

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097274.D
 Acq On : 2 Aug 2017 15:38
 Operator : SJ/JU
 Sample : PB101142BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:02 PM

Quant Time: Aug 02 17:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 17:05:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	117674	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	470317	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	240424	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	389019	20.00	ng	0.00
75) Chrysene-d12	13.57	240	239848	20.00	ng	0.00
86) Perylene-d12	14.92	264	199053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	888168	113.78	ng	0.01
7) Phenol-d6	6.13	99	1018986	114.35	ng	0.00
23) Nitrobenzene-d5	7.03	82	624136	77.85	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	194158	102.21	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1061733	74.95	ng	0.00
78) Terphenyl-d14	12.53	244	860047	73.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	109421	33.590	ng	# 72
3) Pyridine	2.65	79	323905	32.472	ng	# 57
4) n-Nitrosodimethylamine	2.60	42	195920	35.454	ng	80
6) Aniline	6.12	93	329533	29.386	ng	89
8) 2-Chlorophenol	6.25	128	318870	38.203	ng	96
9) Benzaldehyde	5.99	77	174627	33.106	ng	97
10) Phenol	6.14	94	393612	37.238	ng	96
11) bis(2-Chloroethyl)ether	6.20	93	303715	36.329	ng	89
12) 1,3-Dichlorobenzene	6.39	146	326721	36.322	ng	97
13) 1,4-Dichlorobenzene	6.47	146	339439	38.078	ng	95
14) 1,2-Dichlorobenzene	6.62	146	282246	36.263	ng	97
15) Benzyl Alcohol	6.62	79	234937	41.640	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.75	45	622855	37.145	ng	54
17) 2-Methylphenol	6.75	107	246567	38.275	ng	# 88
18) Hexachloroethane	6.96	117	129068	39.577	ng	# 81
19) n-Nitroso-di-n-propylamine	6.89	70	236627	40.340	ng	# 85
20) 3+4-Methylphenols	6.90	107	378927	45.037	ng	# 62
22) Acetophenone	6.87	105	441100	39.054	ng	# 98
24) Nitrobenzene	7.04	77	322468	38.620	ng	97
25) Isophorone	7.29	82	636561	40.544	ng	97
26) 2-Nitrophenol	7.36	139	163932	36.290	ng	91
27) 2,4-Dimethylphenol	7.42	122	267606	35.912	ng	97
28) bis(2-Chloroethoxy)methane	7.50	93	365837	35.706	ng	100
29) 2,4-Dichlorophenol	7.61	162	246630	38.419	ng	97
30) 1,2,4-Trichlorobenzene	7.68	180	226827	37.070	ng	98
31) Naphthalene	7.76	128	866970	39.105	ng	100
32) Benzoic acid	7.59	122	189116	33.987	ng	95
33) 4-Chloroaniline	7.82	127	189430	20.999	ng	98
34) Hexachlorobutadiene	7.88	225	119343	36.790	ng	97
35) Caprolactam	8.20	113	87012m	42.270	ng	
36) 4-Chloro-3-methylphenol	8.33	107	294342	42.028	ng	86
37) 2-Methylnaphthalene	8.45	142	588408	41.918	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	206080	32.124	ng	99
40) Hexachlorocyclopentadiene	8.60	237	125305	57.847	ng	100

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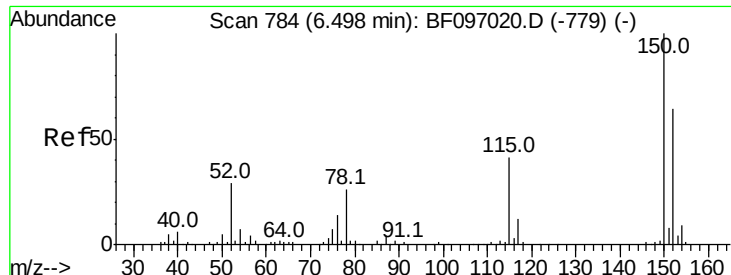
Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	154620	33.260	nq	97
43) 2,4,5-Trichlorophenol	8.79	196	162949	35.019	nq	98
45) 1,1'-Biphenyl	8.91	154	712209	34.682	nq	97
46) 2-Chloronaphthalene	8.93	162	547936	36.259	nq	93
47) 2-Nitroaniline	9.04	65	207727	37.877	nq	96
48) Acenaphthylene	9.34	152	793703	34.218	nq	99
49) Dimethylphthalate	9.22	163	646972	35.436	nq	99
50) 2,6-Dinitrotoluene	9.29	165	137682	35.556	nq #	83
51) Acenaphthene	9.52	154	504094	36.895	nq	97
52) 3-Nitroaniline	9.45	138	131180	27.293	nq	95
53) 2,4-Dinitrophenol	9.57	184	130993	74.401	nq #	76
54) Dibenzofuran	9.69	168	689379	37.880	nq	97
55) 4-Nitrophenol	9.65	139	153174	53.589	nq #	61
56) 2,4-Dinitrotoluene	9.69	165	174559	39.214	nq #	65
57) Fluorene	10.03	166	483668	35.361	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	129694	40.368	nq #	95
59) Diethylphthalate	9.92	149	594605	35.499	nq	99
60) 4-Chlorophenyl-phenylether	10.02	204	202563	35.863	nq	97
61) 4-Nitroaniline	10.07	138	151984	33.279	nq	93
62) Azobenzene	10.18	77	567079	36.494	nq	94
64) 4,6-Dinitro-2-methylphenol	10.10	198	90608	37.483	nq	89
65) n-Nitrosodiphenylamine	10.15	169	476608	35.212	nq	98
66) 4-Bromophenyl-phenylether	10.50	248	145956	37.595	nq	93
67) Hexachlorobenzene	10.57	284	151035	34.692	nq #	88
68) Atrazine	10.68	200	153376	39.516	nq	94
69) Pentachlorophenol	10.78	266	115259	63.986	nq	96
70) Phenanthrene	10.98	178	785968	37.708	nq	100
71) Anthracene	11.03	178	828492	38.808	nq	99
72) Carbazole	11.19	167	754396	35.931	nq	99
73) Di-n-butylphthalate	11.53	149	1040271	40.083	nq	99
74) Fluoranthene	12.16	202	798715	39.115	nq	98
76) Benzidine	12.29	184	427336	48.018	nq #	92
77) Pyrene	12.38	202	818309	41.675	nq	100
79) Butylbenzylphthalate	13.02	149	446650	44.718	nq #	80
80) Benzo(a)anthracene	13.56	228	606486	39.080	nq	100
81) 3,3'-Dichlorobenzidine	13.53	252	134474	22.978	nq #	98
82) Chrysene	13.60	228	589624	38.909	nq	99
83) Bis(2-ethylhexyl)phthalate	13.58	149	525363	40.285	nq	100
84) Di-n-octyl phthalate	14.19	149	942543	39.384	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.12	276	413256	31.803	nq	97
87) Benzo(b)fluoranthene	14.56	252	487864	40.772	nq	98
88) Benzo(k)fluoranthene	14.59	252	444232	38.961	nq	97
89) Benzo(a)pyrene	14.87	252	427151	39.005	nq	98
90) Dibenzo(a,h)anthracene	16.13	278	337254	37.554	nq	95
91) Benzo(g,h,i)perylene	16.48	276	369240	39.208	nq	100

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



#1

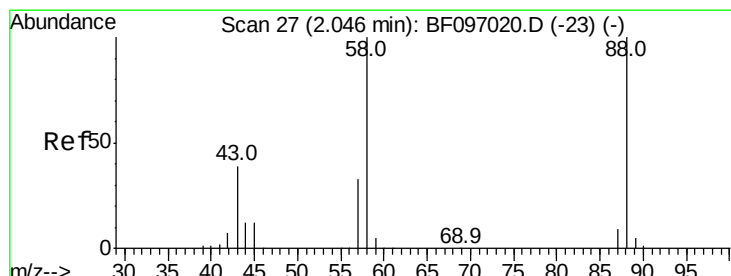
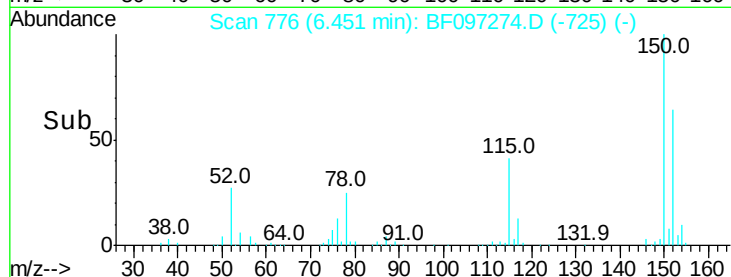
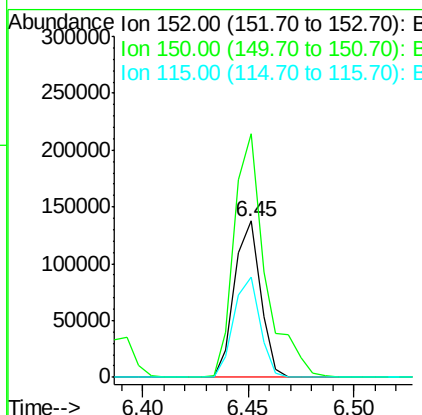
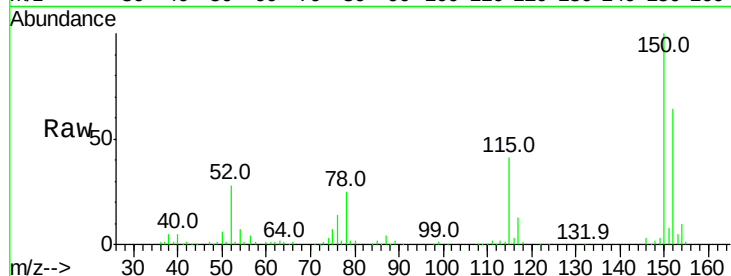
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	64.1	52.2	78.2

