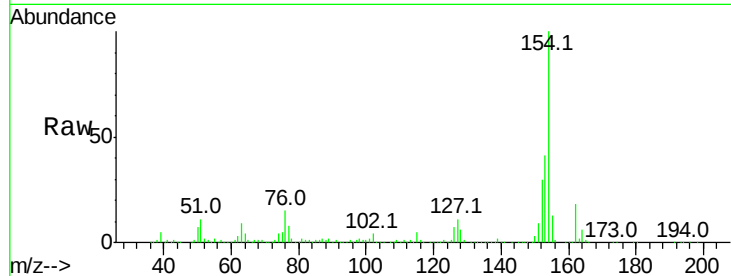
ClientSampleId :

VE-4-11MS

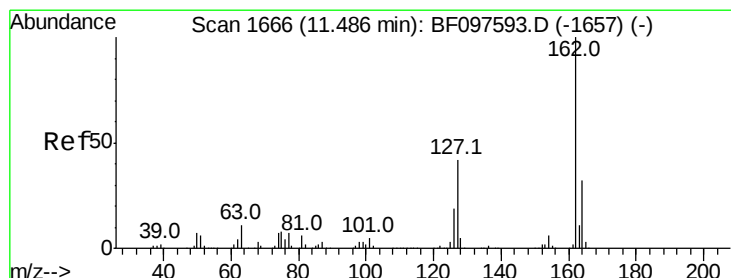
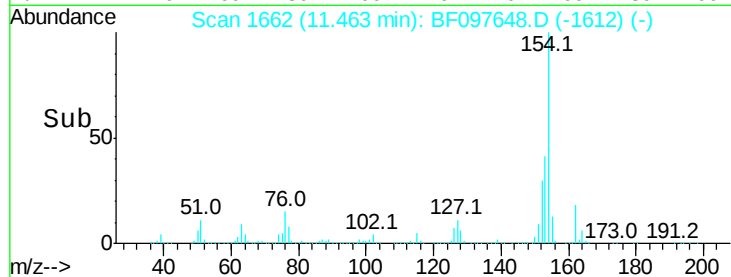
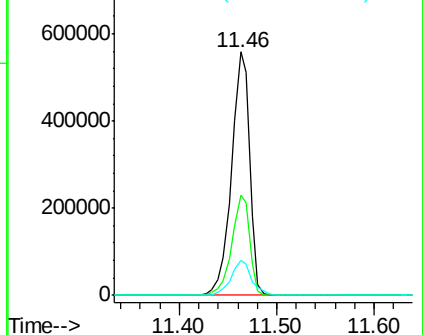
Tot Ion:	154	Resp:	720460
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.2	61.2
76	14.5	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 38.307 ng

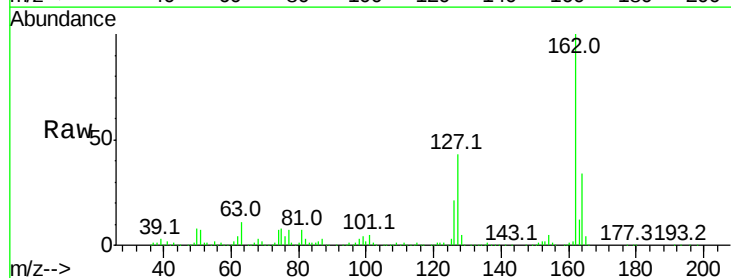
RT: 11.48 min Scan# 1665

Delta R.T. -0.01 min

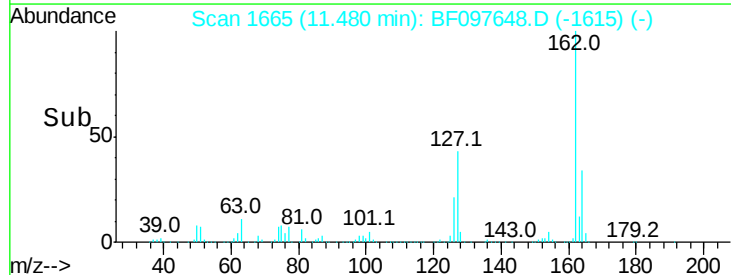
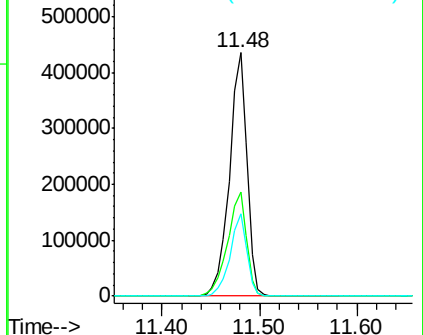
Lab File: BF097648.D

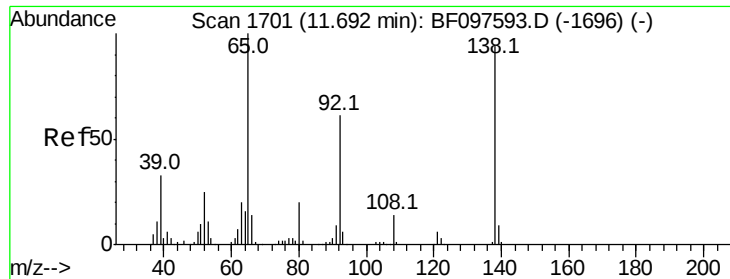
Acq: 12 Aug 2017 22:34

Tgt Ion:	162	Resp:	544743
Ion Ratio	Lower	Upper	
162	100		
127	42.6	28.3	42.5#
164	33.6	27.0	40.4



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





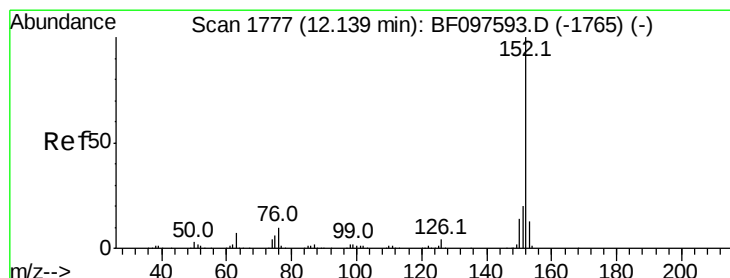
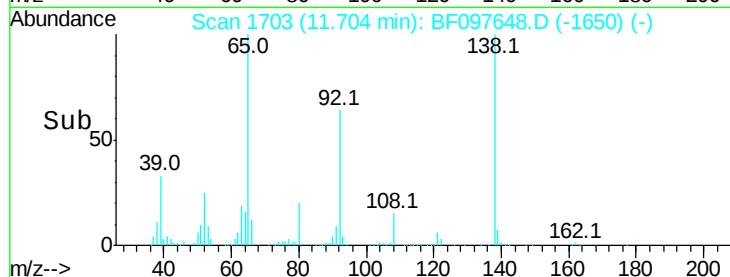
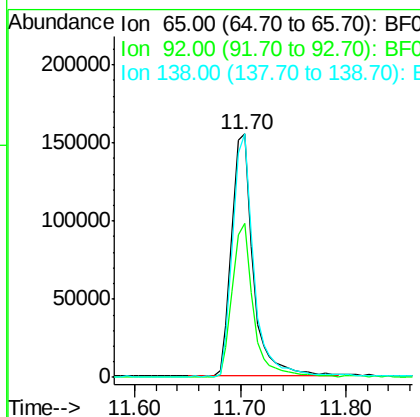
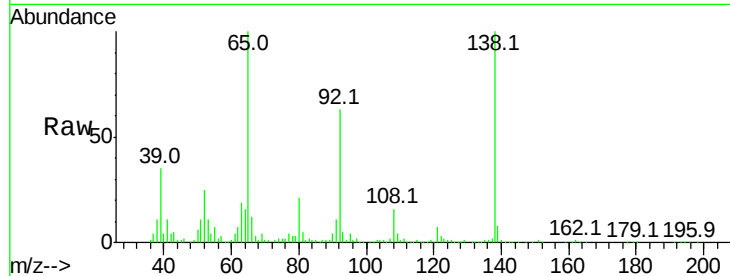
#47
2-Nitroaniline
Concen: 39.229 ng
RT: 11.70 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	53.9	80.9
138	99.8	78.8	118.2

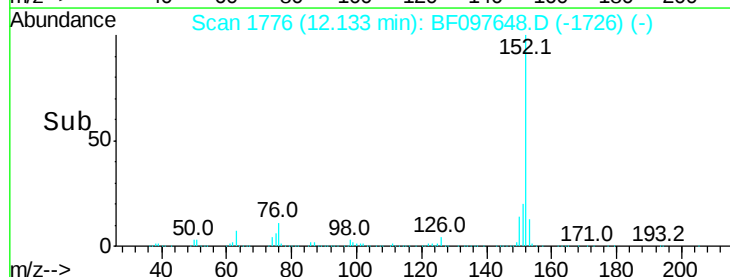
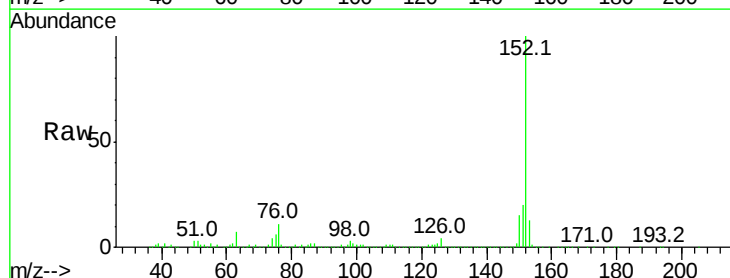
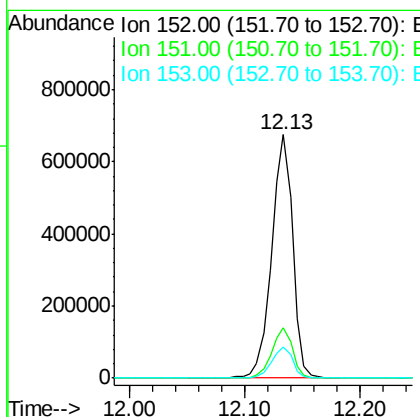
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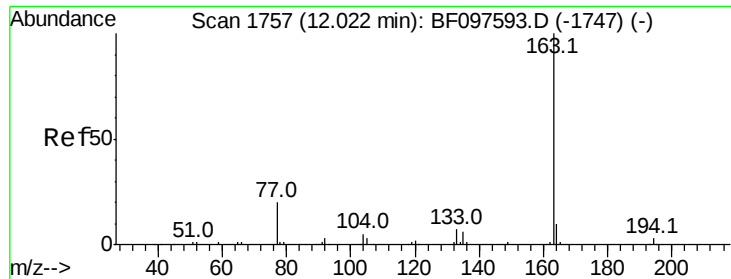
sohil
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#48
Acenaphthylene
Concen: 37.824 ng
RT: 12.13 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.0	10.8	16.2





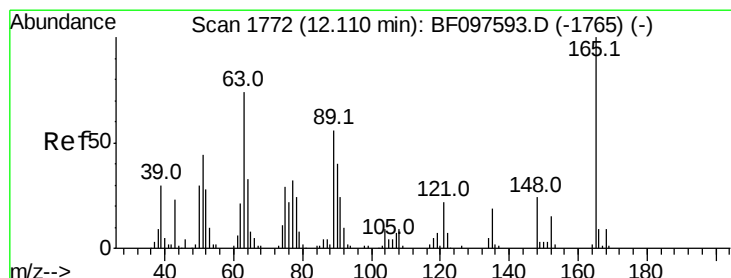
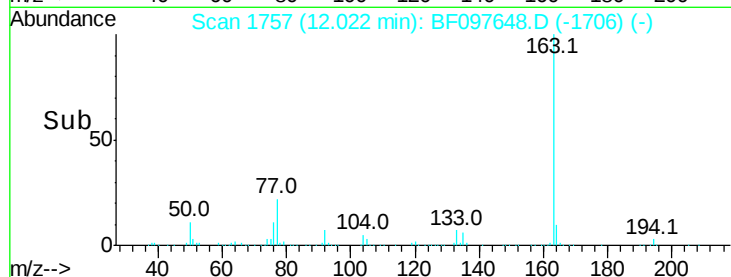
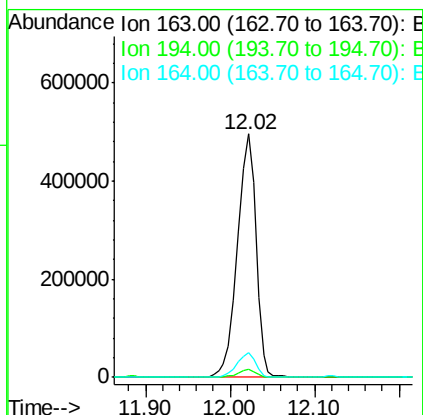
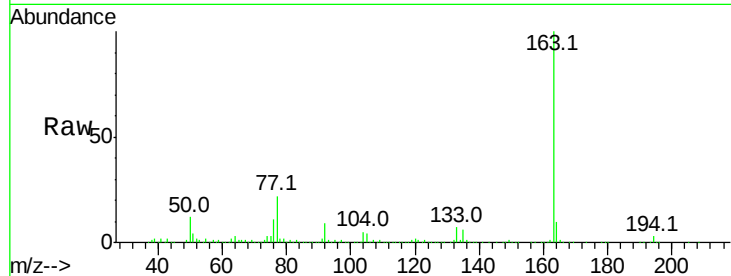
#49
Dimethylphthalate
Concen: 44.771 ng
RT: 12.02 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	744861		
194	3.1		2.6	4.0
164	10.0		8.4	12.6

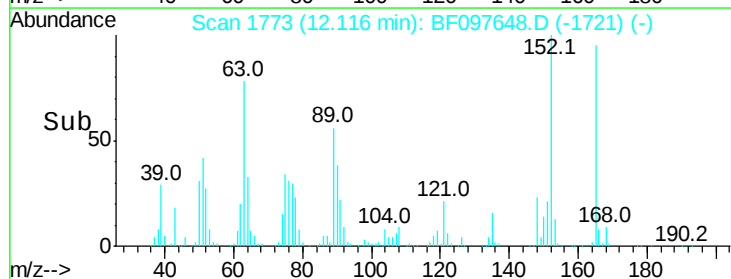
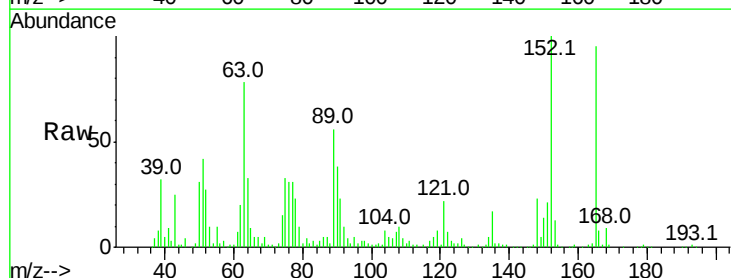
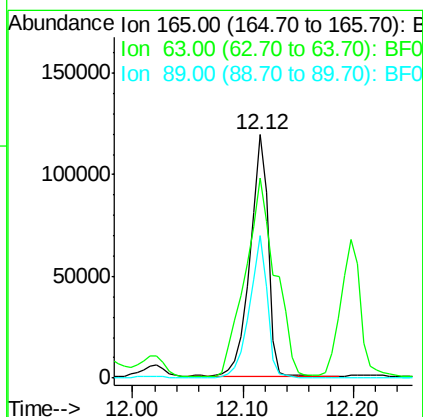
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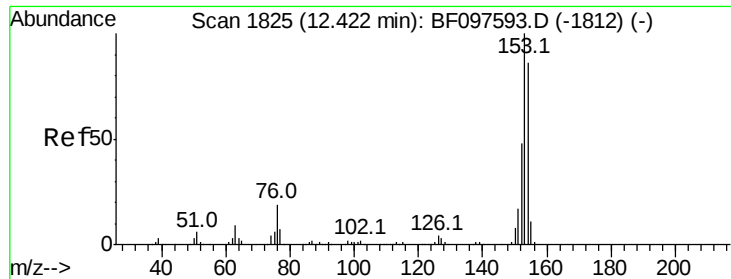
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#50
2,6-Dinitrotoluene
Concen: 40.329 ng
RT: 12.12 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138557		
63	82.0		34.3	51.5#
89	58.4		37.1	55.7#





