

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097515.D
 Acq On : 9 Aug 2017 13:37
 Operator : SJ/JU
 Sample : I4646-06MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:17:21 PM

Quant Time: Aug 09 17:42:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	90446	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	340008	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	116562	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	180346	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	145652	20.00	ng	0.00
86) Perylene-d12	14.87	264	124068	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.00	112	518117	86.36	ng	0.00
7) Phenol-d6	6.09	99	619515	90.45	ng	0.00
23) Nitrobenzene-d5	6.98	82	336763	58.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	81624	88.63	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	496378	72.27	ng	0.00
78) Terphenyl-d14	12.49	244	379796	53.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	69303	27.680	ng	# 61
3) Pyridine	2.53	79	191865	25.025	ng	# 61
4) n-Nitrosodimethylamine	2.48	42	118014	27.785	ng	82
6) Aniline	6.07	93	202924	23.543	ng	98
8) 2-Chlorophenol	6.20	128	195452	30.466	ng	95
9) Benzaldehyde	5.96	77	94052	23.198	ng	97
10) Phenol	6.10	94	293219	36.091	ng	98
11) bis(2-Chloroethyl)ether	6.15	93	210791	32.804	ng	90
12) 1,3-Dichlorobenzene	6.35	146	192066	27.780	ng	98
13) 1,4-Dichlorobenzene	6.42	146	194711	28.418	ng	95
14) 1,2-Dichlorobenzene	6.57	146	177845	29.728	ng	98
15) Benzyl Alcohol	6.57	79	142073	32.762	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.70	45	405243	31.443	ng	92
17) 2-Methylphenol	6.72	107	148611	30.014	ng	98
18) Hexachloroethane	6.91	117	52244	20.842	ng	# 79
19) n-Nitroso-di-n-propylamine	6.84	70	132165	29.314	ng	# 80
20) 3+4-Methylphenols	6.87	107	191881	29.671	ng	# 62
22) Acetophenone	6.83	105	255476	31.288	ng	# 99
24) Nitrobenzene	7.00	77	183613	30.418	ng	96
25) Isophorone	7.24	82	325838	28.707	ng	99
26) 2-Nitrophenol	7.32	139	70972	21.732	ng	# 87
27) 2,4-Dimethylphenol	7.38	122	157117	29.165	ng	96
28) bis(2-Chloroethoxy)methane	7.46	93	227558	30.722	ng	98
29) 2,4-Dichlorophenol	7.59	162	135348	29.164	ng	95
30) 1,2,4-Trichlorobenzene	7.64	180	125853	28.451	ng	96
31) Naphthalene	7.71	128	486308	30.342	ng	100
32) Benzoic acid	7.52	122	17454	4.339	ng	95
33) 4-Chloroaniline	7.79	127	137696	21.114	ng	98
34) Hexachlorobutadiene	7.83	225	66619	28.407	ng	97
35) Caprolactam	8.14	113	41421	27.834	ng	# 50
36) 4-Chloro-3-methylphenol	8.29	107	136759	27.011	ng	88
37) 2-Methylnaphthalene	8.40	142	306854	30.238	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	106748	34.322	ng	99
40) Hexachlorocyclopentadiene	8.55	237	307m	6.850	ng	

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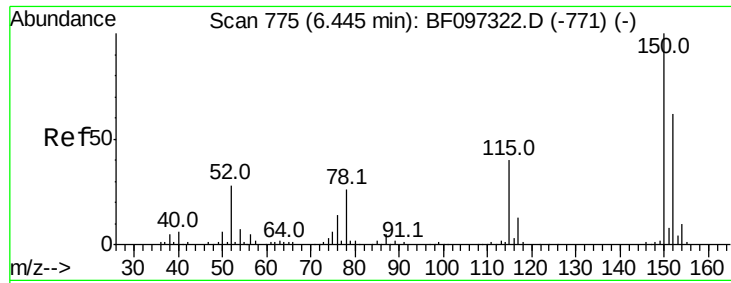
Manual Integrations
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 8/9/2017 7:17:21 PM

Quant Time: Aug 09 17:42:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	71702	31.813	nq	97
43) 2,4,5-Trichlorophenol	8.76	196	67204	29.790	nq	97
45) 1,1'-Biphenyl	8.86	154	330577	33.204	nq	97
46) 2-Chloronaphthalene	8.89	162	247650	33.802	nq	# 92
47) 2-Nitroaniline	9.00	65	97577	36.698	nq	97
48) Acenaphthylene	9.29	152	347293	30.883	nq	99
49) Dimethylphthalate	9.17	163	356825	40.312	nq	99
50) 2,6-Dinitrotoluene	9.24	165	47654	25.384	nq	# 64
51) Acenaphthene	9.46	154	206838	31.225	nq	98
52) 3-Nitroaniline	9.41	138	74484	31.964	nq	95
54) Dibenzofuran	9.64	168	313555	35.538	nq	93
55) 4-Nitrophenol	9.63	139	27476m	19.827	nq	
56) 2,4-Dinitrotoluene	9.66	165	59339	27.495	nq	# 82
57) Fluorene	9.98	166	243235	36.679	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	53569	34.391	nq	# 97
59) Diethylphthalate	9.87	149	285226	35.123	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	101026	36.893	nq	94
61) 4-Nitroaniline	10.02	138	78814	35.595	nq	91
62) Azobenzene	10.13	77	274821	36.480	nq	93
64) 4,6-Dinitro-2-methylphenol	10.08	198	2721	2.428	nq	# 50
65) n-Nitrosodiphenylamine	10.10	169	211234	33.663	nq	100
66) 4-Bromophenyl-phenylether	10.46	248	61561	34.204	nq	95
67) Hexachlorobenzene	10.53	284	60206	29.830	nq	# 90
68) Atrazine	10.63	200	48786	27.113	nq	93
69) Pentachlorophenol	10.74	266	29485	35.308	nq	94
70) Phenanthrene	10.93	178	350114	36.232	nq	100
71) Anthracene	10.98	178	353408	35.709	nq	99
72) Carbazole	11.15	167	338520	34.779	nq	97
73) Di-n-butylphthalate	11.49	149	413439	34.362	nq	98
74) Fluoranthene	12.11	202	360055	38.035	nq	97
76) Benzidine	12.24	184	146754	27.155	nq	# 92
77) Pyrene	12.33	202	346523	29.061	nq	98
79) Butylbenzylphthalate	12.97	149	189595	31.258	nq	# 81
80) Benzo(a)anthracene	13.52	228	268246	28.463	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	98787	27.796	nq	# 96
82) Chrysene	13.56	228	266792	28.991	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	226579	28.611	nq	99
84) Di-n-octyl phthalate	14.14	149	380673	26.193	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.06	276	188104	23.838	nq	96
87) Benzo(b)fluoranthene	14.52	252	215502m	28.895	nq	
88) Benzo(k)fluoranthene	14.54	252	224984	31.657	nq	96
89) Benzo(a)pyrene	14.82	252	204245	29.923	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	158432	28.304	nq	97
91) Benzo(g,h,i)perylene	16.42	276	154152	26.262	nq	97

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



#1

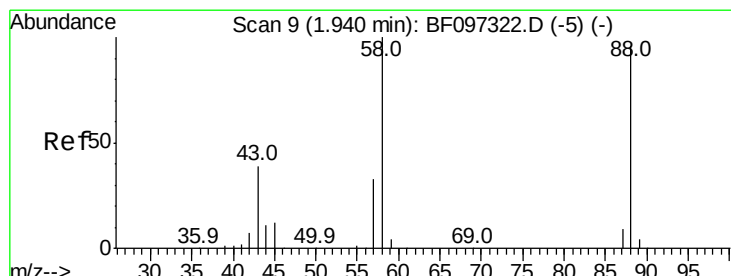
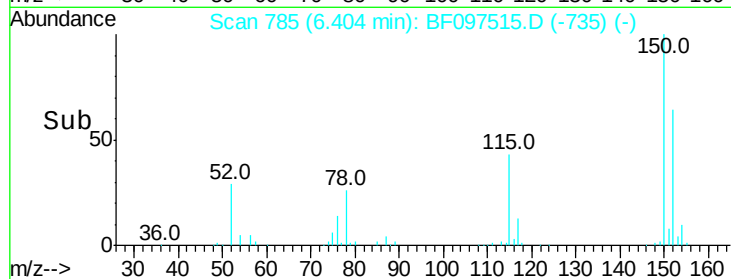
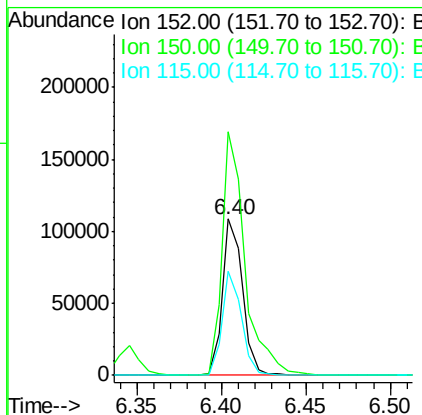
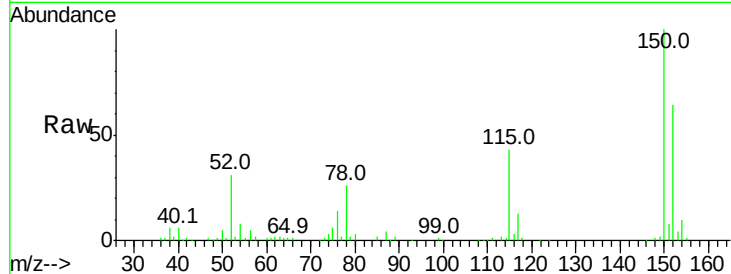
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	66.7	52.2	78.2

Manual Integrations
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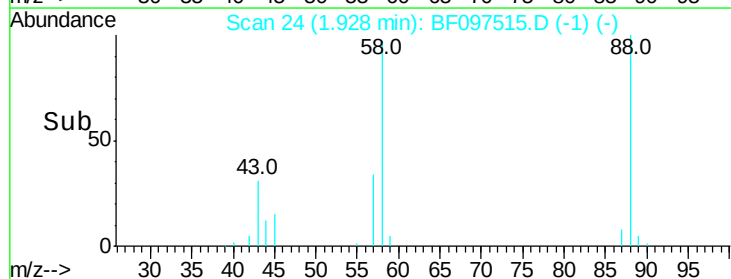
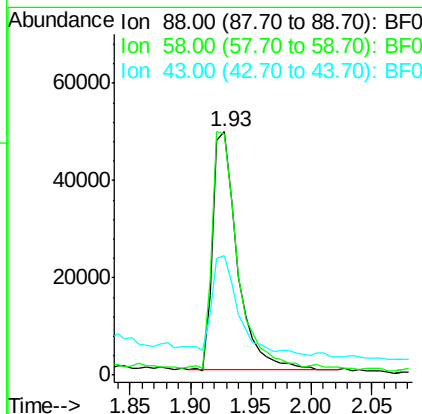
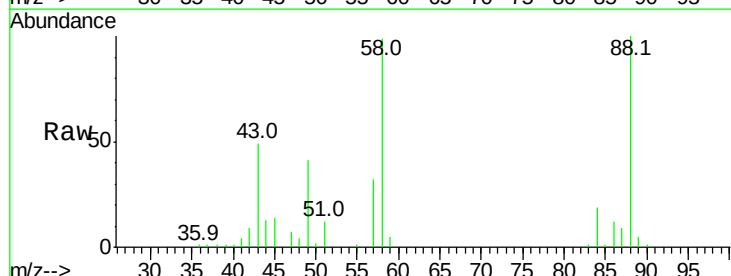
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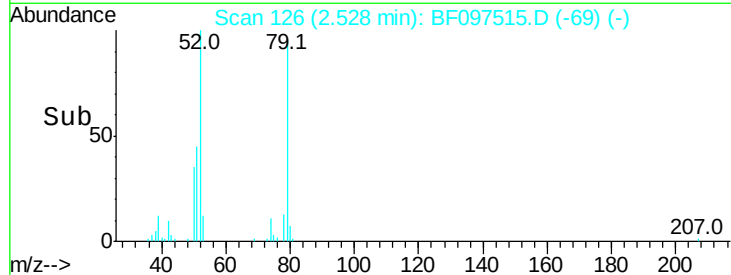
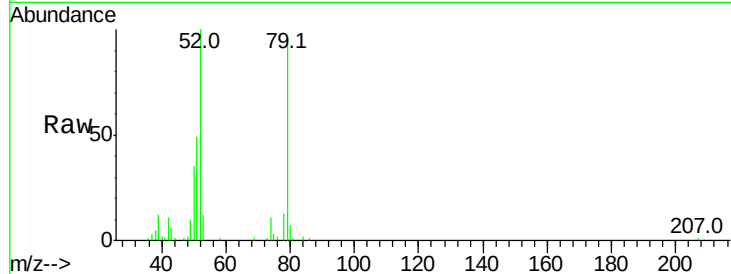
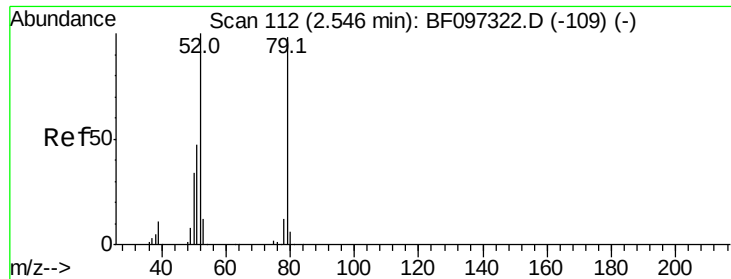


#2

1,4-Dioxane
Concen: 27.680 ng
RT: 1.93 min Scan# 24
Delta R.T. 0.03 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	112.2	61.4	92.0#
43	46.5	23.4	35.0#





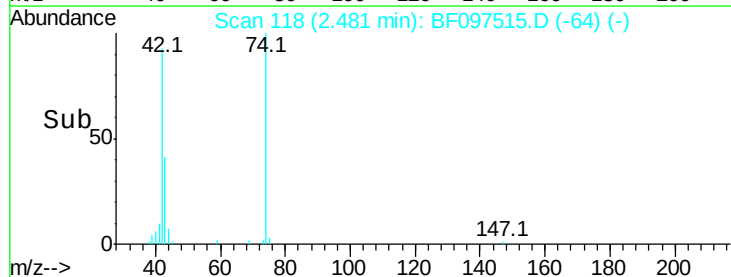
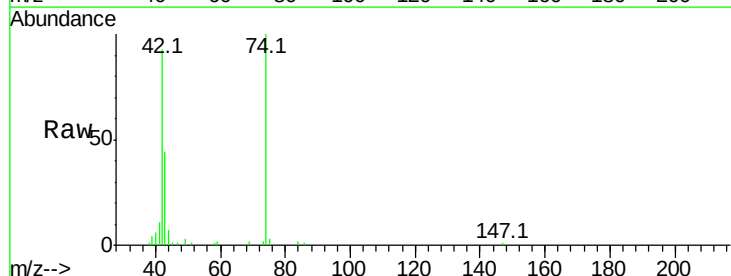
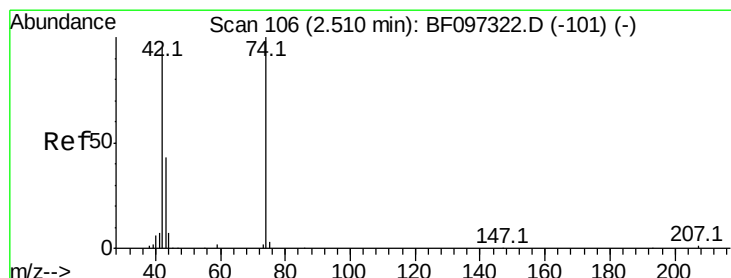
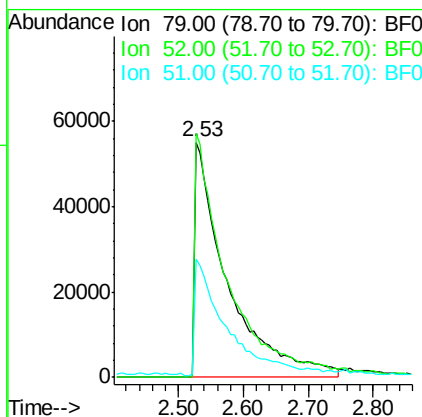
#3
Pvridine
Concen: 25.025 ng
RT: 2.53 min Scan# 126
Delta R.T. 0.04 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.7	54.8	82.2#		
51	50.3	27.0	40.4#		

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

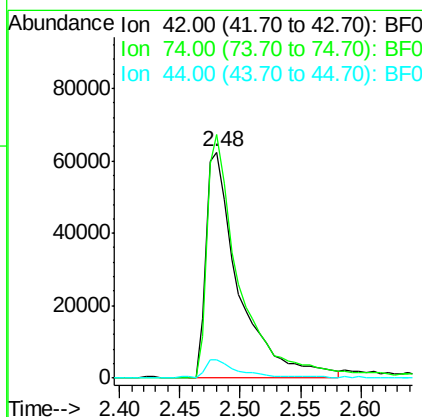
Manual Integrations
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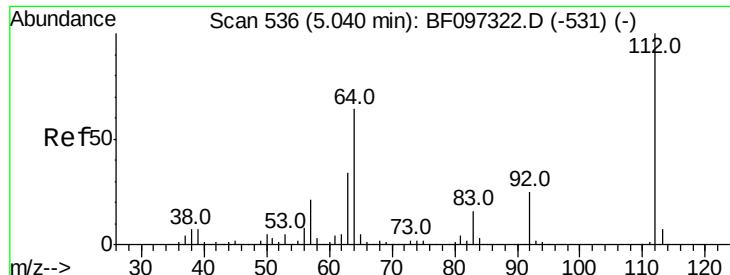
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#4
n-Nitrosodimethylamine
Concen: 27.785 ng
RT: 2.48 min Scan# 118
Delta R.T. 0.02 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.7	103.9	155.9		
44	8.0	5.7	8.5		





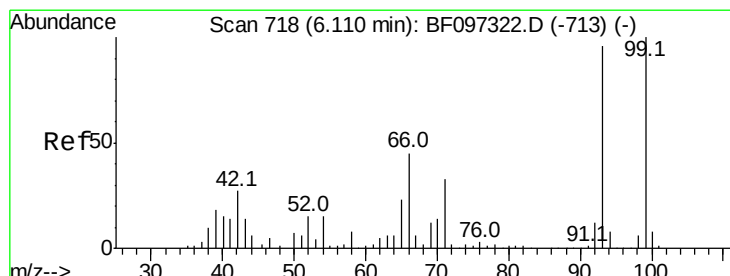
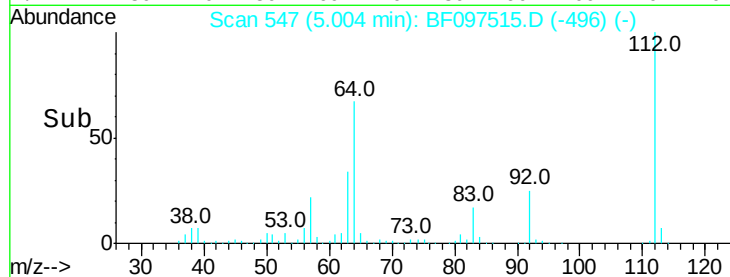
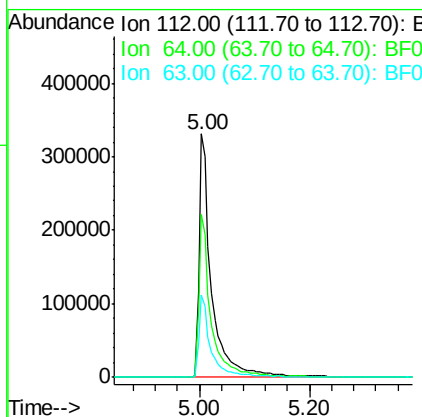
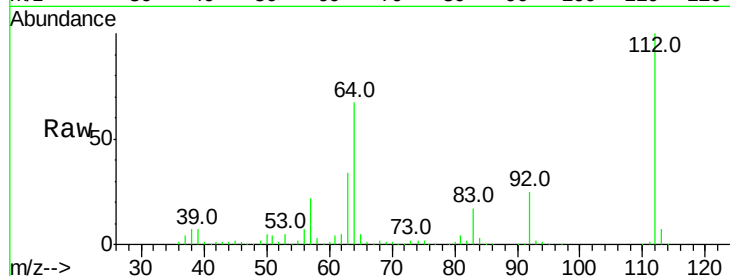
#5
 2-Fluorophenol
 Concen: 86.356 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion:	112	Resp:	518117
Ion Ratio	Lower	Upper	
112	100		
64	67.1	46.0	69.0
63	33.9	23.4	35.0

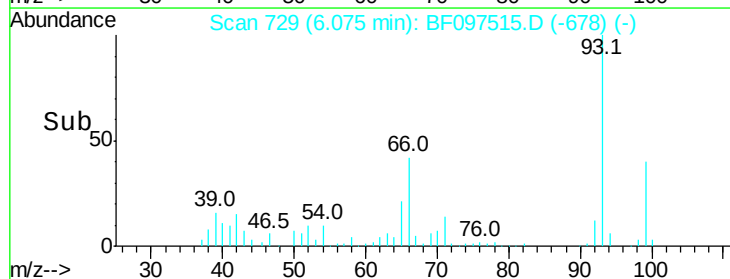
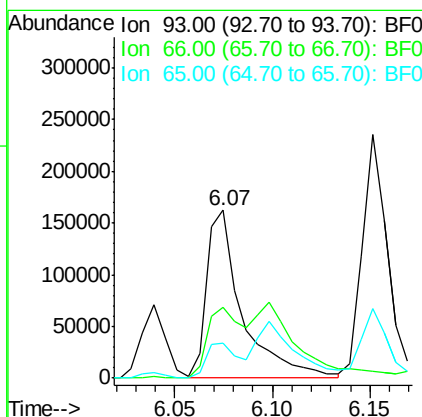
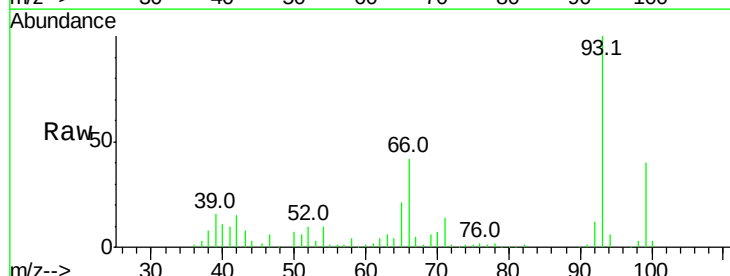
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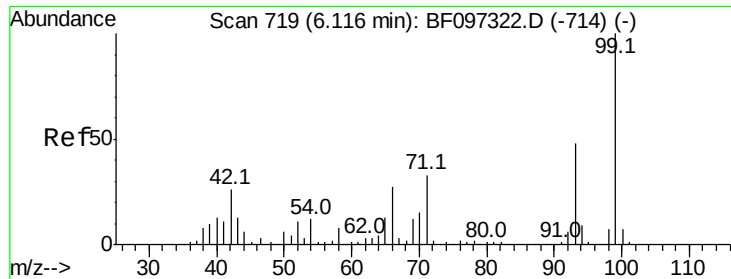
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#6
 Aniline
 Concen: 23.543 ng
 RT: 6.07 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion:	93	Resp:	202924
Ion Ratio	Lower	Upper	
93	100		
66	42.2	32.9	49.3
65	21.1	16.0	24.0





#7

Phenol-d6

Concen: 90.447 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

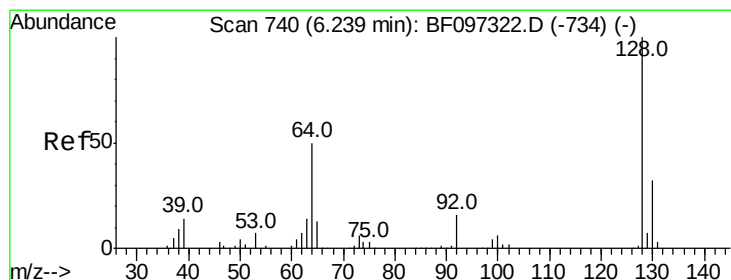
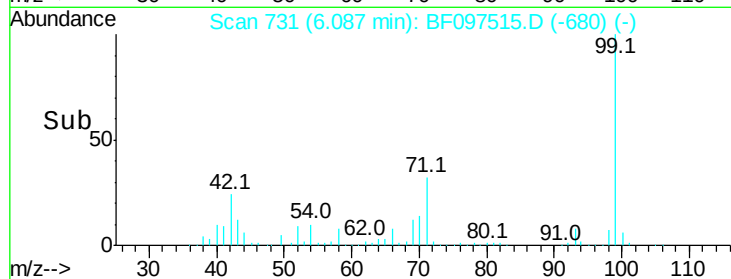
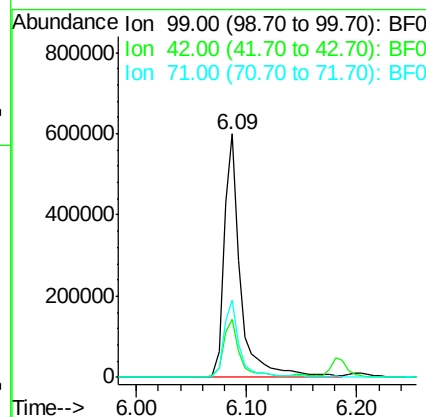
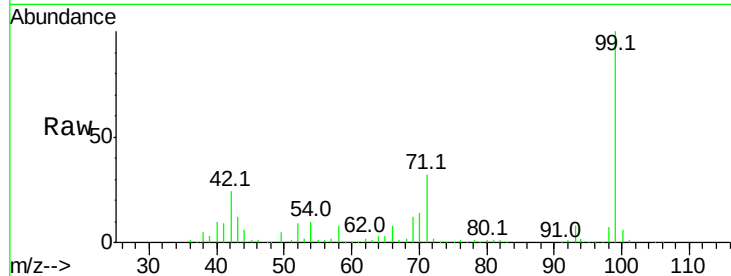
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	99	Resp	619515
Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	31.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 30.466 ng

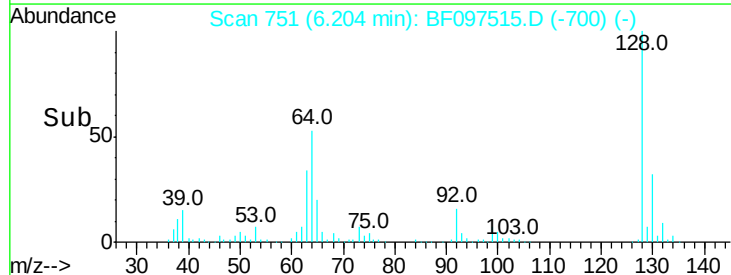
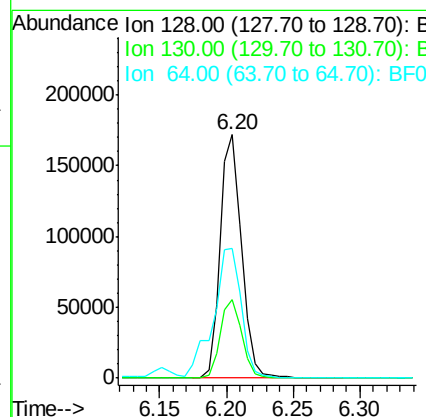
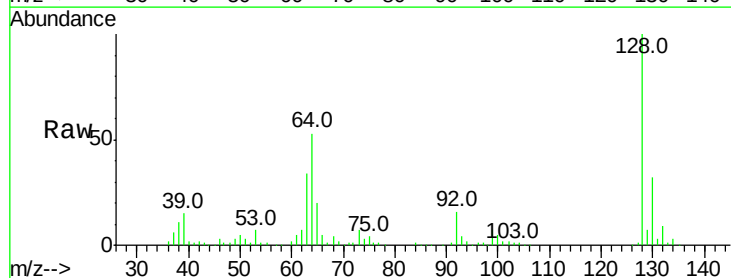
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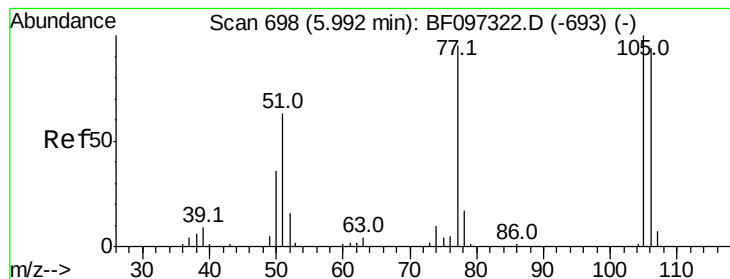
Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion	128	Resp	195452
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	53.3	28.4	68.4





#9

Benzaldehyde

Concen: 23.198 ng

RT: 5.96 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESWMSD

Tot Ion: 77 Resp: 94052

Ion Ratio Lower Upper

77 100

105 100.4 83.8 123.8

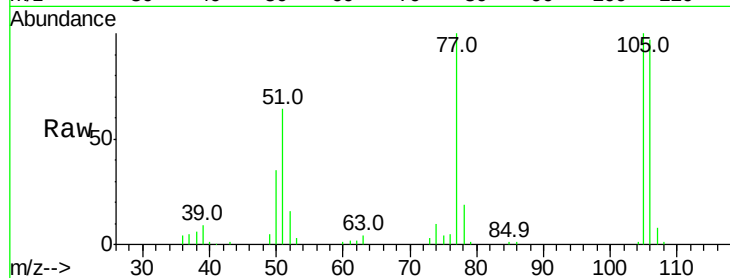
106 97.3 79.1 119.1

Manual Integrations

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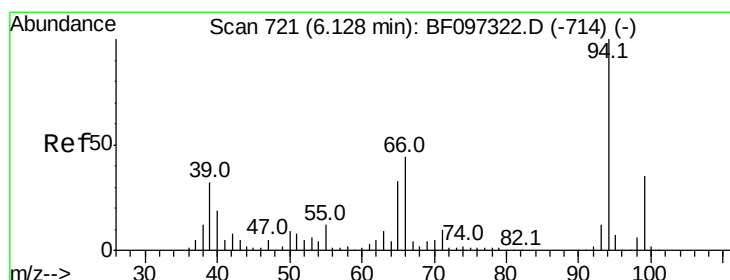
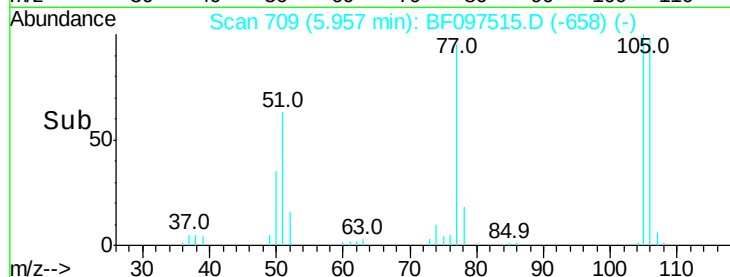
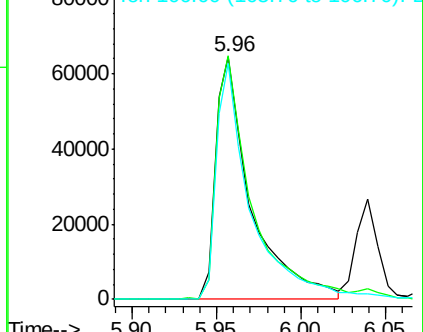
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.091 ng