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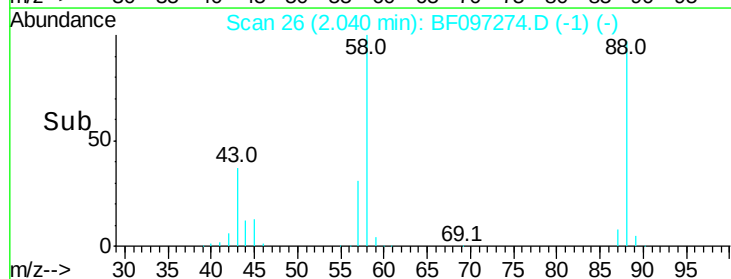
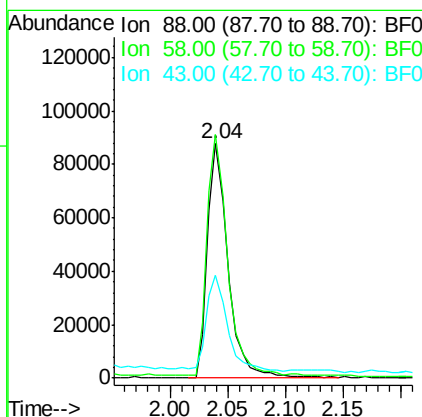
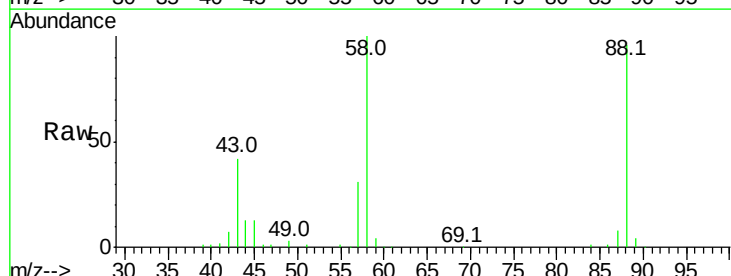
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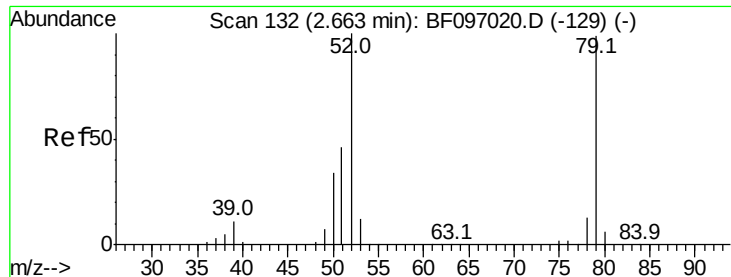


#2

1,4-Dioxane
Concen: 33.590 ng
RT: 2.04 min Scan# 26
Delta R.T. 0.06 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.0	61.4	92.0#
43	41.1	23.4	35.0#





#3

Pvridine

Concen: 32.472 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.06 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

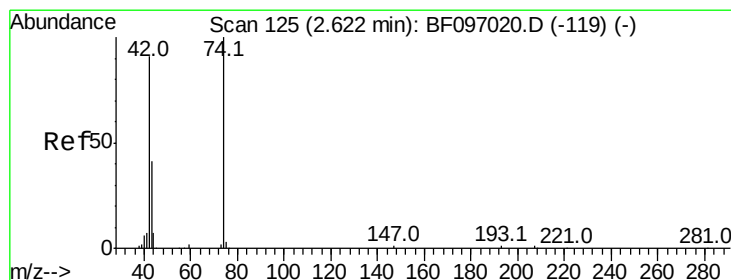
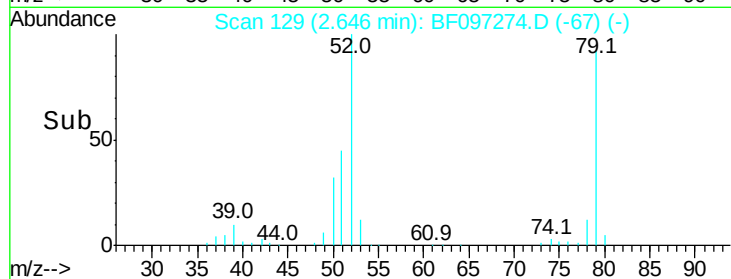
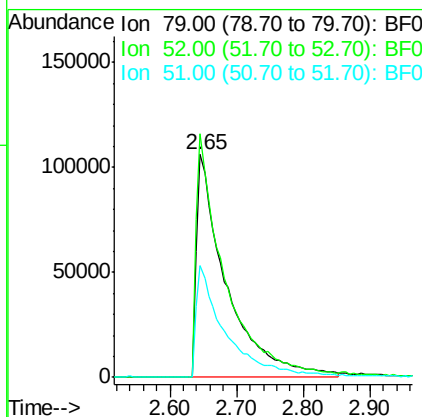
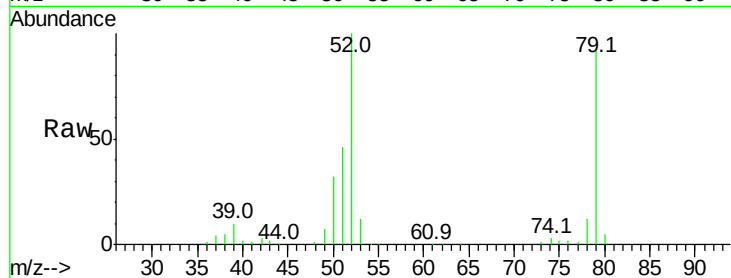
ClientSampleId :

PB101142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	109.2	54.8	82.2#		
51	50.0	27.0	40.4#		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.454 ng

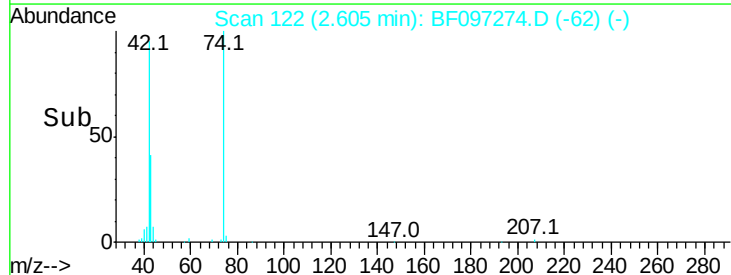
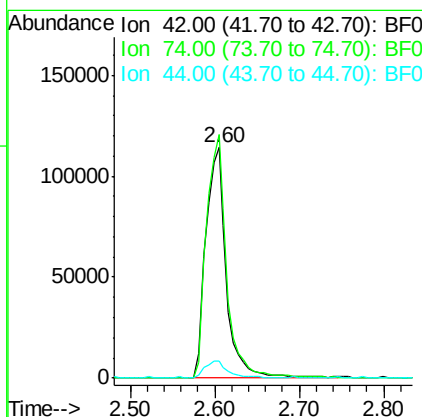
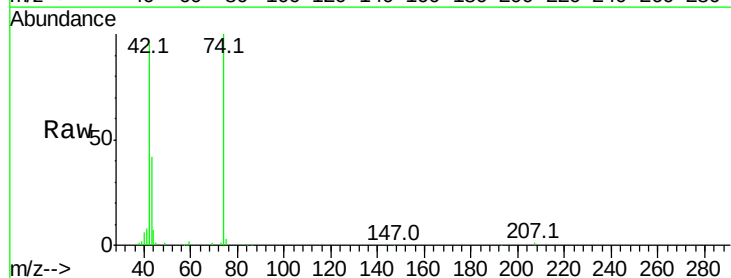
RT: 2.60 min Scan# 122

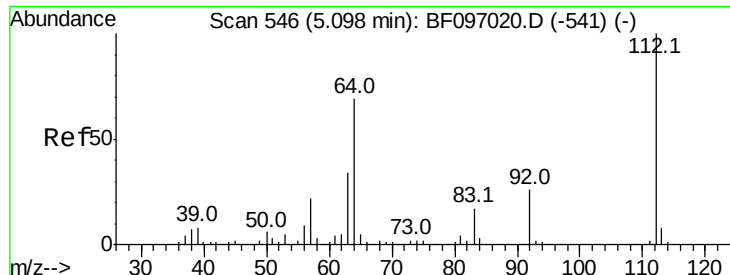
Delta R.T. 0.05 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	105.7	103.9	155.9		
44	7.4	5.7	8.5		