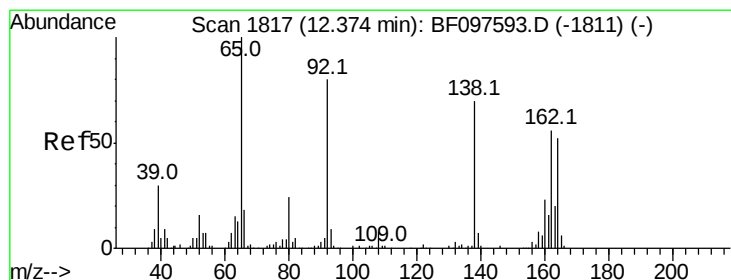
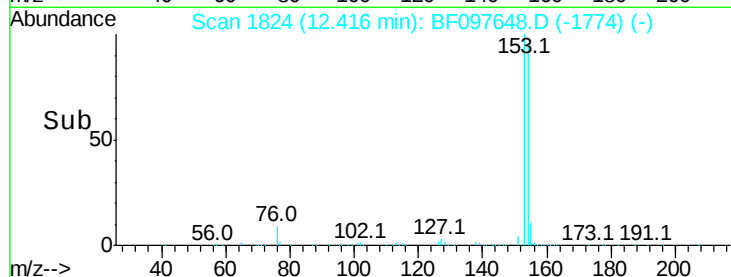
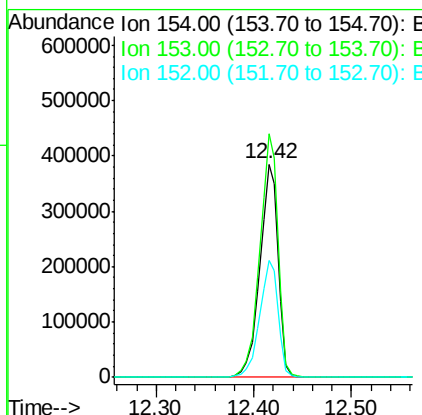
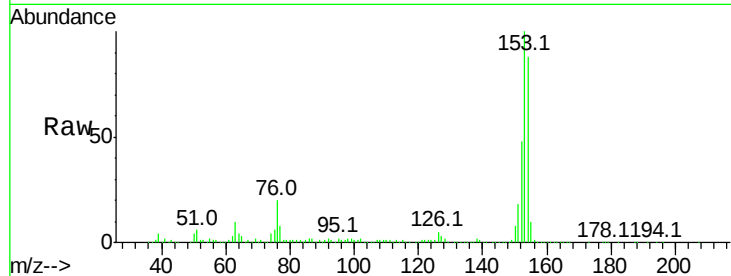
#51
Acenaphthene
Concen: 37.848 ng
RT: 12.42 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	54.8	43.6	65.4

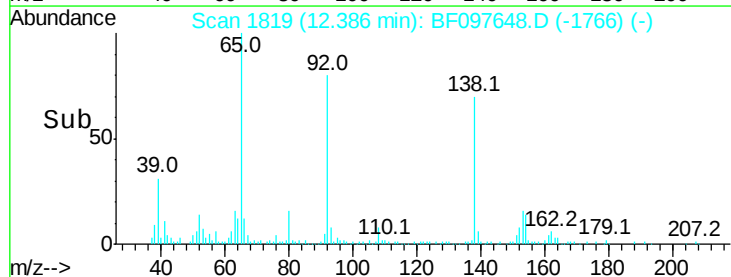
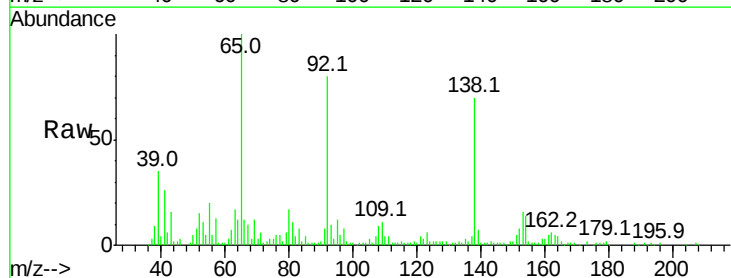
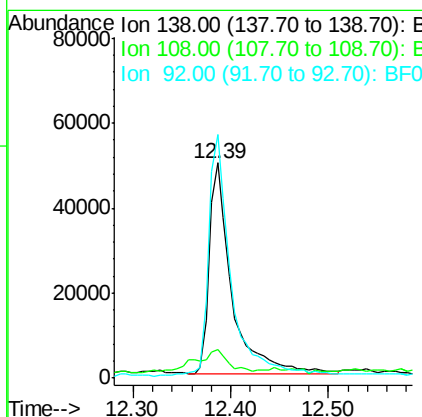
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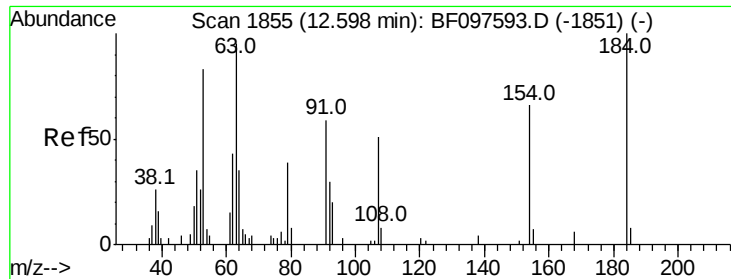
sohil
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#52
3-Nitroaniline
Concen: 17.498 ng
RT: 12.39 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.4	9.1	13.7
92	113.1	93.8	140.6





#53

2,4-Dinitrophenol

Concen: 41.748 ng

RT: 12.61 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

ClientSampled :

VE-4-11MS

Tot Ion:184 Resp: 59127

Ion Ratio Lower Upper

184 100

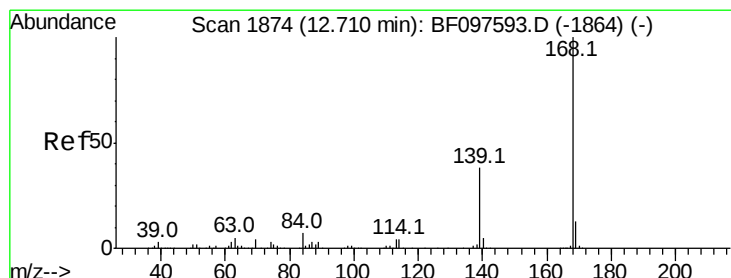
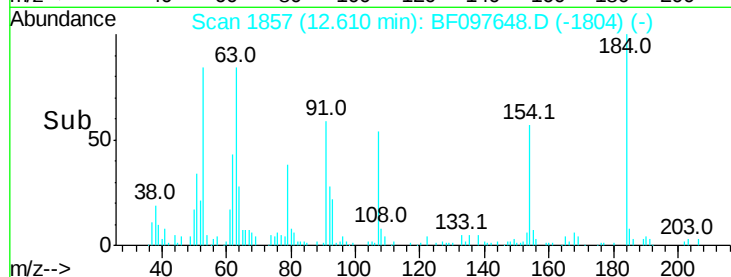
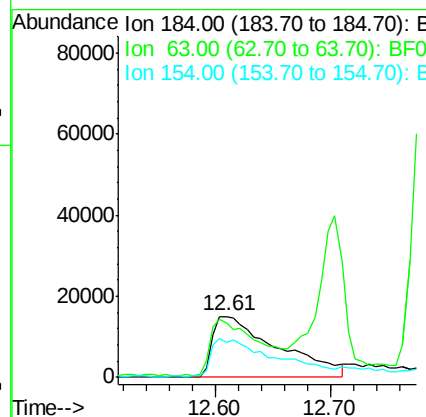
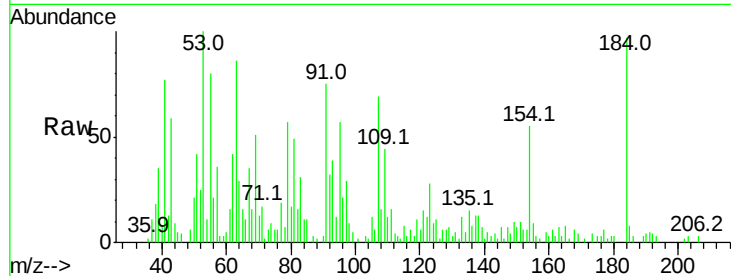
63 88.6 62.7 94.1

154 56.5 81.1 121.7#

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#54

Dibenzofuran

Concen: 40.486 ng

RT: 12.70 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

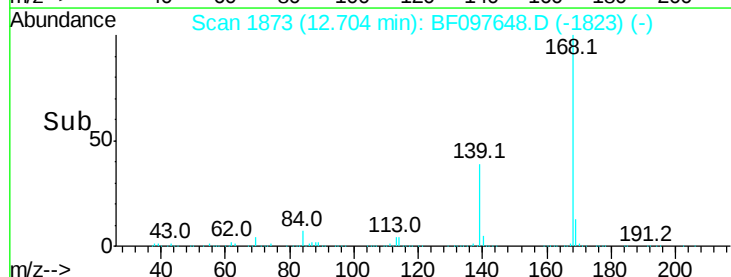
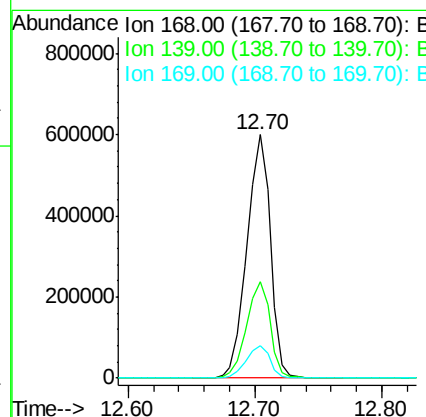
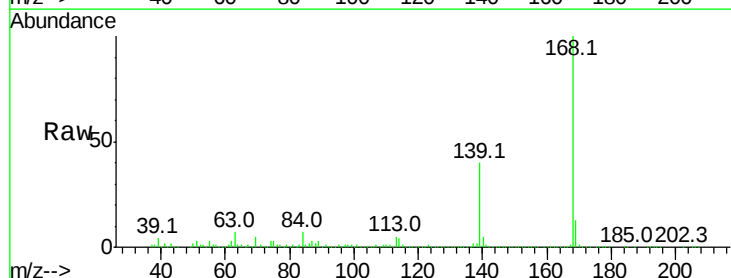
Tgt Ion:168 Resp: 767889

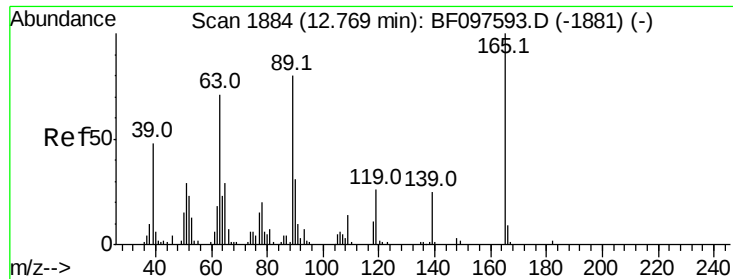
Ion Ratio Lower Upper

168 100

139 39.7 30.6 45.8

169 13.3 10.8 16.2





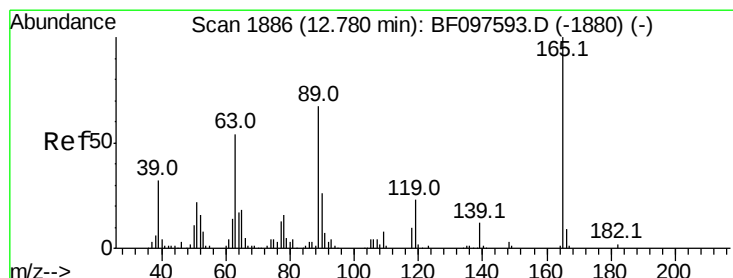
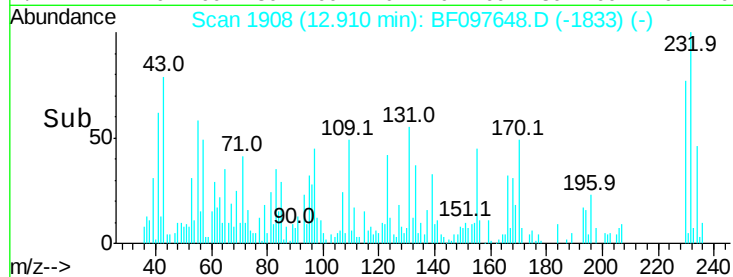
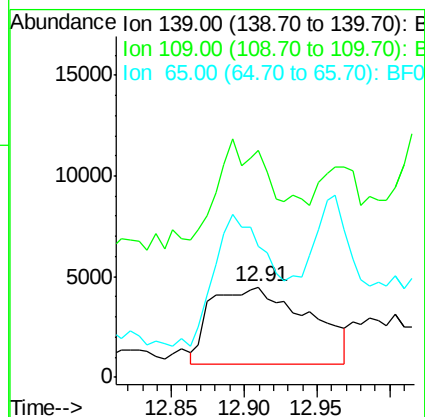
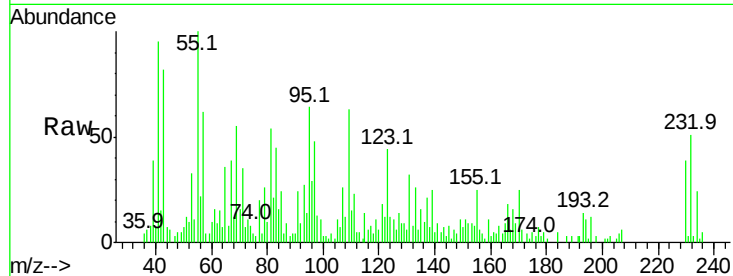
#55
4-Nitrophenol
Concen: 10.294 ng/ml
RT: 12.91 min Scan# 1908
Delta R.T. 0.14 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion:139 Resp: 17635
Ion Ratio Lower Upper
139 100
109 251.4 34.1 74.1#
65 144.6 31.4 71.4#