RT: 6.10 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

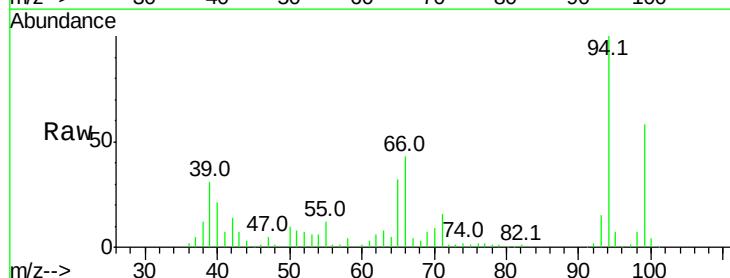
Tgt Ion: 94 Resp: 293219

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

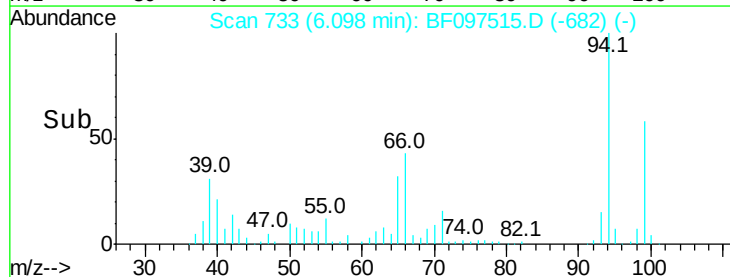
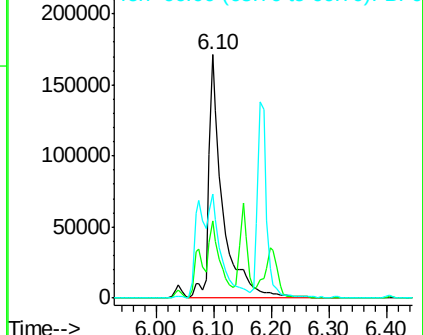
66 42.8 23.1 63.1

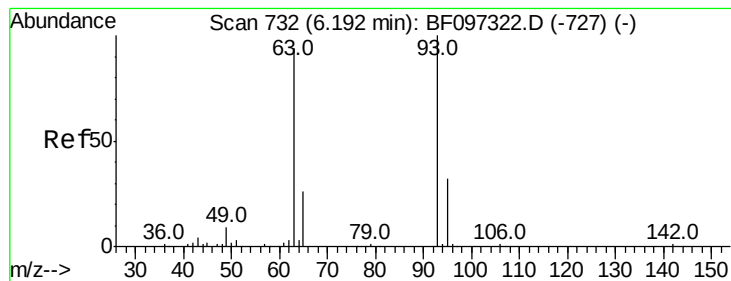


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





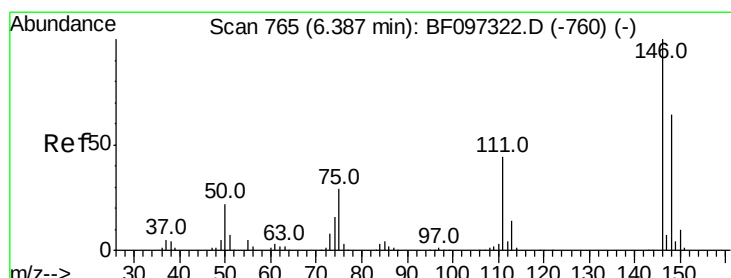
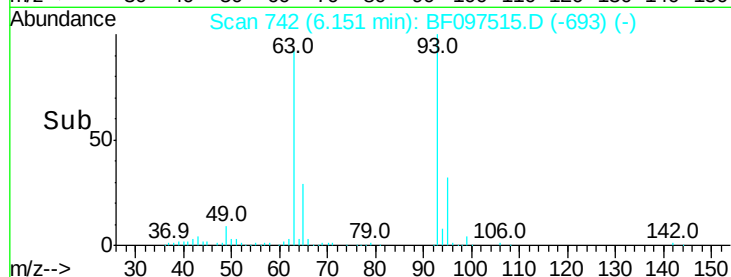
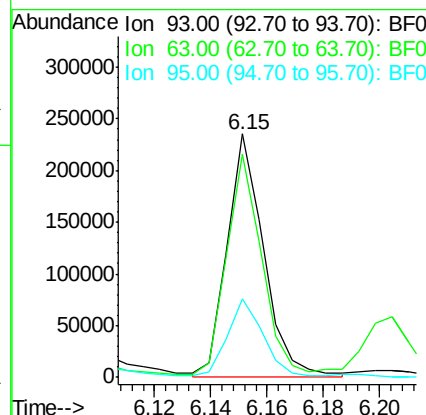
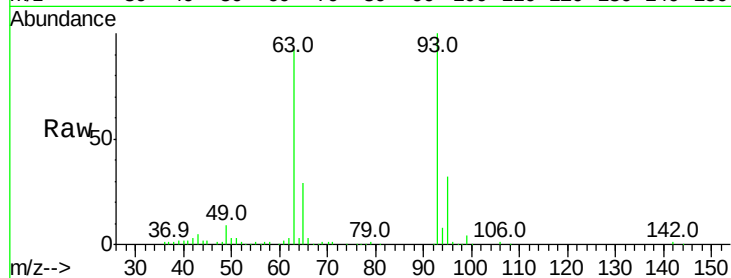
#11
bis(2-Chloroethyl)ether
Concen: 32.804 ng
RT: 6.15 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	93	Resp	210791
Ion Ratio	100	Lower	Upper
93	100		
63	91.8	59.2	99.2
95	32.3	12.8	52.8

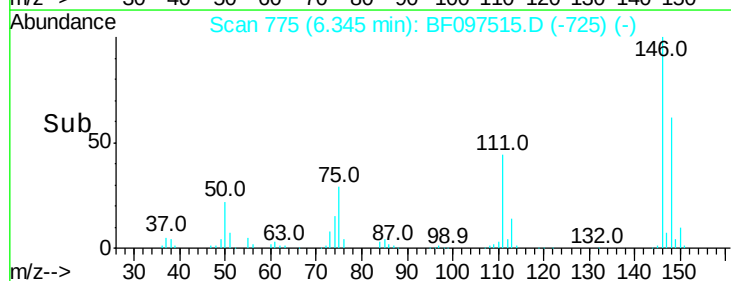
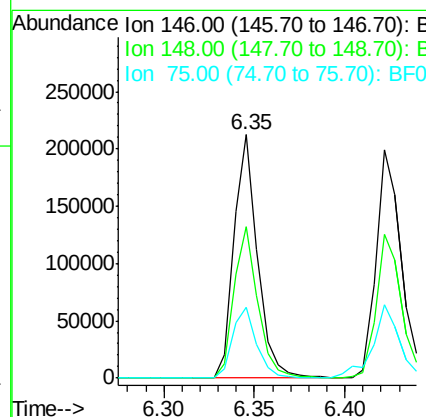
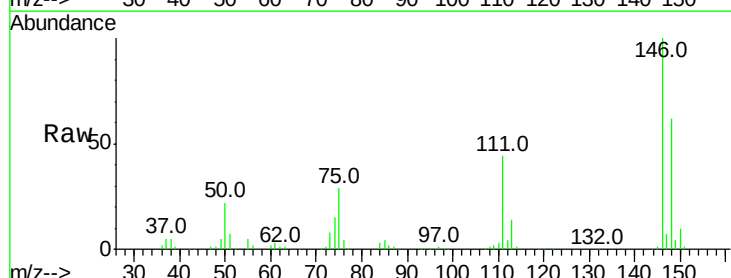
Manual Integrations
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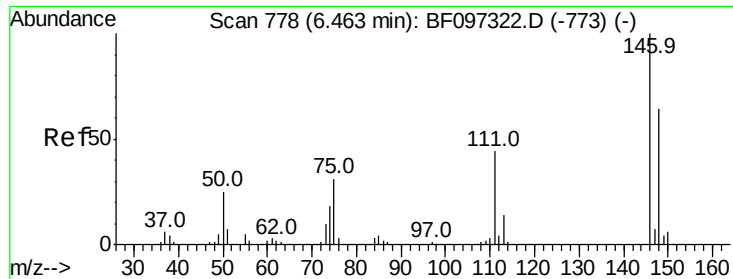
Sohil
8/9/2017 7:17:21 PM



#12
1,3-Dichlorobenzene
Concen: 27.780 ng
RT: 6.35 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	146	Resp	192066
Ion Ratio	100	Lower	Upper
146	100		
148	62.2	51.8	77.6
75	29.2	23.1	34.7





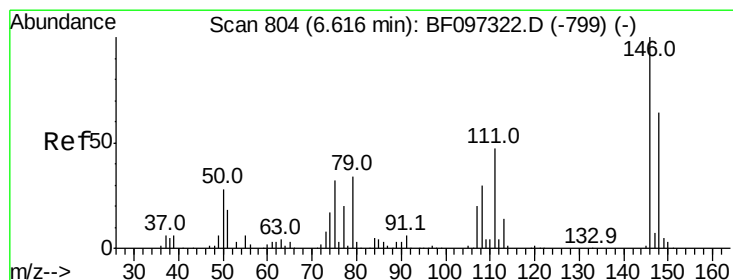
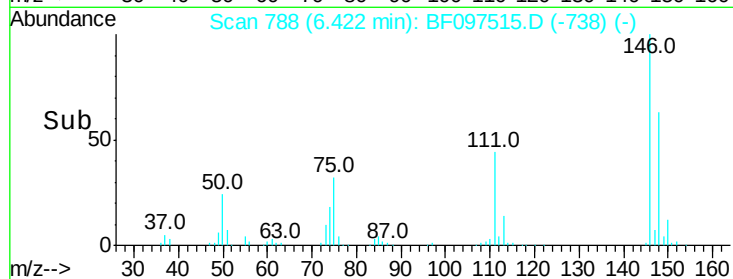
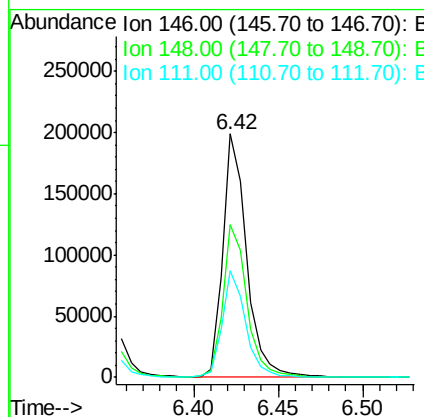
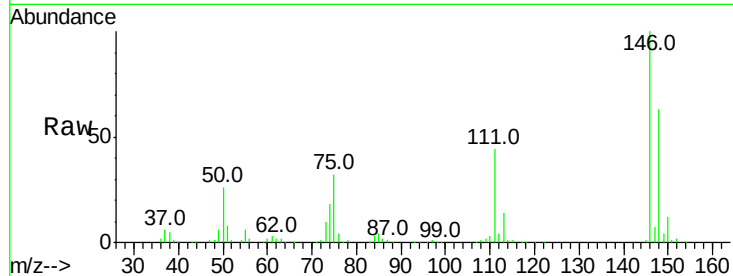
#13
 1,4-Dichlorobenzene
 Concen: 28.418 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	43.8	30.3	45.5

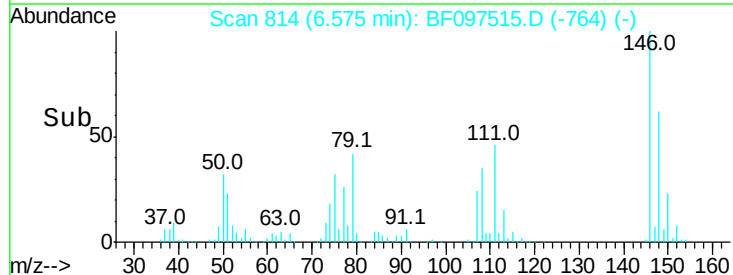
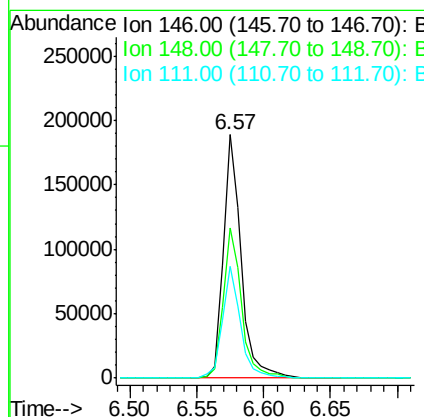
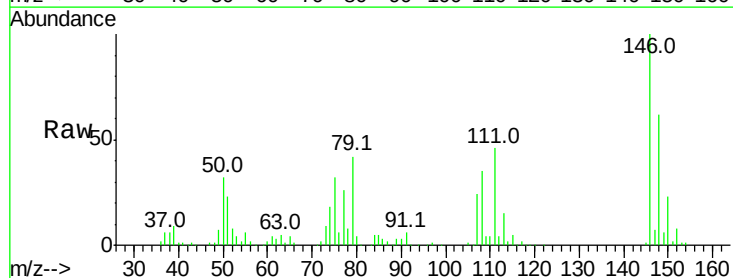
Manual Integrations
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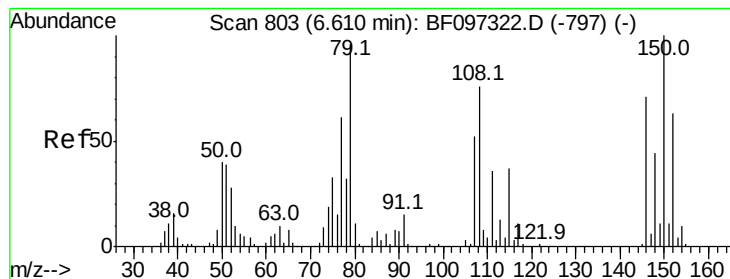
Sohil
 8/9/2017 7:17:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 29.728 ng
 RT: 6.57 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.4	75.6
111	45.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 32.762 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESWMSD

Tot Ion: 79 Resp: 142073

Ion Ratio Lower Upper

79 100

108 83.2 63.4 95.0

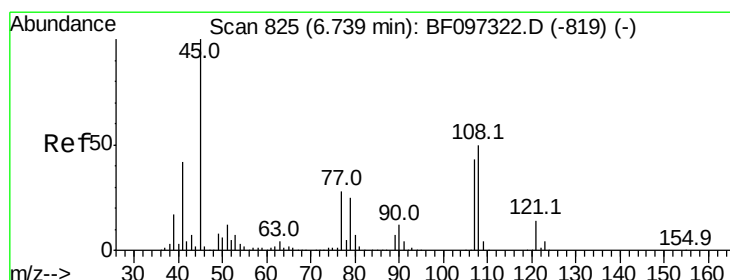
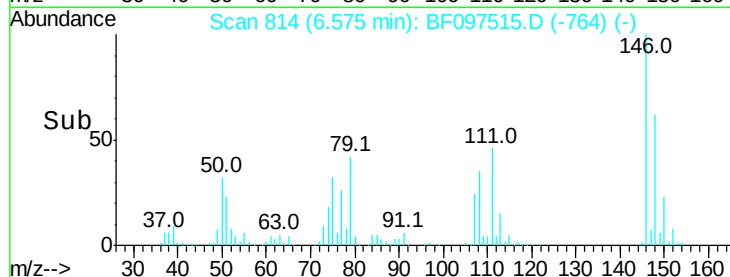
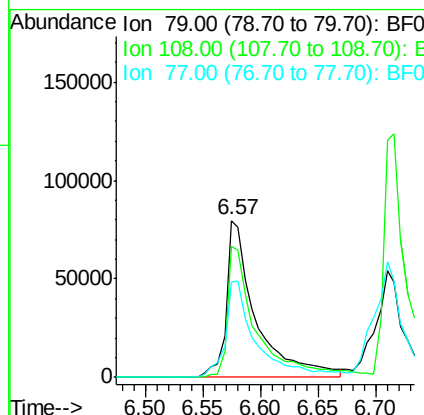
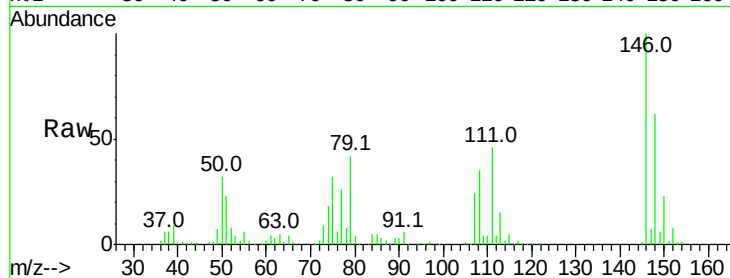
77 60.6 49.2 73.8

Manual Integrations

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8/9/2017 7:17:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.443 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

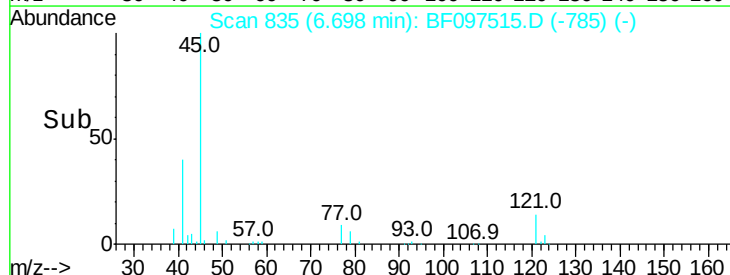
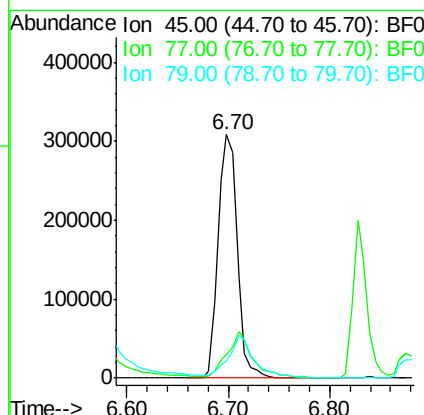
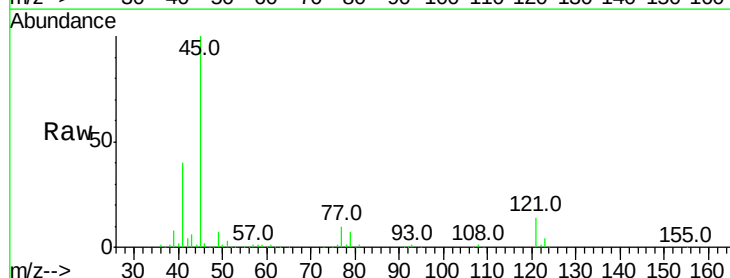
Tgt Ion: 45 Resp: 405243

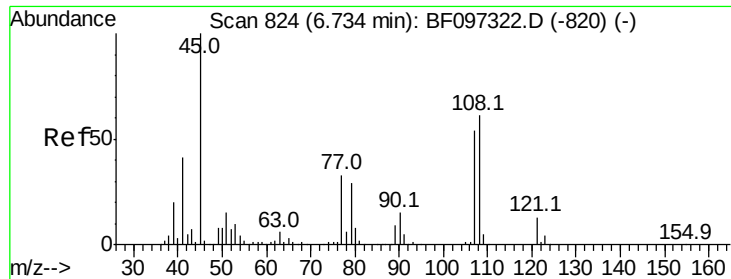
Ion Ratio Lower Upper

45 100

77 9.7 0.0 33.2

79 7.2 0.0 30.0





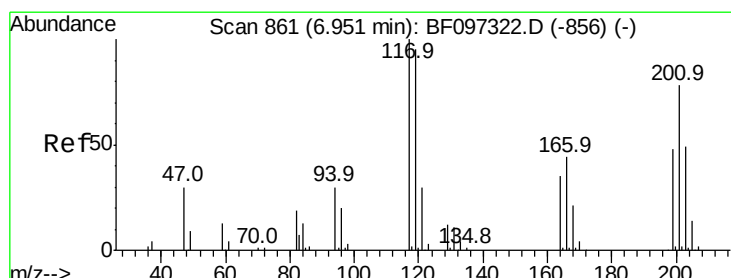
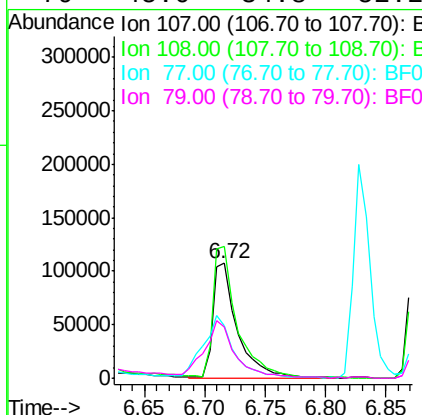
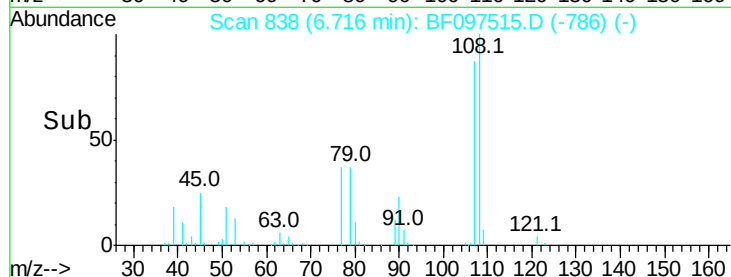
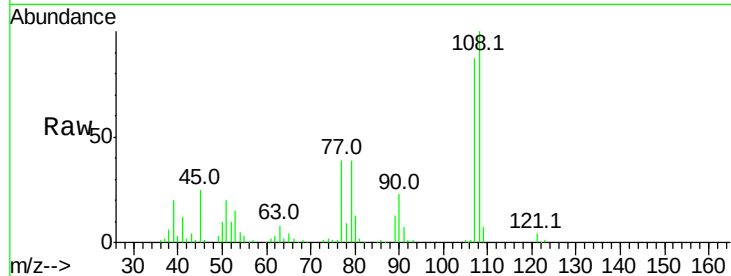
#17
2-Methylphenol
Concen: 30.014 ng
RT: 6.72 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	93.4	140.0	
77	45.5	35.8	53.6	
79	45.0	34.8	52.2	

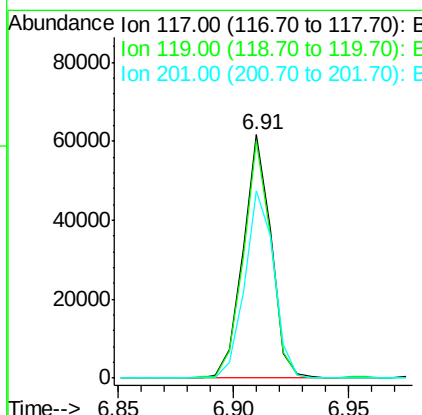
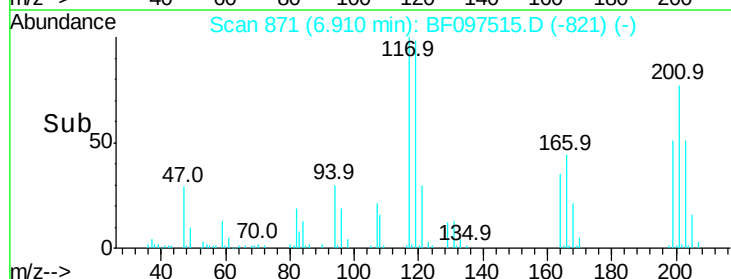
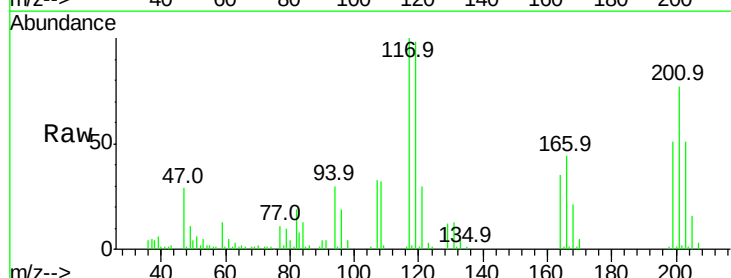
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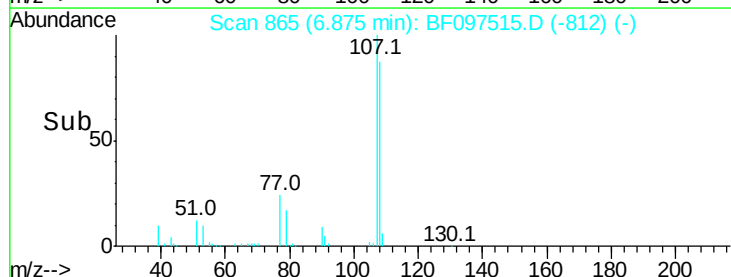
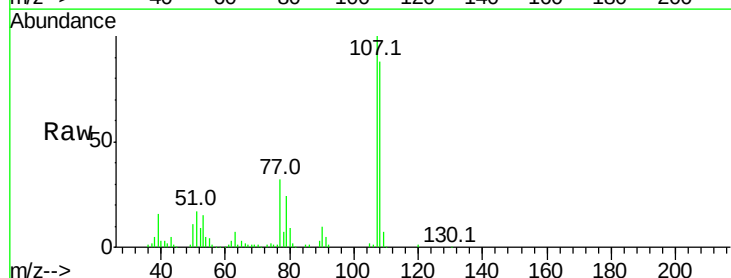
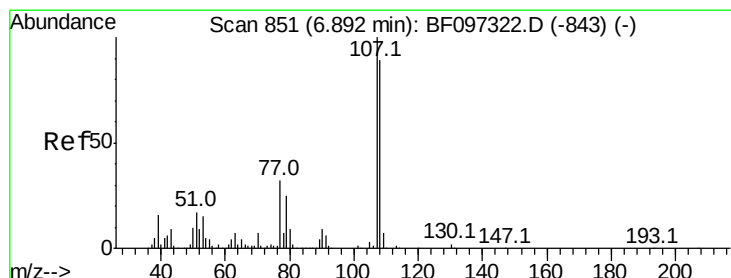
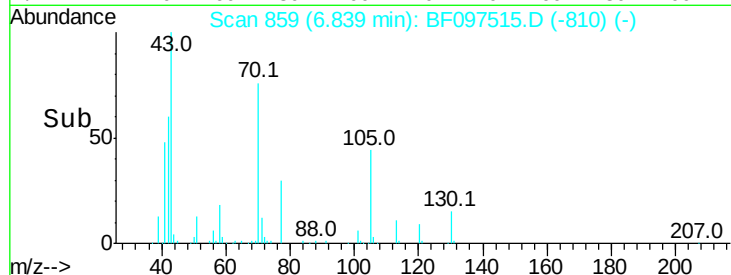
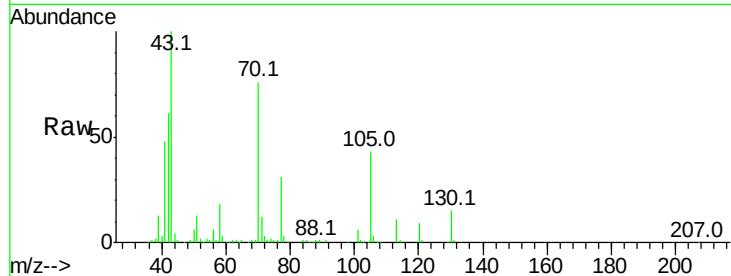
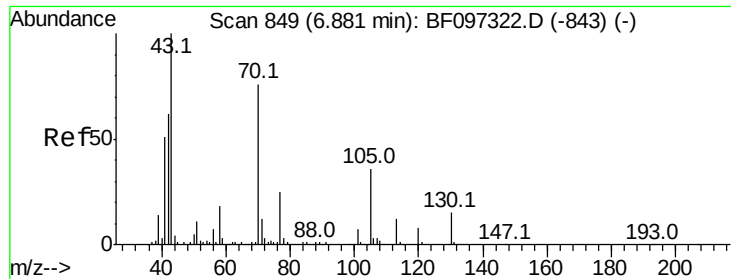
Sohil
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#18
Hexachloroethane
Concen: 20.842 ng
RT: 6.91 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.4	116.0	
201	76.7	94.6	141.8#	





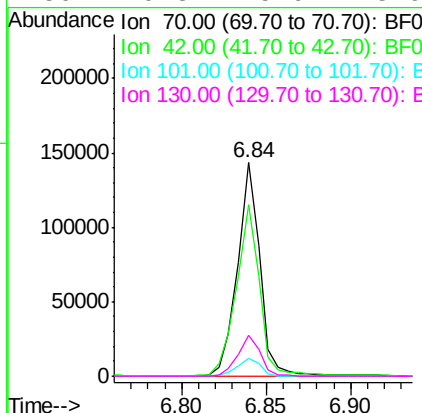
#19
n-Nitroso-di-n-propylamine
Concen: 29.314 ng
RT: 6.84 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.4	47.2	70.8#
101	8.6	7.2	10.8
130	19.3	15.9	23.9

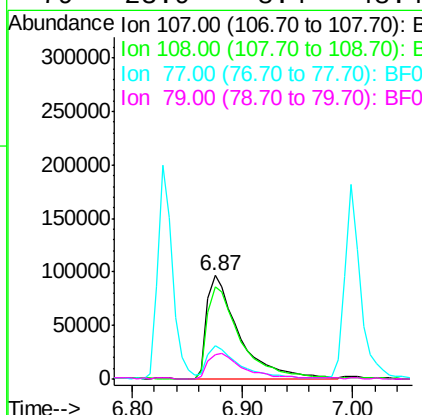
Manual Integrations
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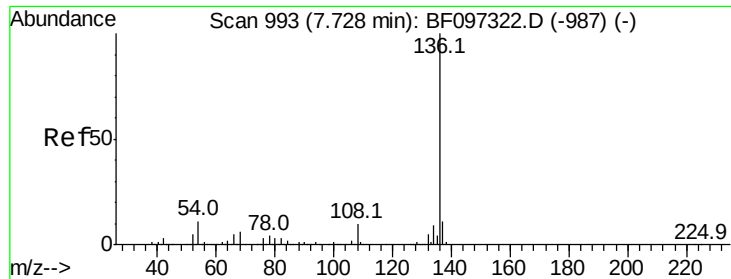
Sohil
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#20
3+4-Methylphenols
Concen: 29.671 ng
RT: 6.87 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.0	111.0
77	32.0	90.5	130.5#
79	23.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