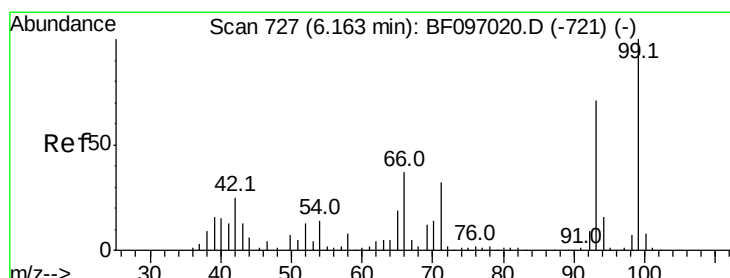
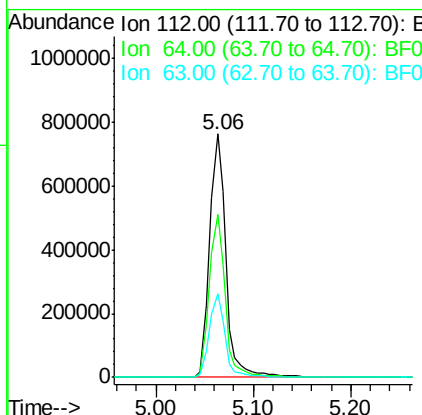
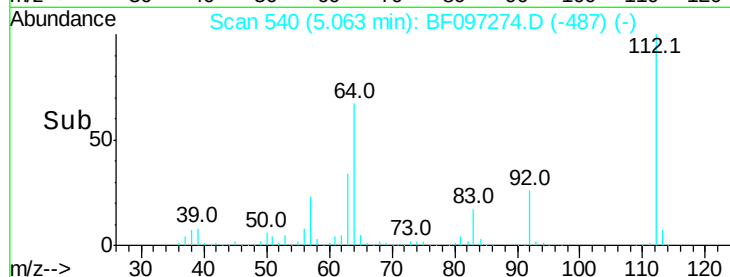
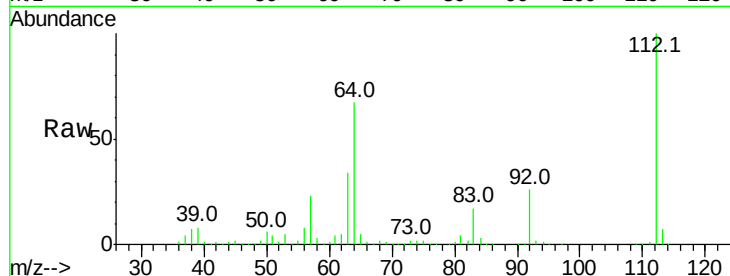
#5
 2-Fluorophenol
 Concen: 113.781 ng
 RT: 5.06 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion:	112	Resp:	888168
Ion Ratio	Lower	Upper	
112	100		
64	66.9	46.0	69.0
63	34.2	23.4	35.0

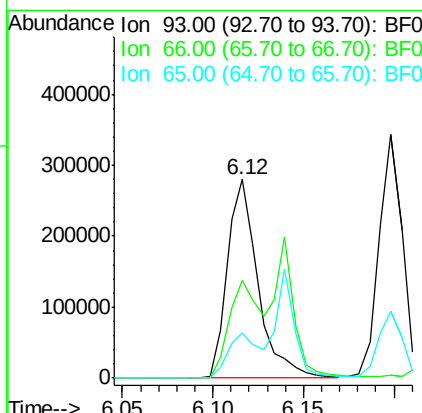
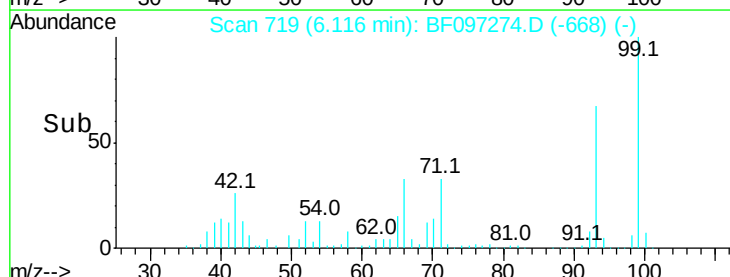
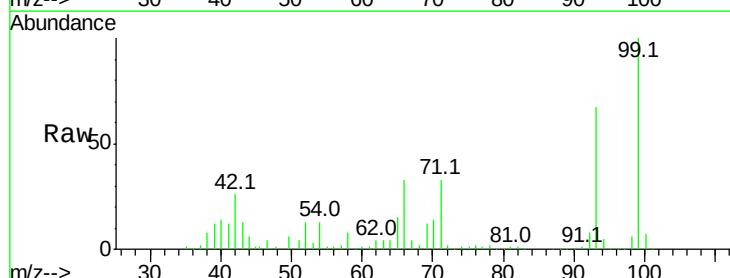
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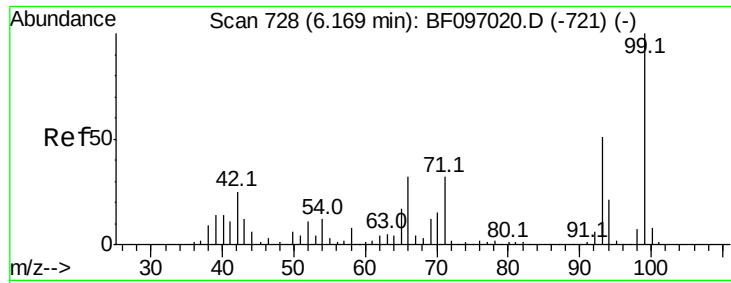
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#6
 Aniline
 Concen: 29.386 ng
 RT: 6.12 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:	93	Resp:	329533
Ion Ratio	Lower	Upper	
93	100		
66	49.3	32.9	49.3
65	22.8	16.0	24.0





#7

Phenol-d6

Concen: 114.346 ng

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampled :

PB101142BS

Tot Ion: 99 Resp: 1018986

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

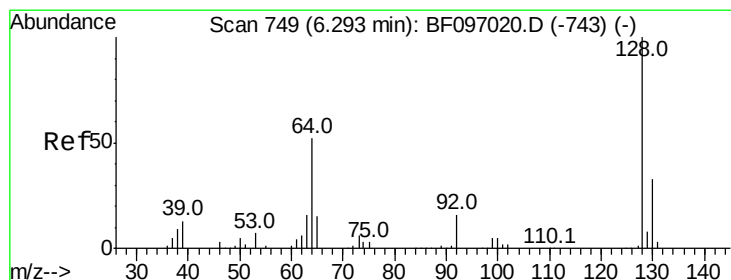
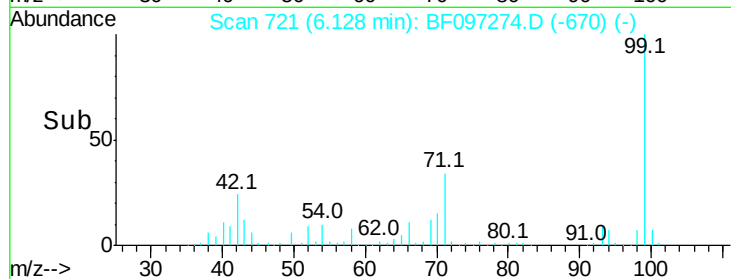
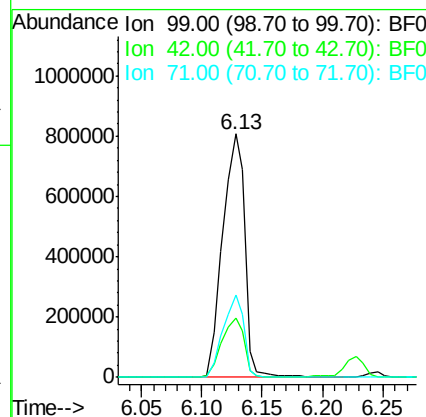
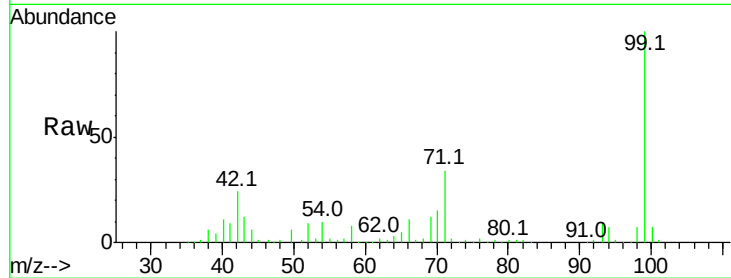
71 33.8 24.5 36.7

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#8

2-Chlorophenol

Concen: 38.203 ng

RT: 6.25 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

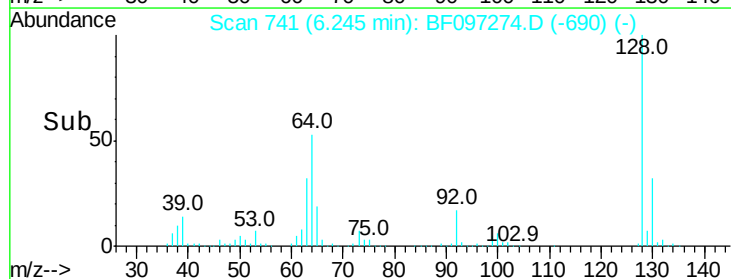
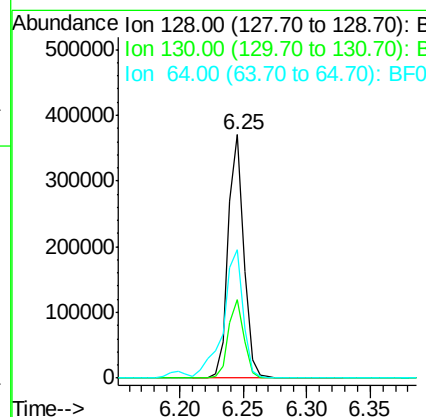
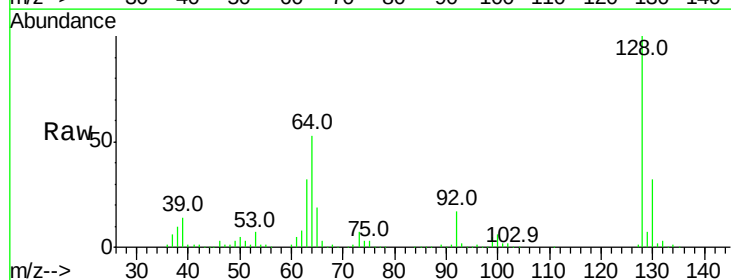
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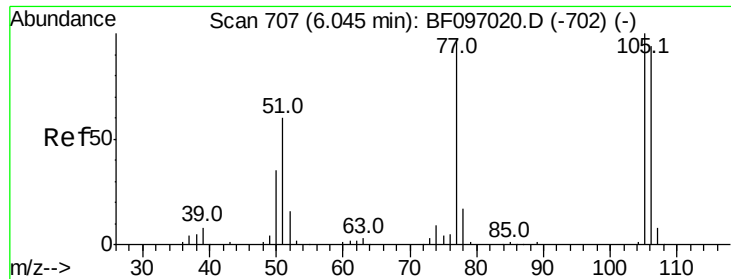
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 52.9 28.4 68.4