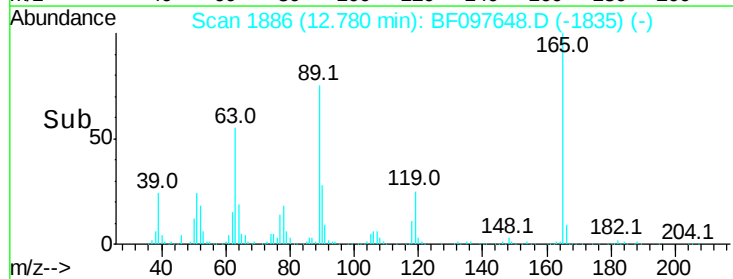
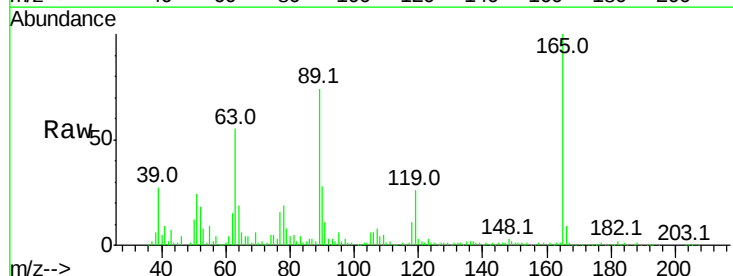
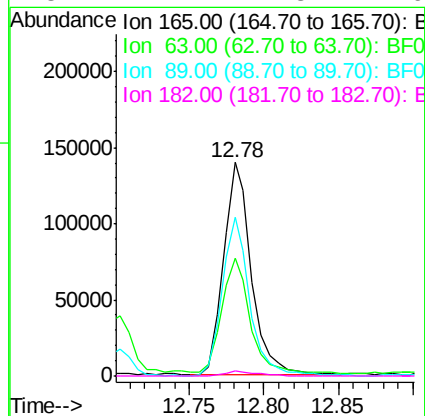
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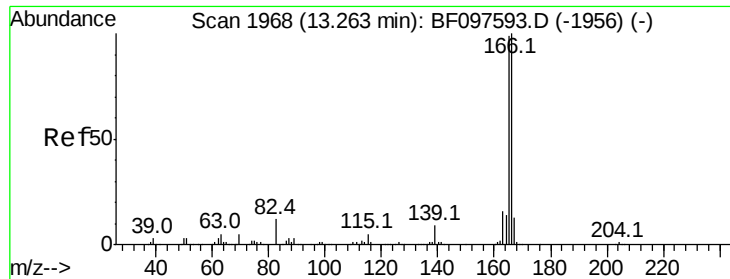
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#56
2,4-Dinitrotoluene
Concen: 39.679 ng/ml
RT: 12.78 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion:165 Resp: 181951
Ion Ratio Lower Upper
165 100
63 55.0 25.4 38.0#
89 74.2 46.4 69.6#
182 2.1 1.8 2.6





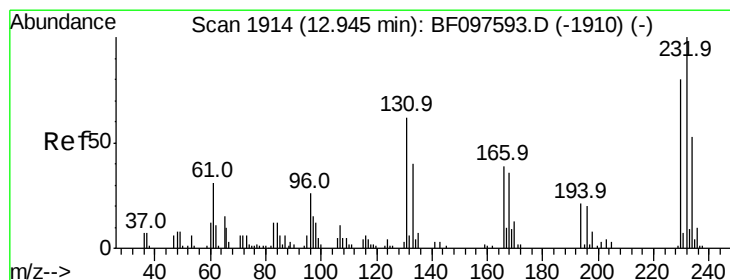
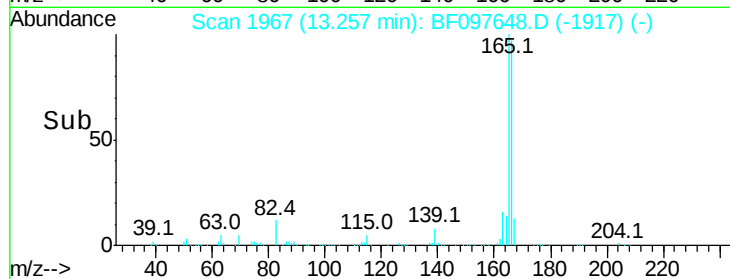
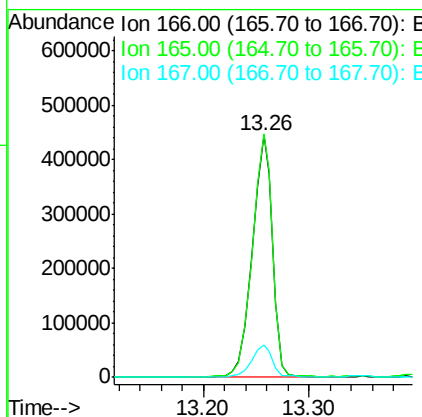
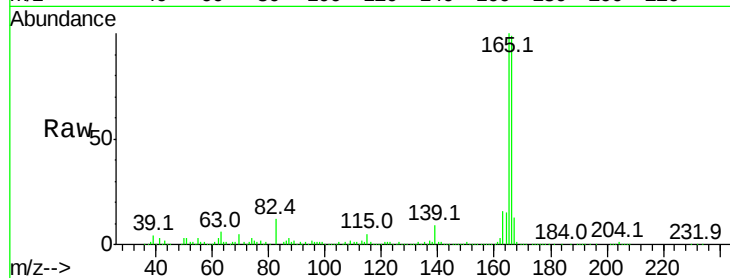
#57
 Fluorene
 Concen: 37.923 ng
 RT: 13.26 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	78.8	118.2	
167	13.4	10.6	16.0	

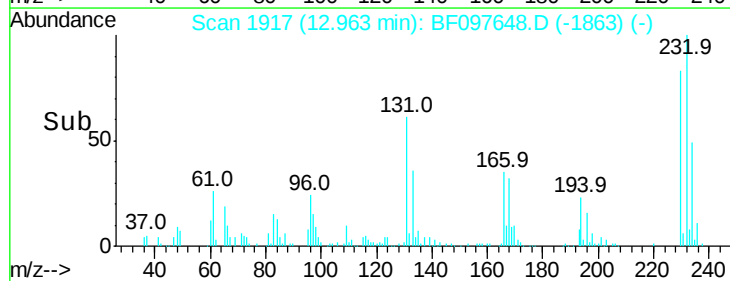
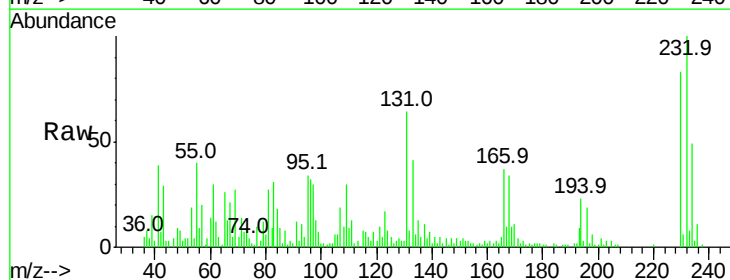
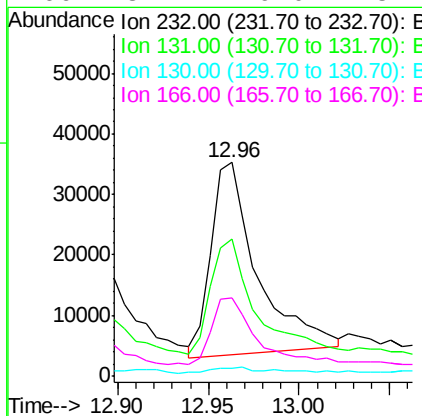
Manual Integrations
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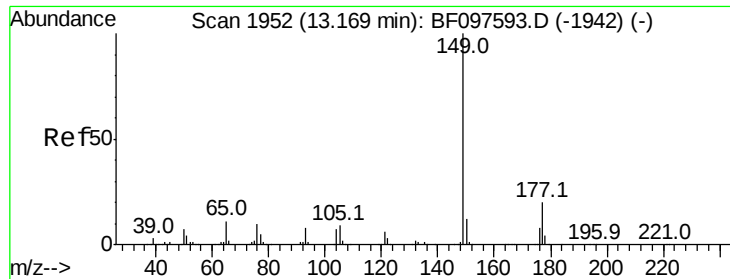
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 8/14/2017 7:06:33 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.864 ng
 RT: 12.96 min Scan# 1917
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	59.6	44.8	67.2	
130	3.6	2.3	3.5#	
166	34.1	29.0	43.4	





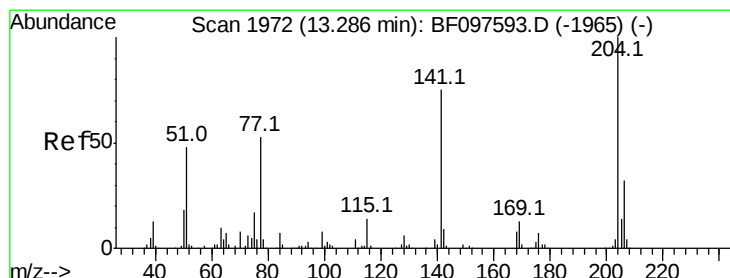
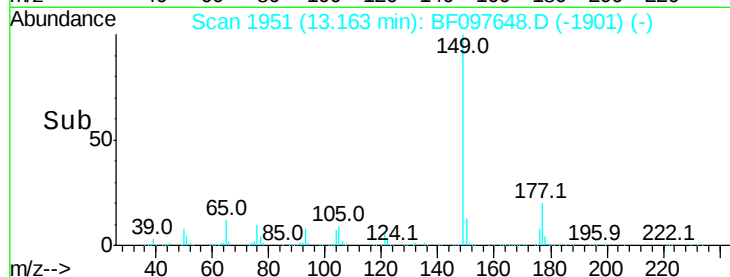
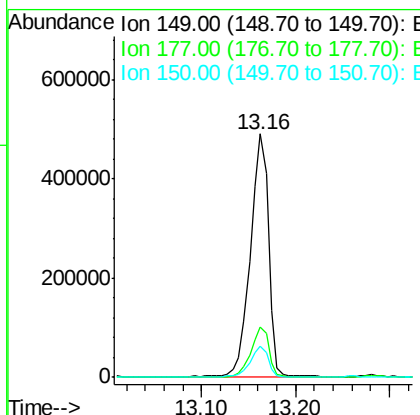
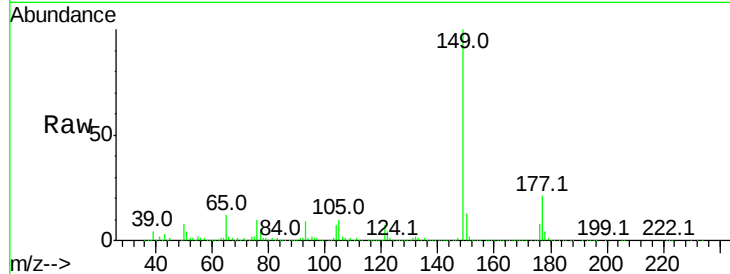
#59
Diethylphthalate
Concen: 41.608 ng
RT: 13.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	653818		
177	20.5	16.7	25.1	
150	12.7	10.2	15.2	

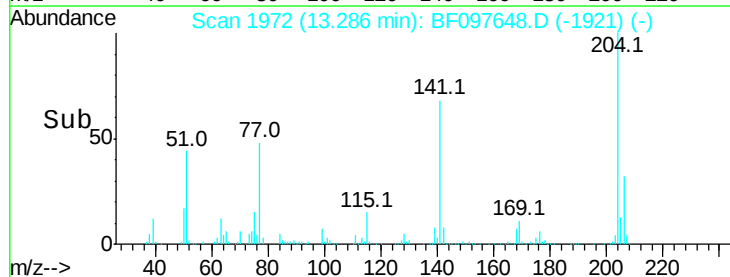
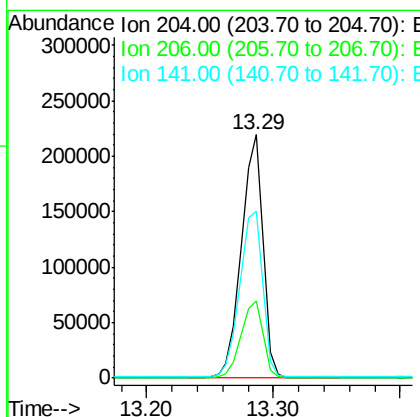
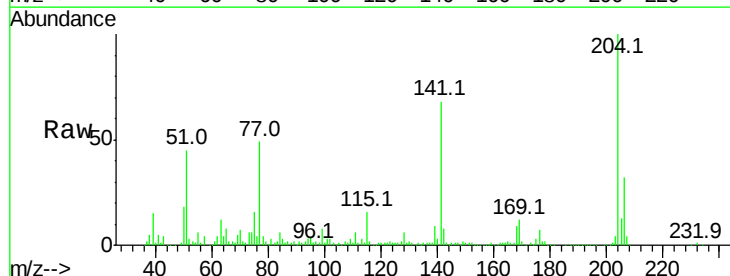
Manual Integrations
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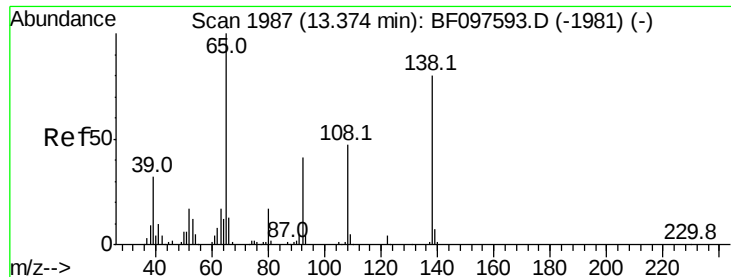
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.902 ng
RT: 13.29 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	259054		
206	31.6	26.2	39.2	
141	68.4	60.8	91.2	





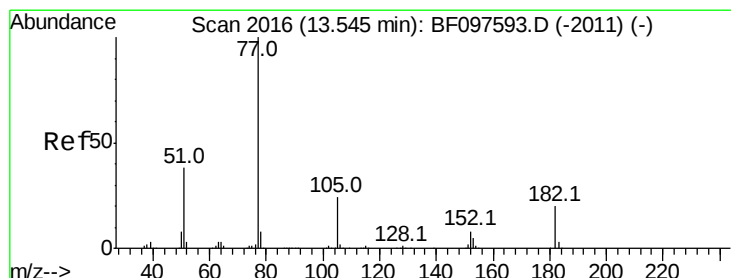
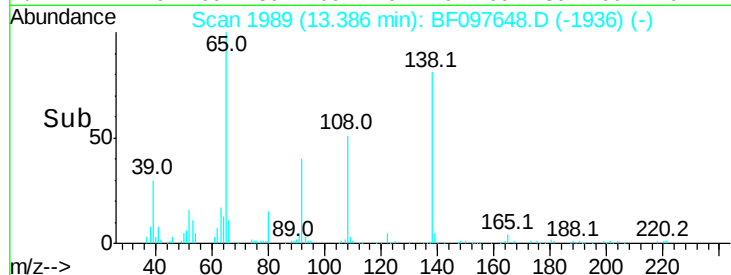
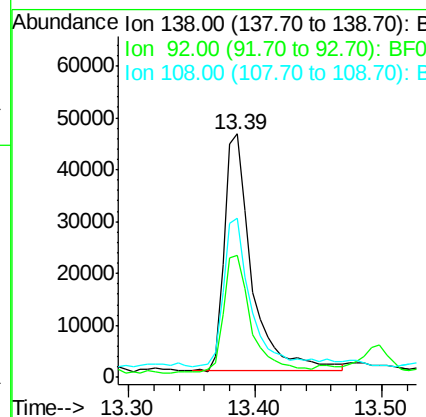
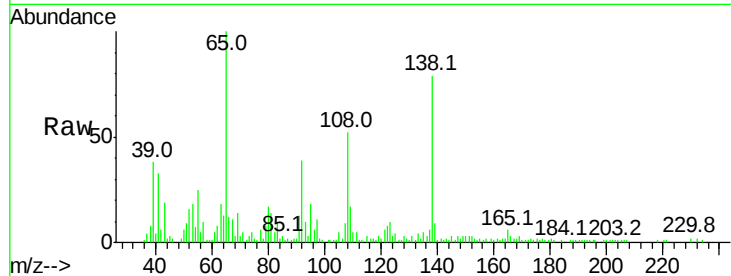
#61
4-Nitroaniline
Concen: 16.176 ng
RT: 13.39 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	21.8	61.8
108	65.4	42.3	82.3