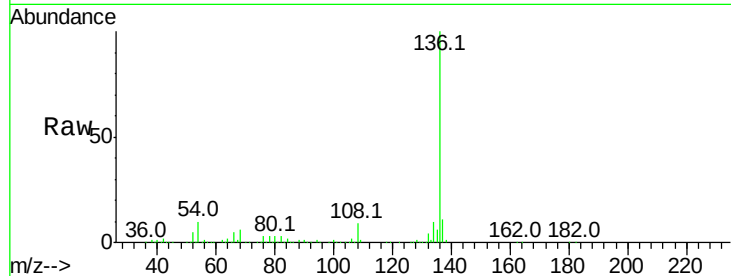
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	9.7	4.9	7.3	
68	5.6	4.1	6.1	

Manual Integrations
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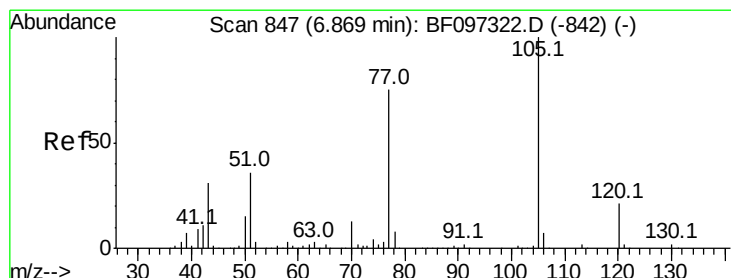
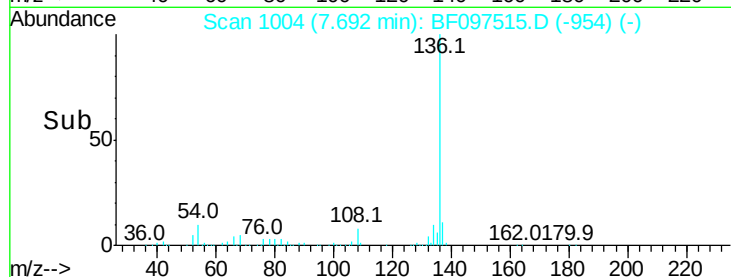
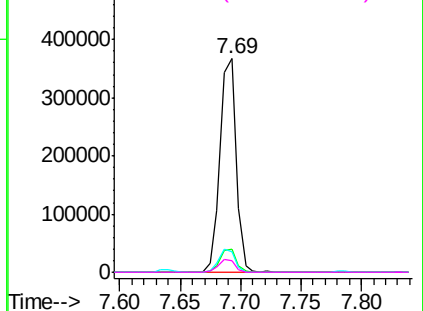


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.288 ng

RT: 6.83 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

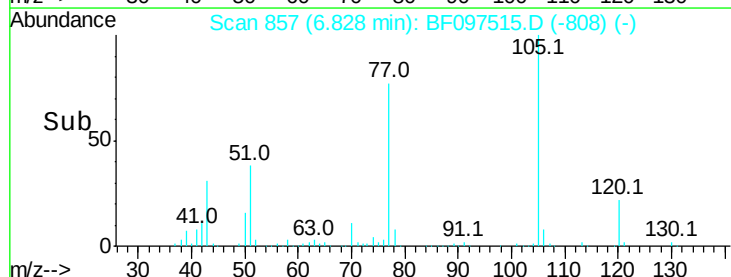
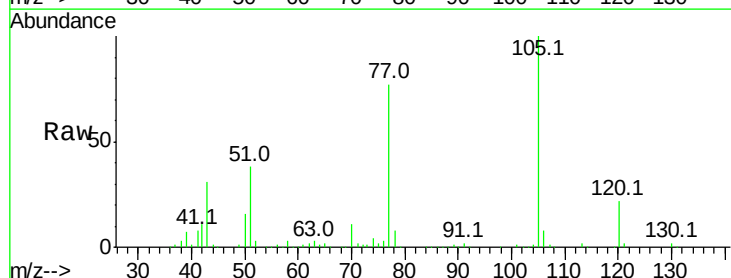
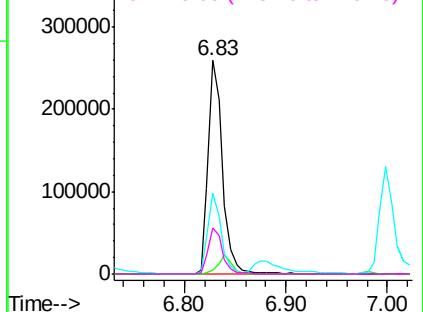
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	2.8	4.2	
51	38.0	30.7	46.1	
120	21.6	17.4	26.0	

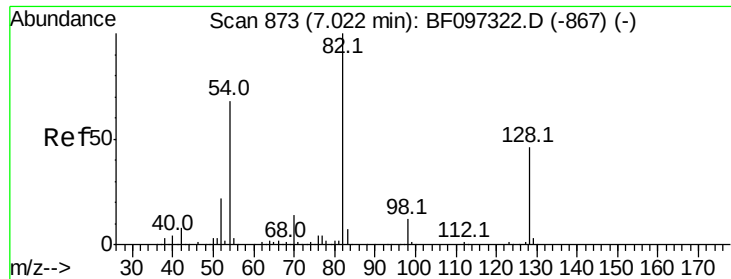
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





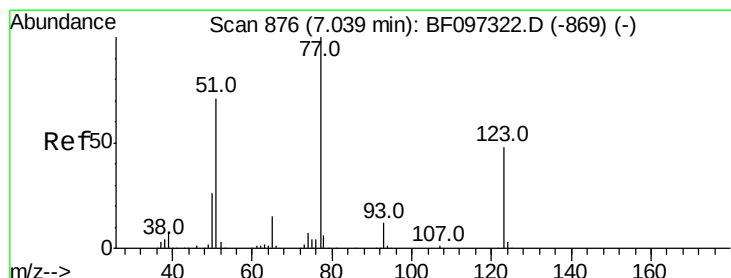
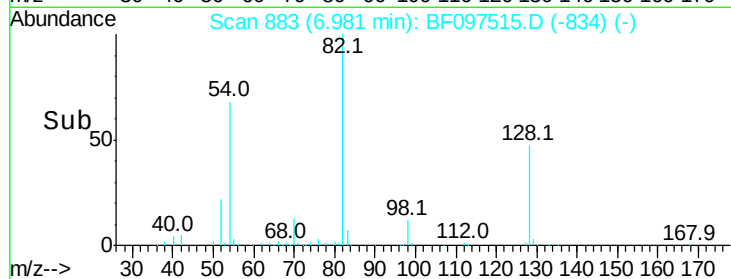
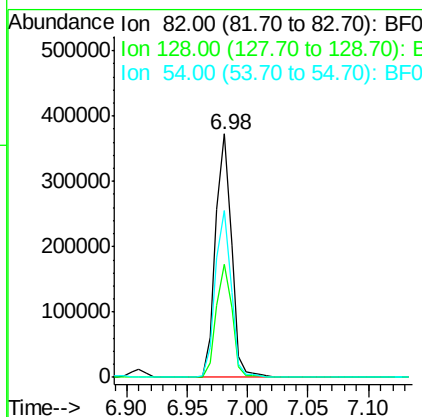
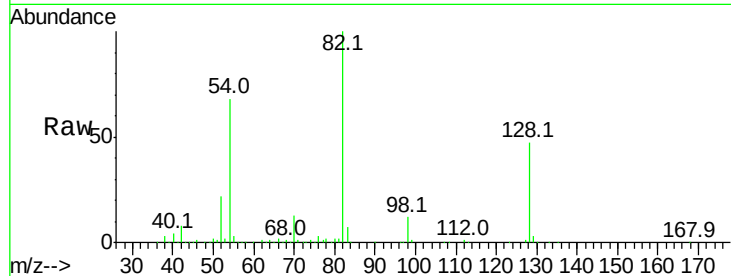
#23
Nitrobenzene-d5
Concen: 58.104 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.0	51.0	
54	68.4	42.2	63.2	

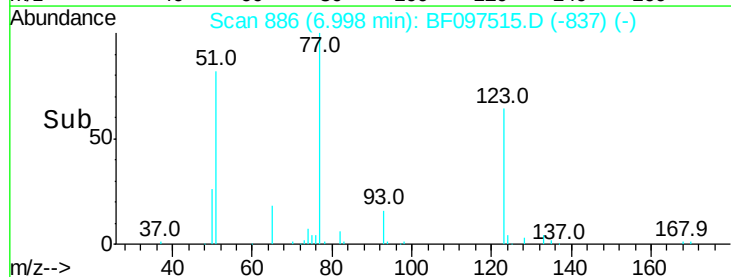
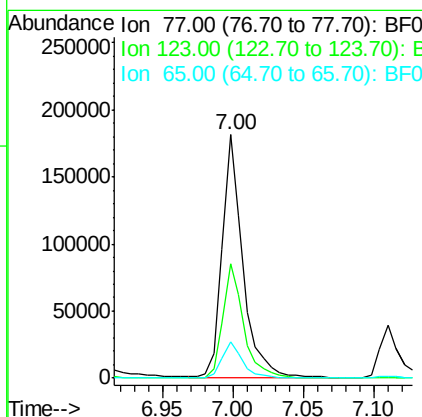
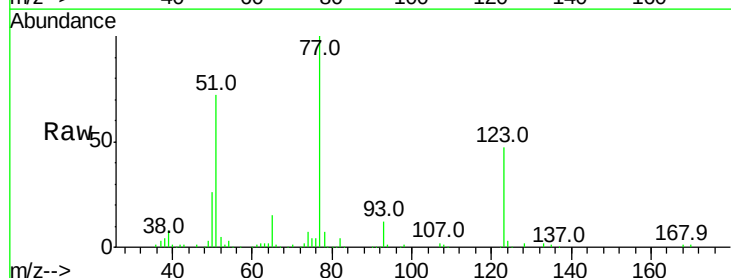
Manual Integrations
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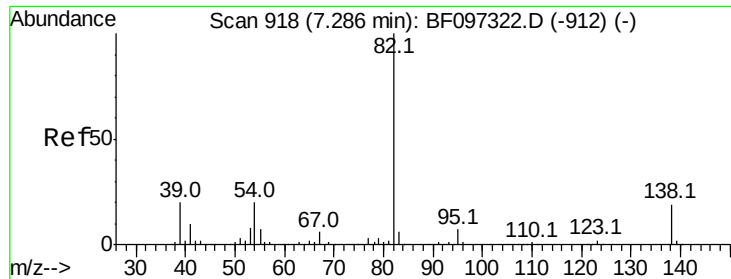
Sohil
8/9/2017 7:17:21 PM



#24
Nitrobenzene
Concen: 30.418 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.2	35.8	53.8	
65	15.0	10.6	15.8	





#25

Isophorone

Concen: 28.707 ng

RT: 7.24 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

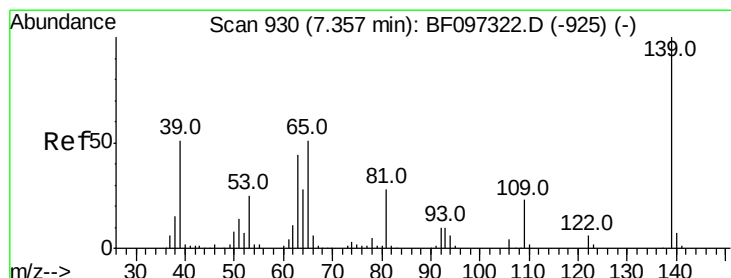
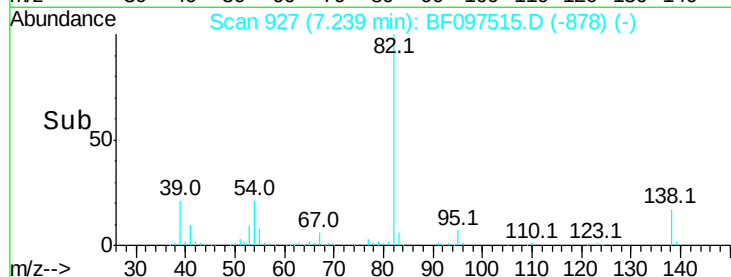
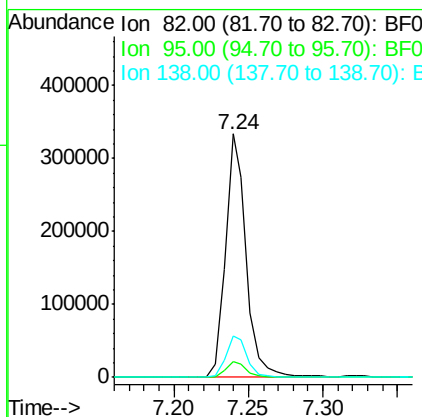
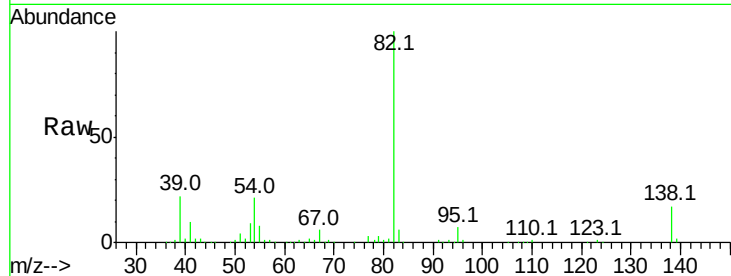
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	82	Resp:	325838
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	17.0	13.1	19.7

Manual Integrations
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8/9/2017 7:17:21 PM



#26

2-Nitrophenol

Concen: 21.732 ng

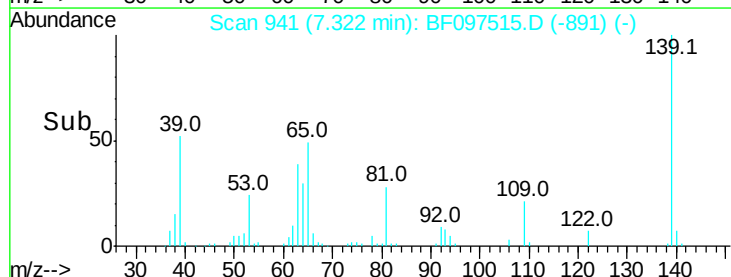
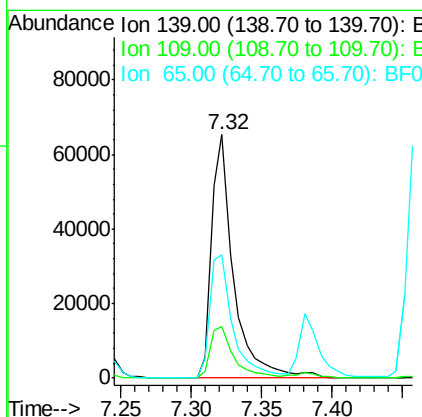
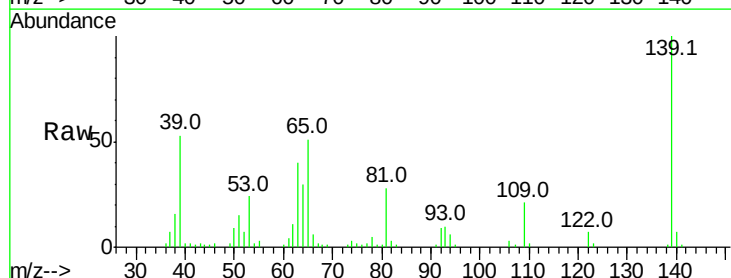
RT: 7.32 min Scan# 941

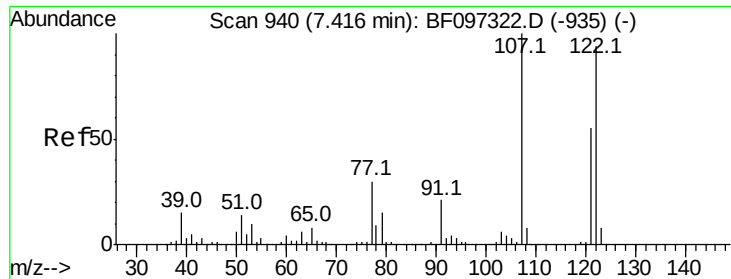
Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	139	Resp:	70972
Ion Ratio	Lower	Upper	
139	100		
109	21.4	21.0	31.6
65	50.9	33.0	49.6





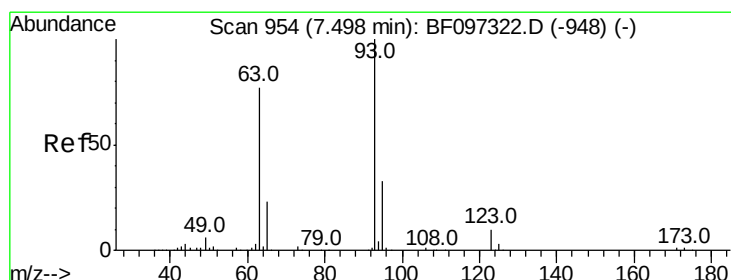
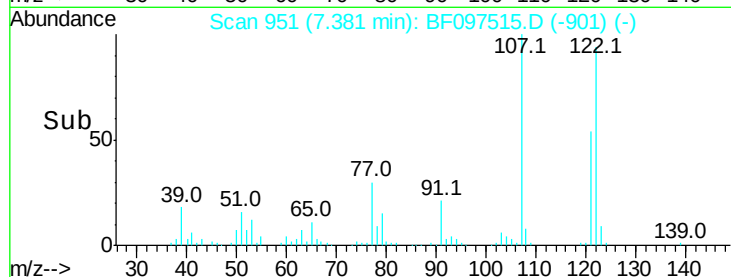
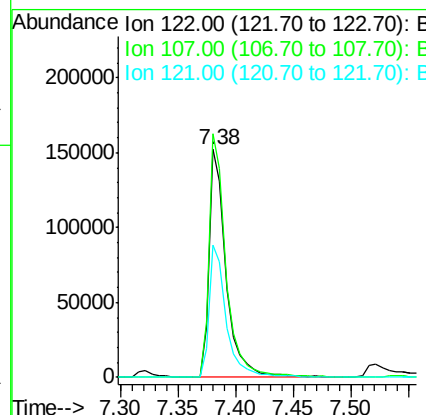
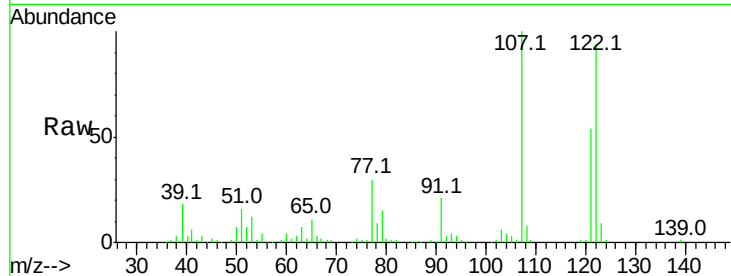
#27
 2,4-Dimethylphenol
 Concen: 29.165 ng
 RT: 7.38 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion:	122	Resp:	157117
Ion Ratio	Lower	Upper	
122	100		
107	106.9	89.2	133.8
121	57.9	45.2	67.8

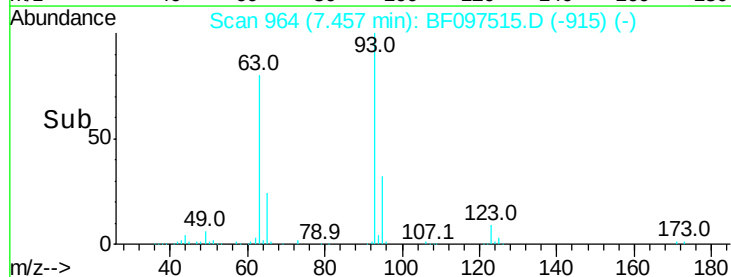
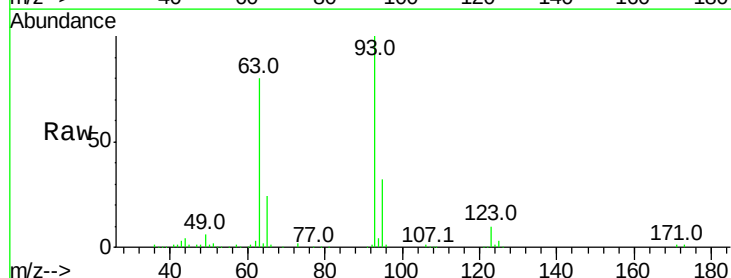
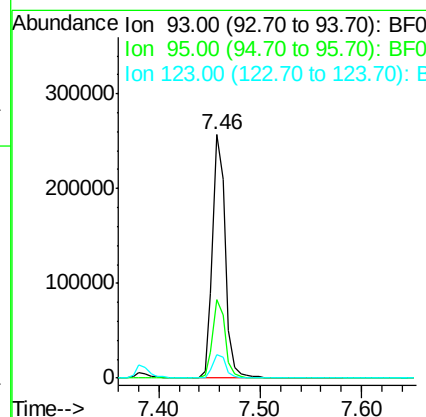
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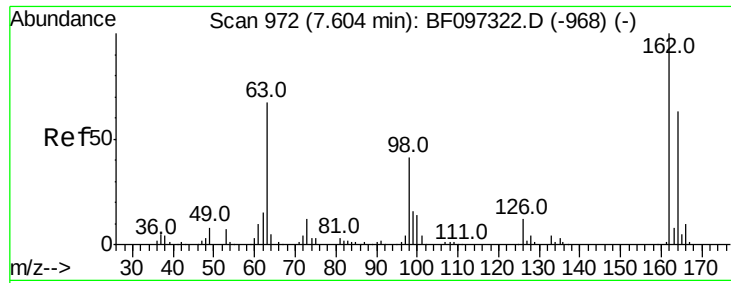
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.722 ng
 RT: 7.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion:	93	Resp:	227558
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	9.5	9.0	13.4





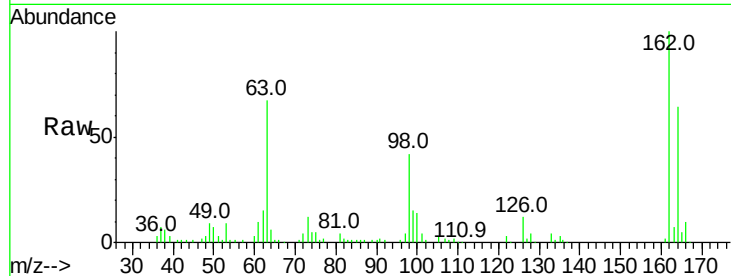
#29
 2,4-Dichlorophenol
 Concen: 29.164 ng
 RT: 7.59 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

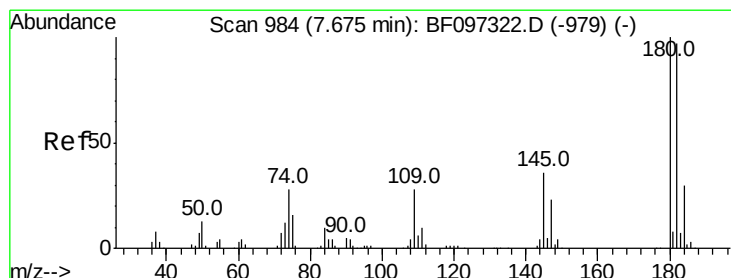
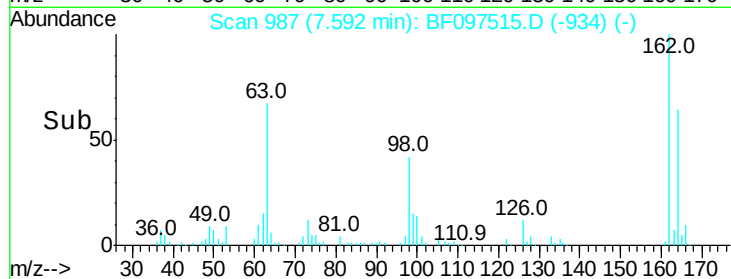
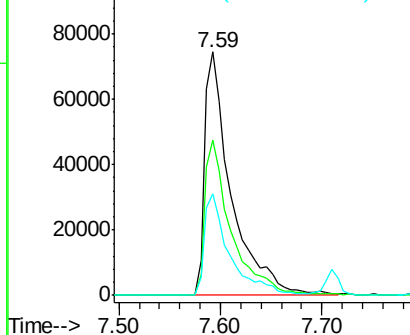
Tot Ion:	162	Resp:	135348
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	41.7	14.8	54.8

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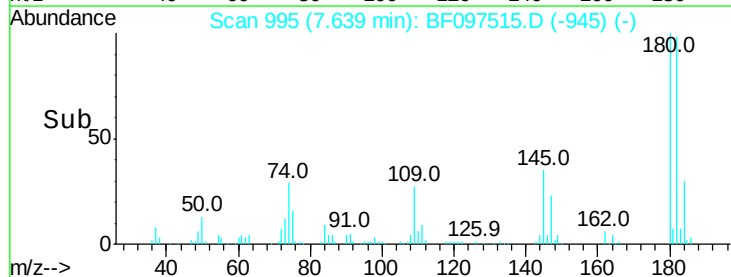
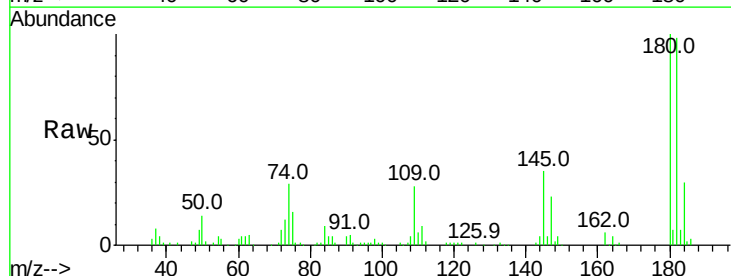
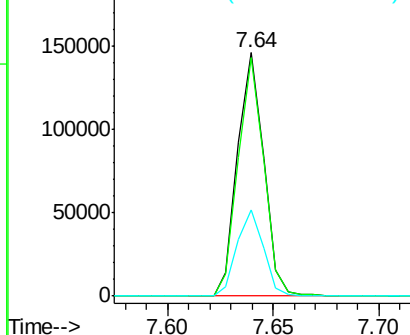
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

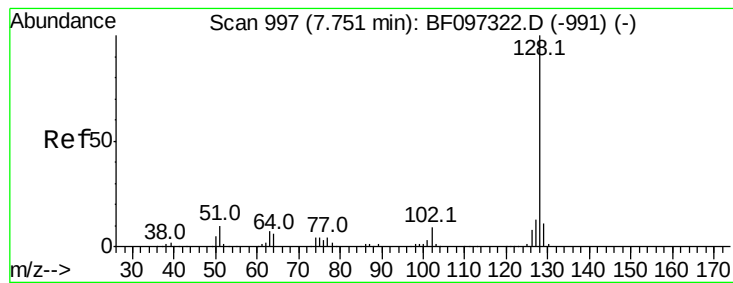


#30
 1,2,4-Trichlorobenzene
 Concen: 28.451 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion:	180	Resp:	125853
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.8	113.6
145	35.3	25.3	37.9

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





#31

Naphthalene

Concen: 30.342 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

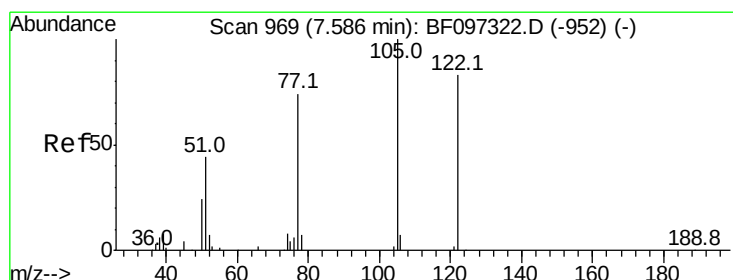
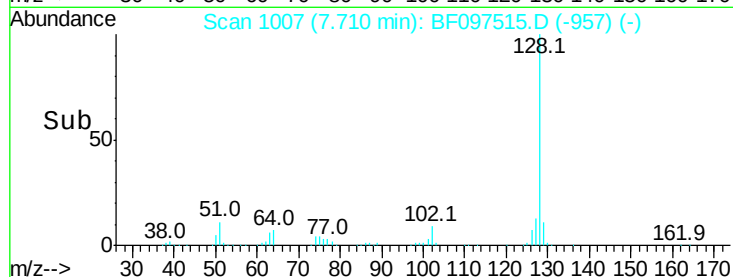
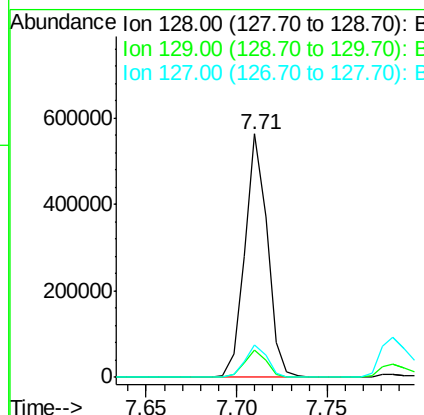
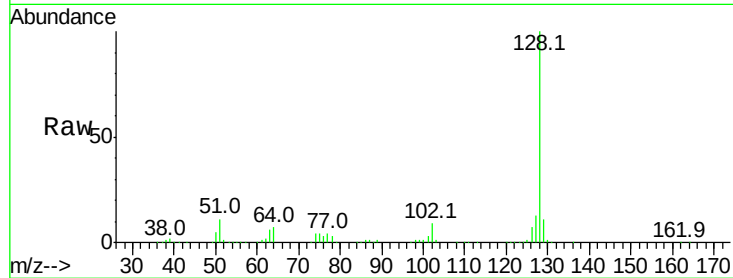
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	128	Resp:	486308
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 4.339 ng

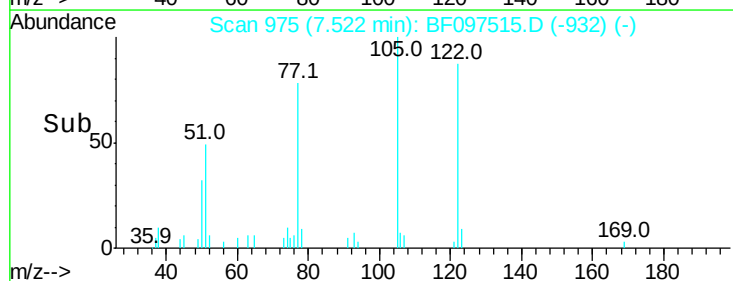
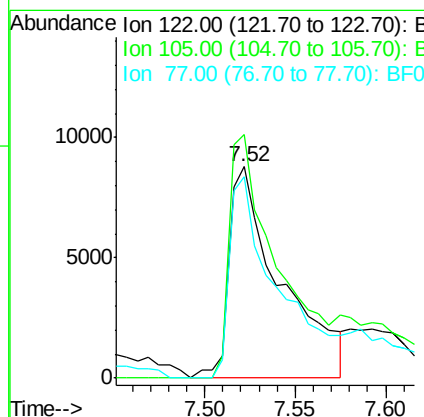
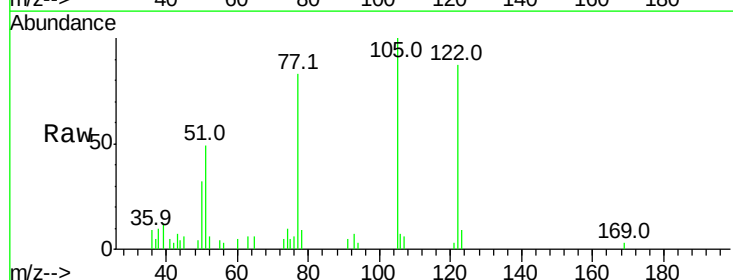
RT: 7.52 min Scan# 975