#9

Benzaldehyde

Concen: 33.106 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

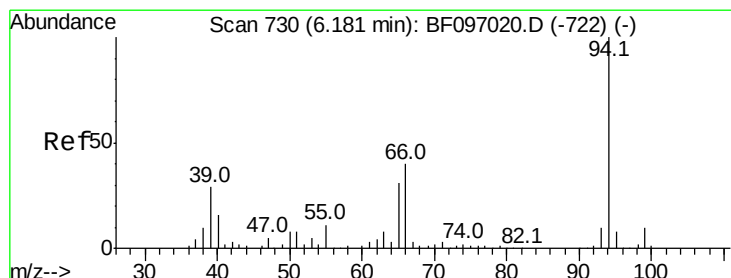
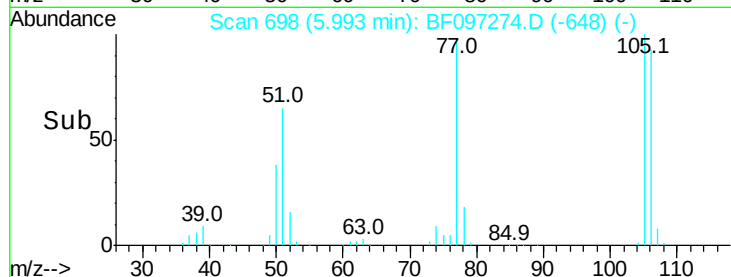
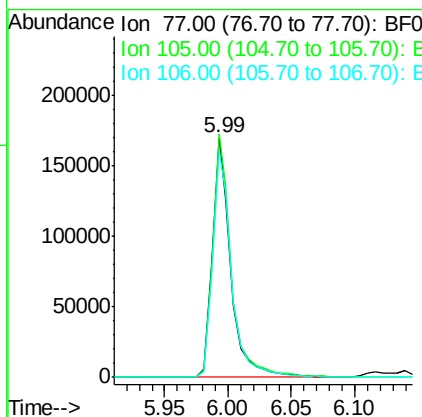
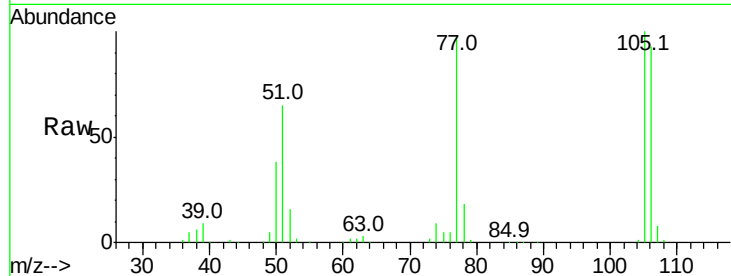
ClientSampleId :

PB101142BS

Tot Ion:	77	Resp:	174627
Ion Ratio	Lower	Upper	
77	100		
105	101.6	83.8	123.8
106	94.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.238 ng

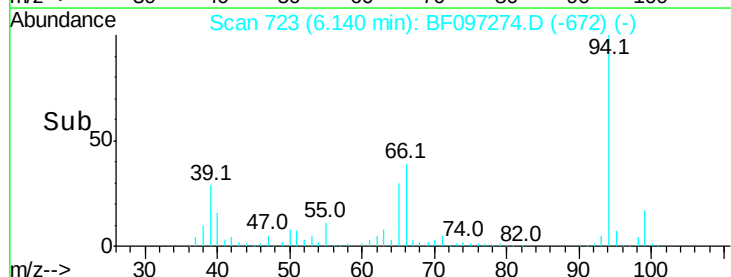
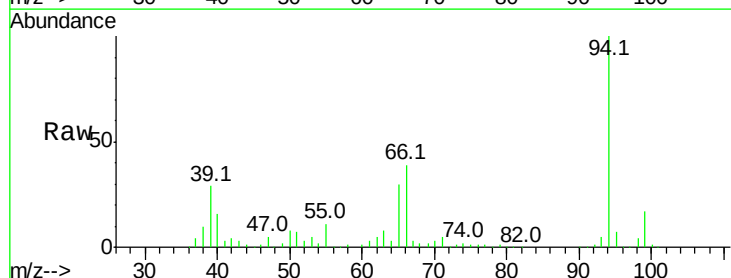
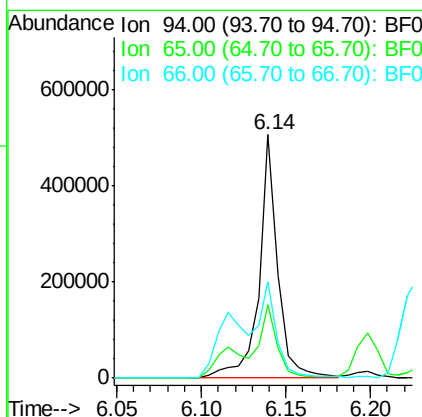
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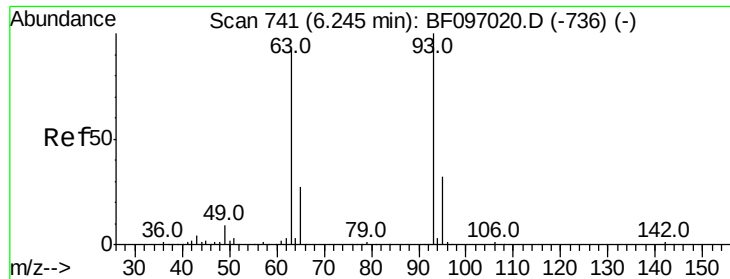
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	94	Resp:	393612
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.9	49.9
66	39.5	23.1	63.1





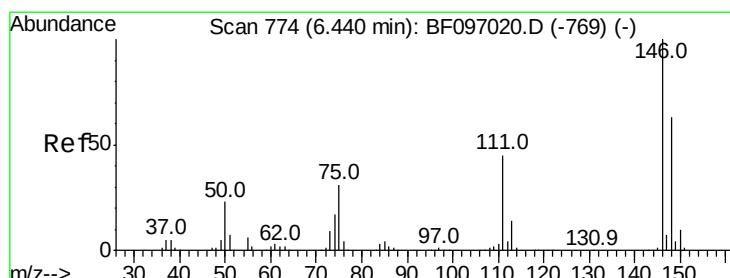
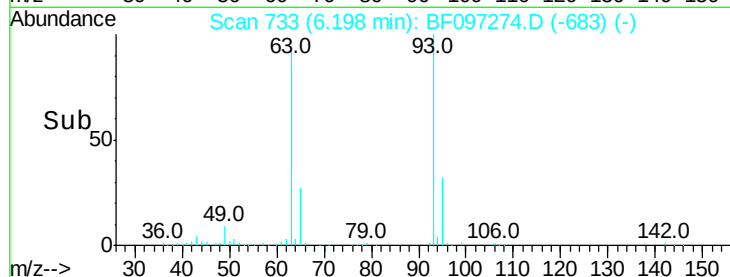
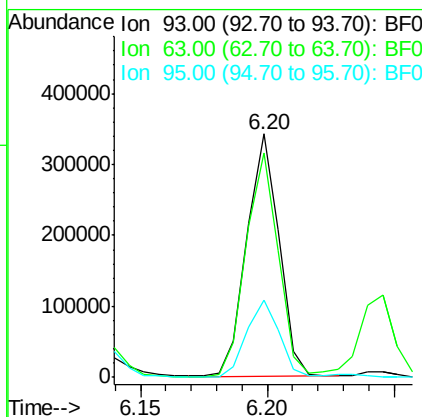
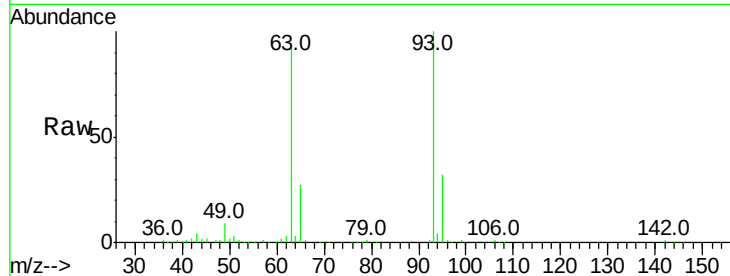
#11
bis(2-Chloroethyl)ether
Concen: 36.329 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	92.0	59.2	99.2
95	31.5	12.8	52.8