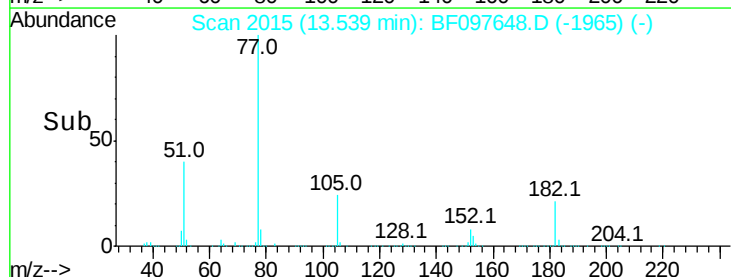
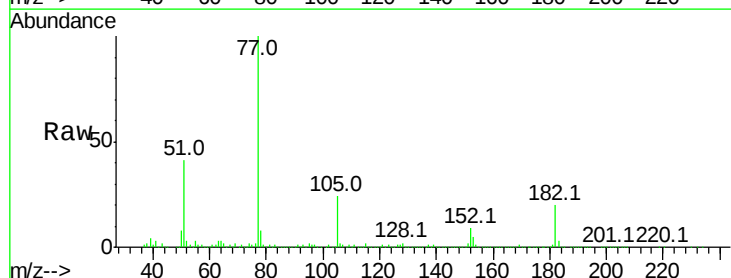
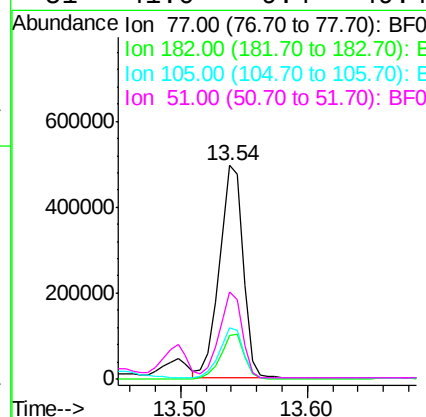
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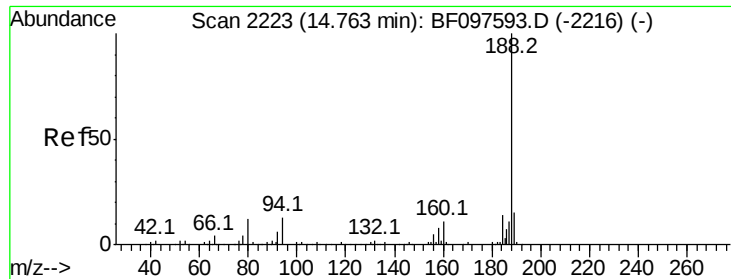
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#62
Azobenzene
Concen: 41.311 ng
RT: 13.54 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.1	40.1
105	24.2	3.6	43.6
51	41.0	9.4	49.4





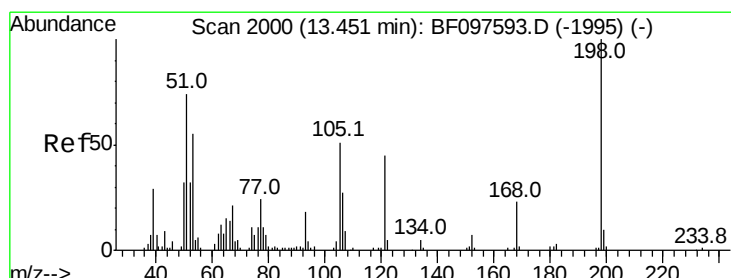
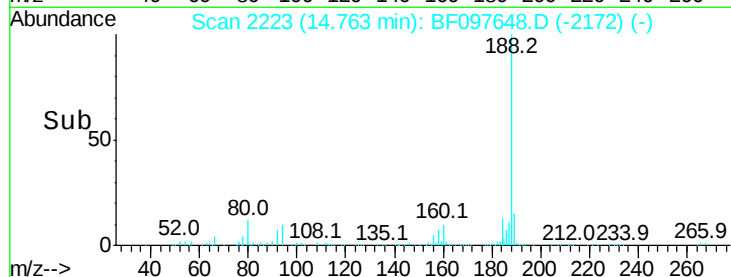
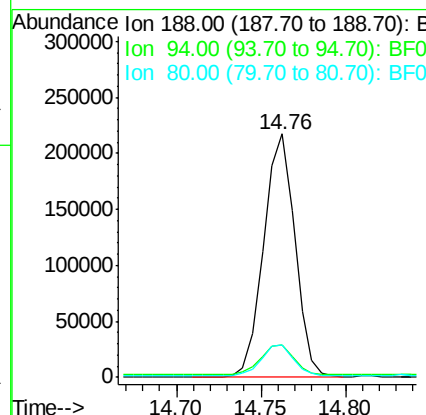
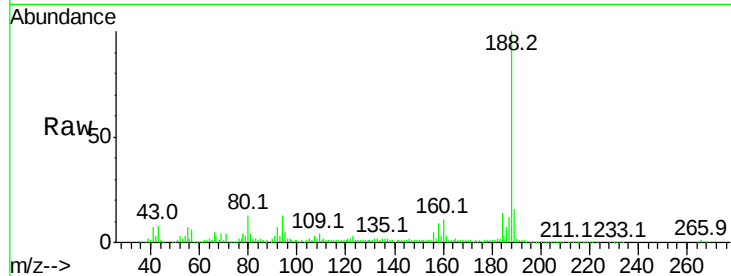
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	279206		
94	13.1		9.4	14.2
80	13.2		10.2	15.2

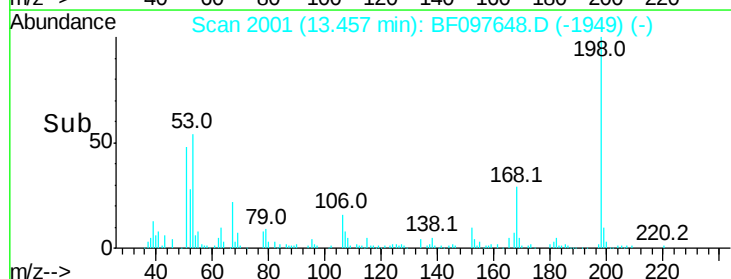
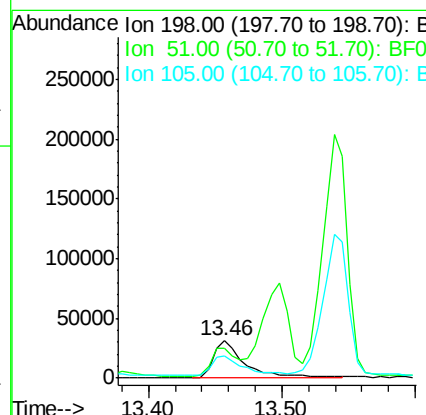
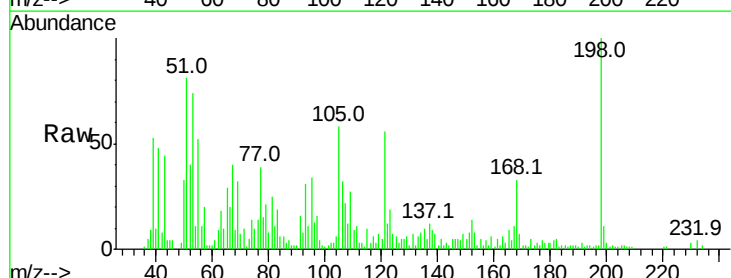
Manual Integrations
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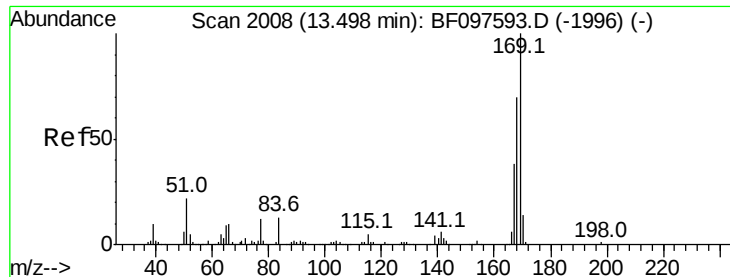
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.534 ng
RT: 13.46 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52005		
51	80.6		53.2	93.2
105	58.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 47.303 ng

RT: 13.50 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion:169 Resp: 488069

Ion Ratio Lower Upper

169 100

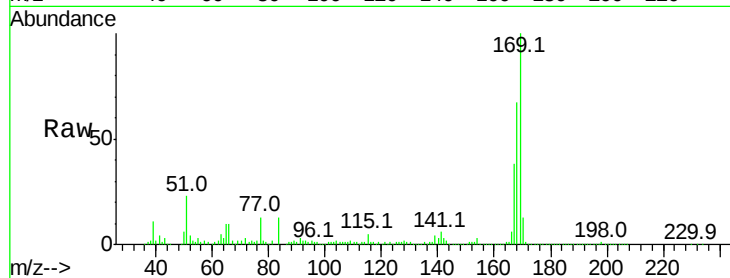
168 67.0 53.2 79.8

167 38.3 29.5 44.3

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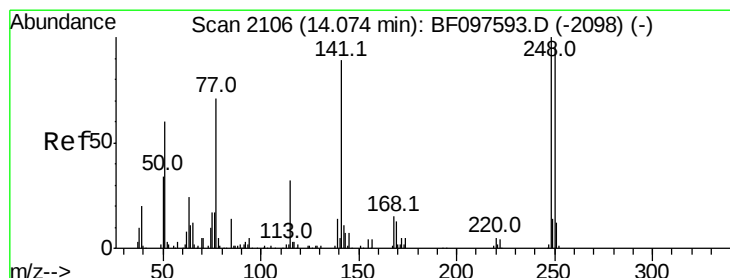
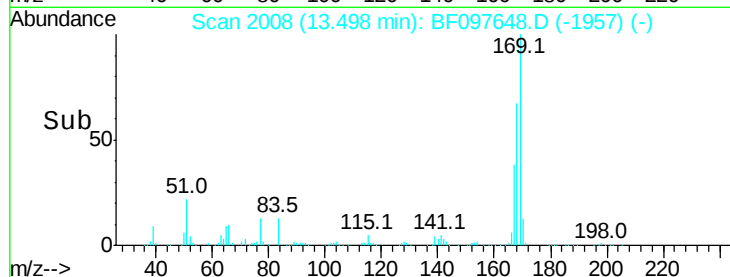
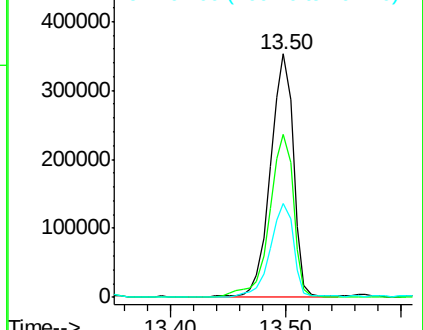
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.231 ng

RT: 14.07 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

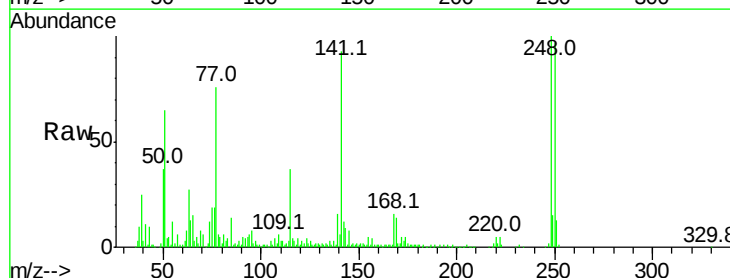
Tgt Ion:248 Resp: 142605

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

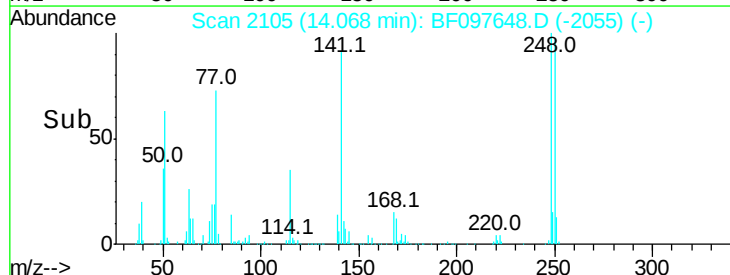
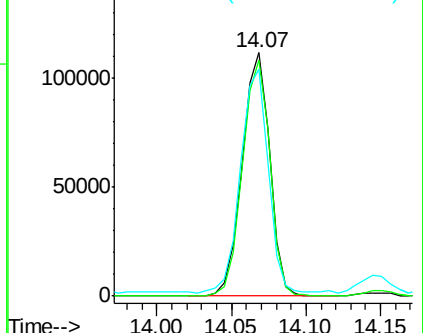
141 93.3 68.6 103.0

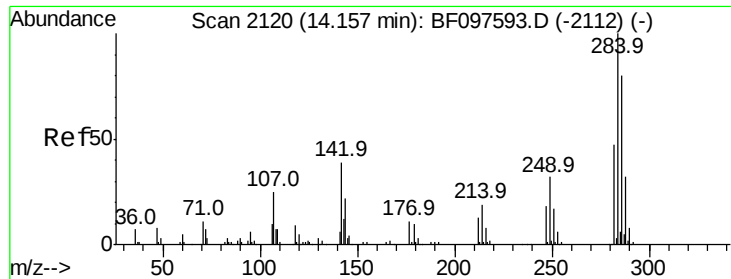


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.015 ng

RT: 14.15 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

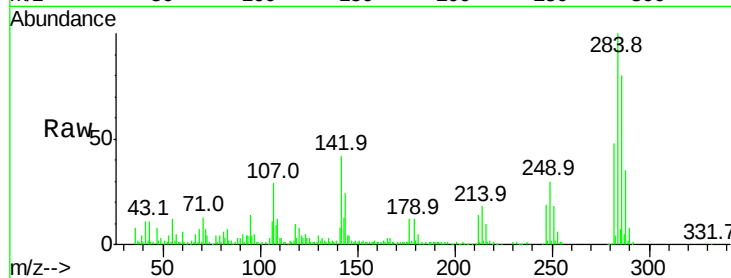
ClientSampleId :