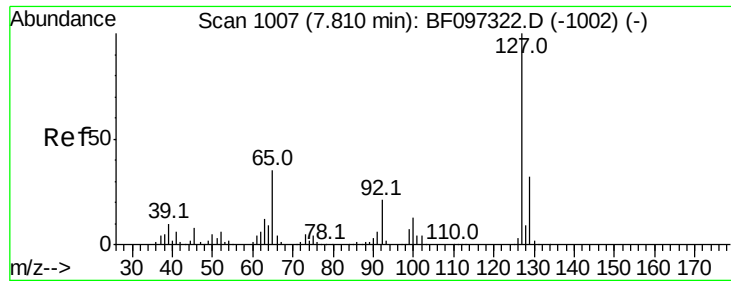
Delta R.T. -0.05 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	122	Resp:	17454
Ion Ratio	Lower	Upper	
122	100		
105	115.3	103.3	143.3
77	95.7	73.7	113.7





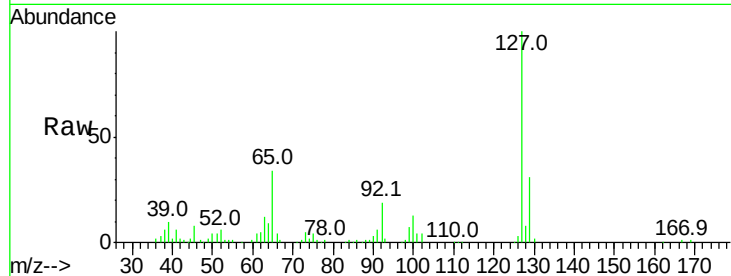
#33
4-Chloroaniline
Concen: 21.114 ng
RT: 7.79 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	26.2	39.2	
65	34.2	27.8	41.8	
92	19.4	16.8	25.2	

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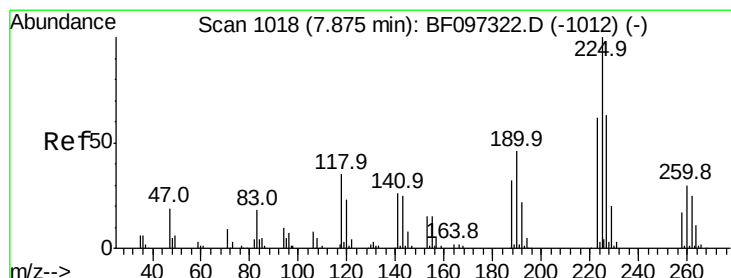
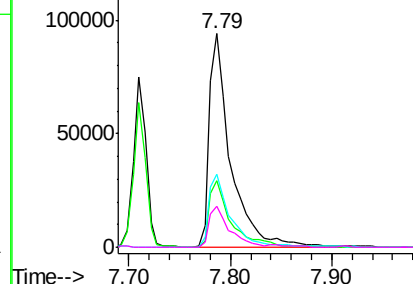
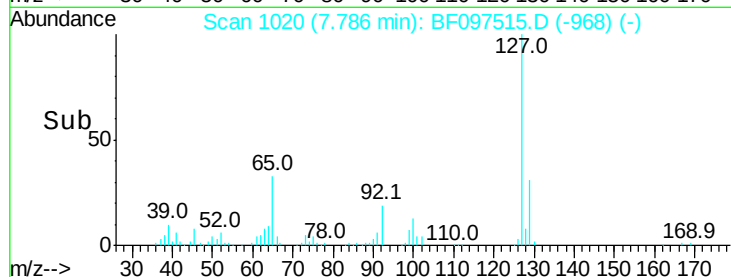
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

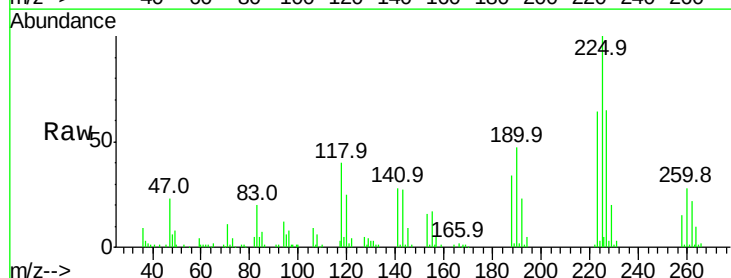
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 28.407 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	48.8	73.2	
227	65.2	51.1	76.7	

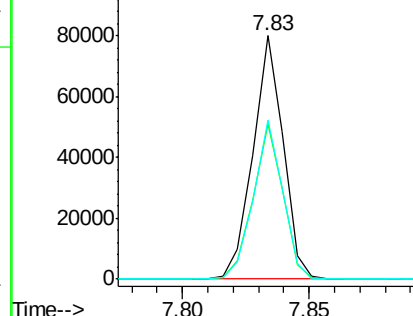
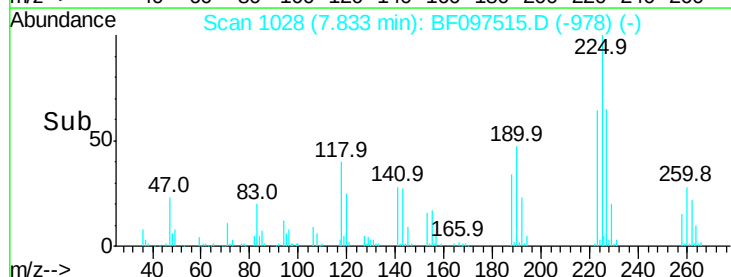


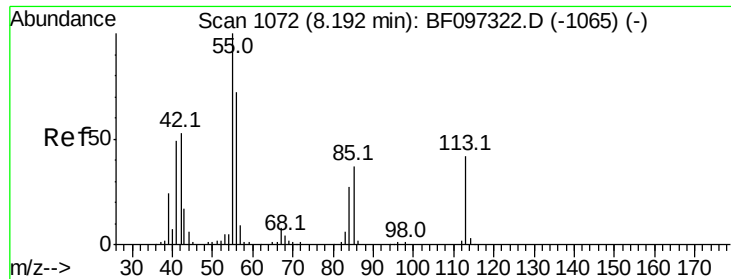
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.834 ng

RT: 8.14 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESWMSD

Tot Ion:113 Resp: 41421

Ion Ratio Lower Upper

113 100

55 246.2 150.2 190.2#

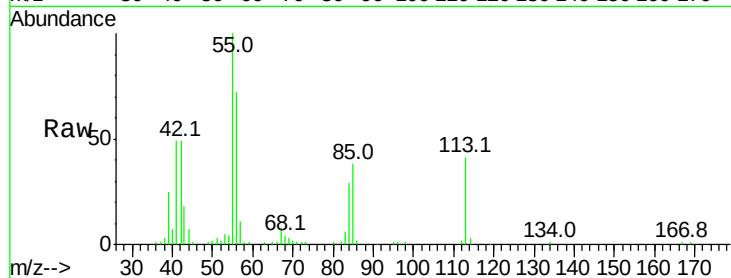
56 178.1 107.8 147.8#

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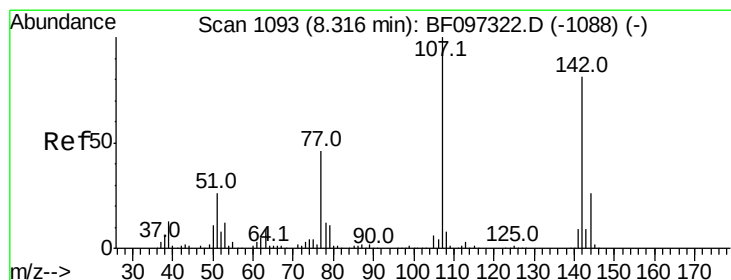
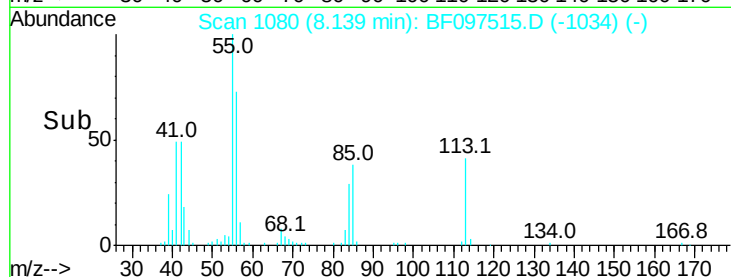
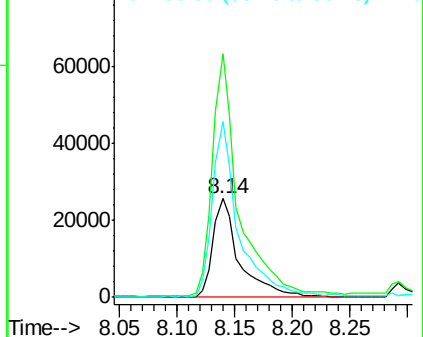
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 27.011 ng

RT: 8.29 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

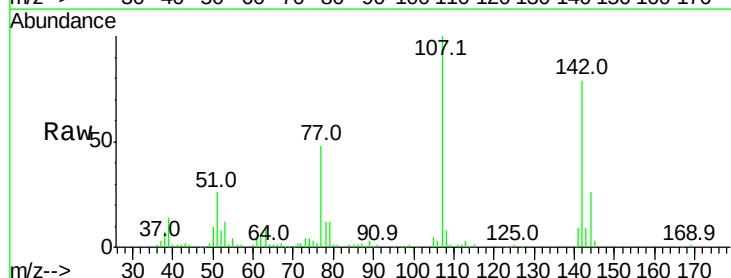
Tgt Ion:107 Resp: 136759

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

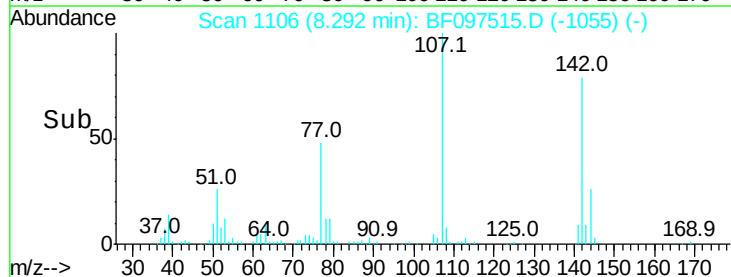
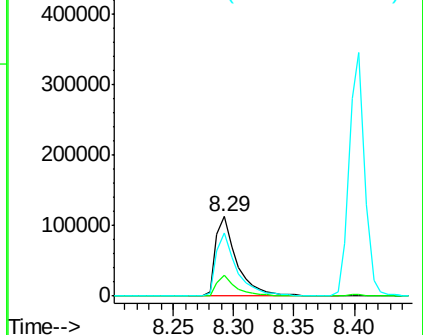
142 79.1 73.4 110.0

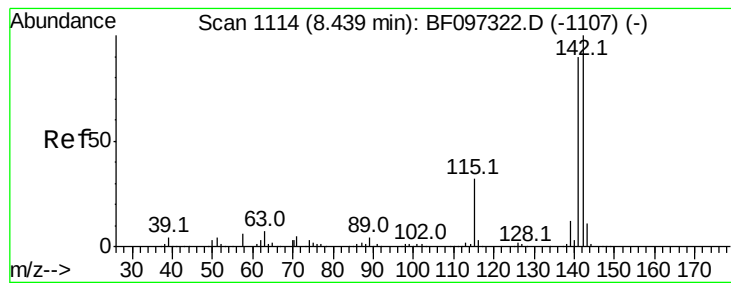


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.238 ng

RT: 8.40 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

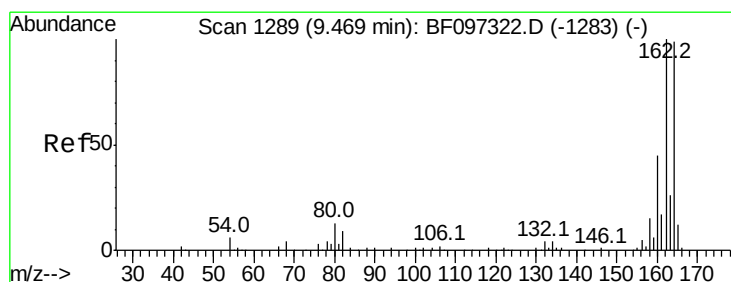
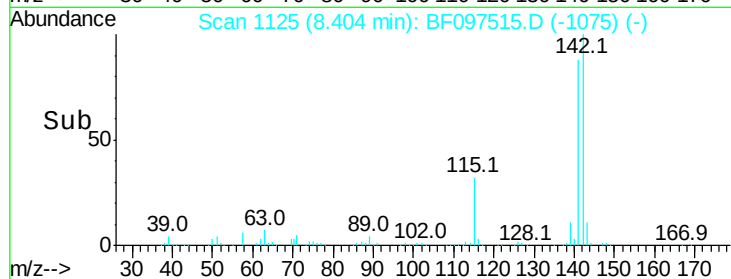
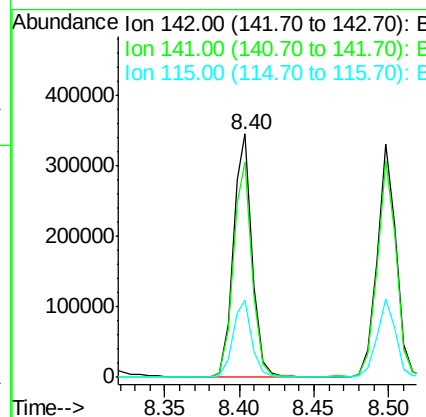
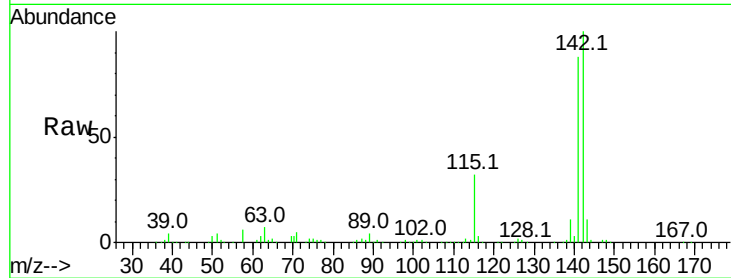
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	142	Resp:	306854
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.3	106.9
115	31.8	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

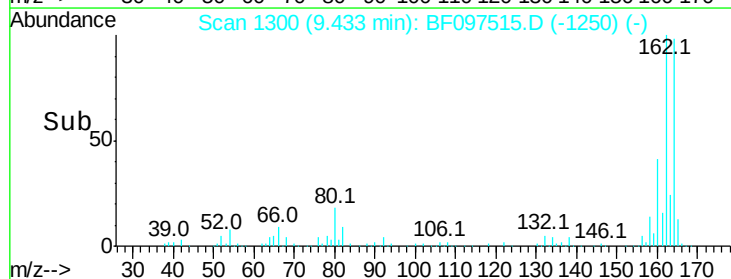
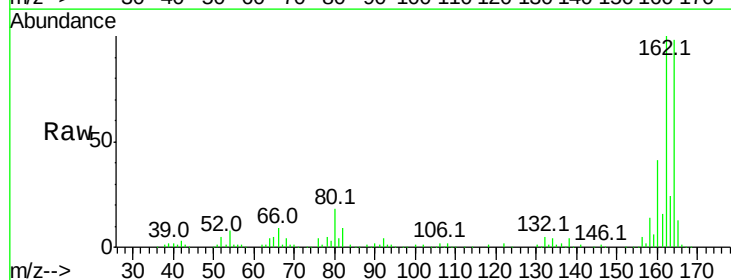
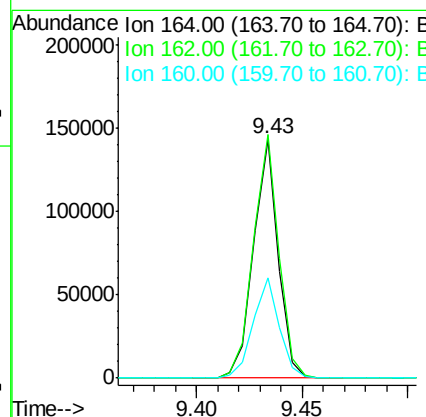
RT: 9.43 min Scan# 1300

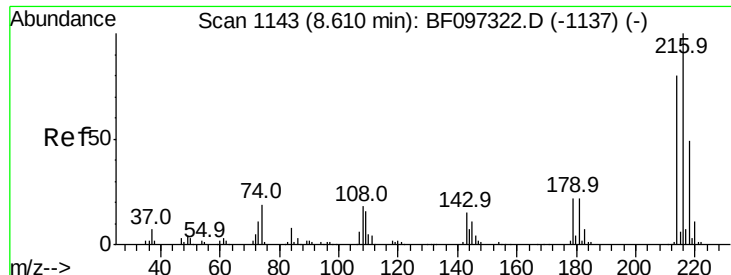
Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	164	Resp:	116562
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.6	123.8
160	42.1	36.2	54.2





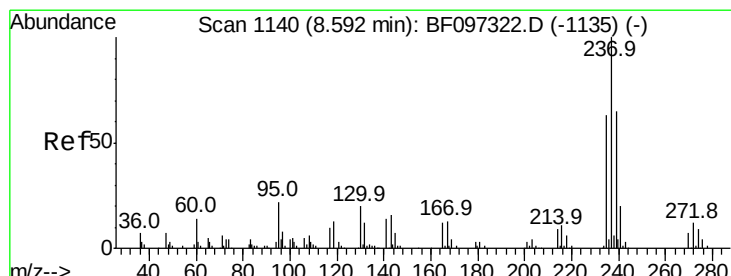
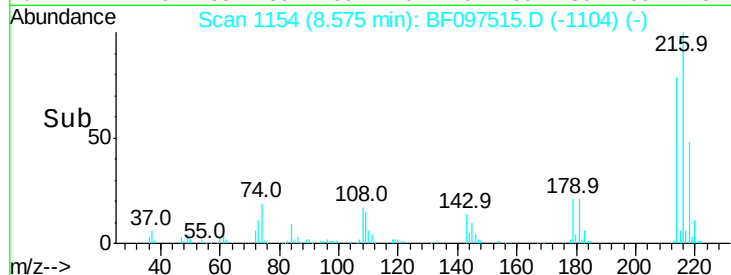
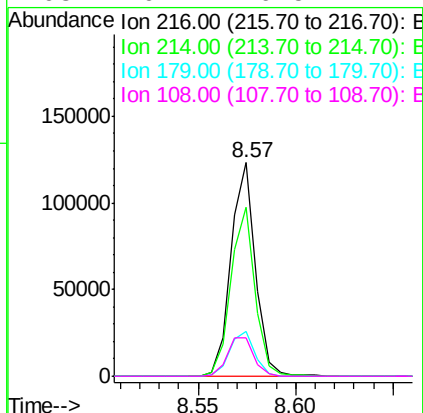
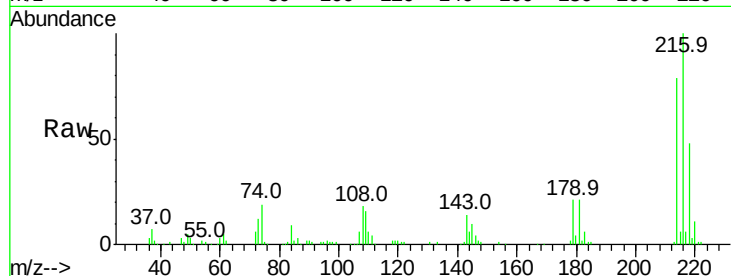
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.322 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	106748		
214	78.5		63.4	95.2
179	21.7		17.9	26.9
108	20.1		16.5	24.7

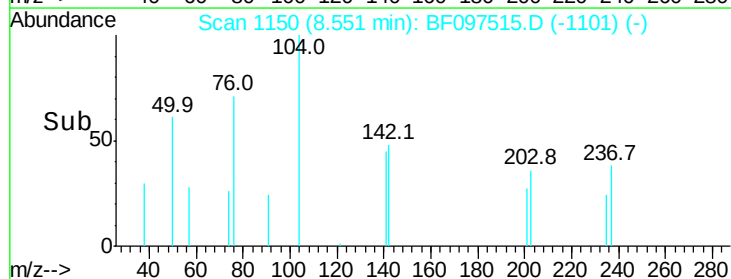
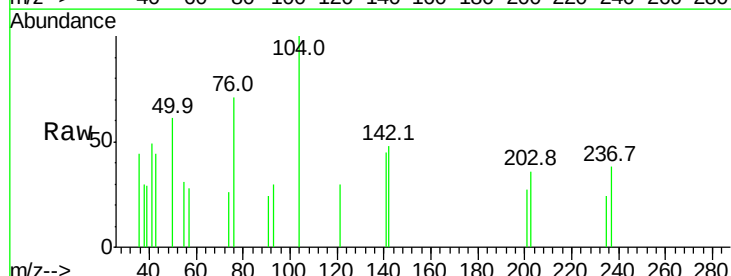
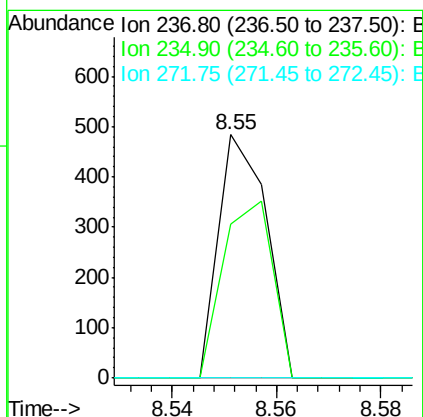
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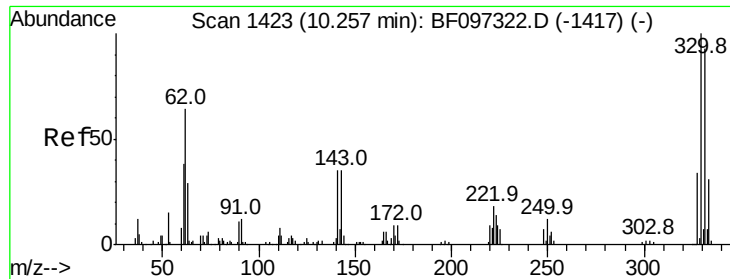
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#40
 Hexachlorocyclopentadiene
 Concen: 6.850 ng m
 RT: 8.55 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	307		
235	63.2		42.6	82.6
272	0.0		0.0	31.9





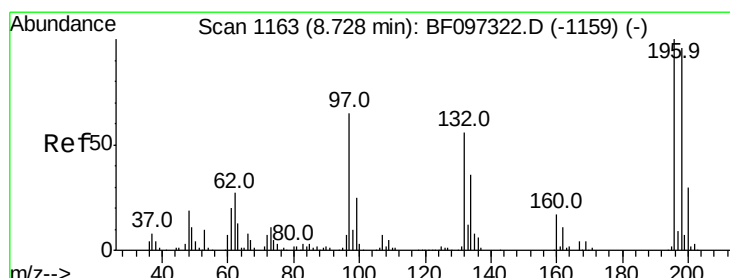
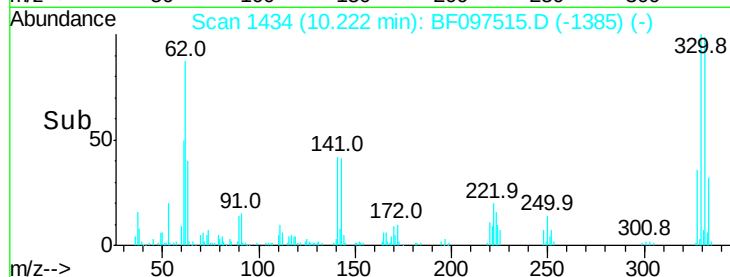
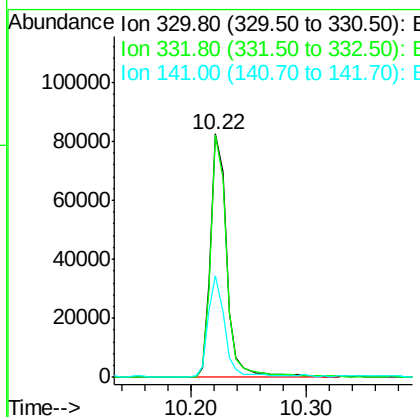
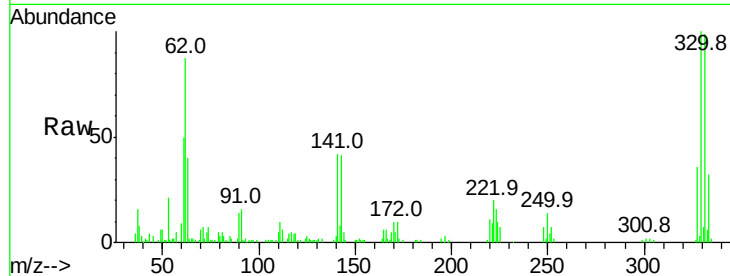
#41
 2,4,6-Tribromophenol
 Concen: 88.630 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	42.9	31.4	47.2

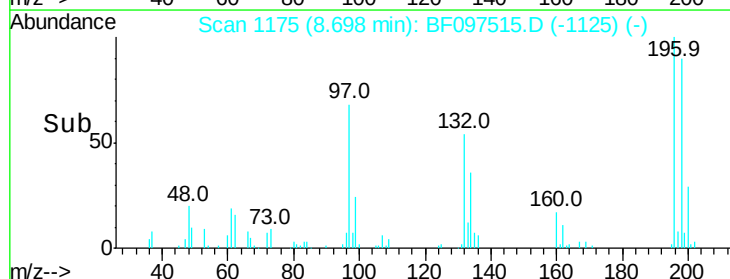
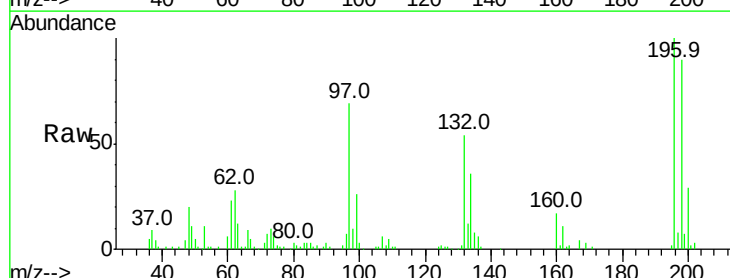
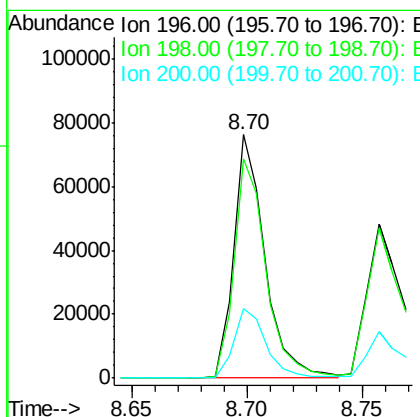
Manual Integrations
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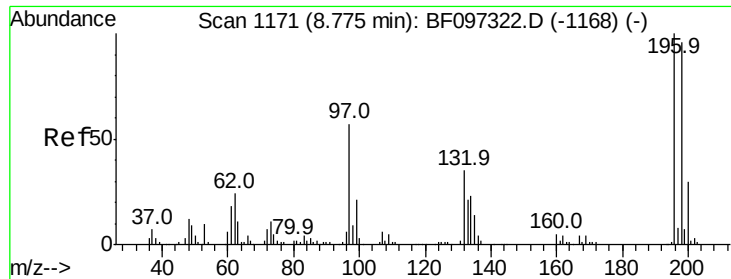
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#42
 2,4,6-Trichlorophenol
 Concen: 31.813 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.8	74.2	111.4
200	28.7	24.0	36.0





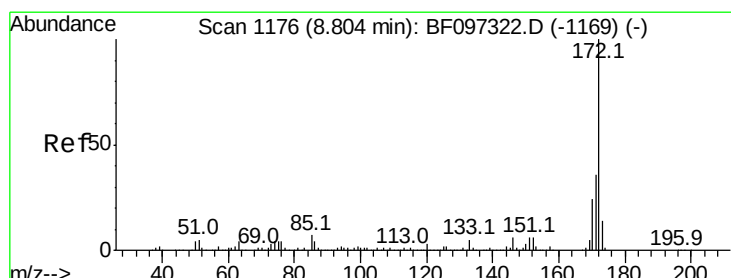
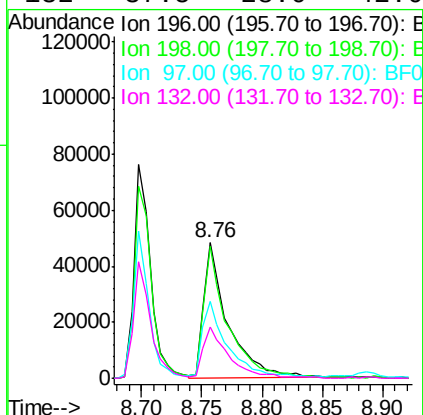
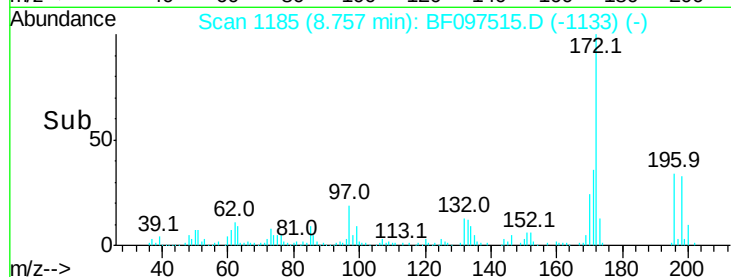
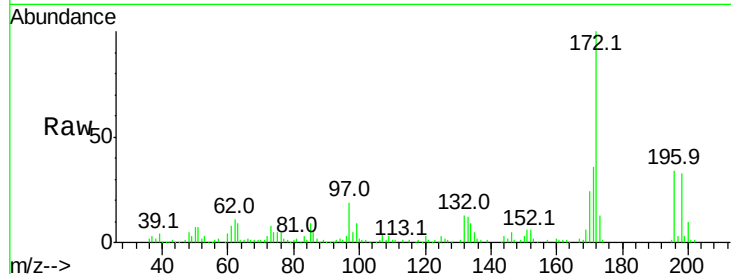
#43
 2,4,5-Trichlorophenol
 Concen: 29.790 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67204		
198	97.2	75.7	113.5	
97	56.7	47.7	71.5	
132	37.5	28.0	42.0	