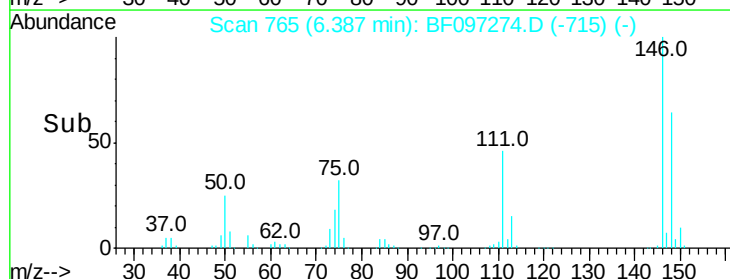
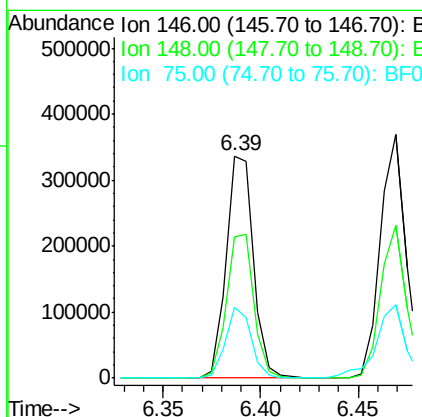
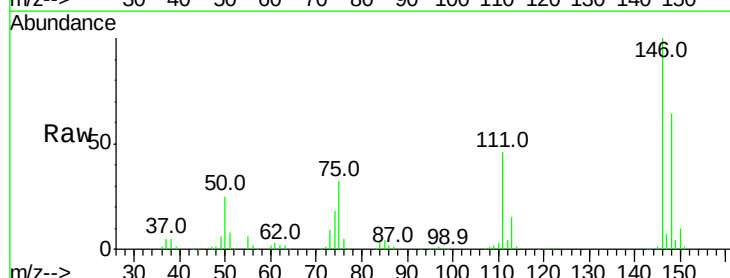
Manual Integrations
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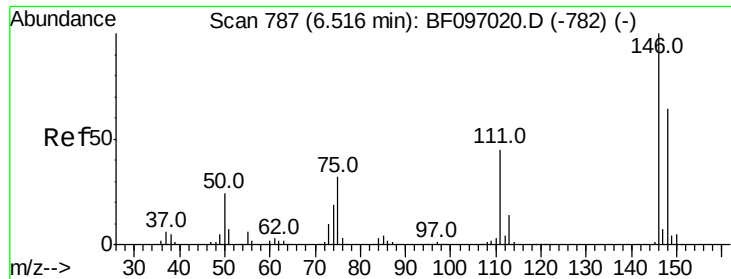
Sohil
8/3/2017 6:08:02 PM



#12
1,3-Dichlorobenzene
Concen: 36.322 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	51.8	77.6
75	32.1	23.1	34.7





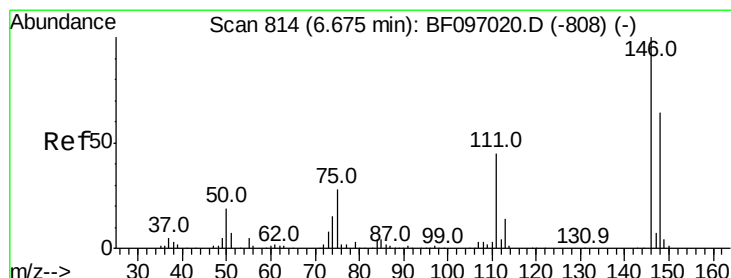
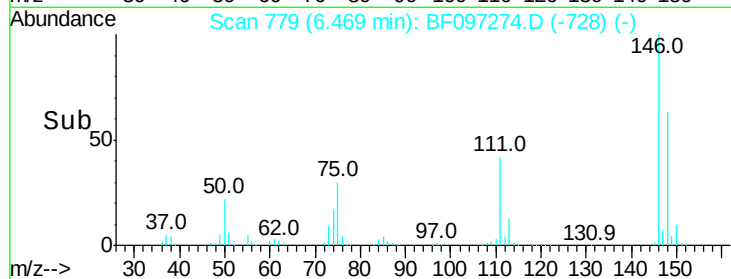
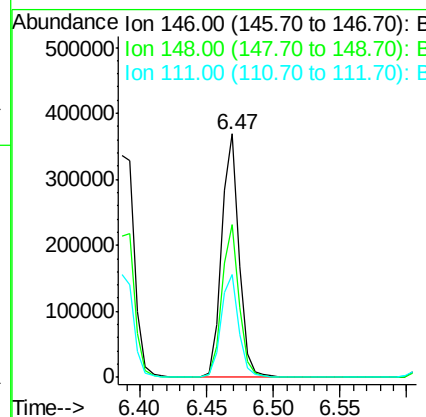
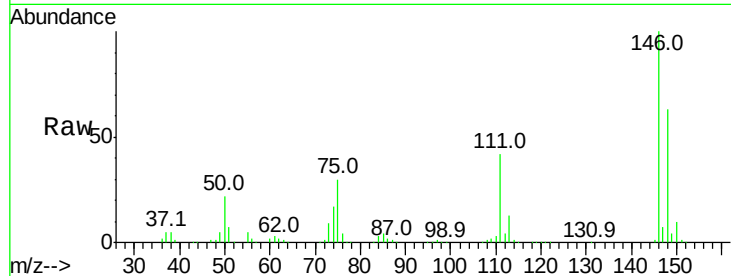
#13
 1,4-Dichlorobenzene
 Concen: 38.078 ng
 RT: 6.47 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampled :
 PB101142BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.4	30.3	45.5

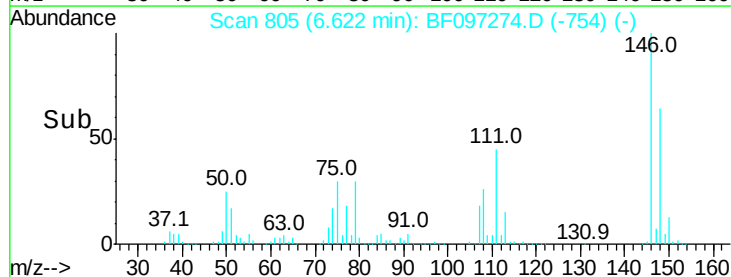
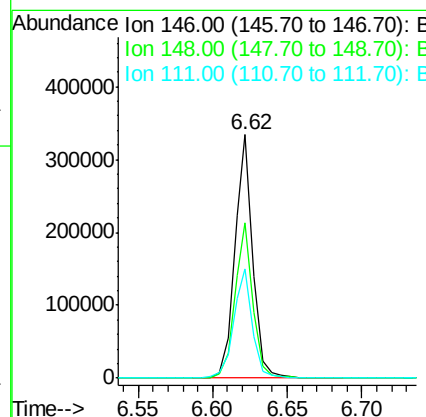
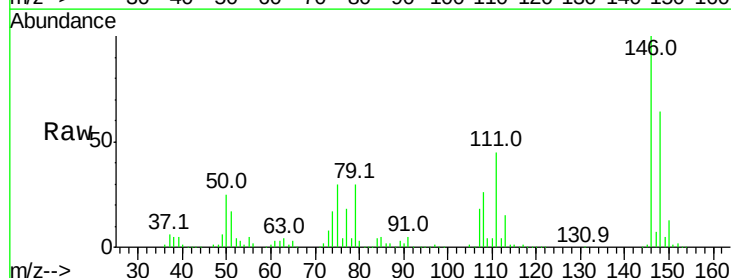
Manual Integrations
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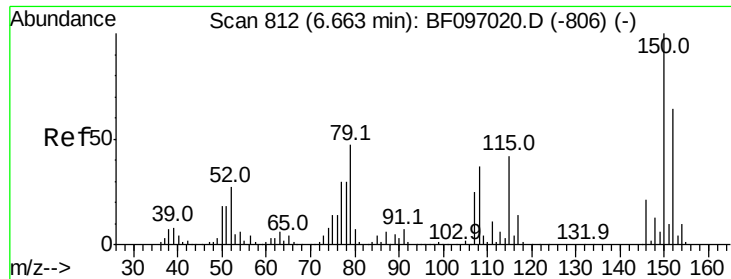
Sohil
 8/3/2017 6:08:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.263 ng
 RT: 6.62 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	44.7	38.2	57.4