VE-4-11MS

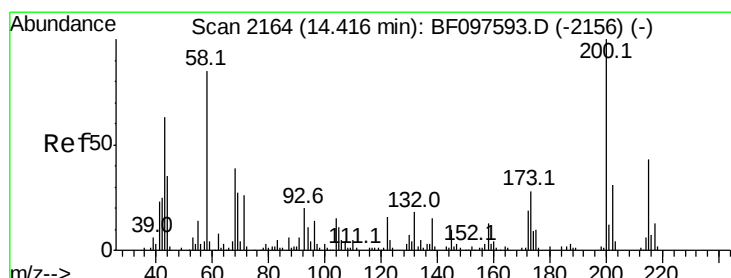
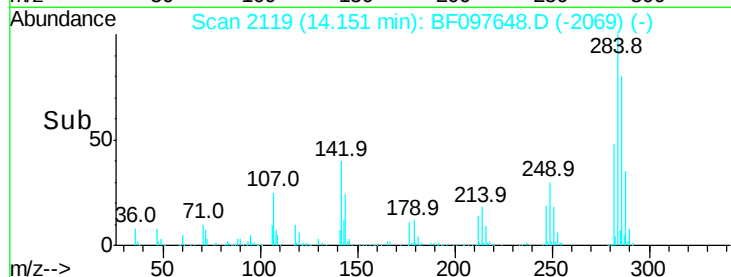
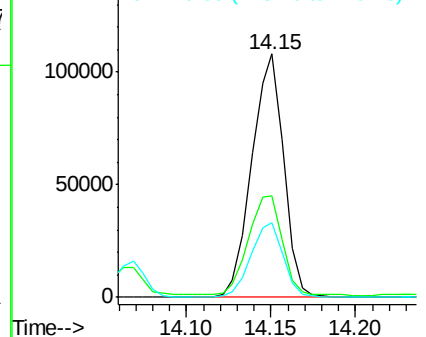
Tot Ion:	284	Resp:	142039
Ion Ratio	Lower	Upper	
284	100		
142	41.5	22.8	34.2#
249	30.5	24.0	36.0

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



#68

Atrazine

Concen: 32.665 ng

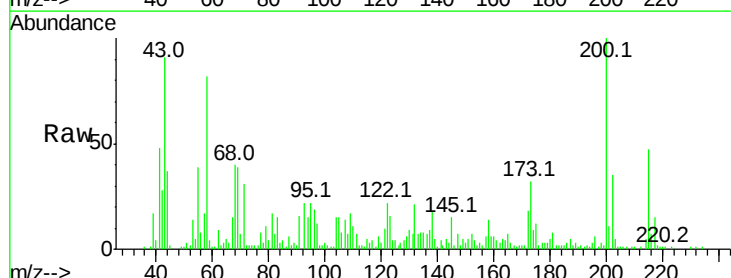
RT: 14.47 min Scan# 2174

Delta R.T. 0.06 min

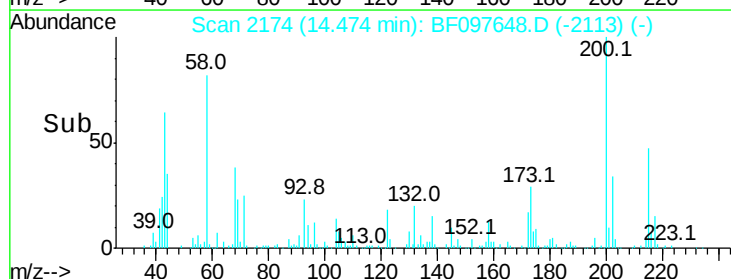
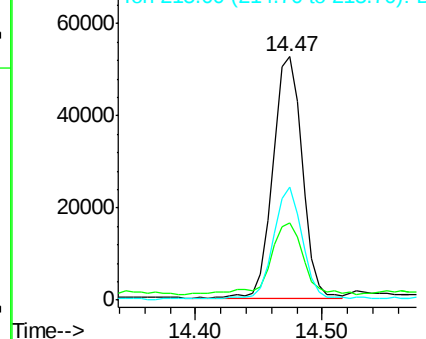
Lab File: BF097648.D

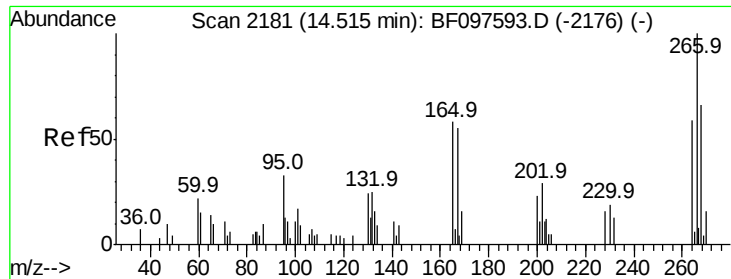
Acq: 12 Aug 2017 22:34

Tgt Ion:	200	Resp:	84565
Ion Ratio	Lower	Upper	
200	100		
173	31.5	6.3	46.3
215	46.5	27.2	67.2



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





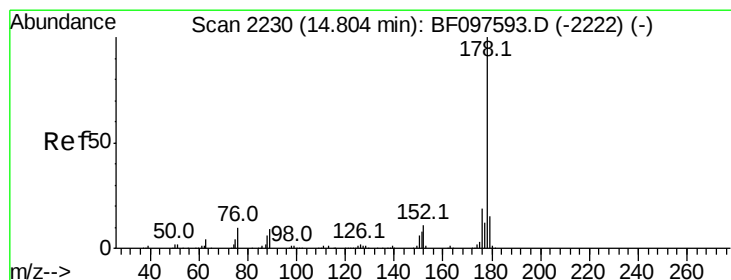
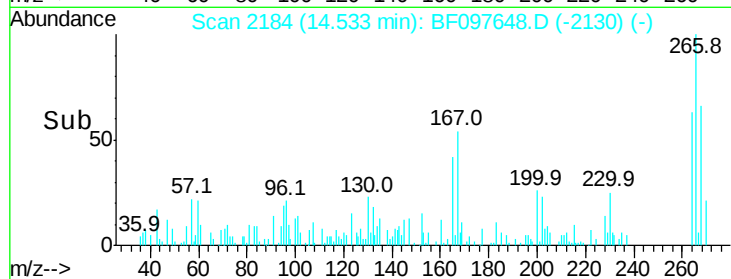
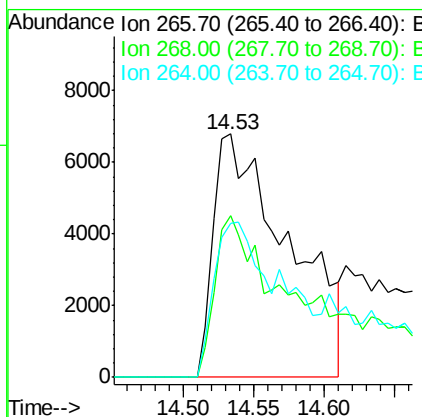
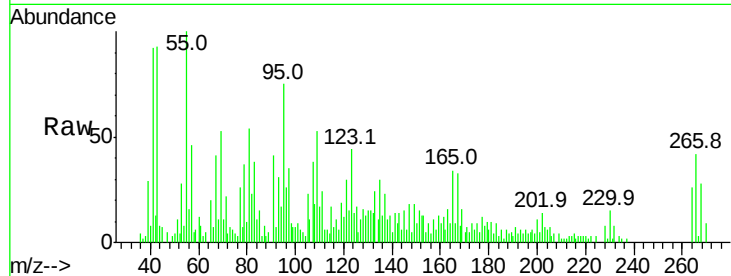
#69
 Pentachlorophenol
 Concen: 41.766 ng
 RT: 14.53 min Scan# 2184
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.1	76.7
264	63.2	51.7	77.5

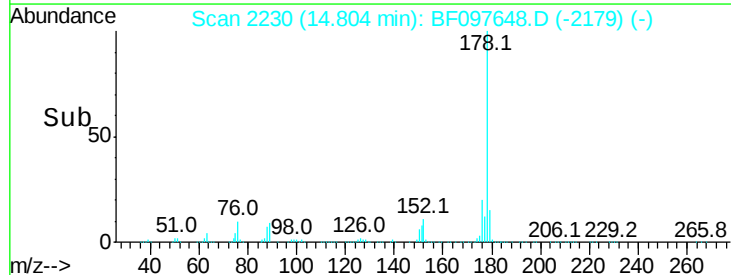
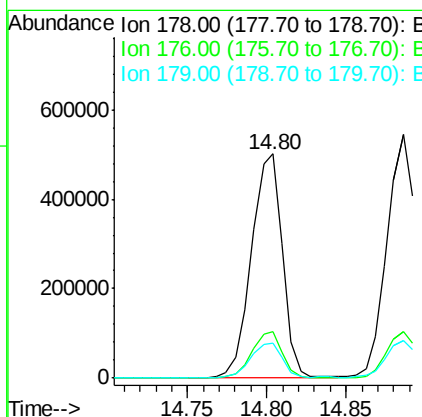
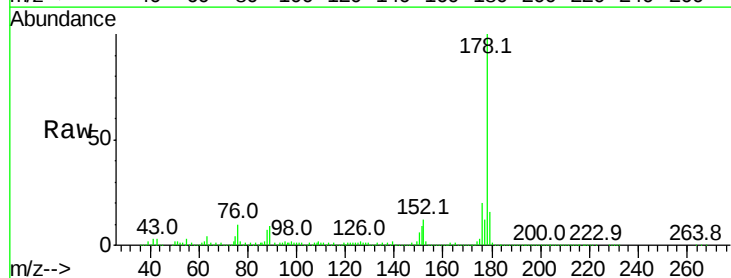
Manual Integrations
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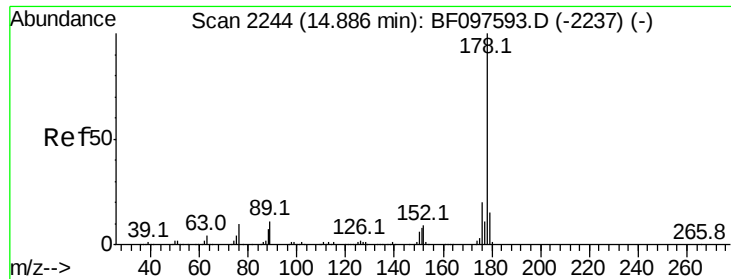
sohil
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#70
 Phenanthrene
 Concen: 42.096 ng
 RT: 14.80 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.7	12.6	19.0





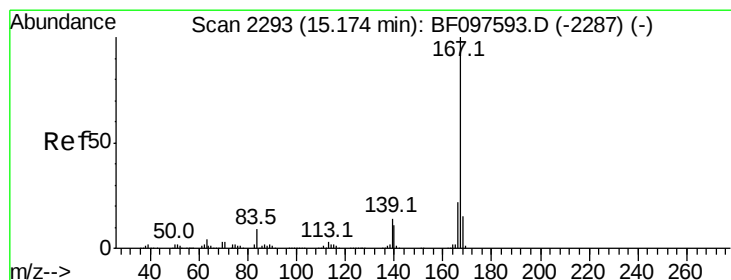
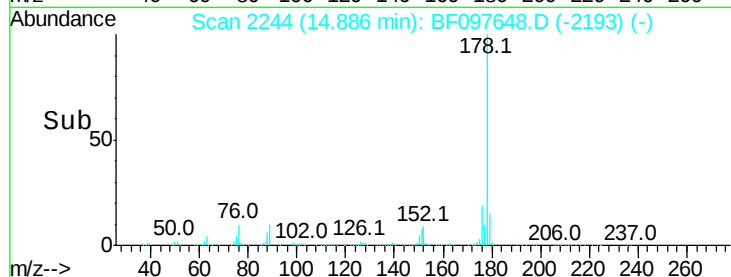
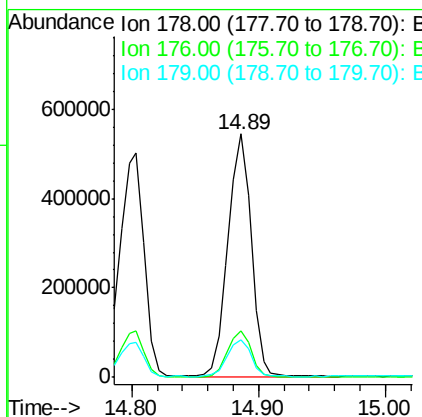
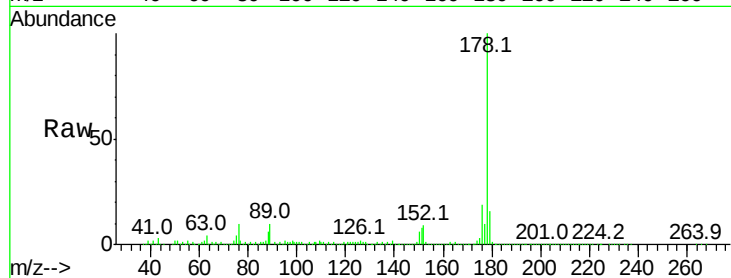
#71
 Anthracene
 Concen: 41.804 ng
 RT: 14.89 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.6	12.7	19.1

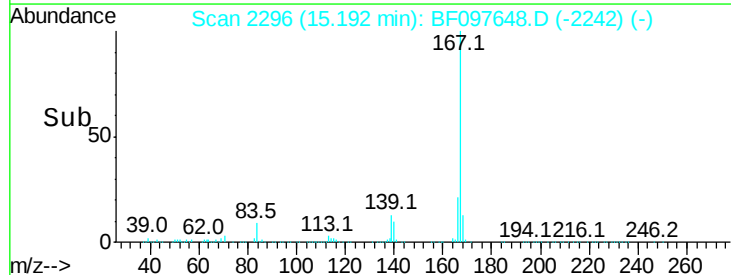
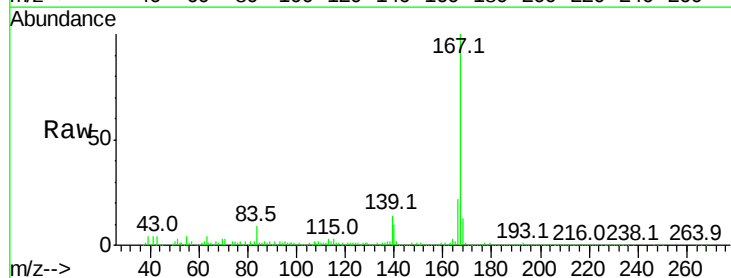
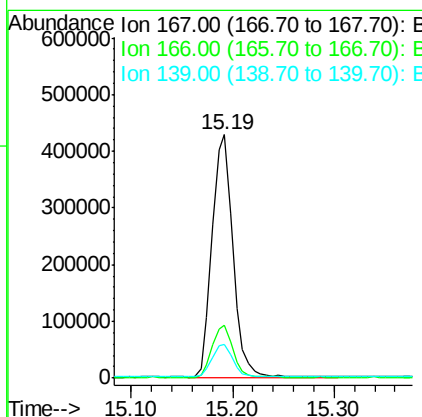
Manual Integrations
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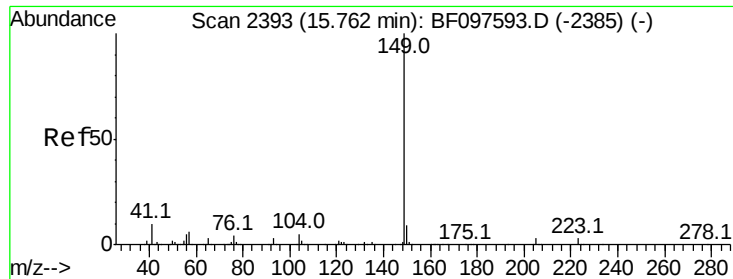
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#72
 Carbazole
 Concen: 39.049 ng
 RT: 15.19 min Scan# 2296
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	13.8	11.7	17.5