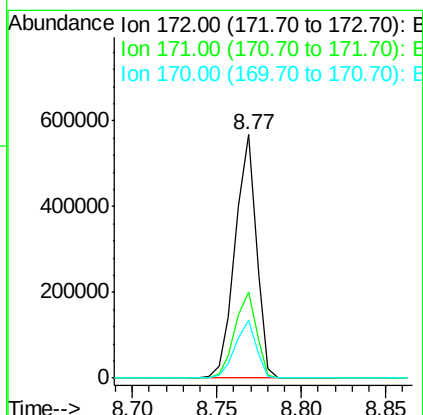
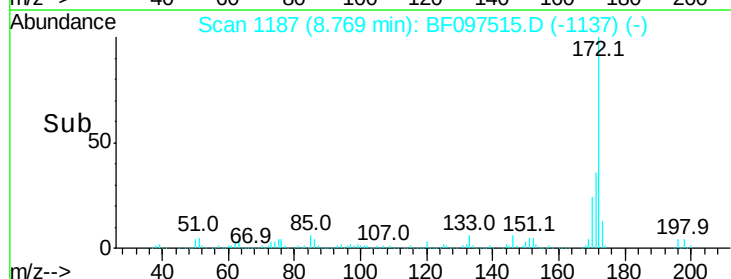
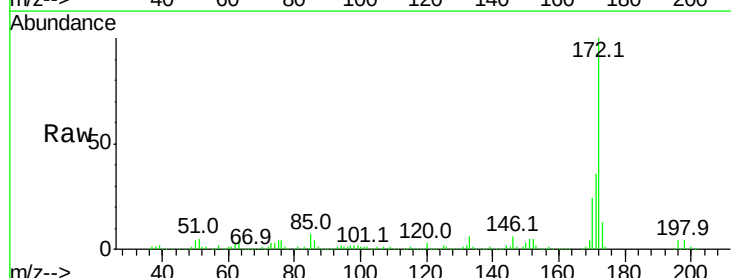
Manual Integrations
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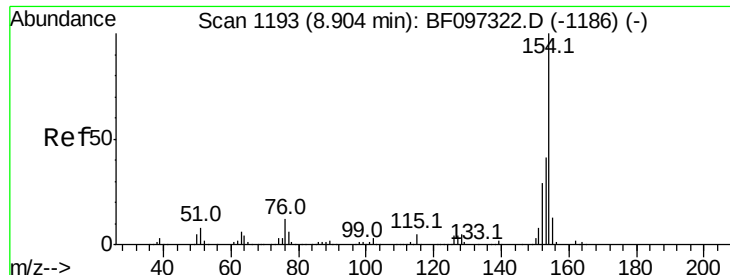
Sohil
 8/9/2017 7:17:21 PM



#44
 2-Fluorobiphenyl
 Concen: 72.271 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	496378		
171	35.5	29.6	44.4	
170	23.7	19.8	29.8	





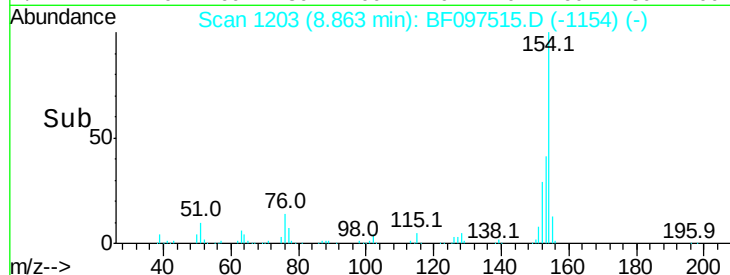
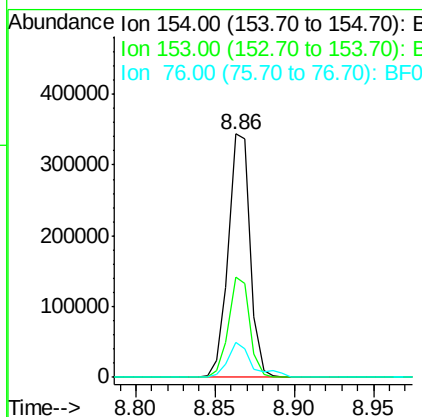
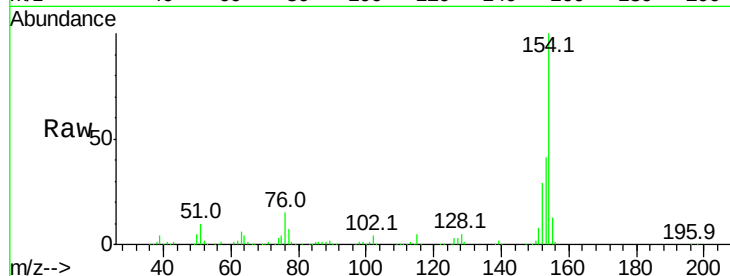
#45
 1,1'-Biphenyl
 Concen: 33.204 ng
 RT: 8.86 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	14.5	0.0	29.9	

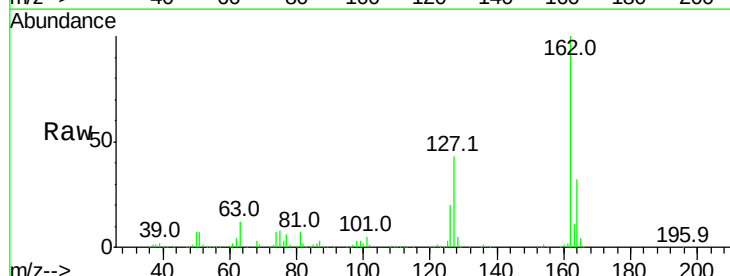
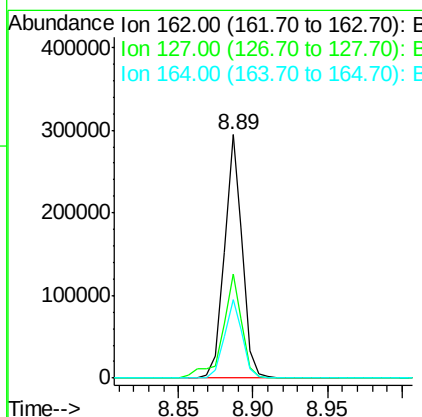
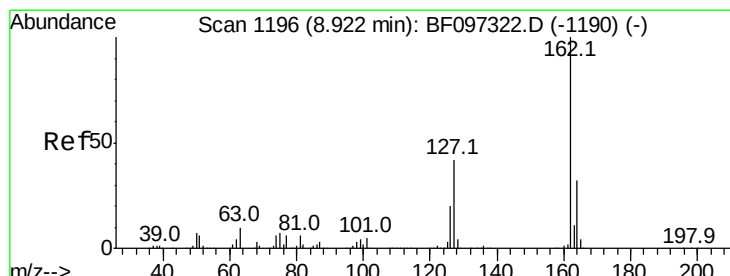
Manual Integrations
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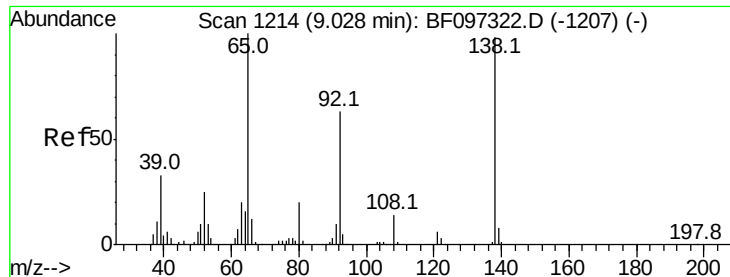
Sohil
 8/9/2017 7:17:21 PM



#46
 2-Chloronaphthalene
 Concen: 33.802 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	28.3	42.5#	
164	32.2	27.0	40.4	





#47

2-Nitroaniline

Concen: 36.698 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

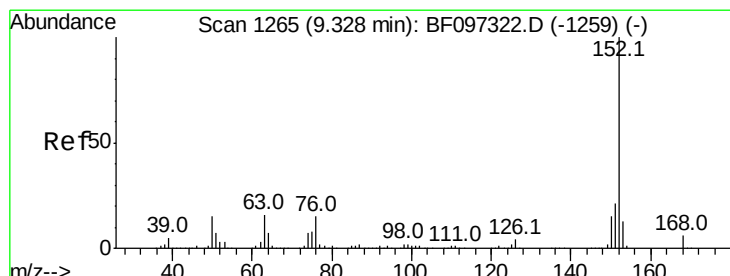
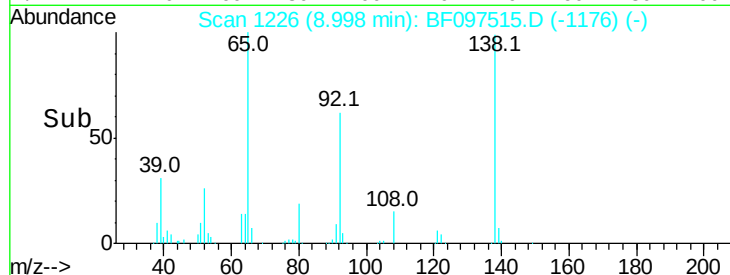
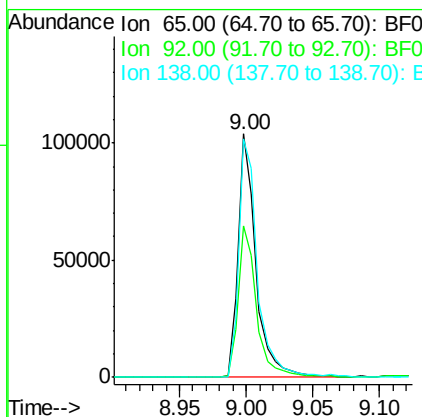
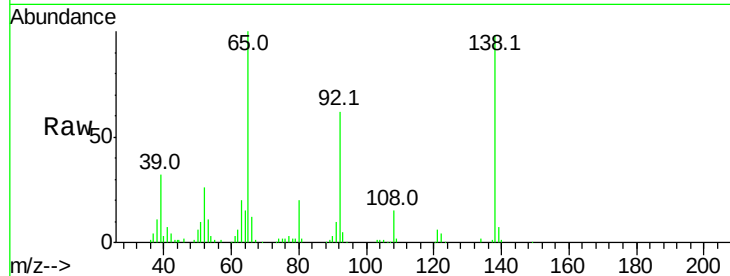
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	65	Resp:	97577
Ion	Ratio	Lower	Upper
65	100		
92	62.0	53.9	80.9
138	97.8	78.8	118.2

Manual Integrations
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#48

Acenaphthylene

Concen: 30.883 ng

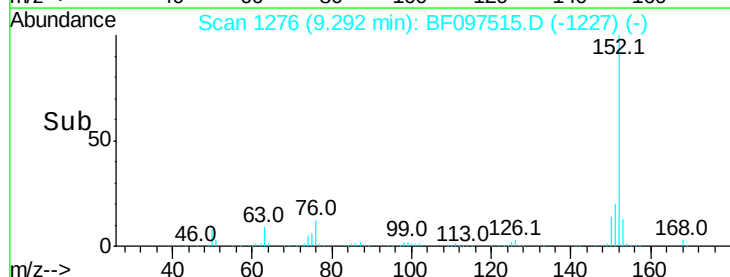
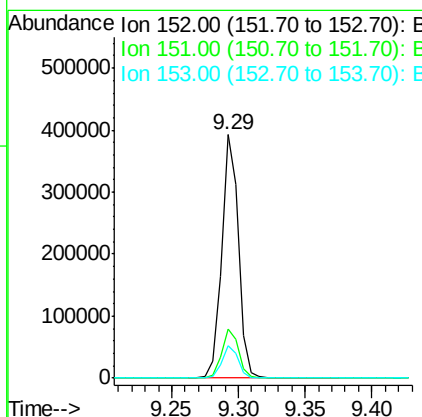
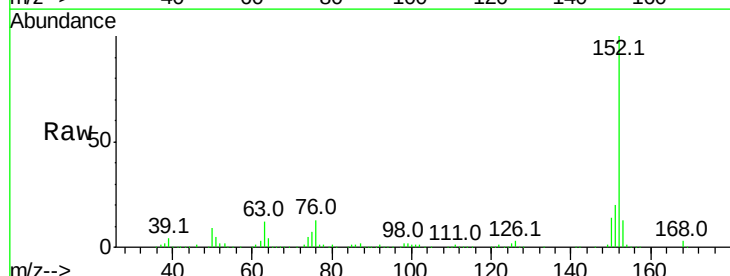
RT: 9.29 min Scan# 1276

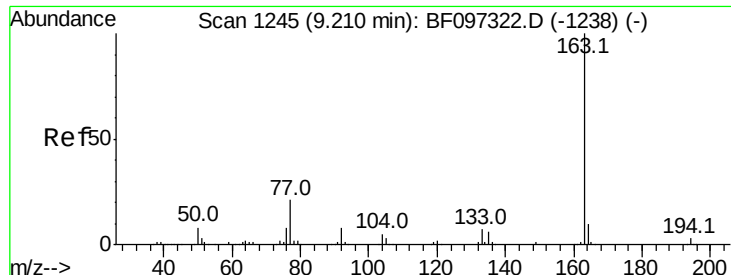
Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	152	Resp:	347293
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.2	10.8	16.2





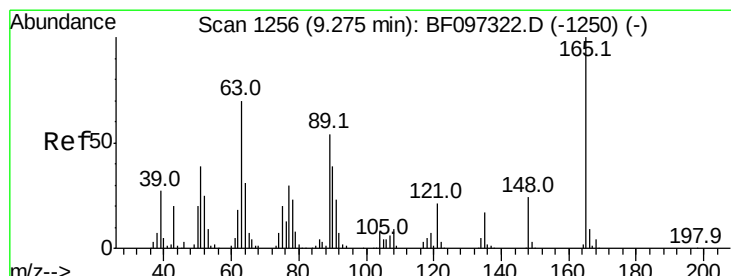
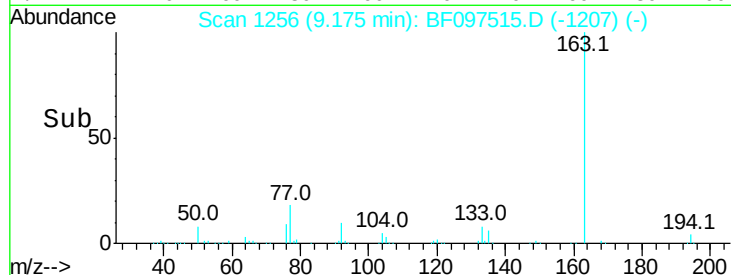
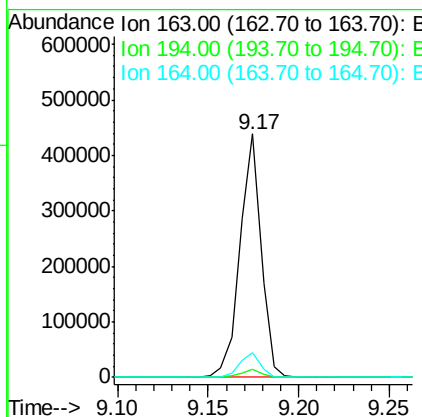
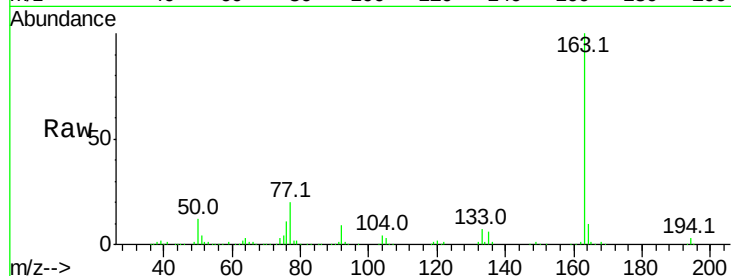
#49
 Dimethylphthalate
 Concen: 40.312 ng
 RT: 9.17 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

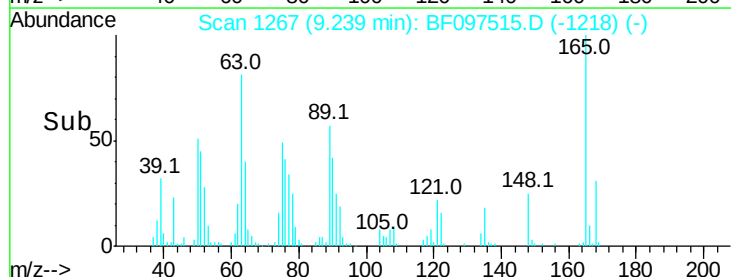
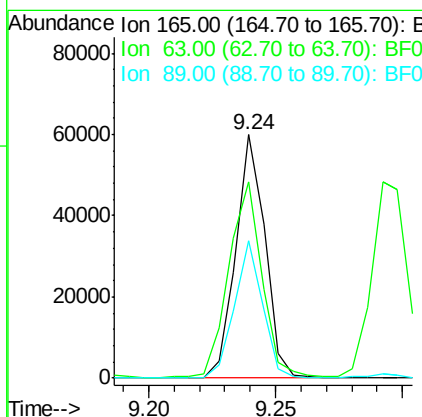
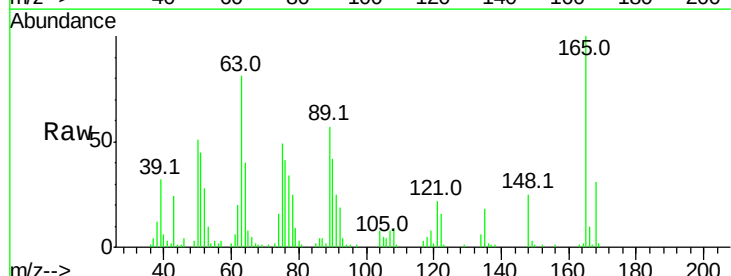
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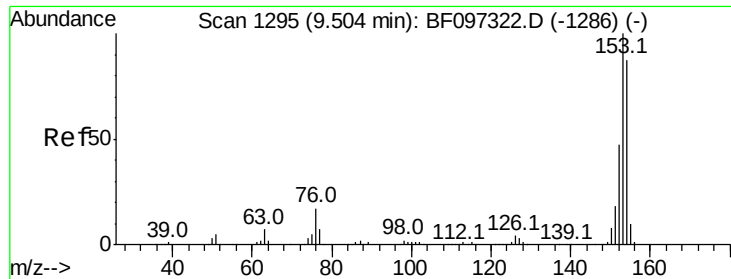
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 25.384 ng
 RT: 9.24 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.6	34.3	51.5#	
89	56.7	37.1	55.7#	





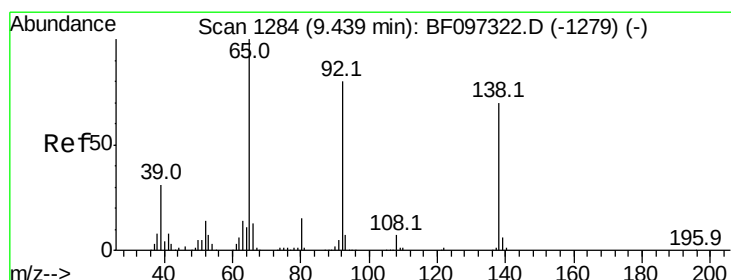
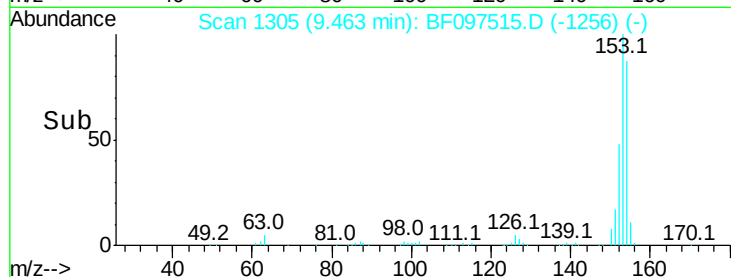
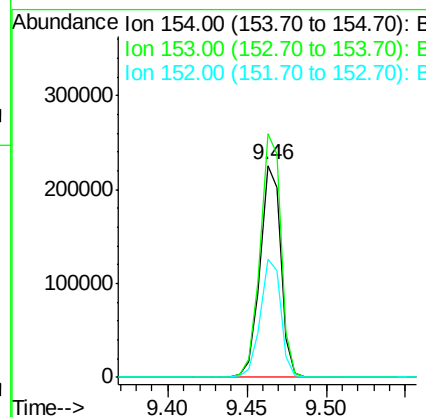
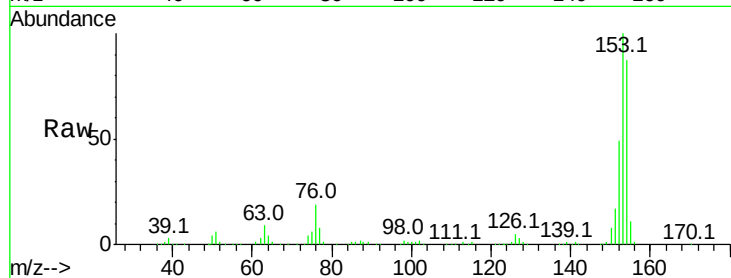
#51
Acenaphthene
Concen: 31.225 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	206838		
153	114.9	90.5	135.7	
152	55.9	43.6	65.4	

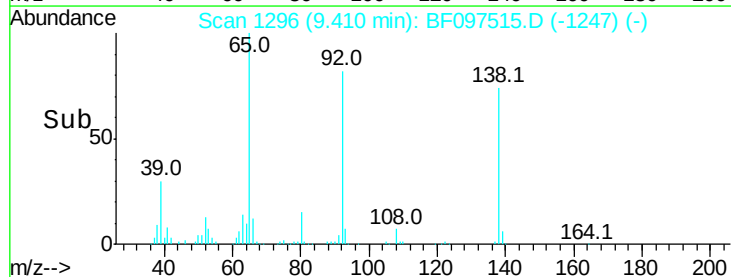
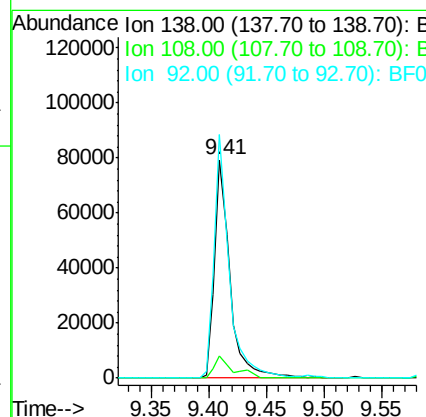
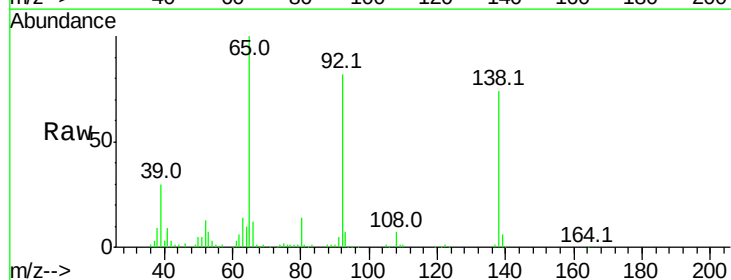
Manual Integrations
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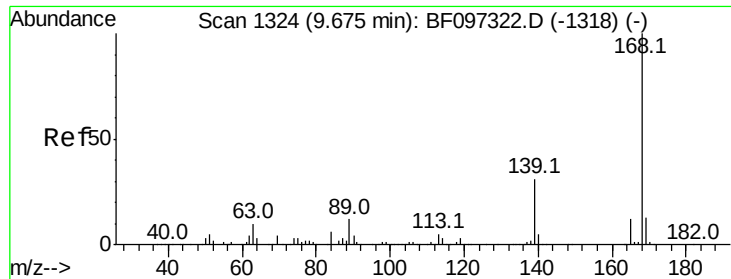
Sohil
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#52
3-Nitroaniline
Concen: 31.964 ng
RT: 9.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	74484		
108	9.9	9.1	13.7	
92	111.5	93.8	140.6	





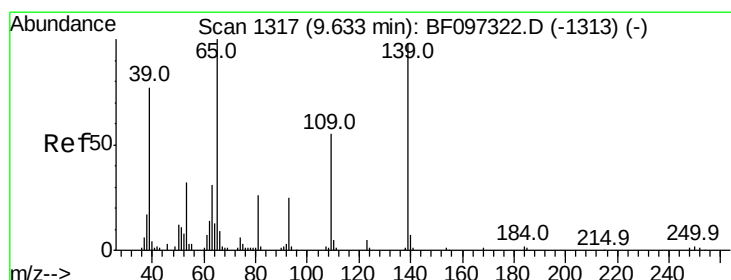
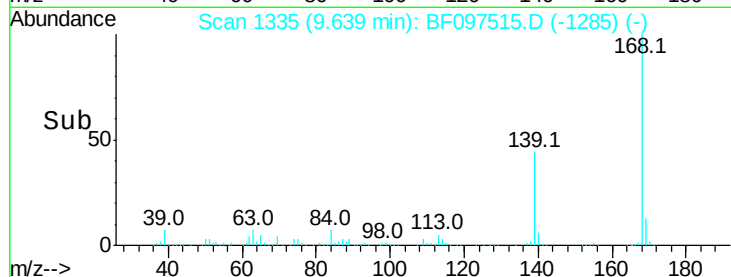
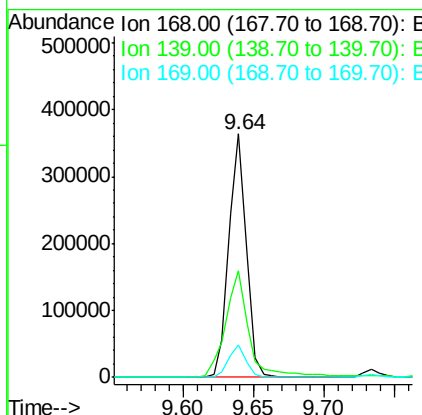
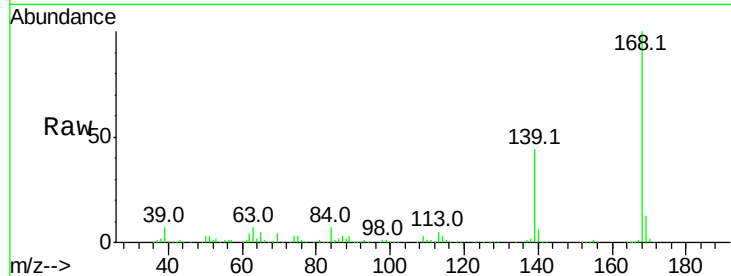
#54
Dibenzofuran
Concen: 35.538 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.0	30.6	45.8
169	13.3	10.8	16.2

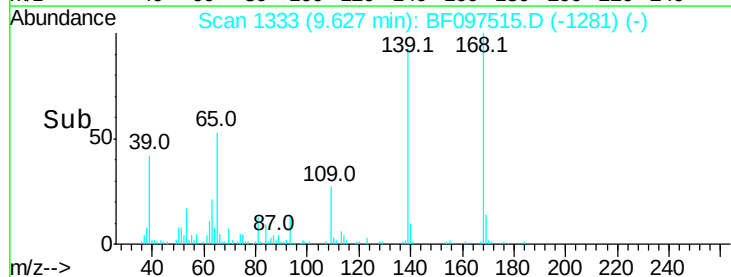
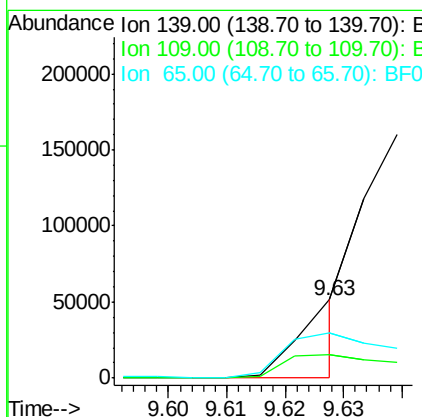
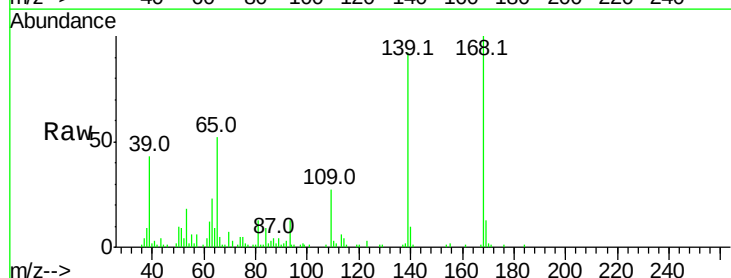
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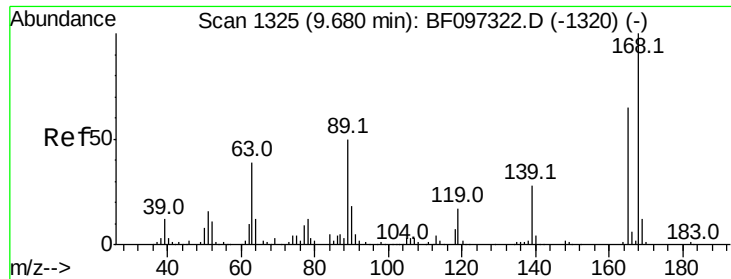
Sohil
8/9/2017 7:17:21 PM



#55
4-Nitrophenol
Concen: 19.827 ng m
RT: 9.63 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.1	34.1	74.1#
65	57.0	31.4	71.4





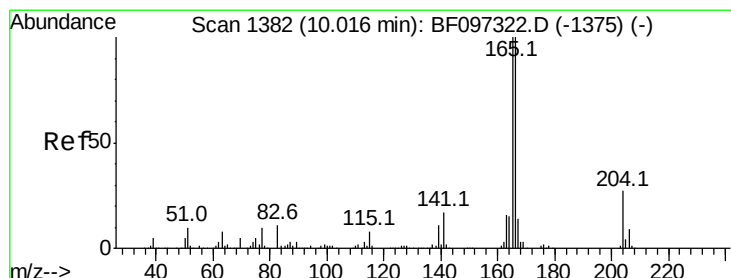
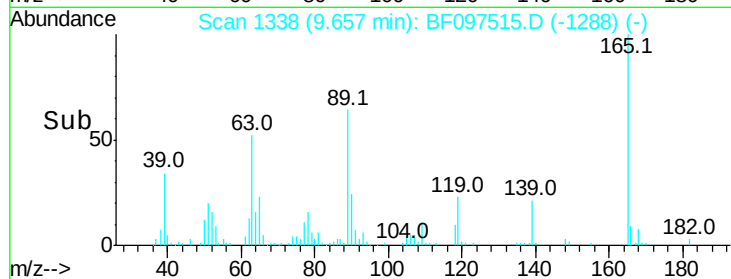
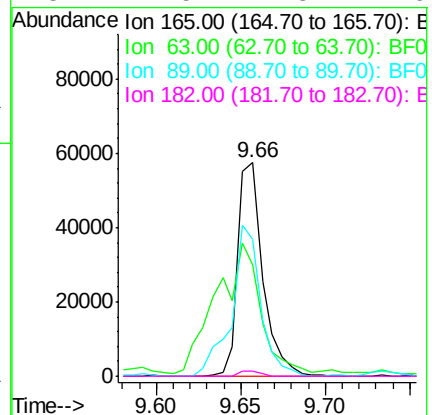
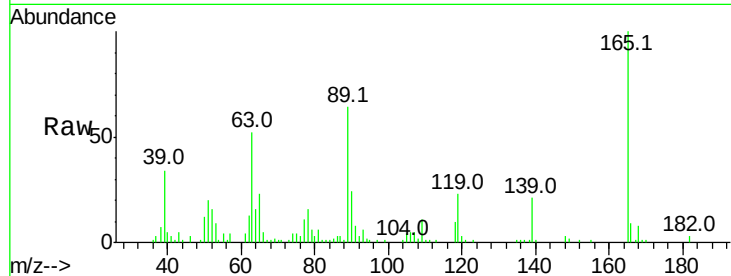
#56
 2,4-Dinitrotoluene
 Concen: 27.495 ng
 RT: 9.66 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.4	25.4	38.0#	
89	64.4	46.4	69.6	
182	2.5	1.8	2.6	