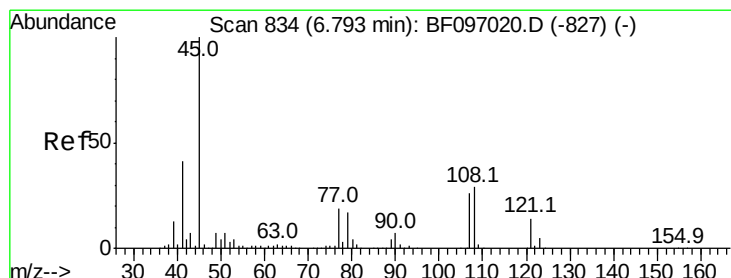
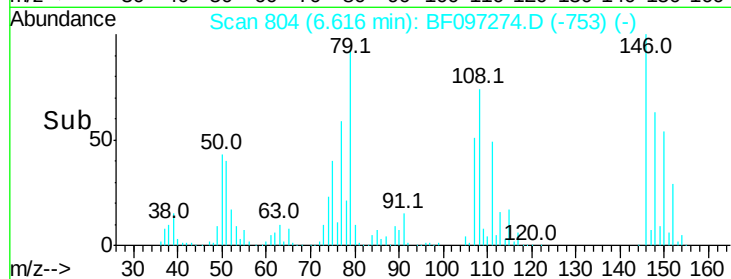
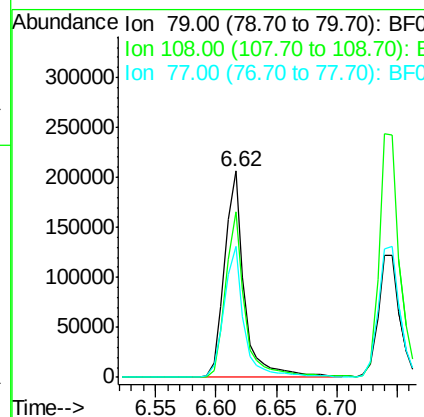
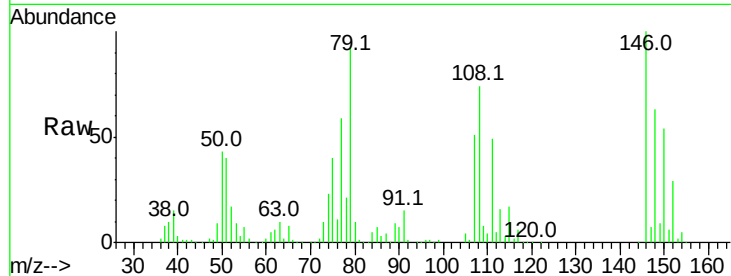
#15
Benzyl Alcohol
Concen: 41.640 ng
RT: 6.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	63.4	95.0
77	63.8	49.2	73.8

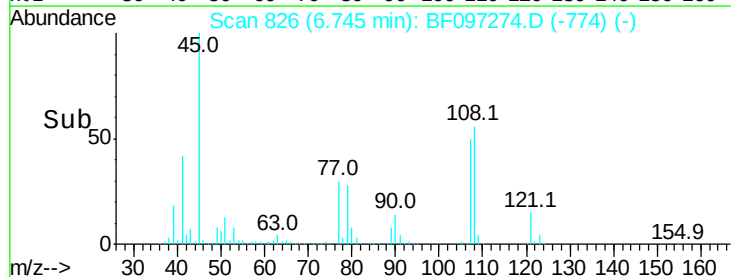
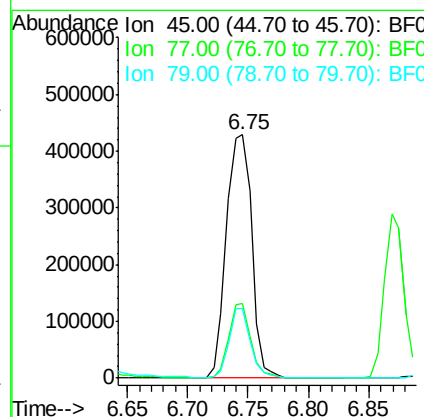
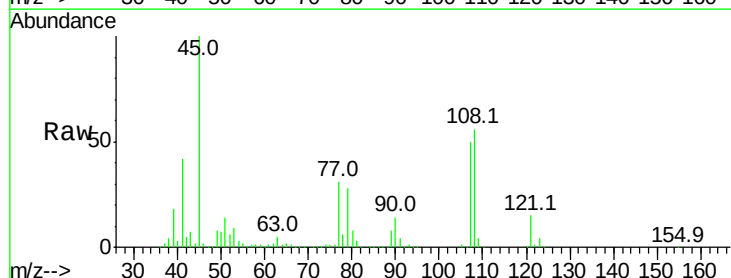
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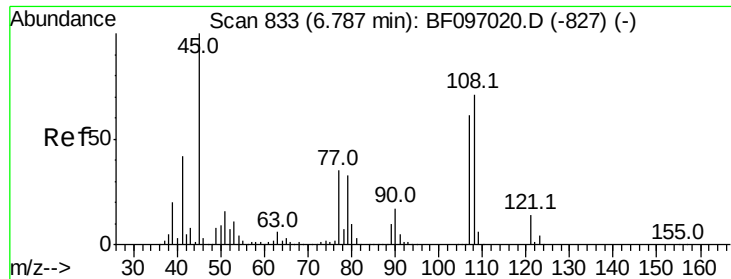
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.145 ng
RT: 6.75 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	33.2
79	28.3	0.0	30.0





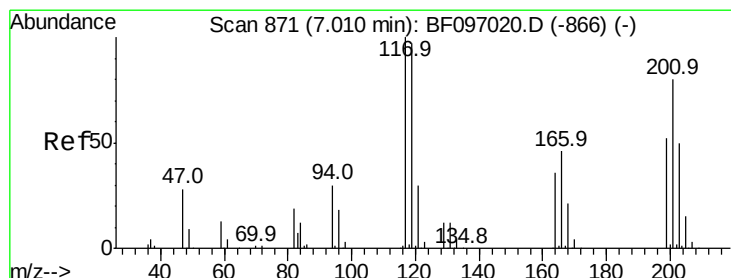
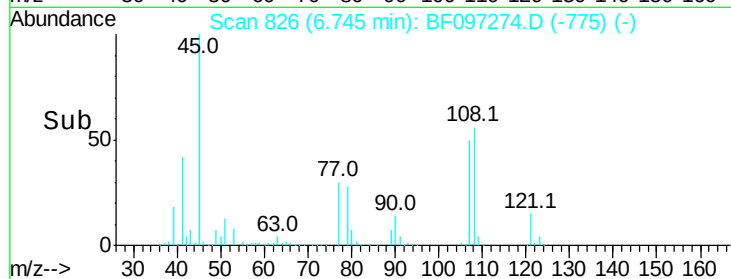
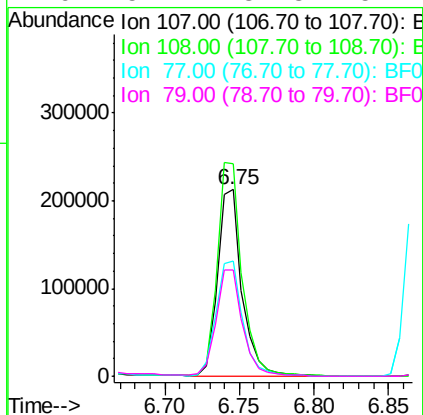
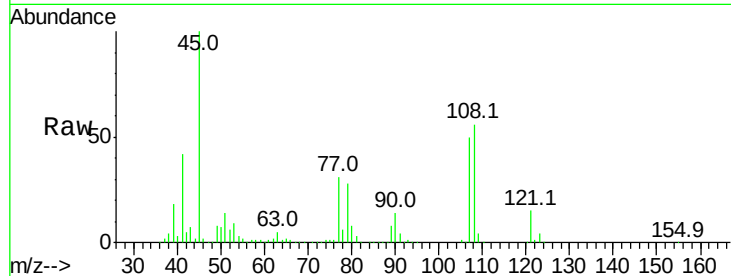
#17
2-Methylphenol
Concen: 38.275 ng
RT: 6.75 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	246567		
108	113.9	93.4	140.0	
77	61.7	35.8	53.6#	
79	57.2	34.8	52.2#	