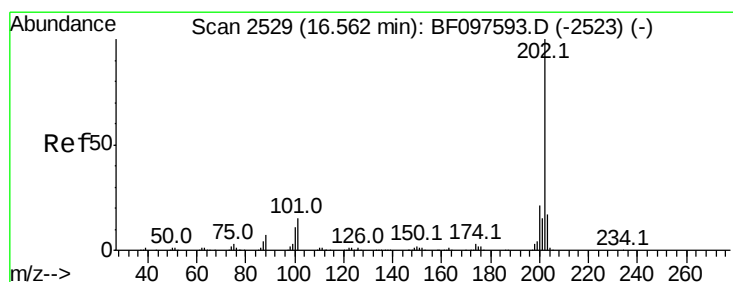
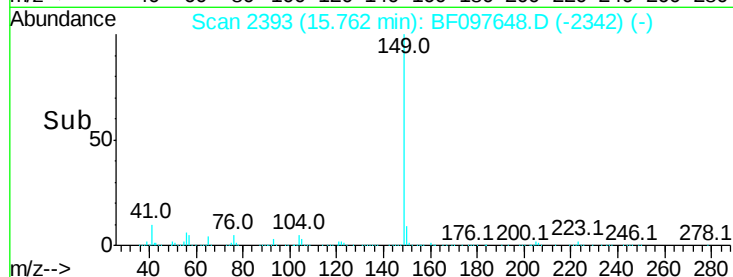
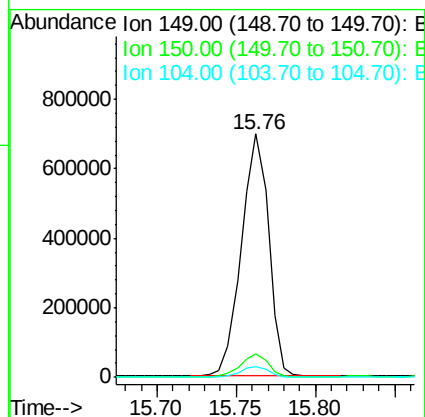
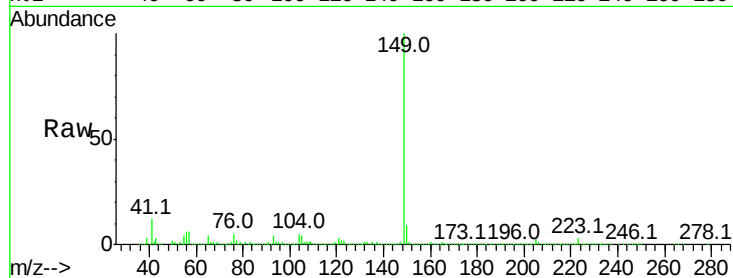
#73
Di-n-butylphthalate
Concen: 45.236 ng
RT: 15.76 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

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

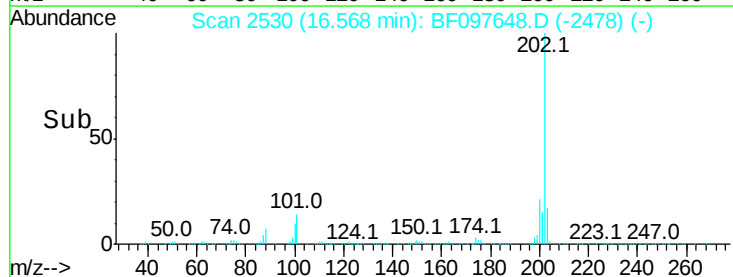
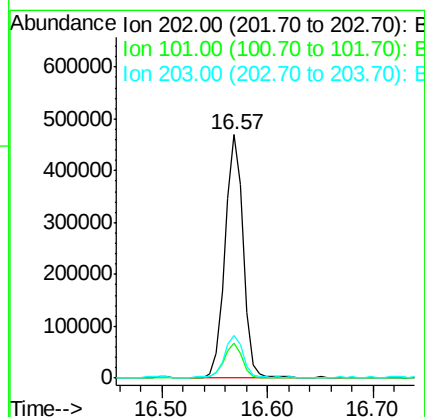
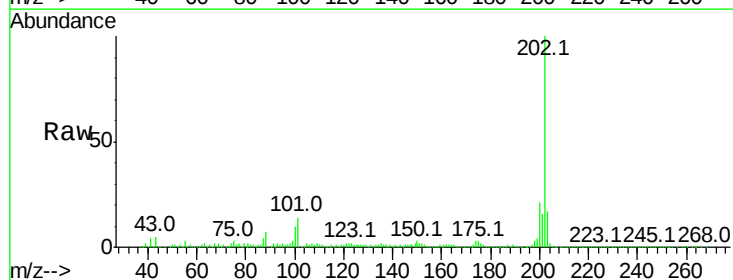
Manual Integrations
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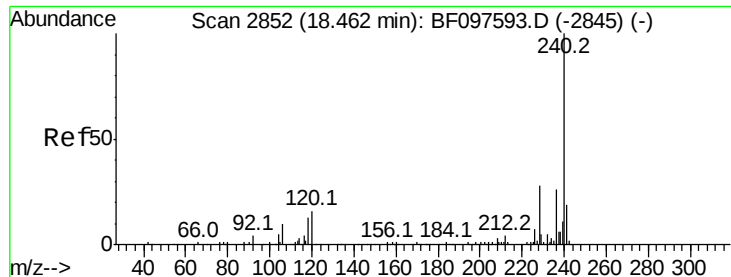
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#74
Fluoranthene
Concen: 38.075 ng
RT: 16.57 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.3	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.47 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

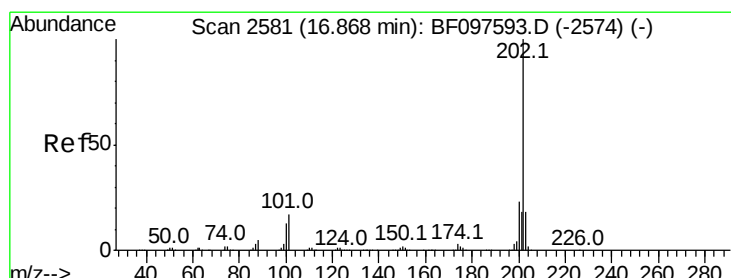
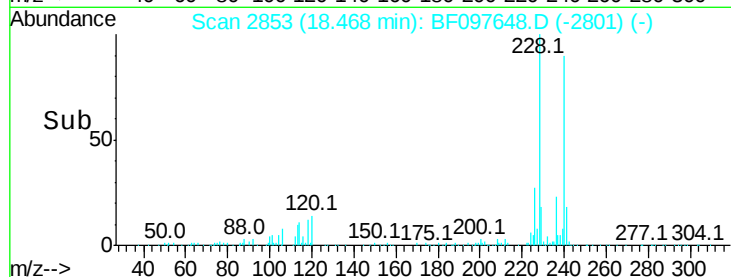
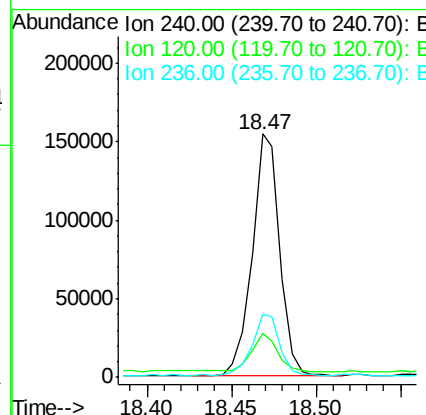
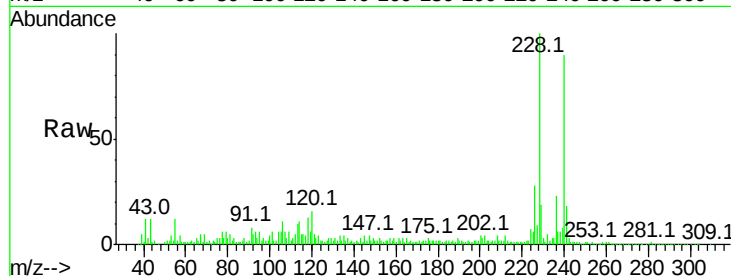
ClientSampleId :

VE-4-11MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.9	5.8	8.8#
236	25.9	20.5	30.7

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#77

Pyrene

Concen: 37.995 ng

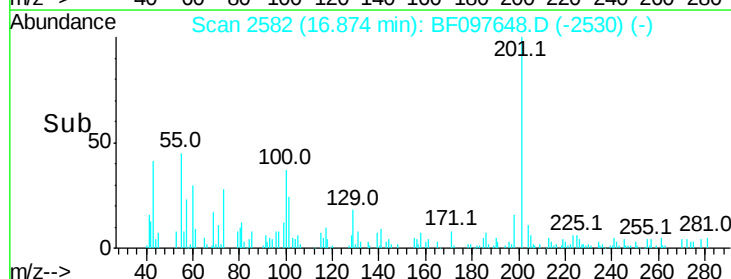
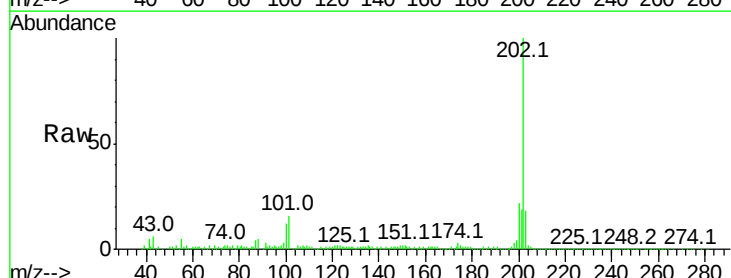
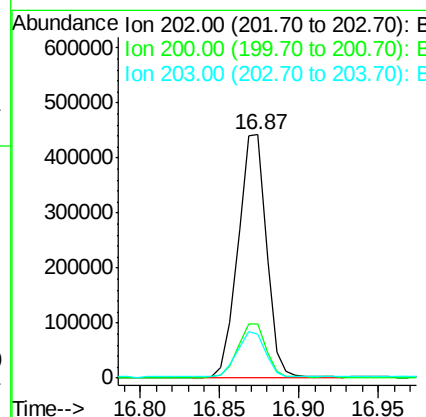
RT: 16.87 min Scan# 2582

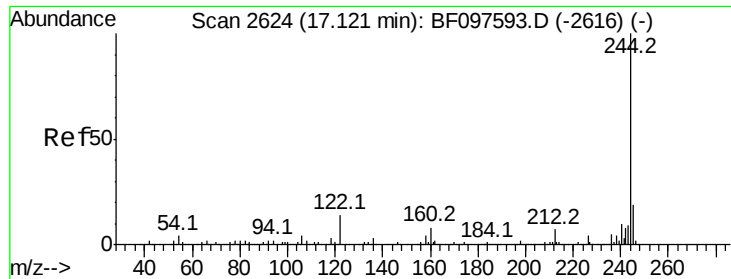
Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.4	21.6





#78

Terphenyl-d14

Concen: 61.064 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

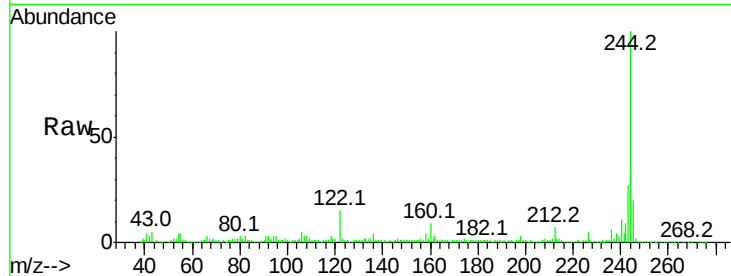
ClientSampled :

VE-4-11MS

Tot Ion:	244	Resp:	510732
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5

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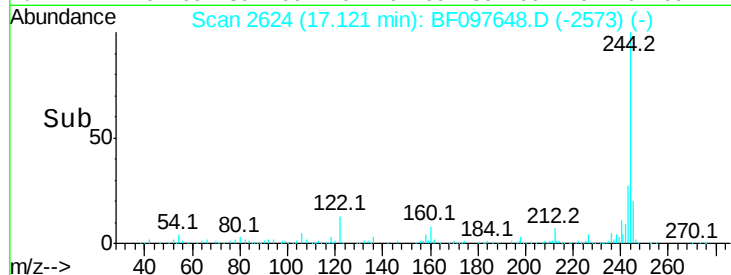


Abundance Ion 244.00 (243.70 to 244.70): E

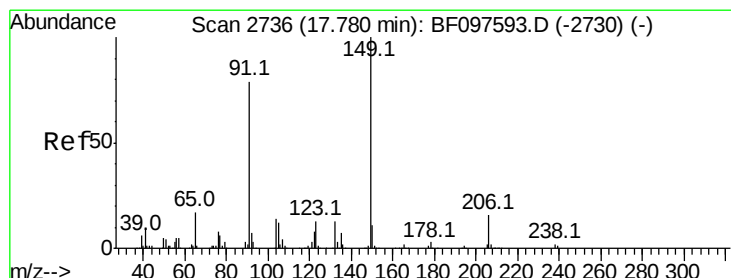
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#79

Butylbenzylphthalate

Concen: 45.065 ng

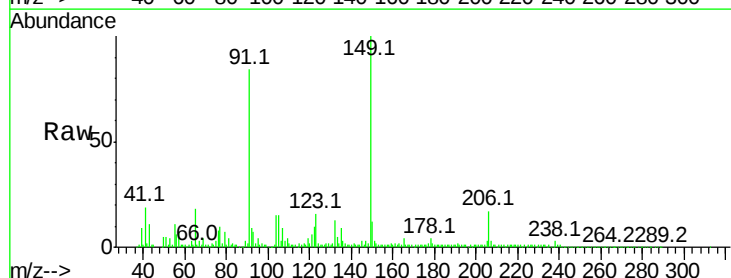
RT: 17.79 min Scan# 2738

Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:	149	Resp:	269688
Ion Ratio	Lower	Upper	
149	100		
91	83.5	45.0	67.4#
206	16.7	17.0	25.6#