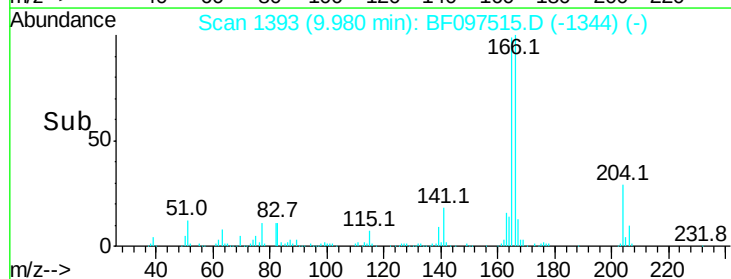
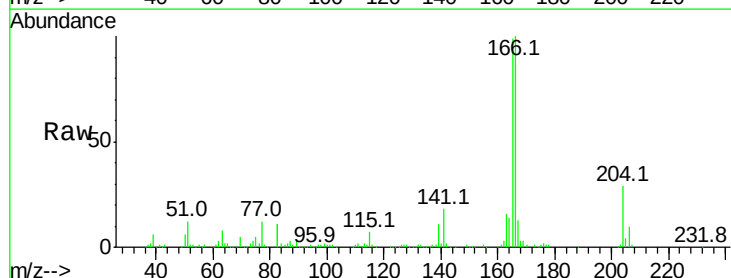
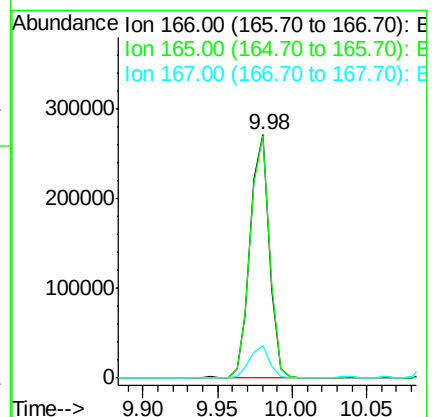
Manual Integrations
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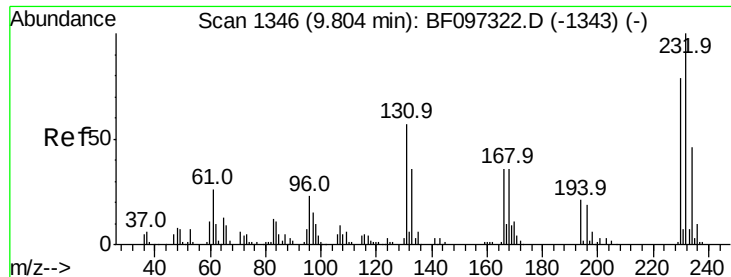
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#57
 Fluorene
 Concen: 36.679 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	78.8	118.2	
167	13.2	10.6	16.0	





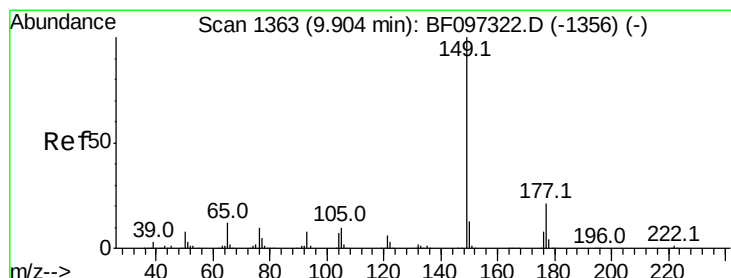
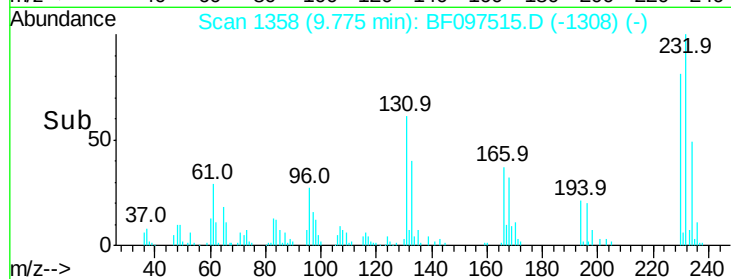
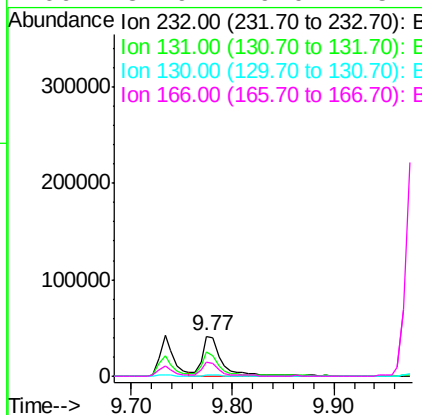
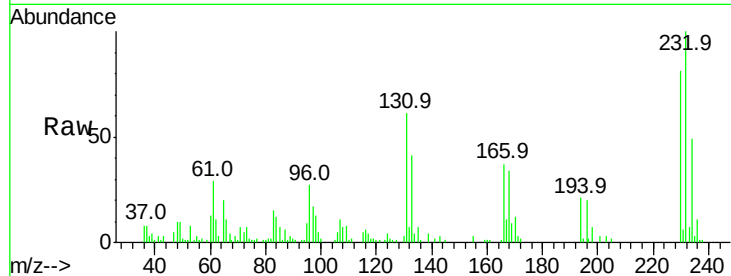
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.391 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	53569		
131	55.1		44.8	67.2
130	2.2		2.3	3.5#
166	32.9		29.0	43.4

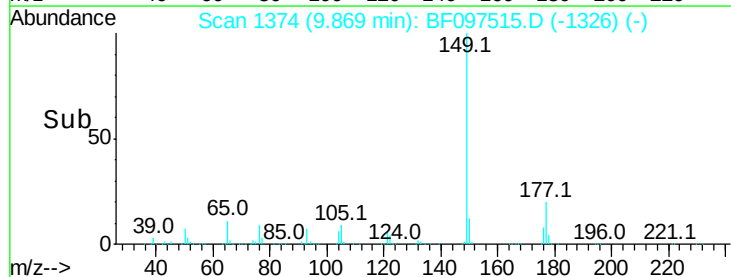
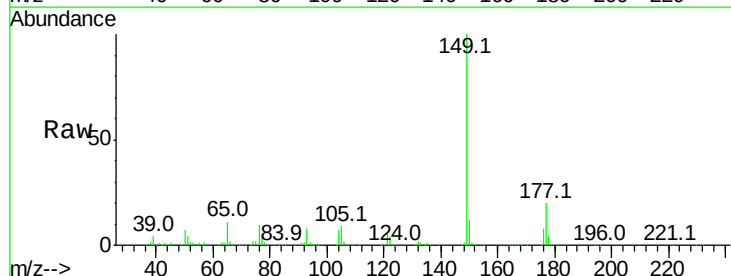
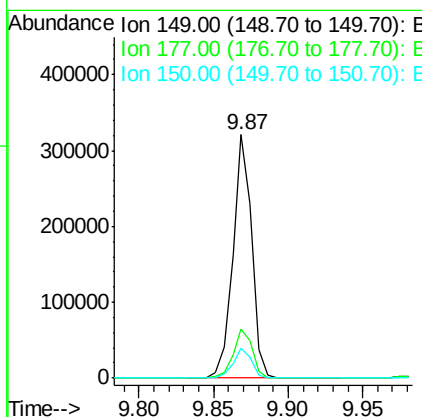
Manual Integrations
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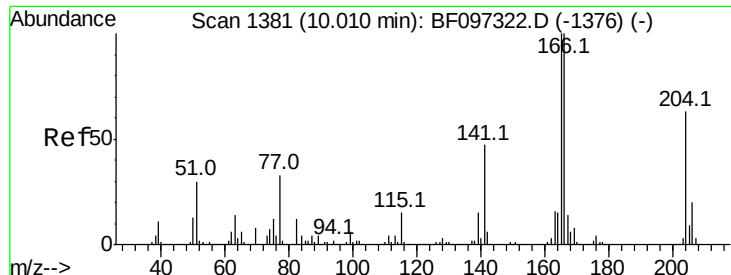
Sohil
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#59
 Diethylphthalate
 Concen: 35.123 ng
 RT: 9.87 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	285226		
177	20.2		16.7	25.1
150	12.2		10.2	15.2





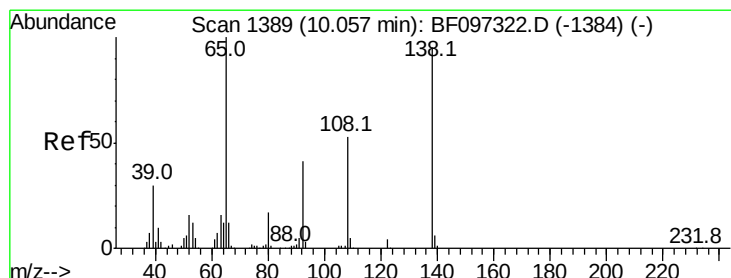
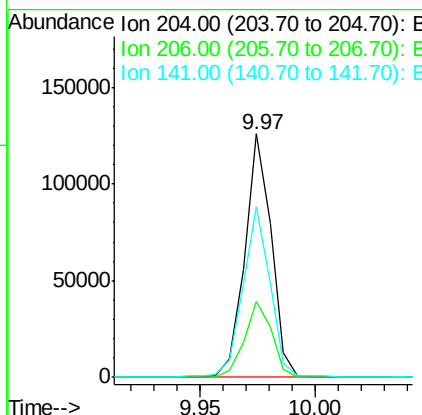
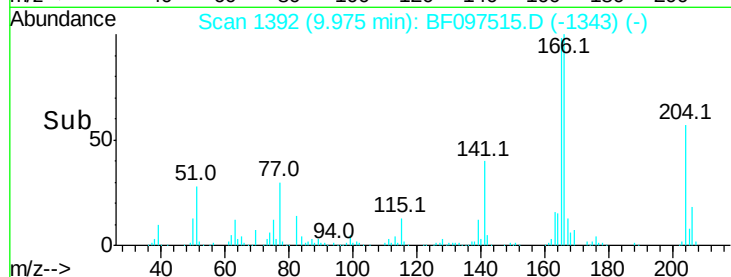
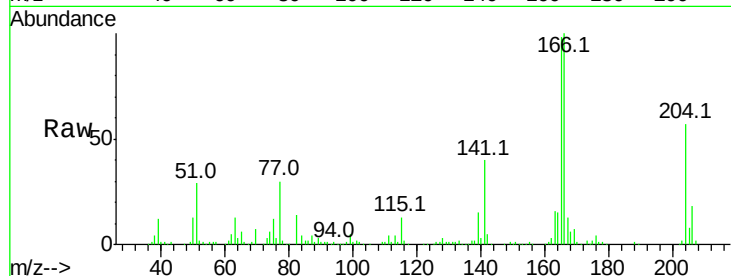
#60
 4-Chlorophenyl-phenylether
 Concen: 36.893 ng
 RT: 9.97 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion:	204	Resp:	101026
Ion Ratio	Lower	Upper	
204	100		
206	31.1	26.2	39.2
141	69.9	60.8	91.2

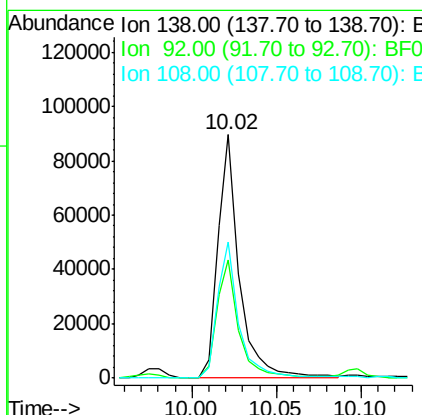
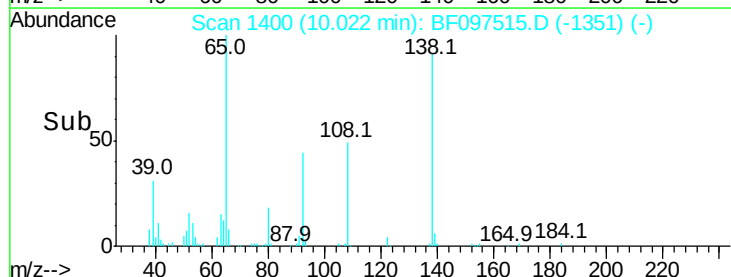
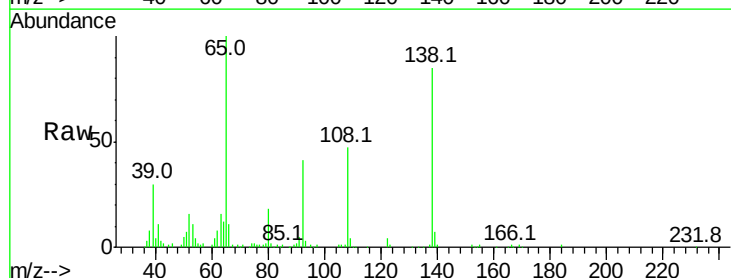
Manual Integrations
 APPROVED

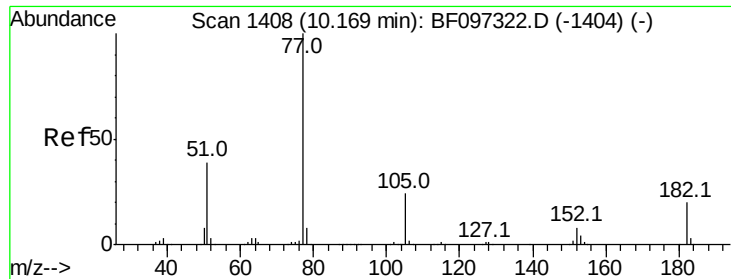
Sohil
 8/9/2017 7:17:21 PM



#61
 4-Nitroaniline
 Concen: 35.595 ng
 RT: 10.02 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion:	138	Resp:	78814
Ion Ratio	Lower	Upper	
138	100		
92	48.4	21.8	61.8
108	55.7	42.3	82.3





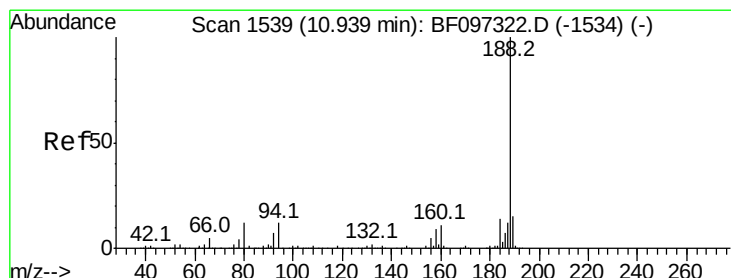
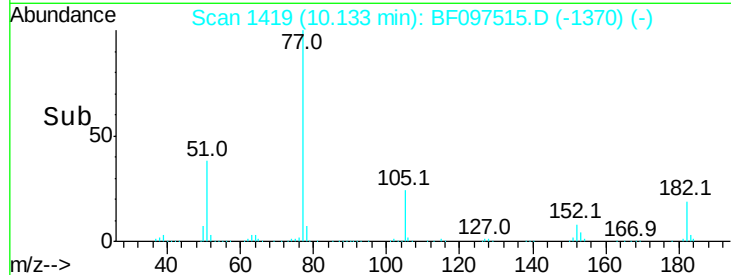
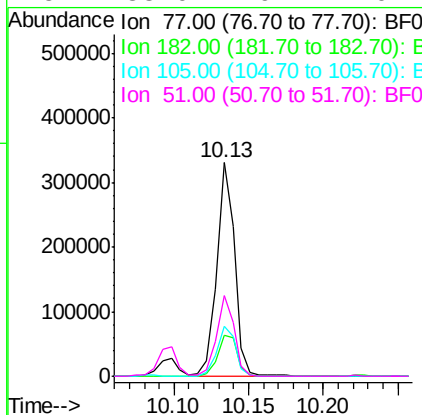
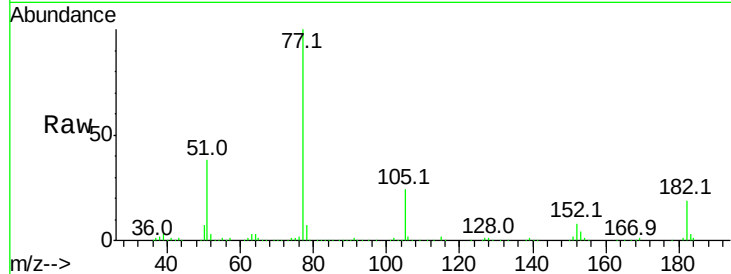
#62
Azobenzene
Concen: 36.480 ng
RT: 10.13 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	274821		
182	19.2	0.1	40.1	
105	23.7	3.6	43.6	
51	38.0	9.4	49.4	

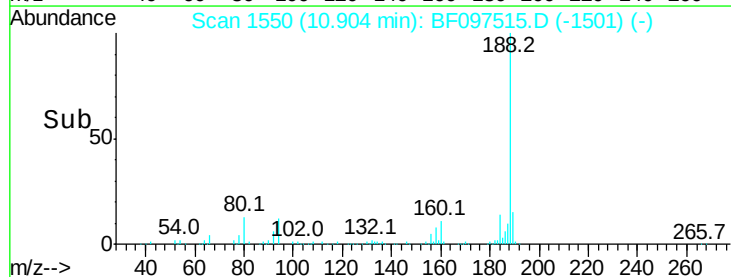
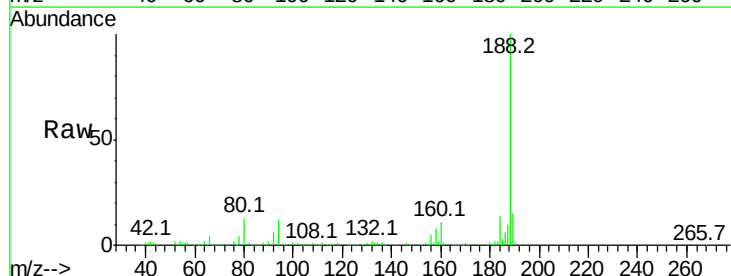
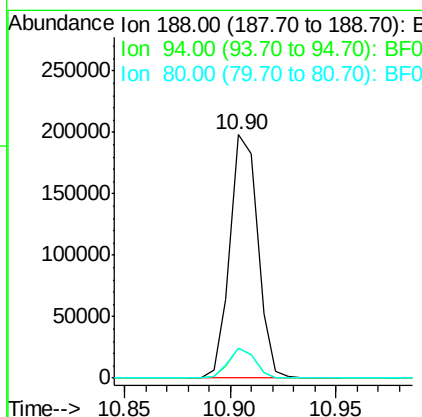
Manual Integrations
APPROVED

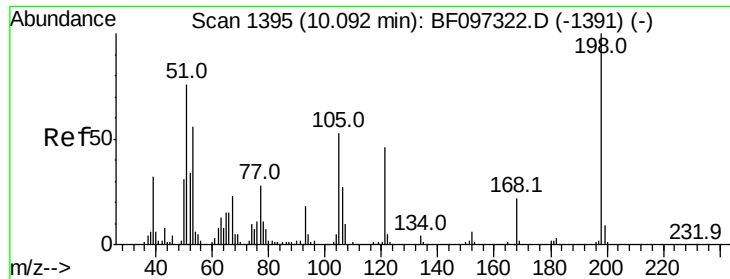
Sohil
8/9/2017 7:17:21 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	180346		
94	12.4	9.4	14.2	
80	12.5	10.2	15.2	





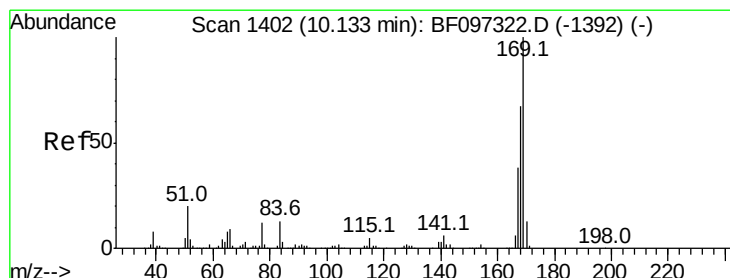
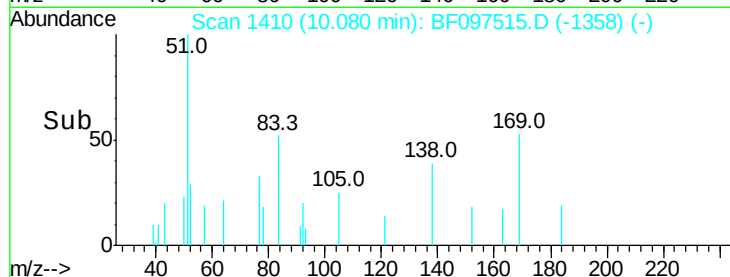
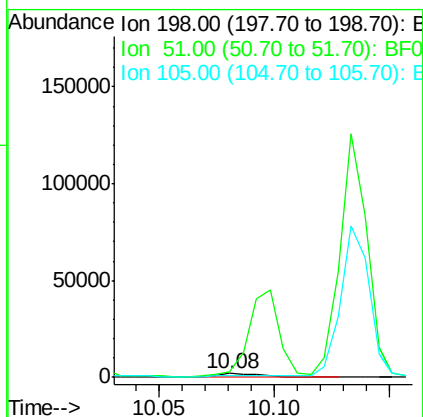
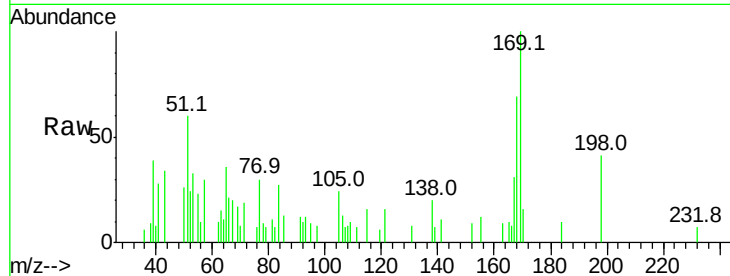
#64
4,6-Dinitro-2-methylphenol
Concen: 2.428 ng
RT: 10.08 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	145.6	53.2	93.2#
105	58.0	45.8	85.8

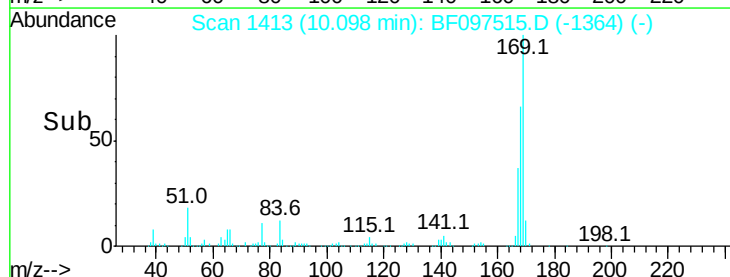
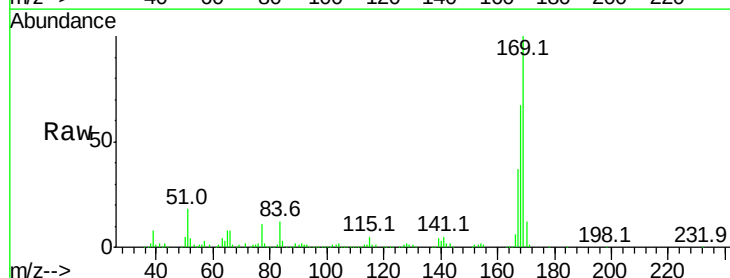
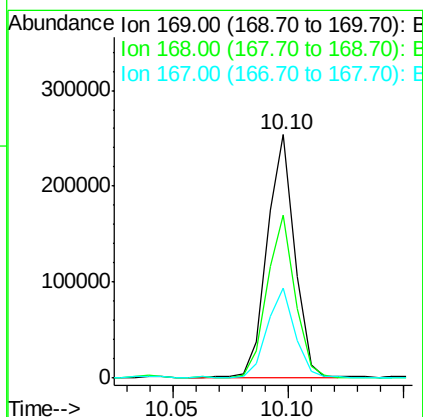
Manual Integrations
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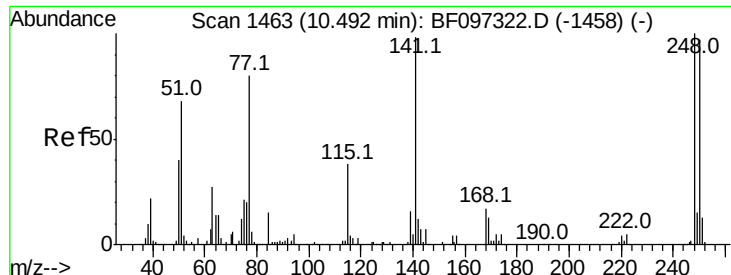
Sohil
8/9/2017 7:17:21 PM



#65
n-Nitrosodiphenylamine
Concen: 33.663 ng
RT: 10.10 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.8	29.5	44.3





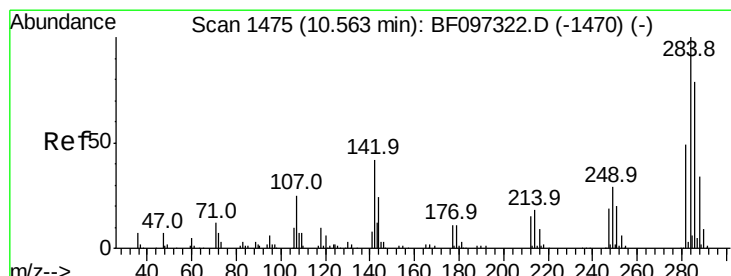
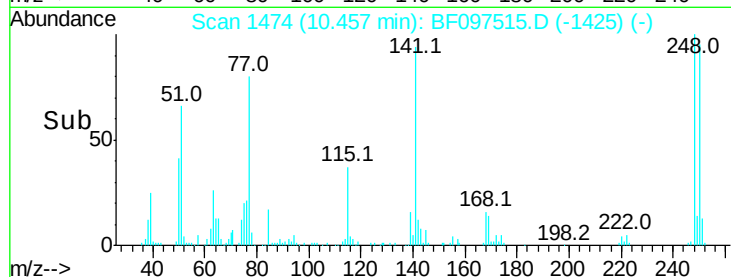
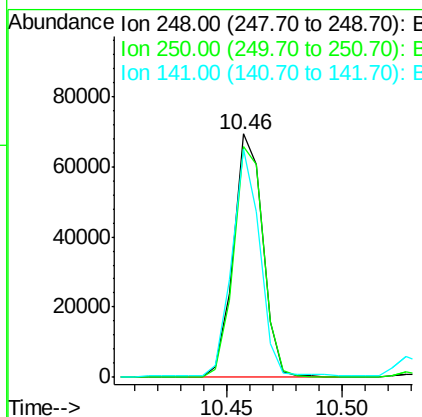
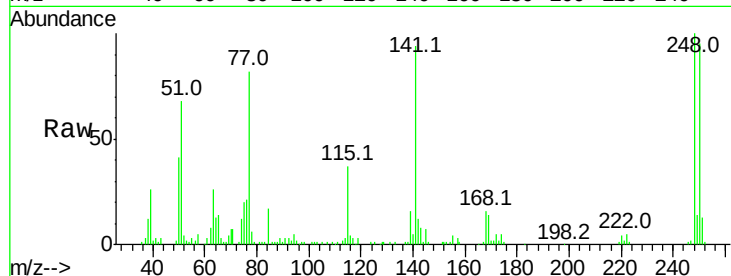
#66
 4-Bromophenyl-phenylether
 Concen: 34.204 ng
 RT: 10.46 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.8	115.2
141	93.7	68.6	103.0

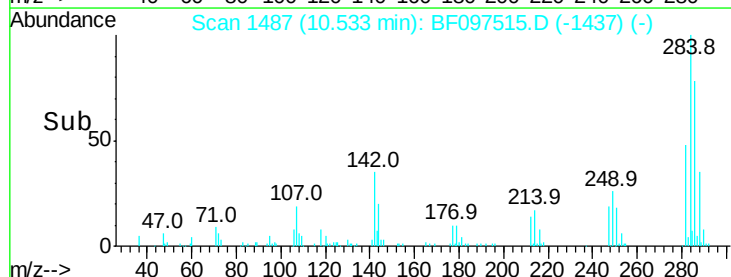
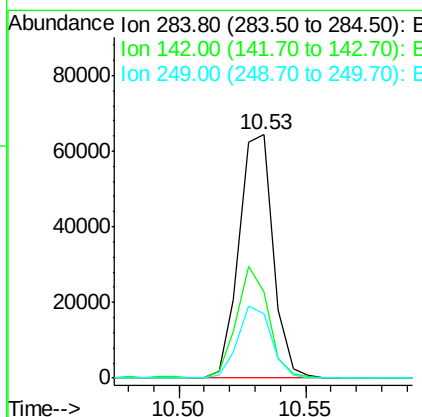
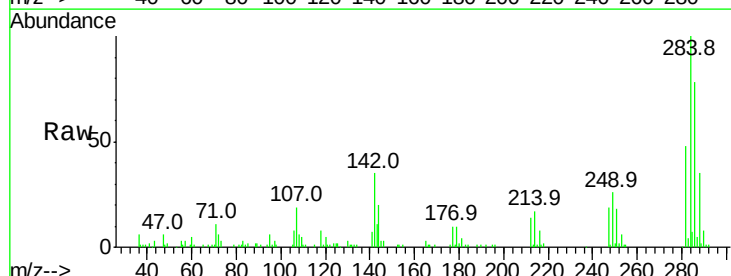
Manual Integrations
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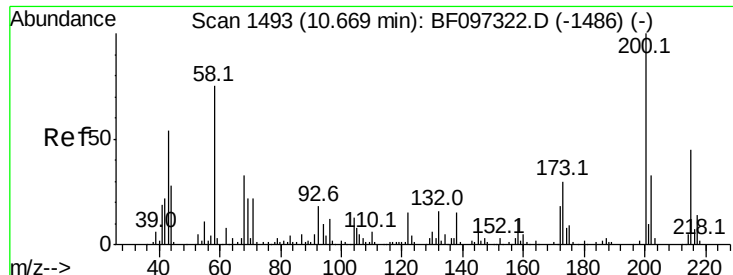
Sohil
 8/9/2017 7:17:21 PM



#67
 Hexachlorobenzene
 Concen: 29.830 ng
 RT: 10.53 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	22.8	34.2#
249	26.4	24.0	36.0