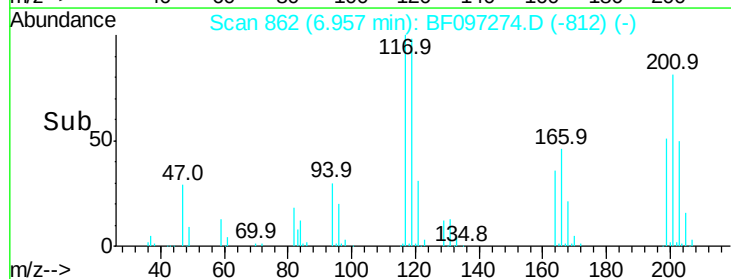
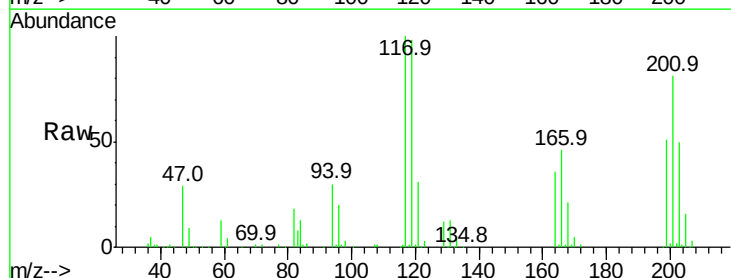
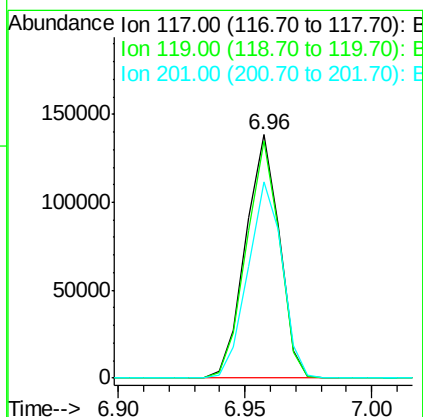
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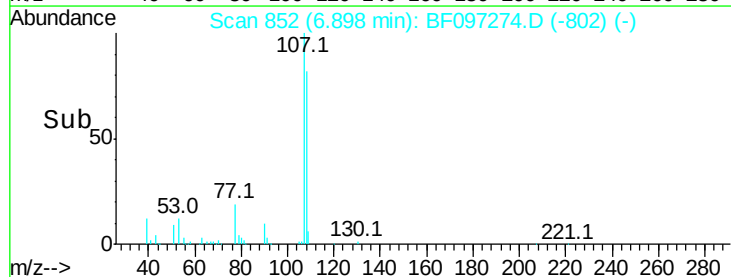
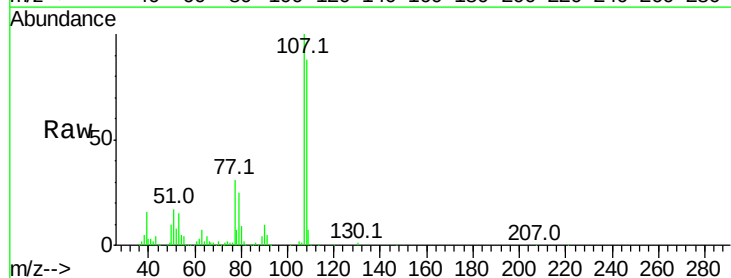
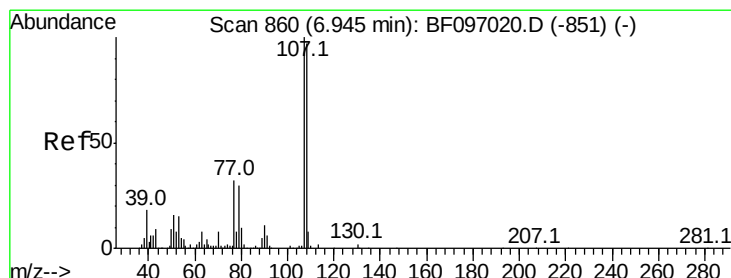
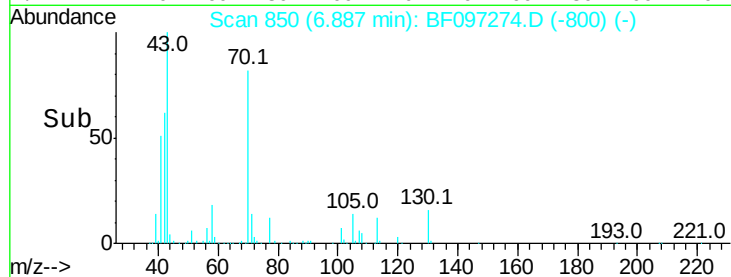
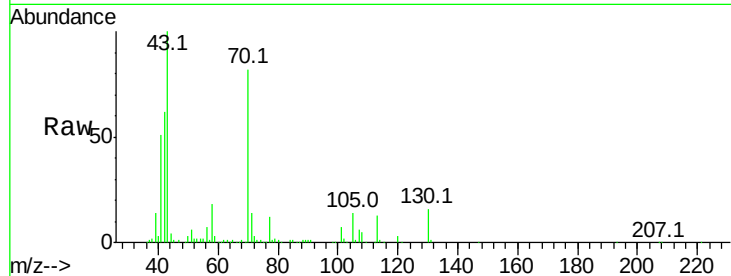
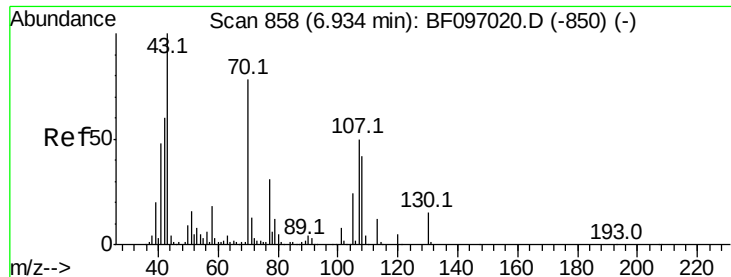
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#18
Hexachloroethane
Concen: 39.577 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

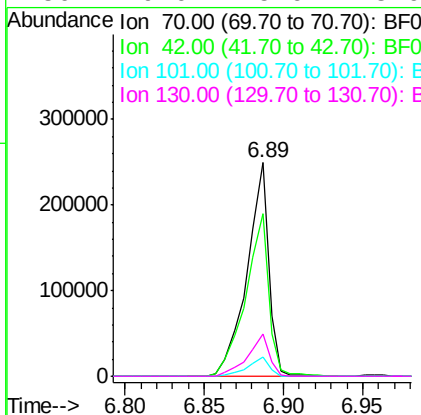
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129068		
119	97.6	77.4	116.0	
201	80.5	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 40.340 ng
RT: 6.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	75.9	47.2	70.8#		
101	8.9	7.2	10.8		
130	20.0	15.9	23.9		



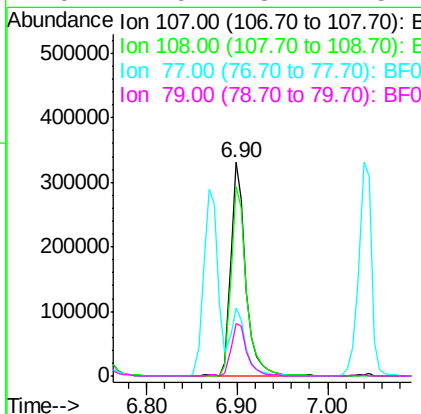
Instrument :
BNA_F
ClientSampleId :
PB101142BS

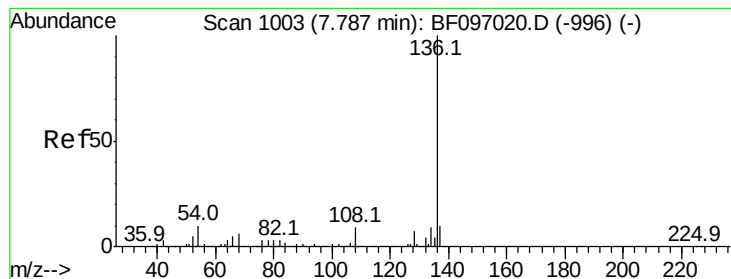
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.037 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	71.0	111.0		
77	31.5	90.5	130.5#		
79	24.5	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

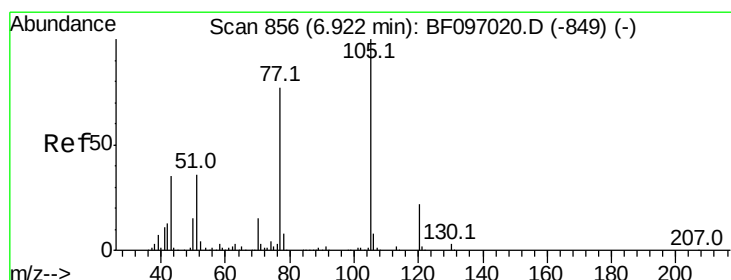
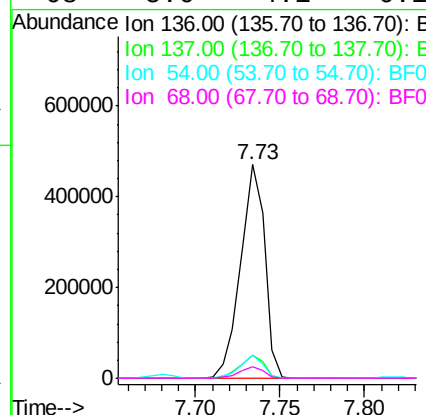
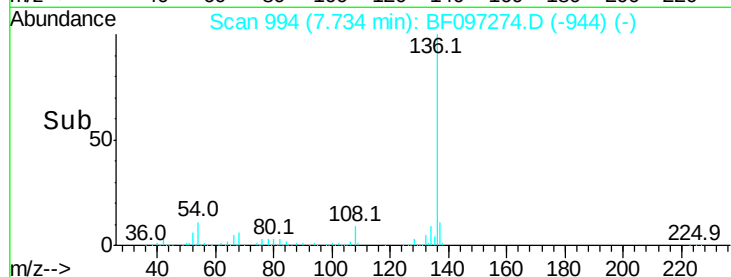
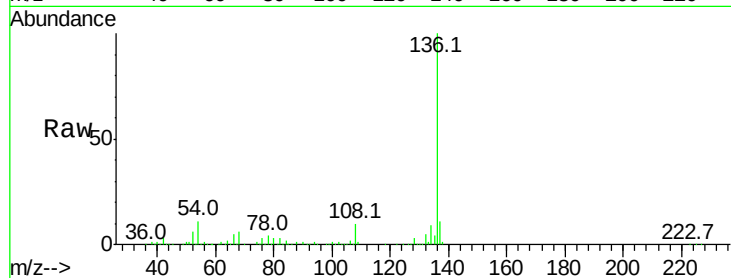
ClientSampleId :

PB101142BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.8	4.9	7.3#
68	5.6	4.1	6.1