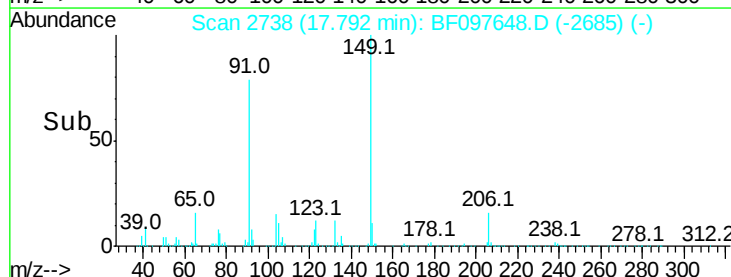


Abundance Ion 149.00 (148.70 to 149.70): E

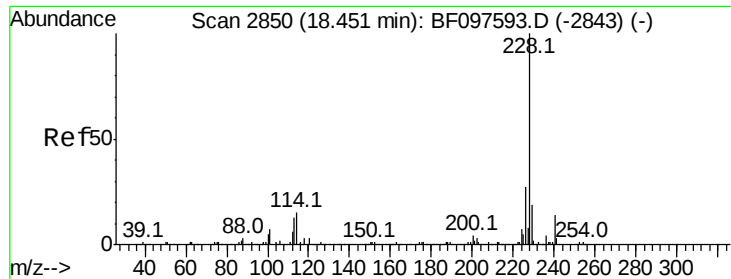
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



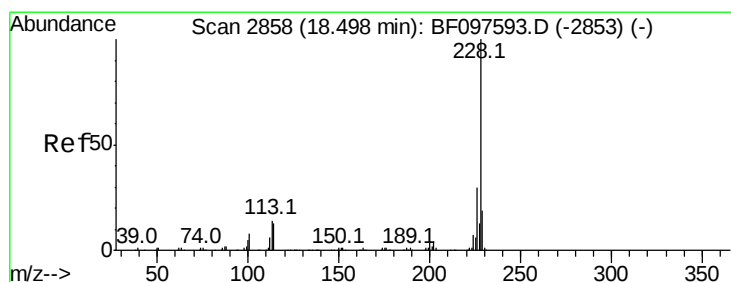
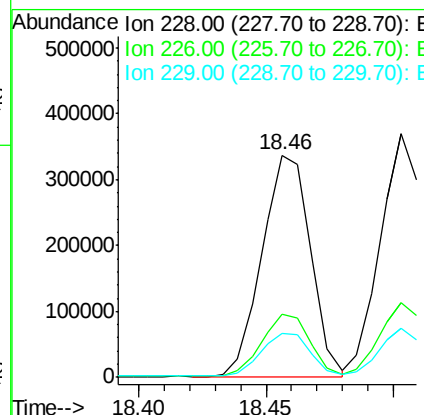
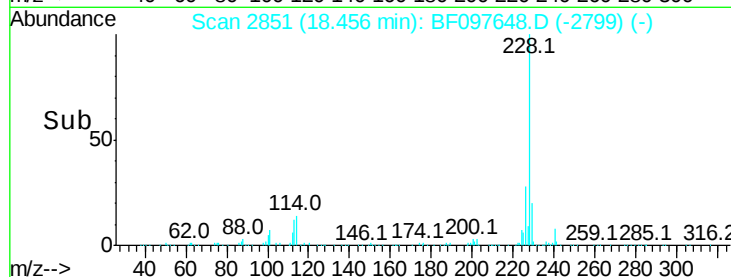
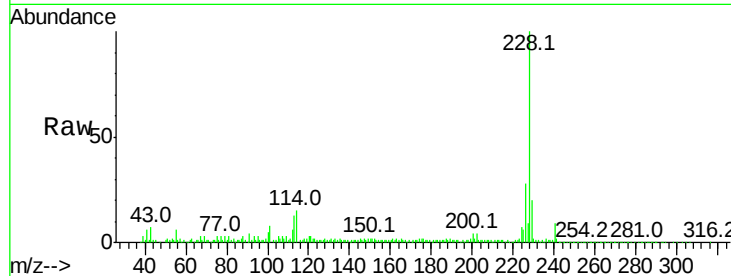
#80
Benzo(a)anthracene
Concen: 43.837 ng
RT: 18.46 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampled :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.0	16.3	24.5

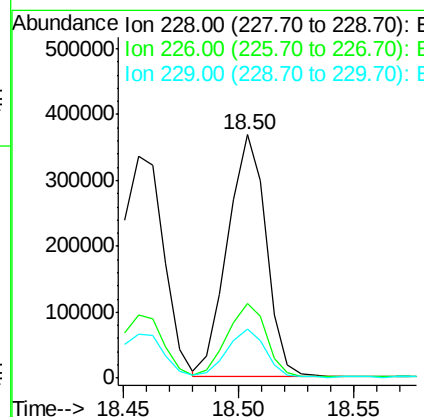
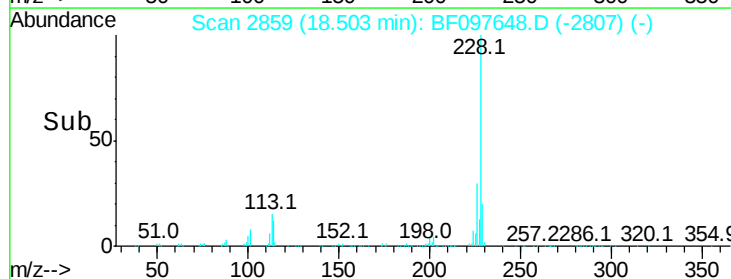
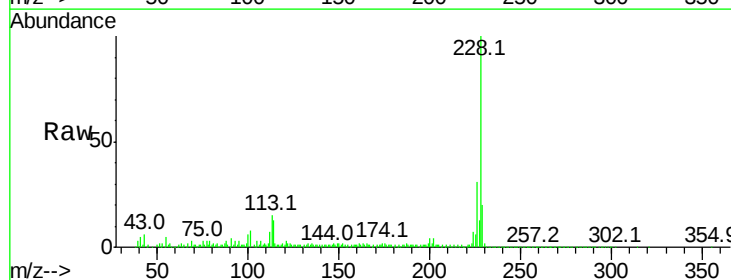
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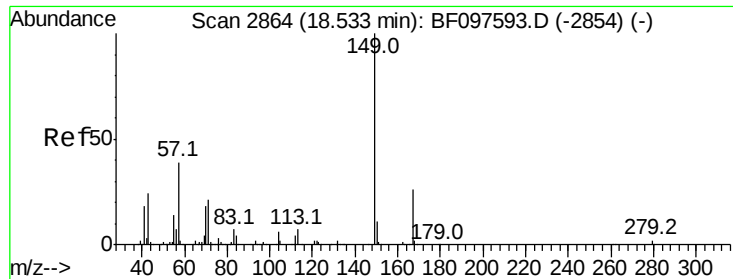
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#82
Chrysene
Concen: 42.374 ng
RT: 18.50 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	15.8	23.6





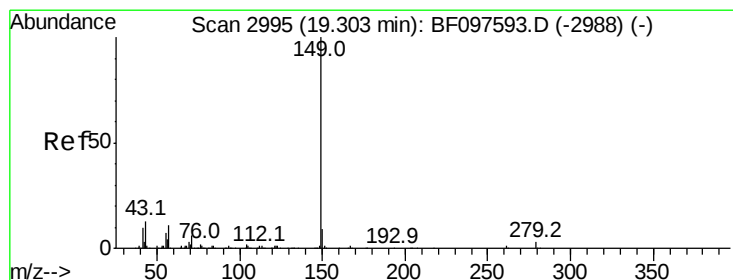
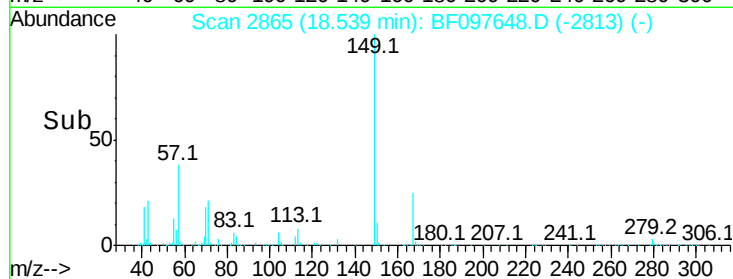
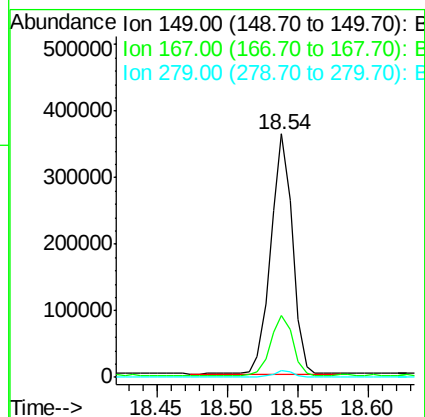
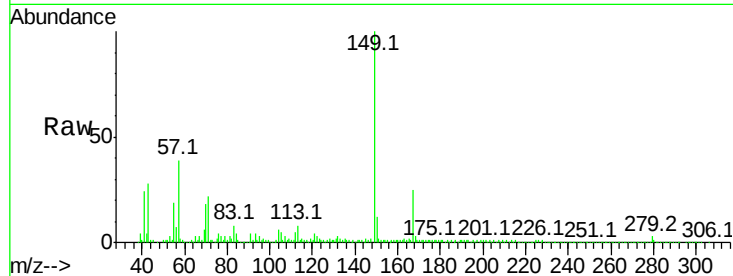
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.816 ng
 RT: 18.54 min Scan# 2865
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.3	21.0	31.4	
279	2.6	1.9	2.9	

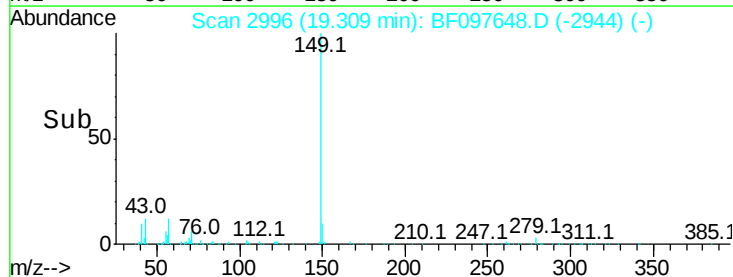
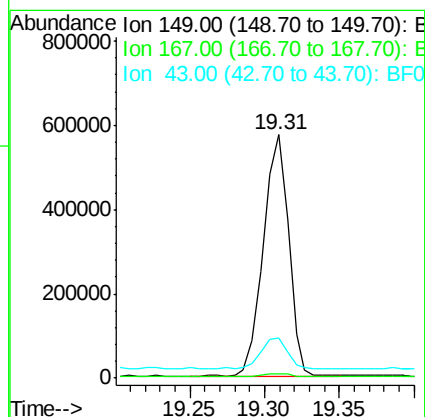
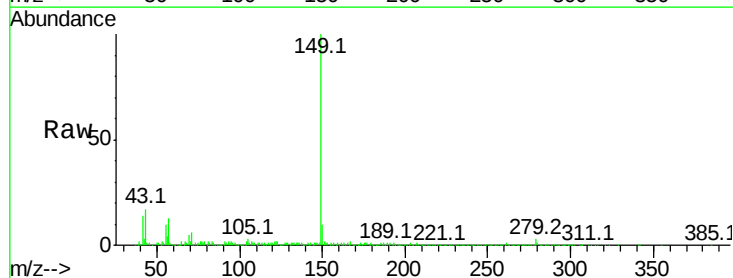
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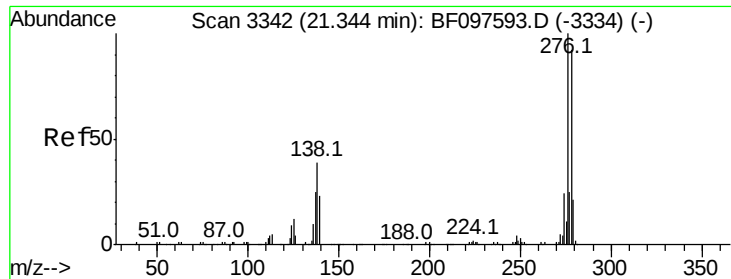
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#84
 Di-n-octyl phthalate
 Concen: 44.943 ng
 RT: 19.31 min Scan# 2996
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.4	8.5	12.7	





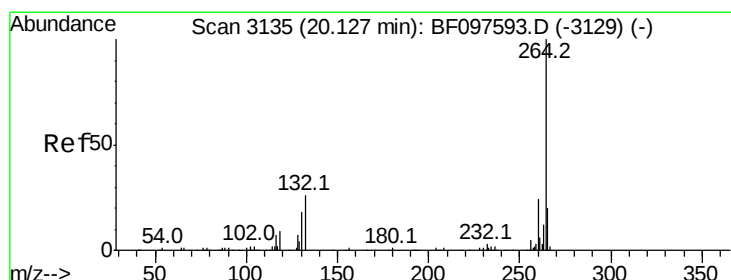
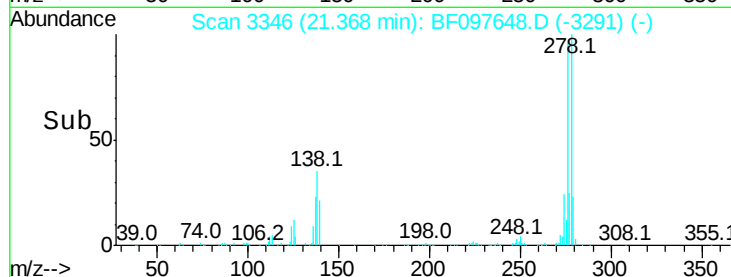
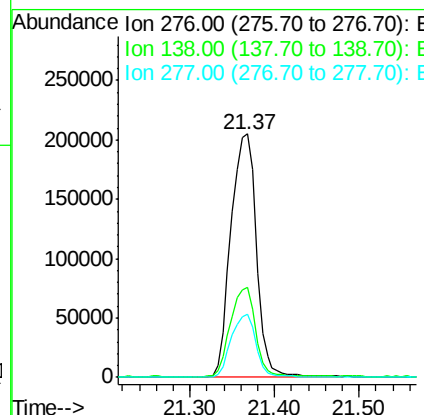
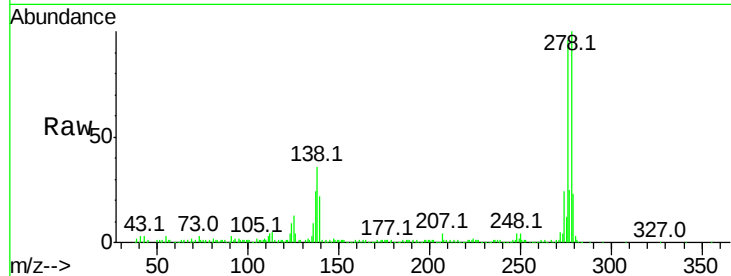
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.777 ng
 RT: 21.37 min Scan# 3346
 Delta R.T. 0.02 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	35.7	27.8	41.6	
277	25.5	20.2	30.4	