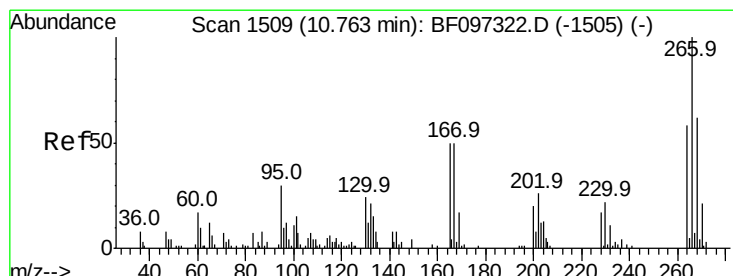
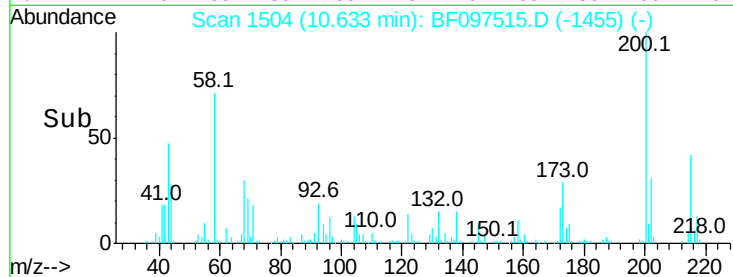
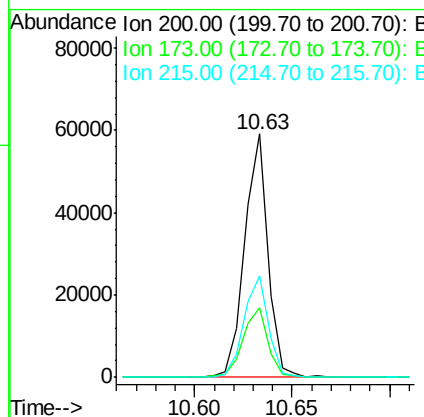
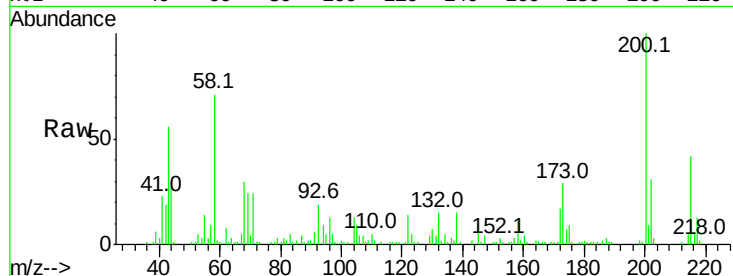
#68
 Atrazine
 Concen: 27.113 ng
 RT: 10.63 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.3	46.3
215	41.5	27.2	67.2

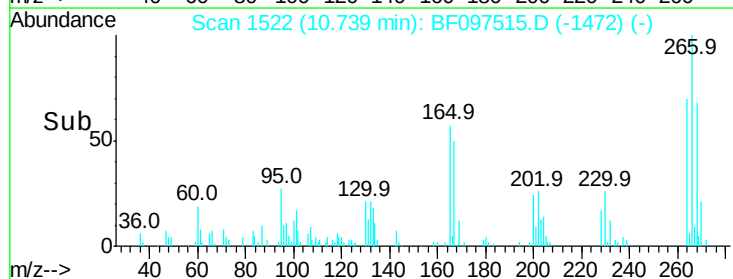
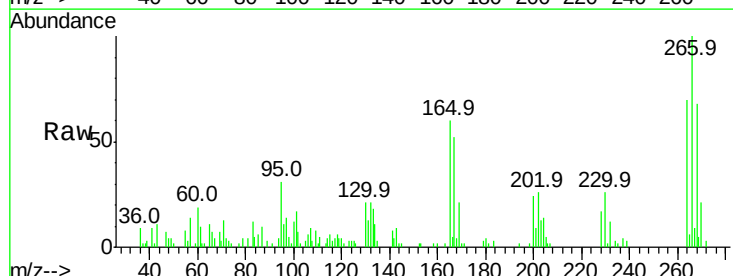
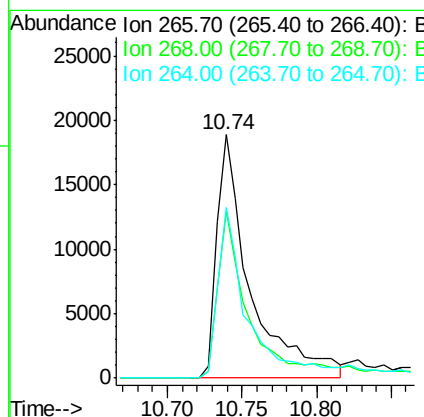
Manual Integrations
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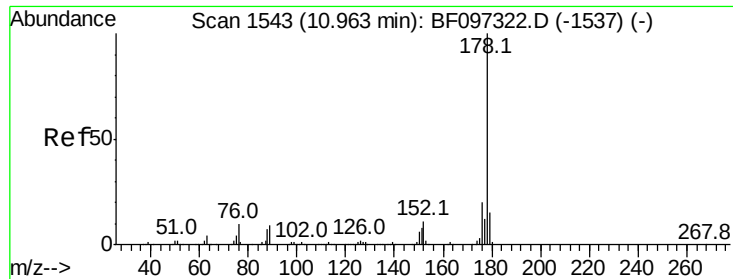
Sohil
 8/9/2017 7:17:21 PM



#69
 Pentachlorophenol
 Concen: 35.308 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	70.0	51.7	77.5





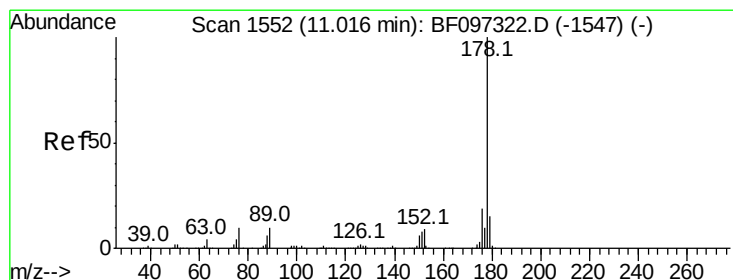
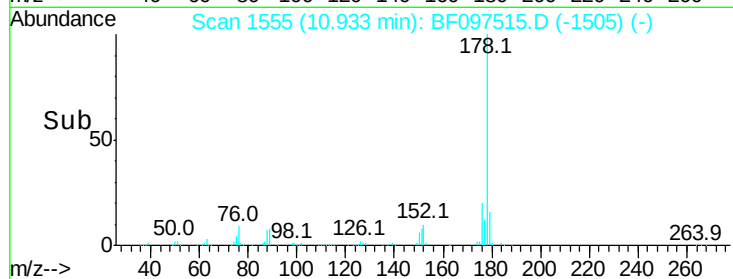
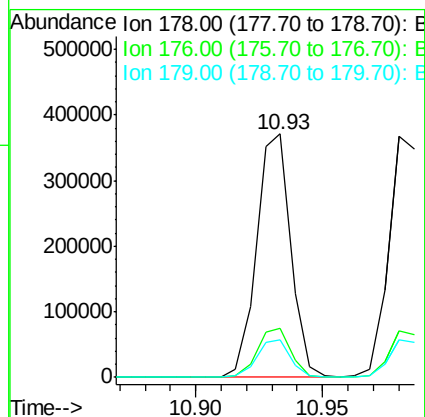
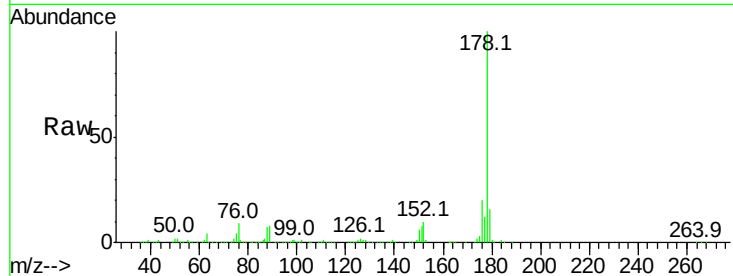
#70
Phenanthrene
Concen: 36.232 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion:178	Resp:	350114
Ion Ratio	Lower	Upper
178	100	
176	20.4	16.2 24.4
179	15.6	12.6 19.0

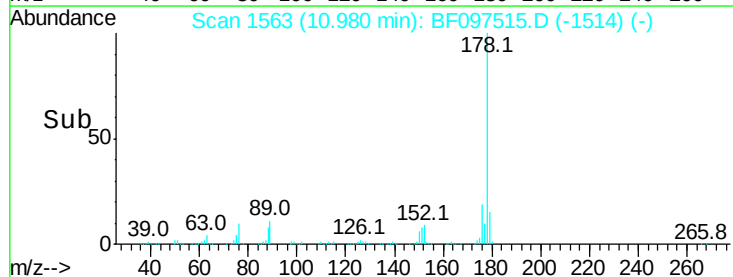
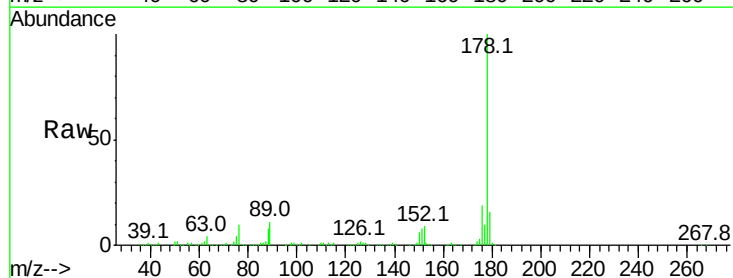
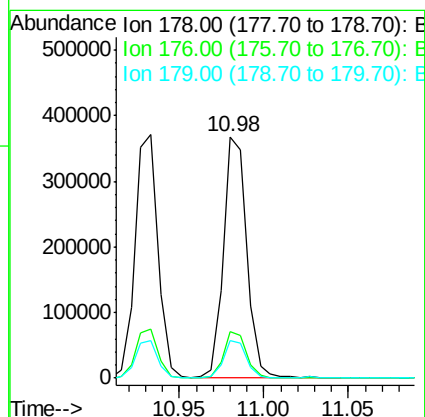
Manual Integrations
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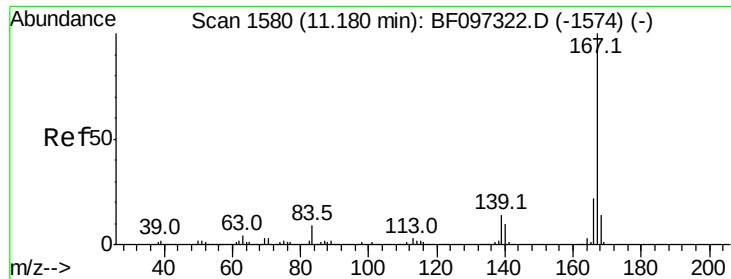
Sohil
8/9/2017 7:17:21 PM



#71
Anthracene
Concen: 35.709 ng
RT: 10.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion:178	Resp:	353408
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.8 23.8
179	15.6	12.7 19.1





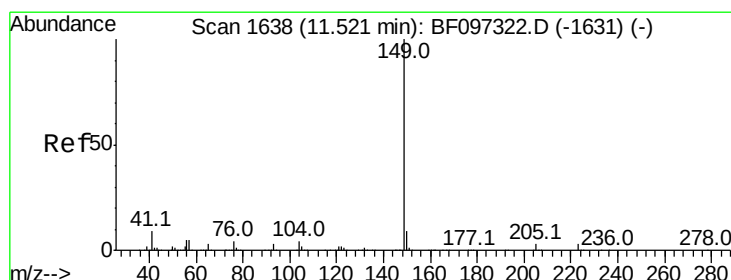
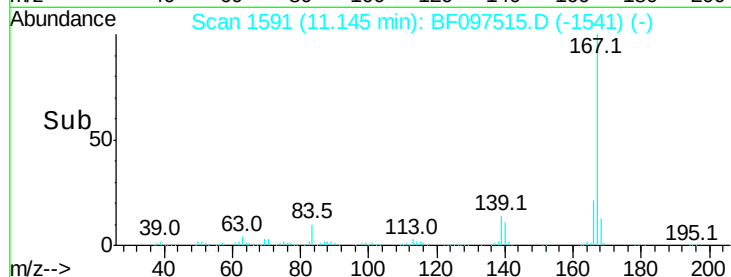
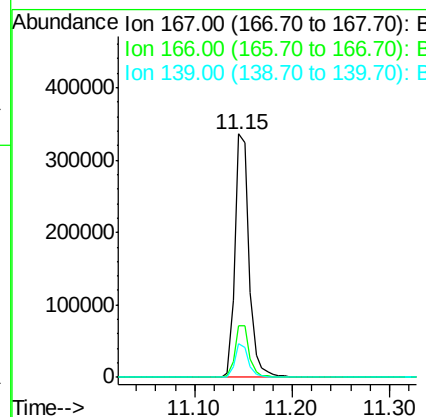
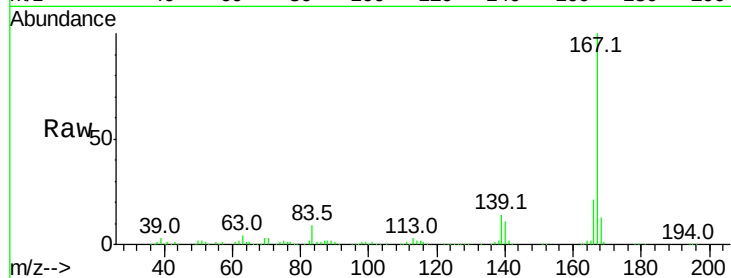
#72
 Carbazole
 Concen: 34.779 ng
 RT: 11.15 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.1	18.1	27.1	
139	13.7	11.7	17.5	

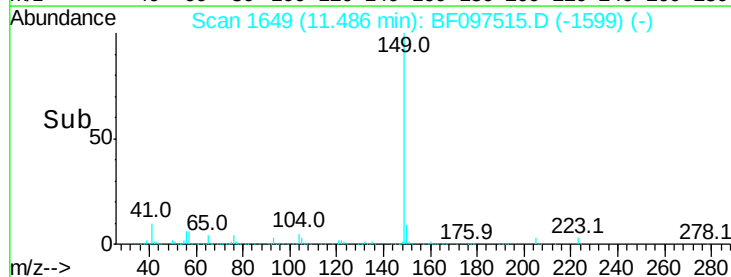
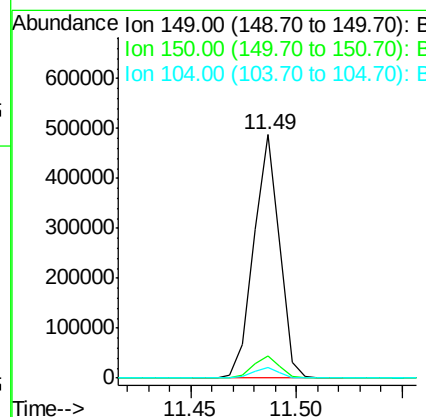
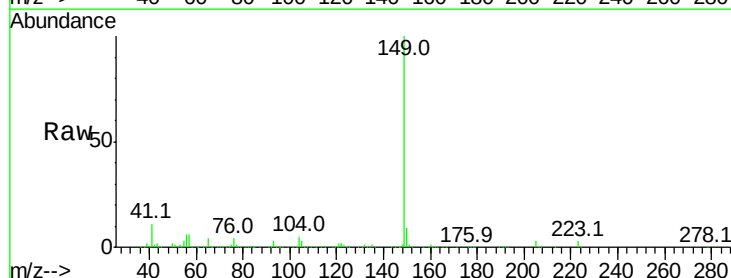
Manual Integrations
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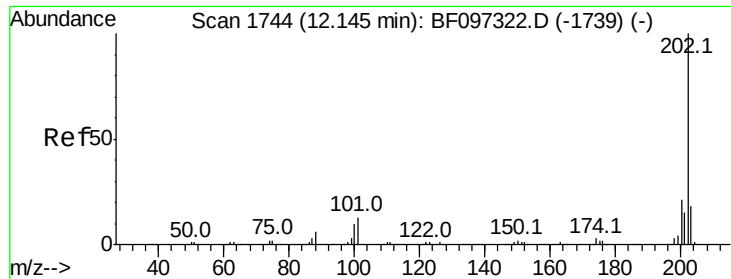
Sohil
 8/9/2017 7:17:21 PM



#73
 Di-n-butylphthalate
 Concen: 34.362 ng
 RT: 11.49 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.7	11.5	
104	4.6	4.0	6.0	





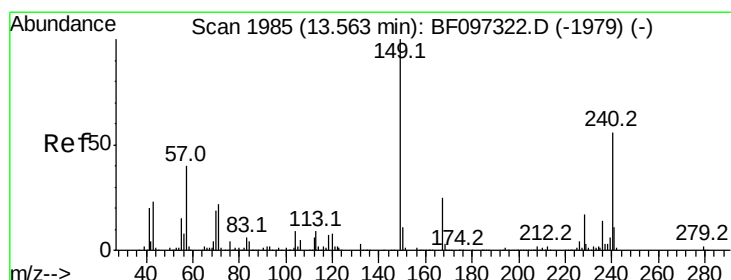
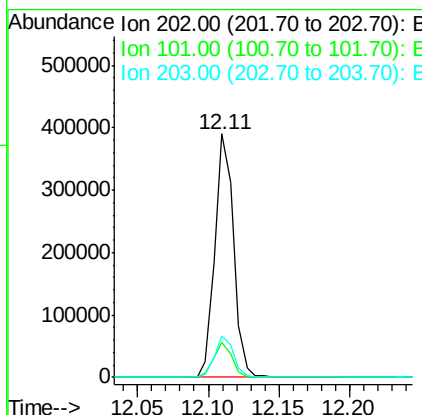
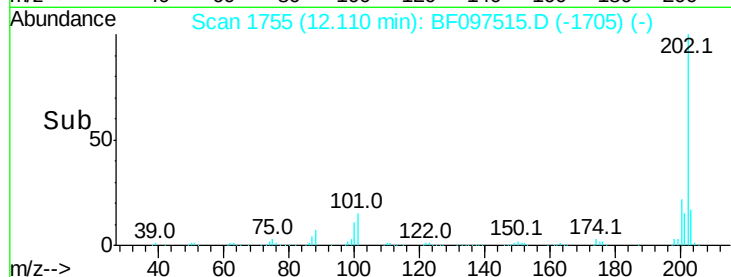
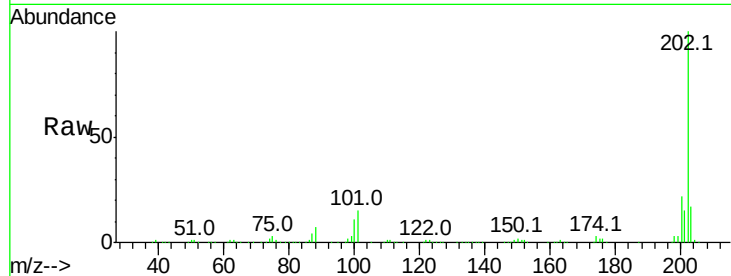
#74
Fluoranthene
Concen: 38.035 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.9	0.0	38.1

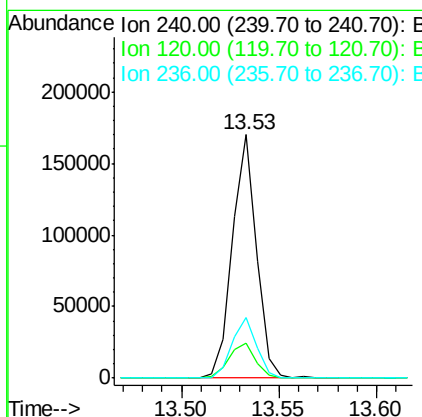
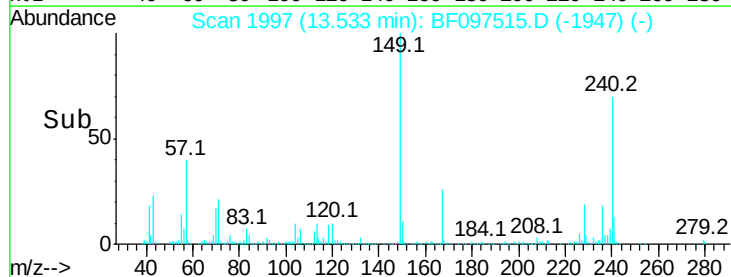
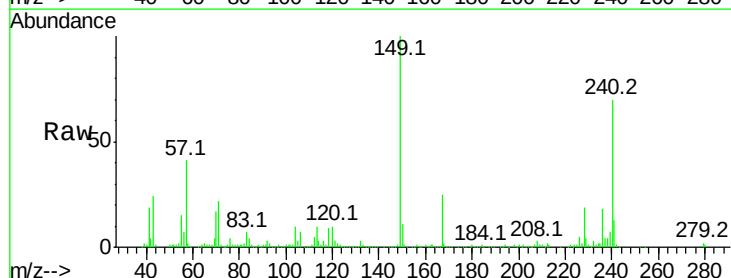
Manual Integrations
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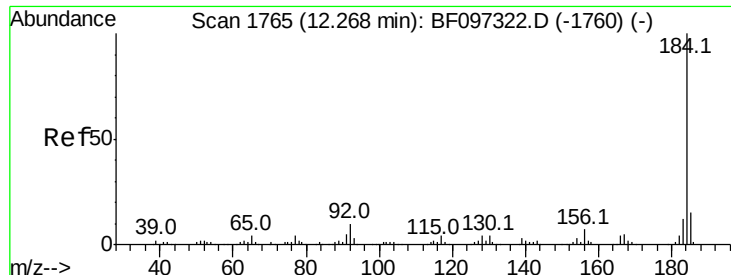
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7





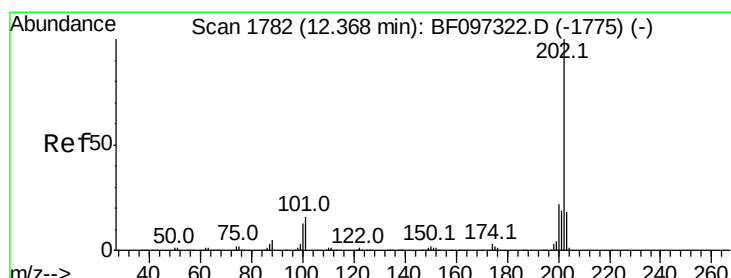
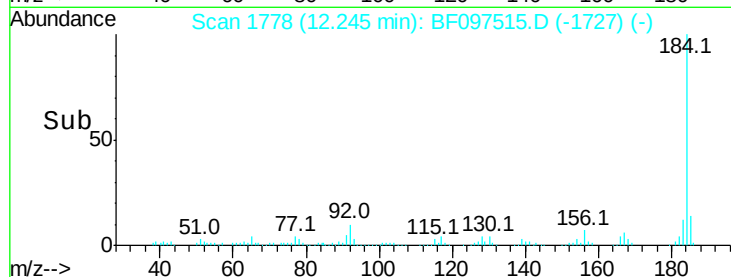
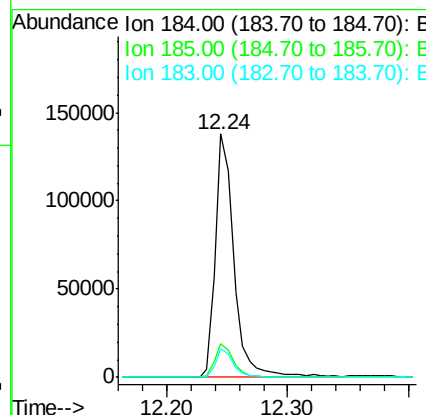
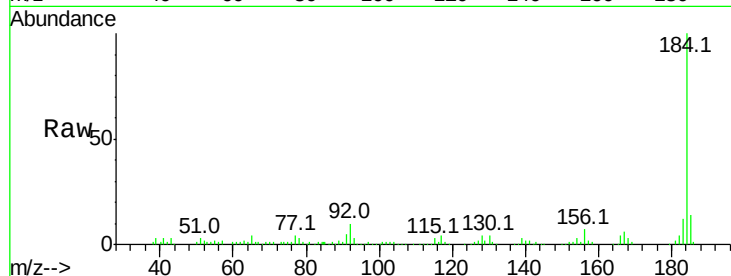
#76
Benzidine
Concen: 27.155 ng
RT: 12.24 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.7	15.5	23.3	
183	11.6	9.8	14.6	

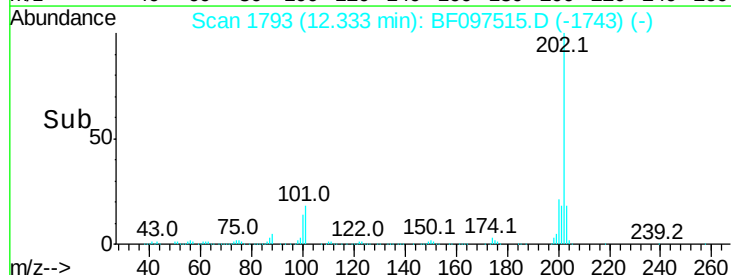
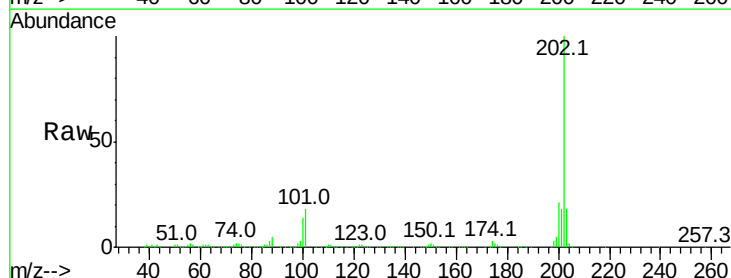
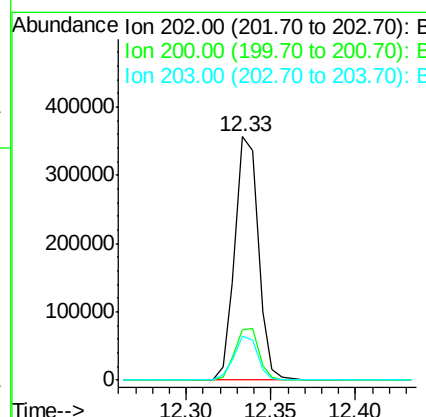
Manual Integrations
APPROVED

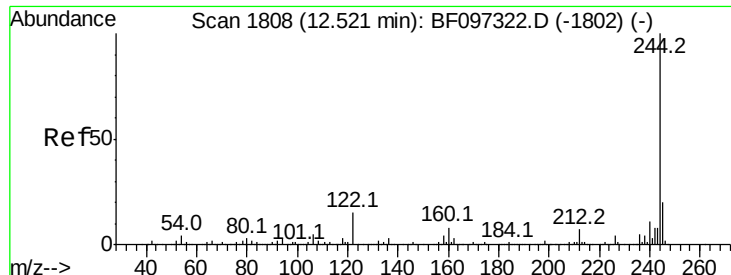
Sohil
8/9/2017 7:17:21 PM



#77
Pyrene
Concen: 29.061 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.6	26.4	
203	18.2	14.4	21.6	





#78

Terphenyl-d14

Concen: 53.164 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

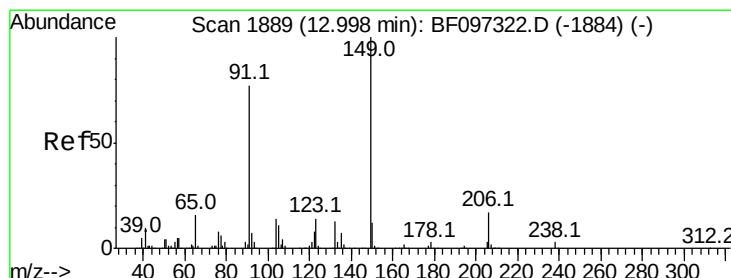
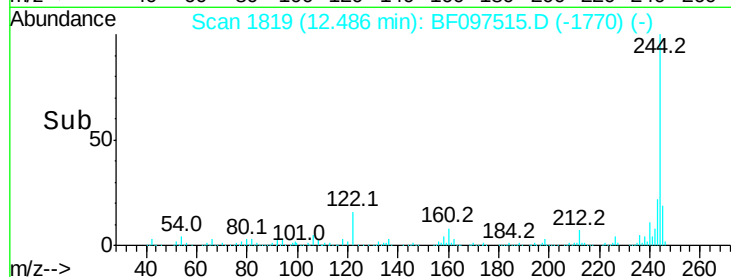
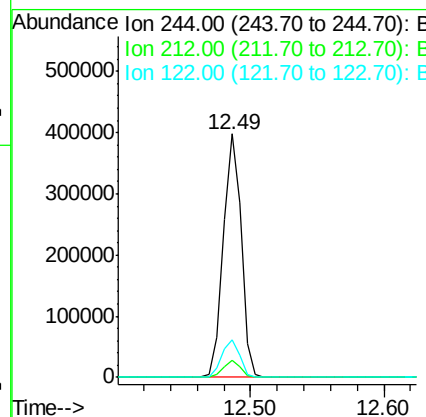
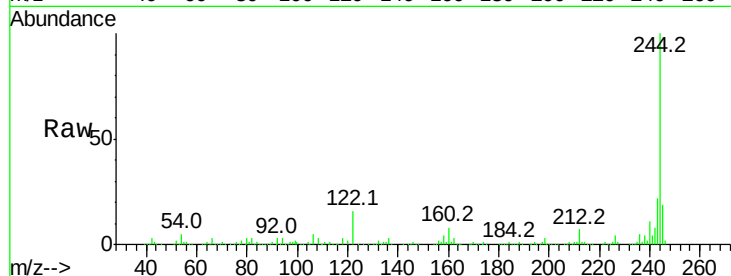
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	244	Resp:	379796
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.6	10.3	15.5#

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#79

Butylbenzylphthalate

Concen: 31.258 ng

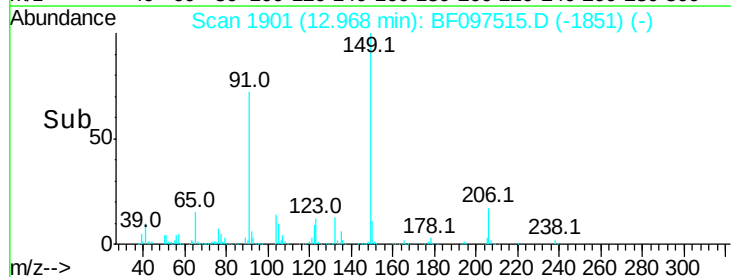
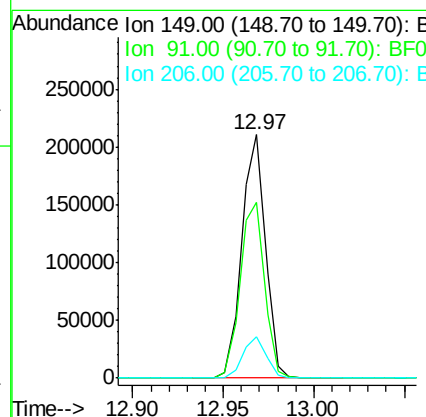
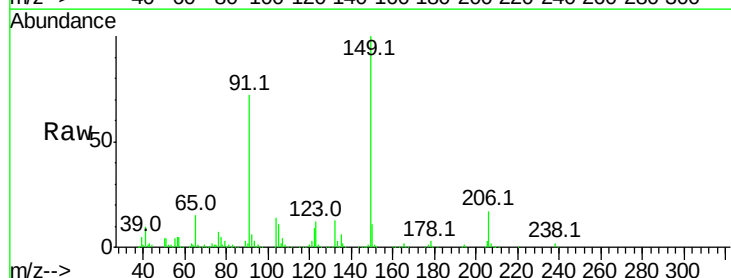
RT: 12.97 min Scan# 1901

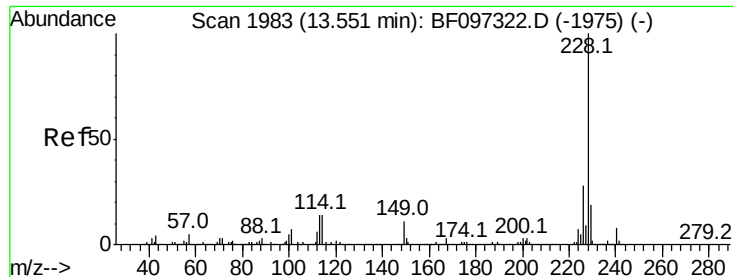
Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	149	Resp:	189595
Ion Ratio	Lower	Upper	
149	100		
91	72.3	45.0	67.4#
206	16.9	17.0	25.6#





#80

Benzo(a)anthracene

Concen: 28.463 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

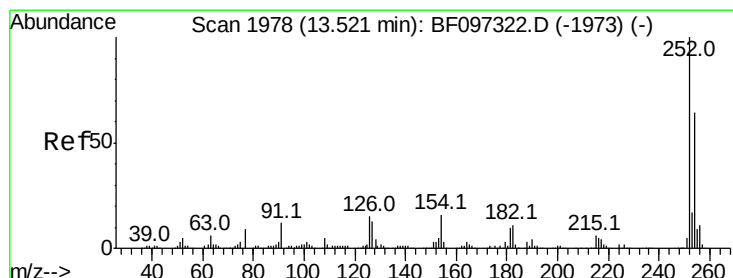
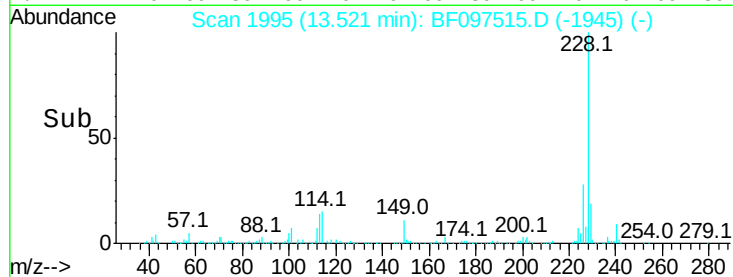
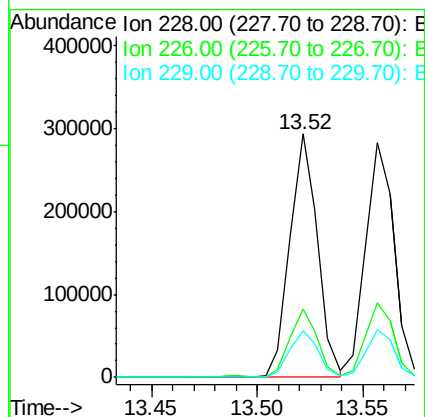
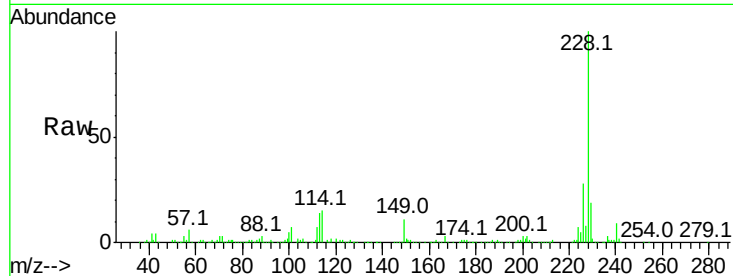
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	228	Resp:	268246
Ion Ratio		Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.4	16.3	24.5

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#81

3,3'-Dichlorobenzidine

Concen: 27.796 ng

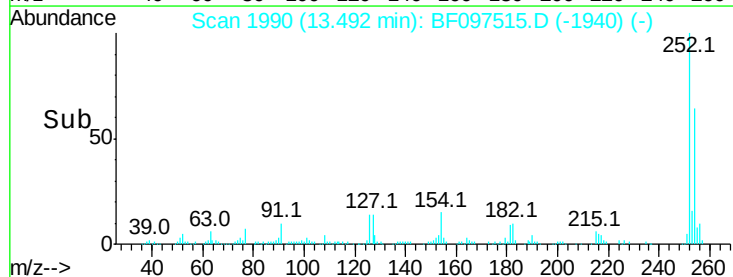
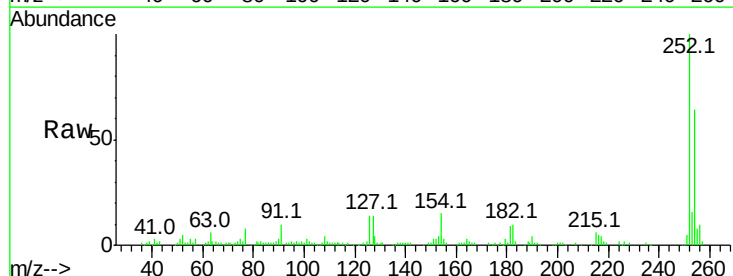
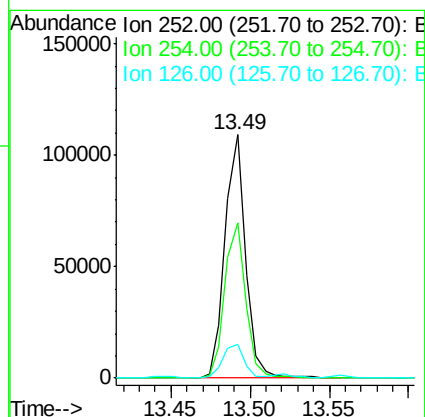
RT: 13.49 min Scan# 1990

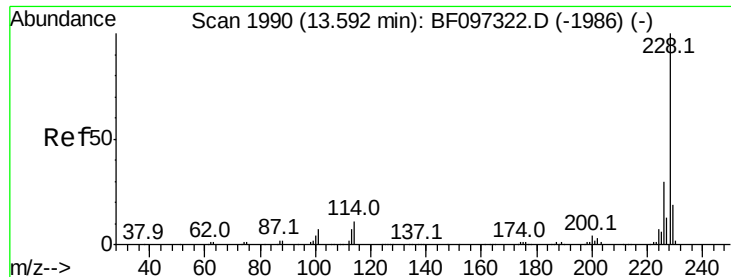
Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion:	252	Resp:	98787
Ion Ratio		Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.0	15.8	23.8#





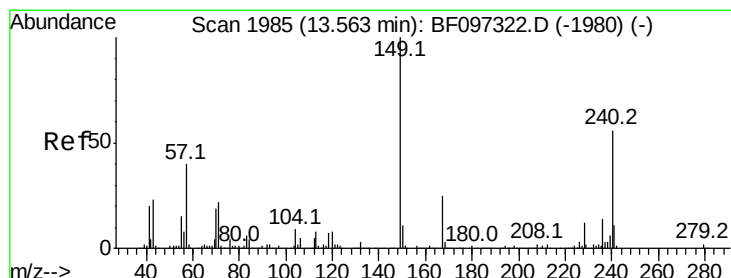
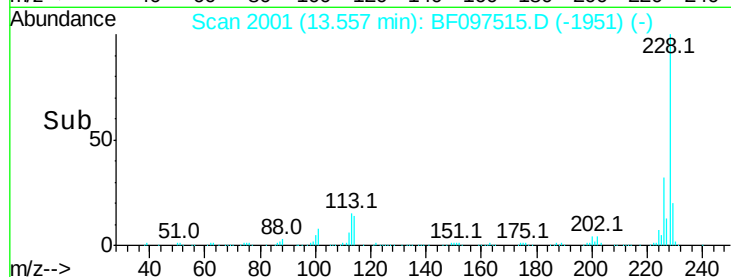
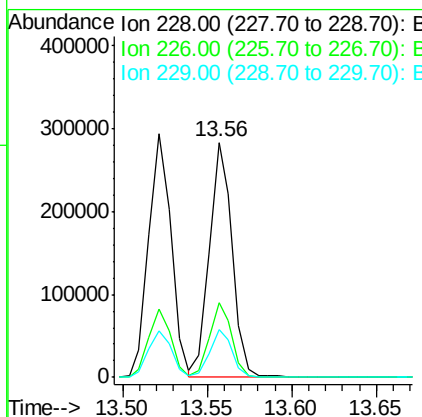
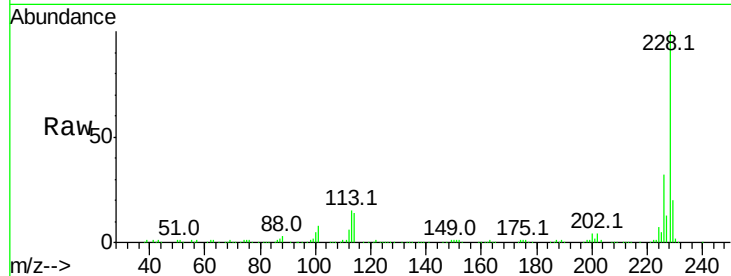
#82
 Chrysene
 Concen: 28.991 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	266792		
226	31.6	24.9	37.3	
229	20.2	15.8	23.6	

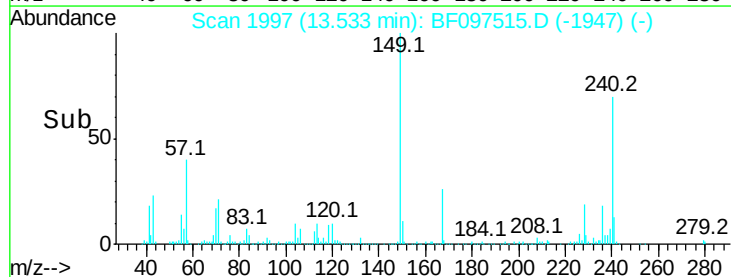
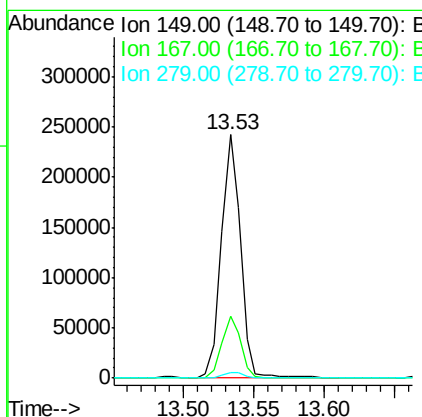
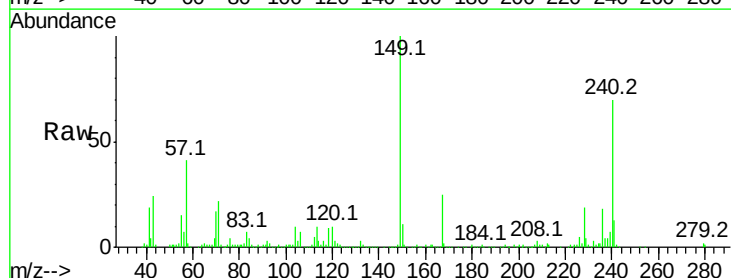
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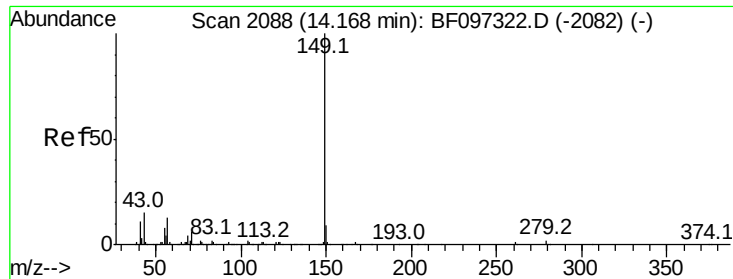
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.611 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097515.D
 Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	226579		
167	25.5	21.0	31.4	
279	2.2	1.9	2.9	





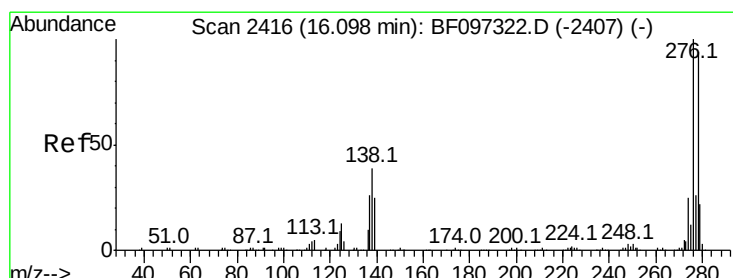
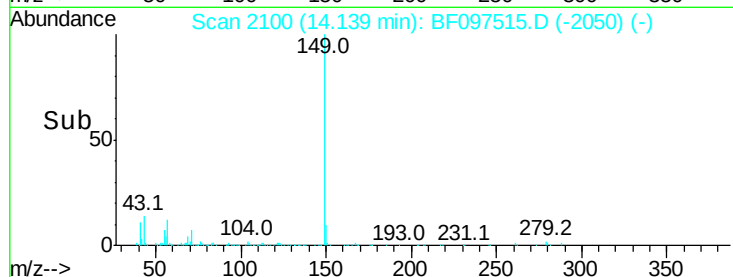
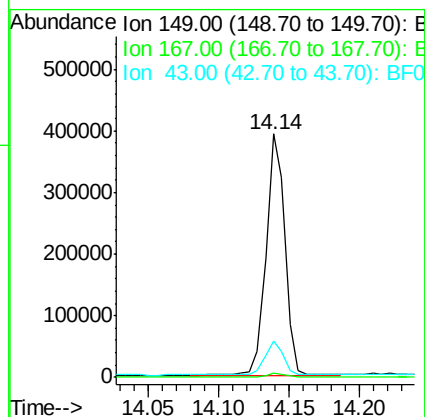
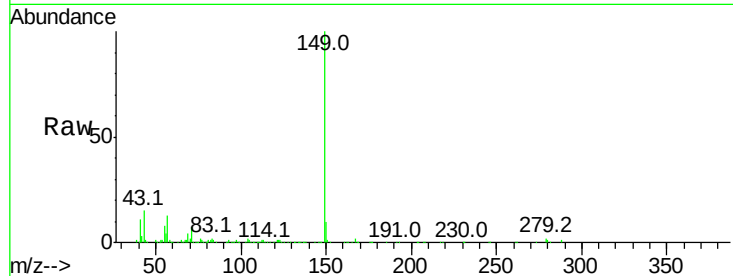
#84
Di-n-octyl phthalate
Concen: 26.193 ng
RT: 14.14 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.6	8.5	12.7

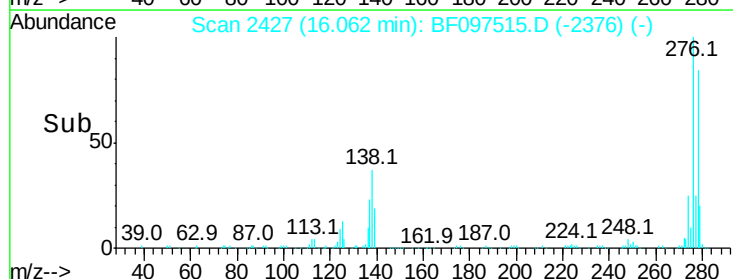
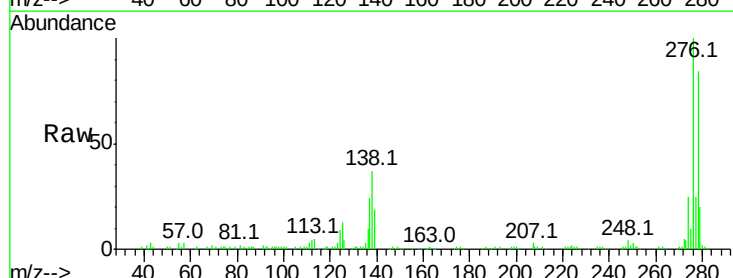
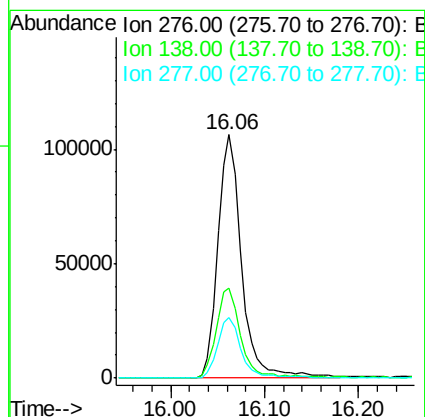
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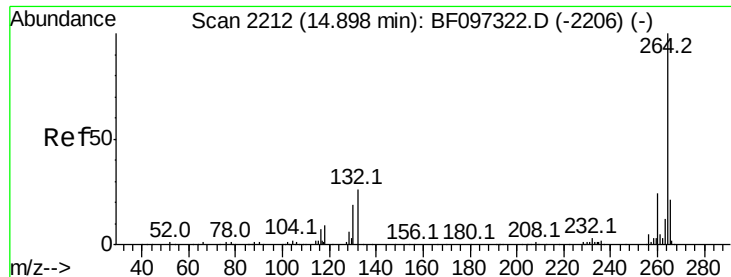
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#85
Indeno(1,2,3-cd)pyrene
Concen: 23.838 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	38.6	27.8	41.6
277	24.6	20.2	30.4





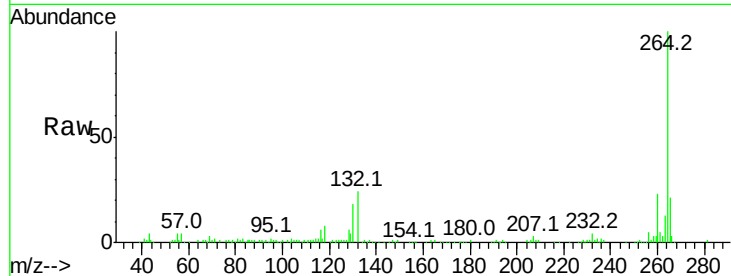
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

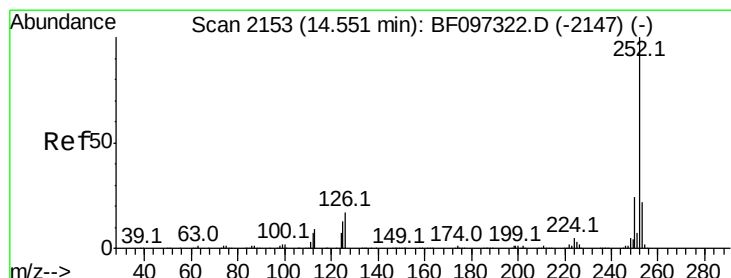
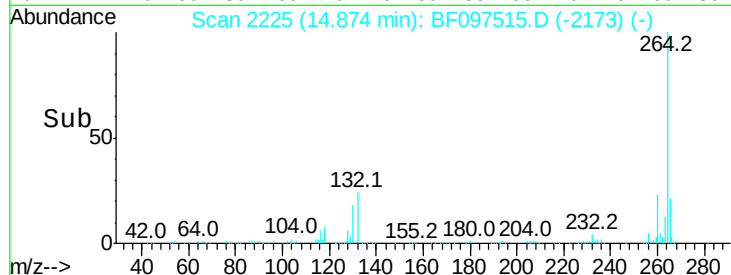
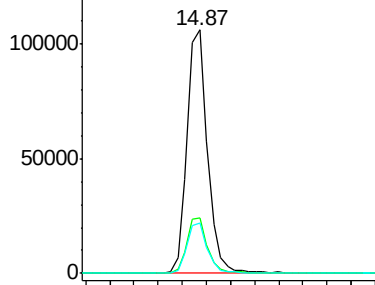
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.5	17.2	25.8

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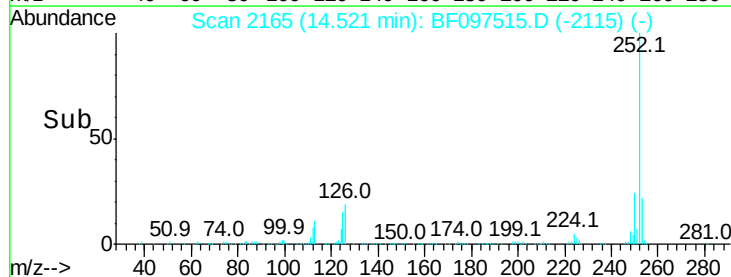
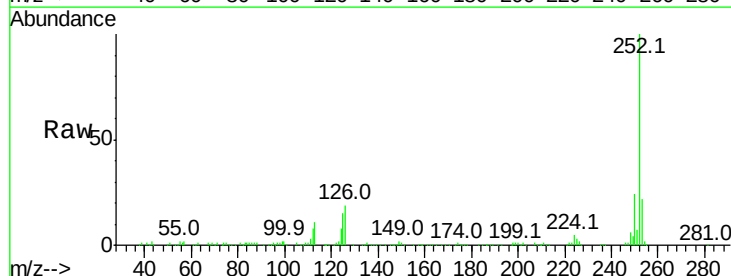
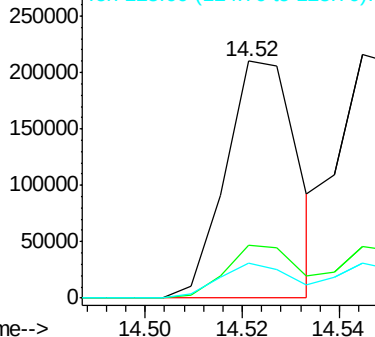
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

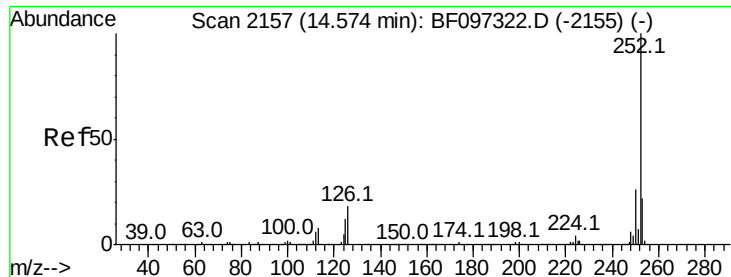


#87
Benzo(b)fluoranthene
Concen: 28.895 ng m
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.8	9.8	14.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 31.657 ng

RT: 14.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Instrument :

BNA_F

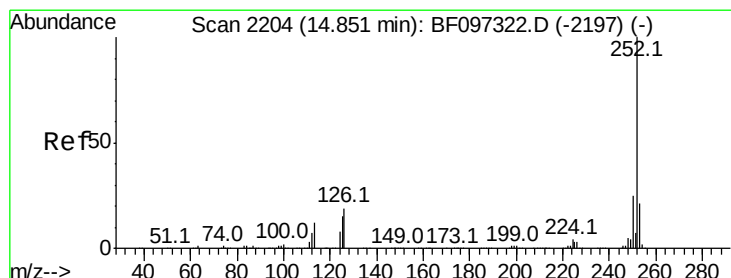
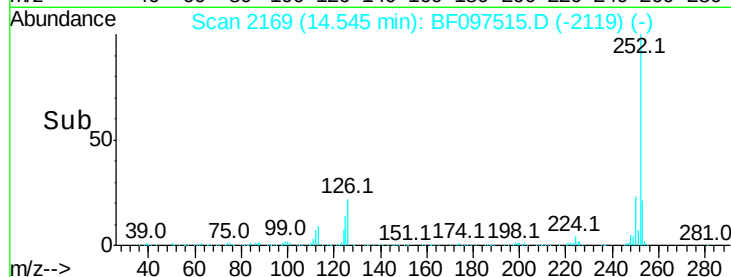
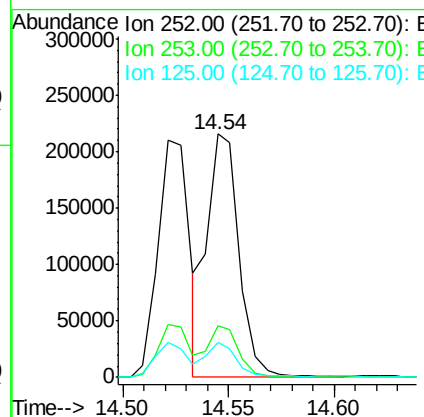
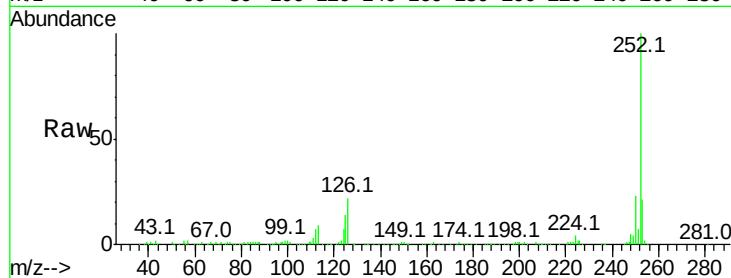
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	224984		
253	21.1	18.4	27.6	
125	14.3	13.1	19.7	

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#89

Benzo(a)pyrene

Concen: 29.923 ng

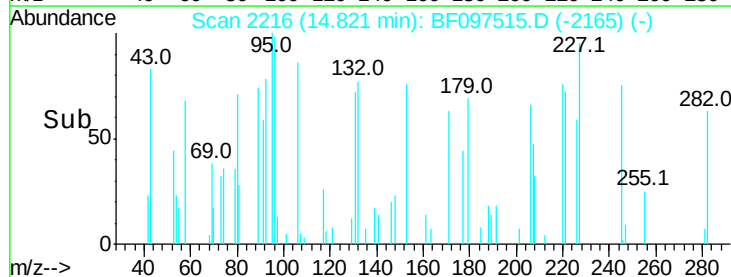
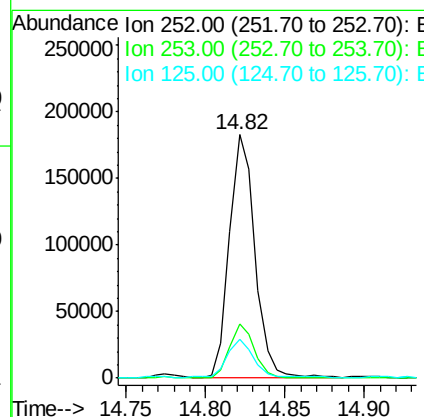
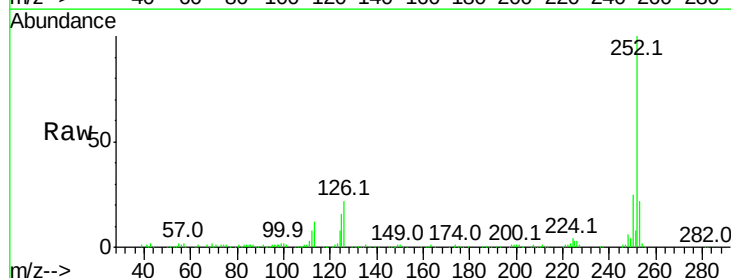
RT: 14.82 min Scan# 2216

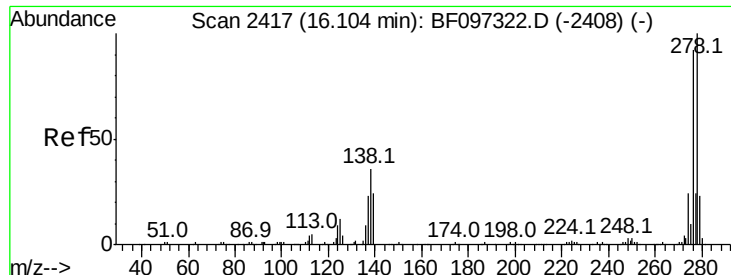
Delta R.T. 0.00 min

Lab File: BF097515.D

Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	204245		
253	22.0	17.5	26.3	
125	15.7	11.0	16.4	





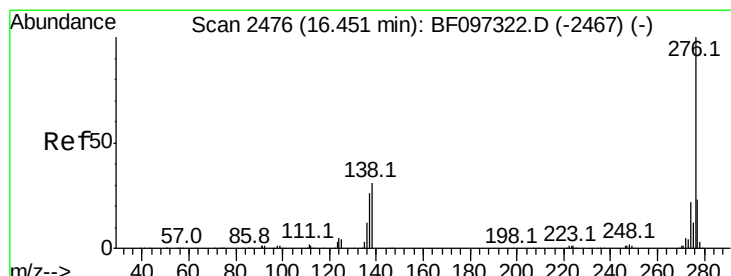
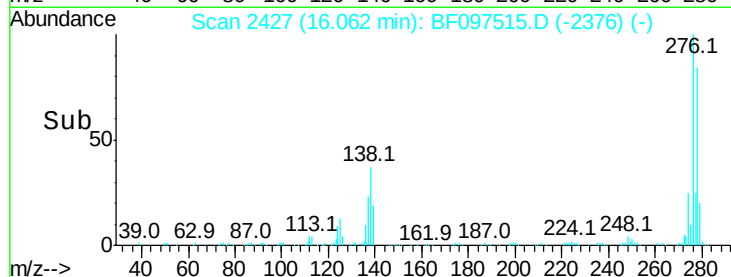
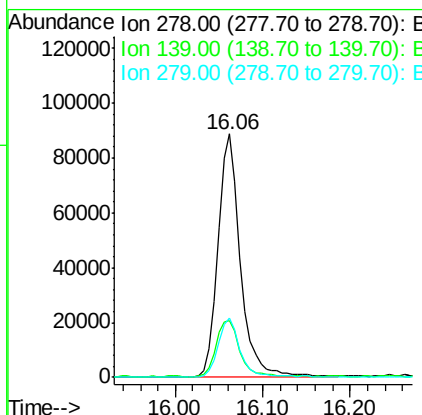
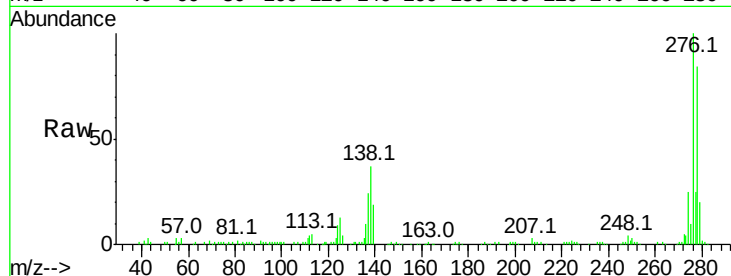
#90
Dibenzo(a,h)anthracene
Concen: 28.304 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	24.4	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 26.262 ng
RT: 16.42 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097515.D
Acq: 9 Aug 2017 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	33.0	25.4	38.0