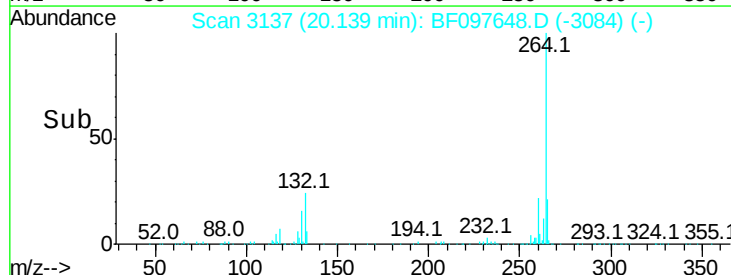
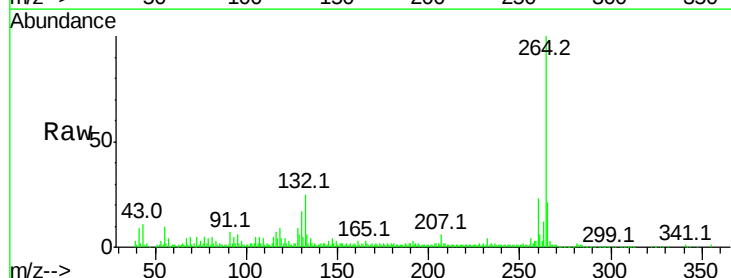
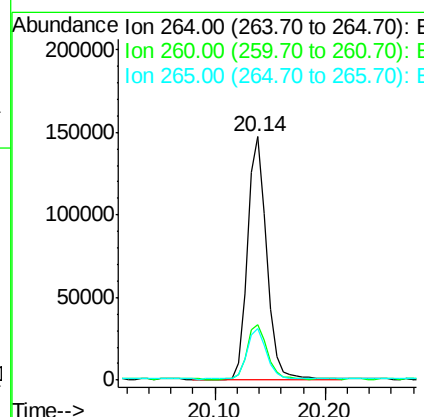
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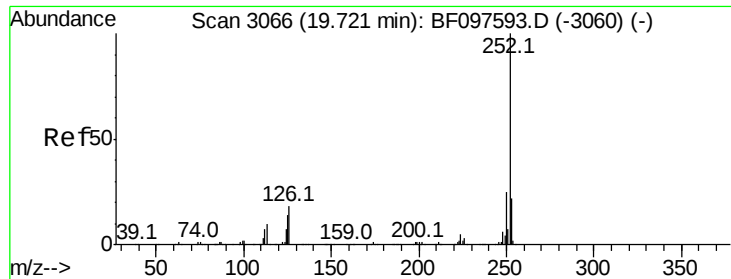
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.14 min Scan# 3137
 Delta R.T. 0.01 min
 Lab File: BF097648.D
 Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.6	19.5	29.3	
265	21.4	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 45.290 ng

RT: 19.73 min Scan# 3068

Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

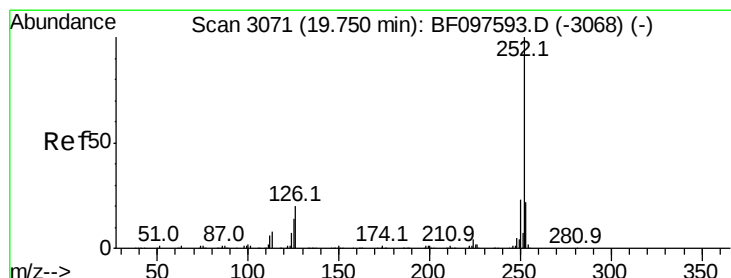
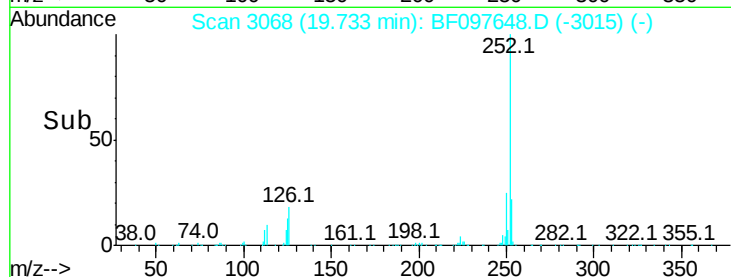
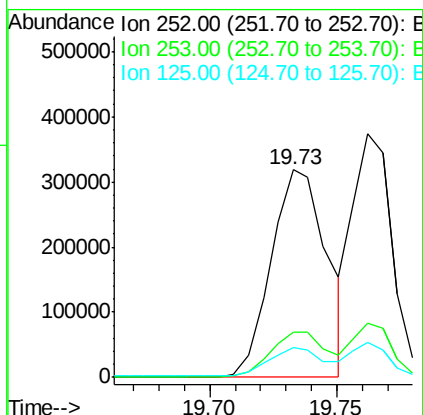
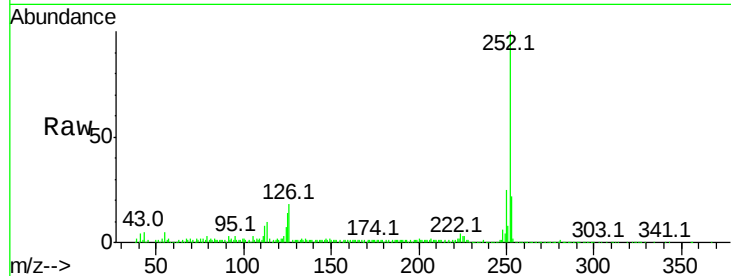
ClientSampled :

VE-4-11MS

Tot Ion:252	Resp:	485141
Ion Ratio	Lower	Upper
252 100		
253 22.0	18.1	27.1
125 14.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 37.980 ng

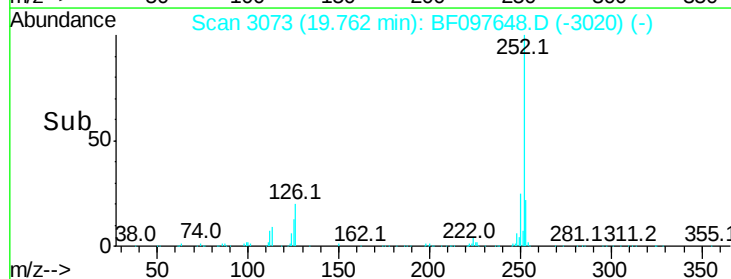
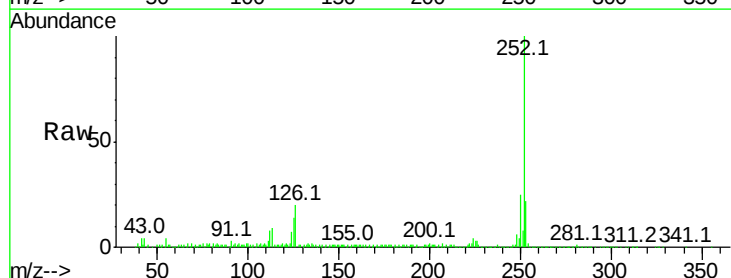
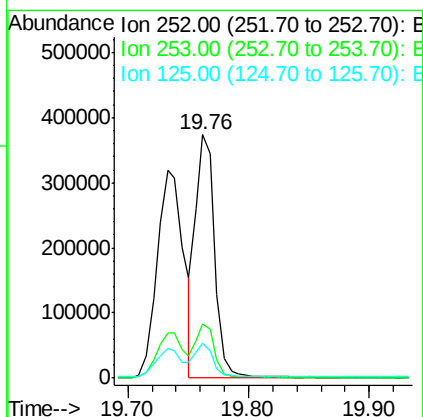
RT: 19.76 min Scan# 3073

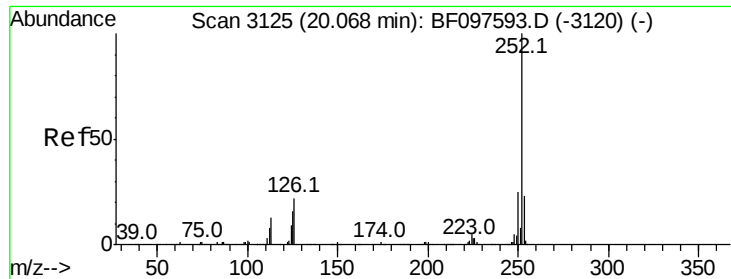
Delta R.T. 0.01 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Tgt Ion:252	Resp:	409745
Ion Ratio	Lower	Upper
252 100		
253 22.4	18.4	27.6
125 14.2	13.1	19.7





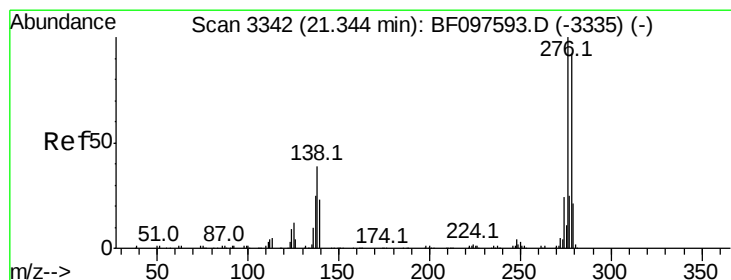
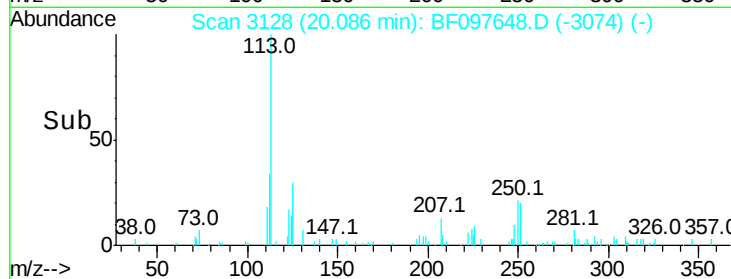
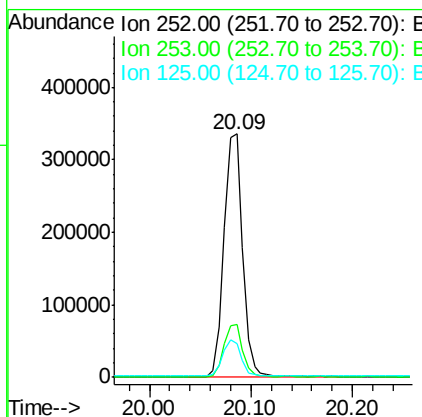
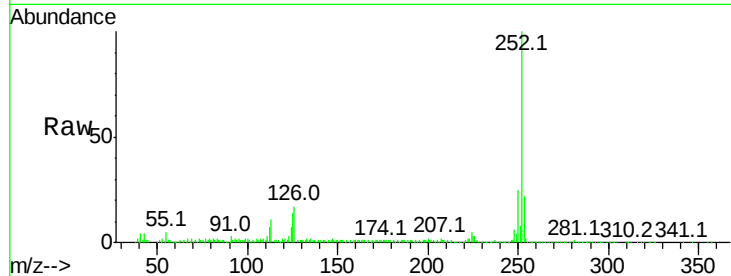
#89
Benzo(a)pyrene
Concen: 43.734 ng
RT: 20.09 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.7	11.0	16.4

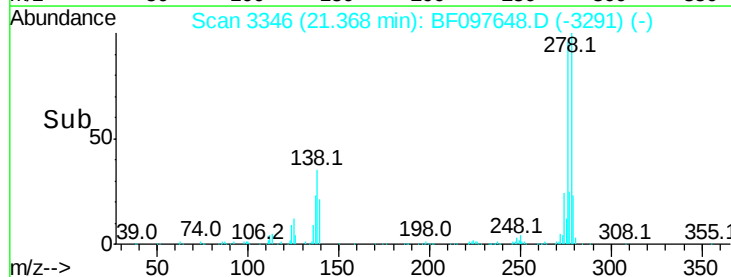
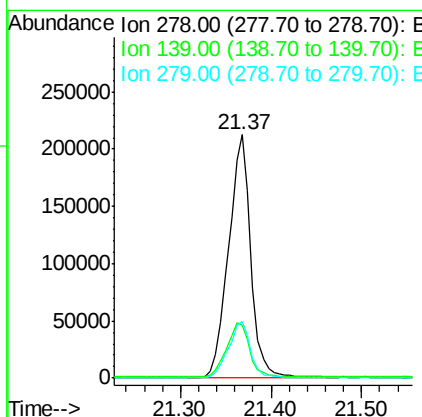
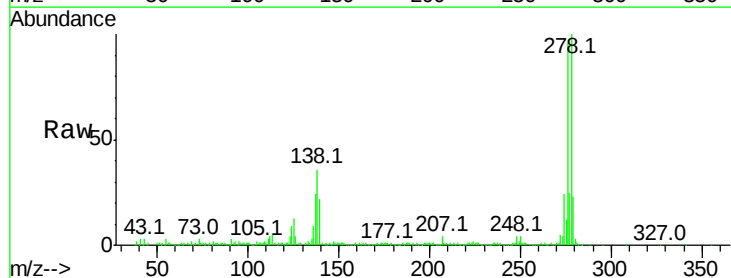
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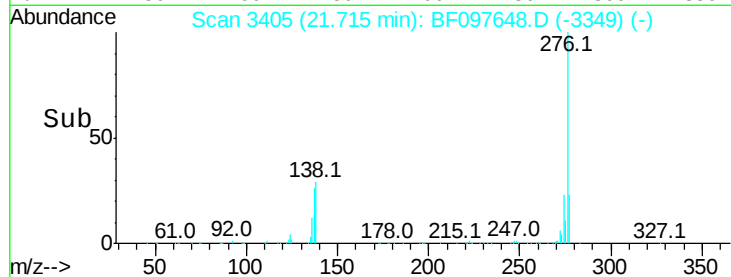
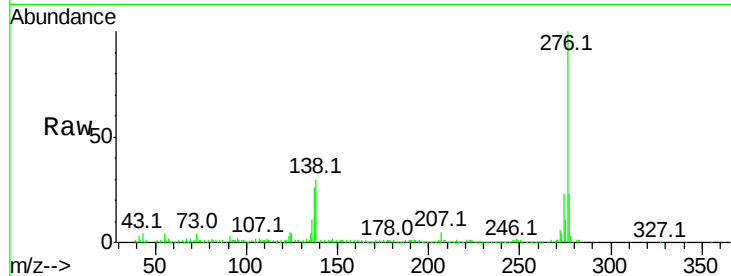
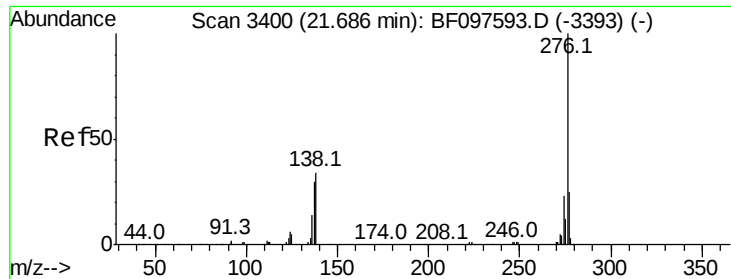
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#90
Dibenzo(a,h)anthracene
Concen: 51.843 ng
RT: 21.37 min Scan# 3346
Delta R.T. 0.02 min
Lab File: BF097648.D
Acq: 12 Aug 2017 22:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 46.383 ng

RT: 21.72 min Scan# 3405

Delta R.T. 0.03 min

Lab File: BF097648.D

Acq: 12 Aug 2017 22:34

Instrument :

BNA_F

ClientSampleId :

VE-4-11MS

Tot Ion: 276 Resp: 358196

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.6 25.4 38.0

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