Manual Integrations
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#22

Acetophenone

Concen: 39.054 ng

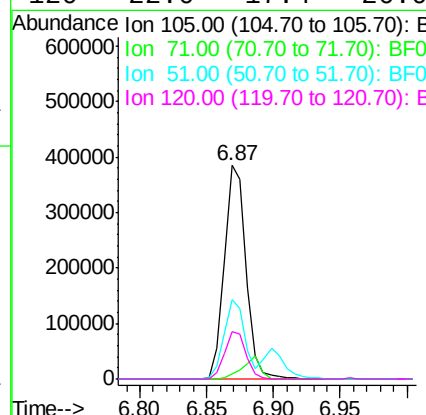
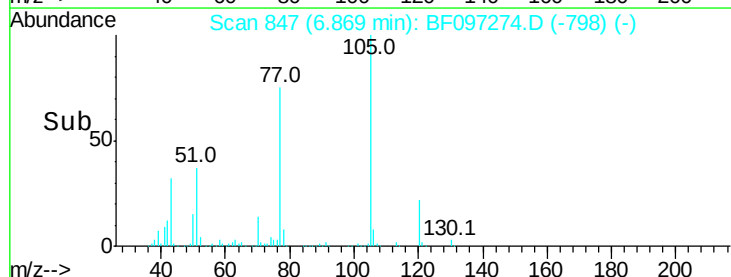
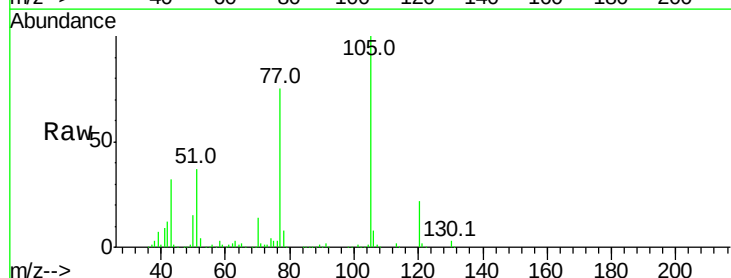
RT: 6.87 min Scan# 847

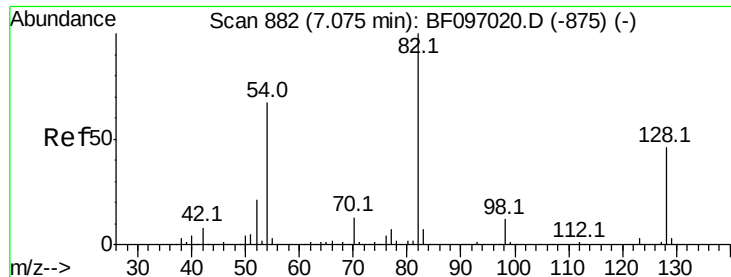
Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.4	2.8	4.2#
51	37.1	30.7	46.1
120	22.0	17.4	26.0





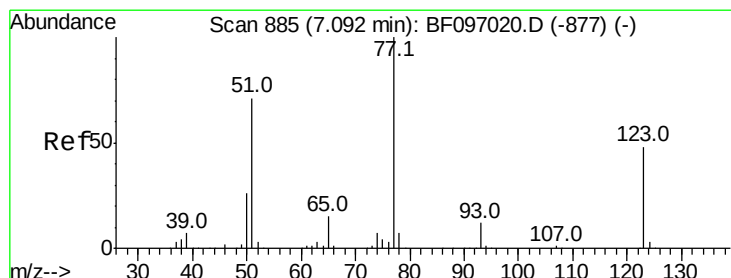
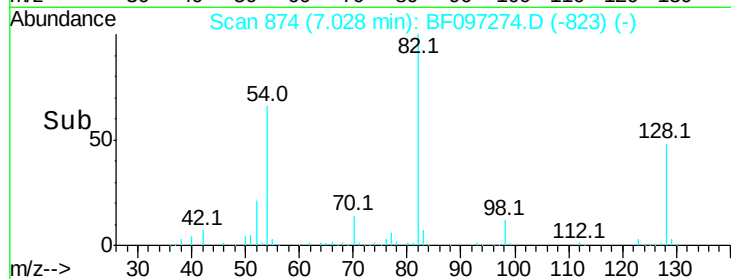
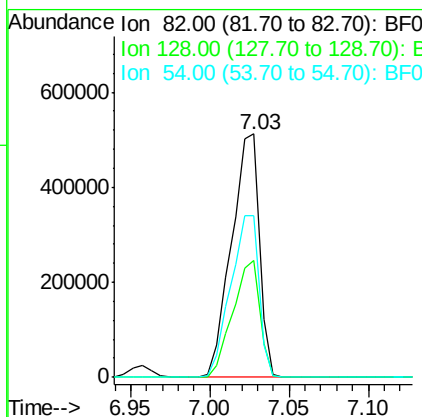
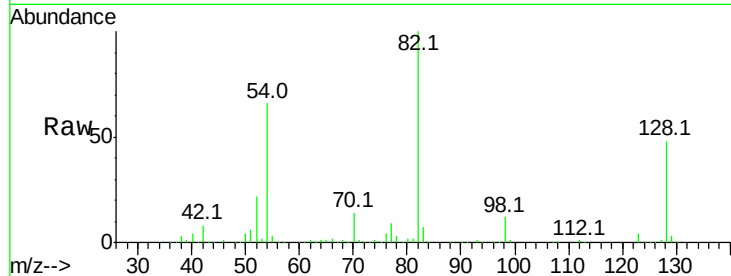
#23
Nitrobenzene-d5
Concen: 77.850 ng
RT: 7.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	66.4	42.2	63.2

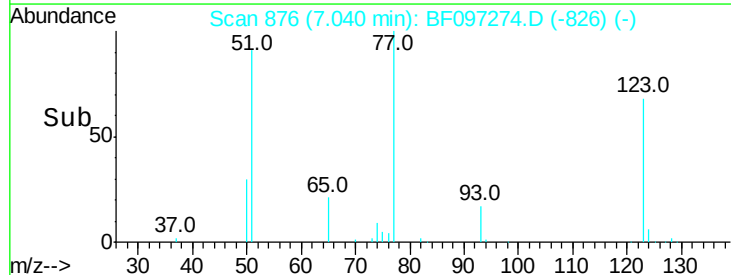
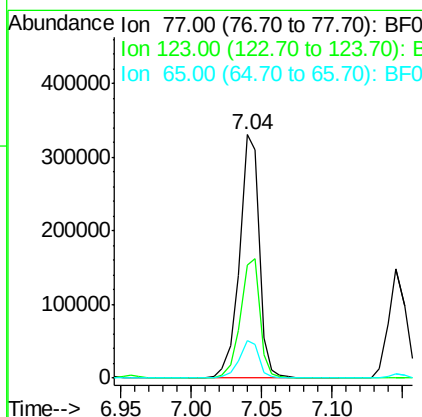
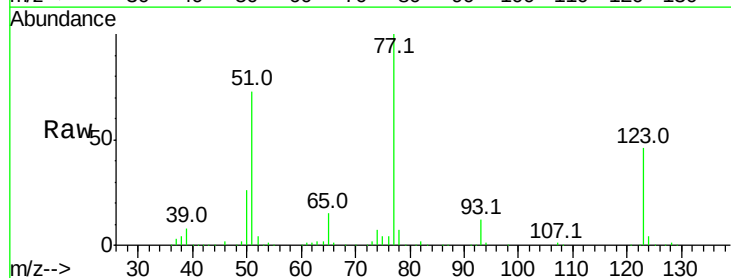
Manual Integrations
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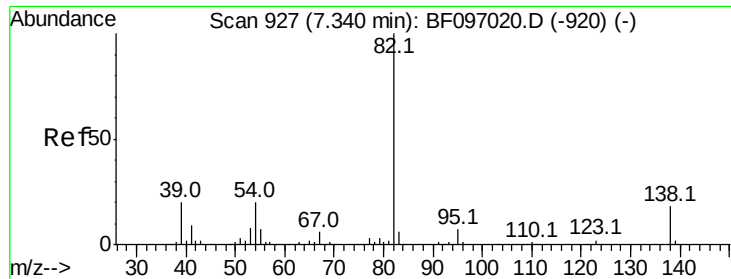
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#24
Nitrobenzene
Concen: 38.620 ng
RT: 7.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.8	53.8
65	15.2	10.6	15.8





#25

Isophorone

Concen: 40.544 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

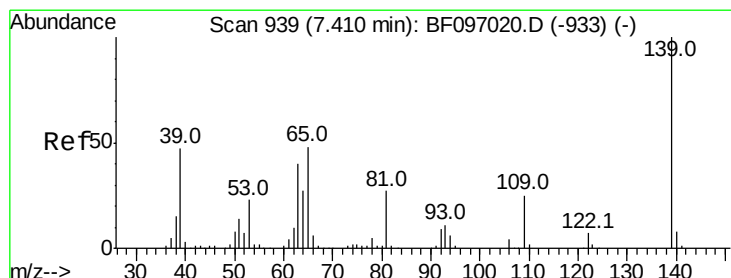
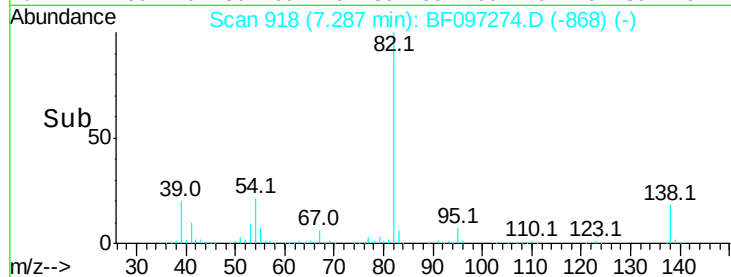
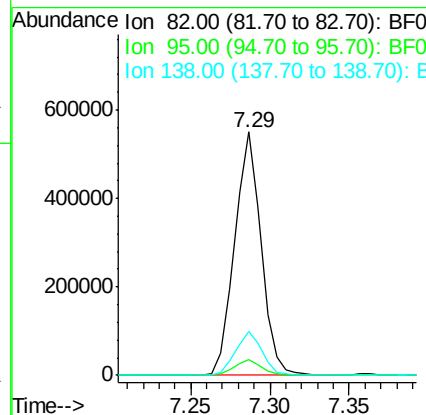
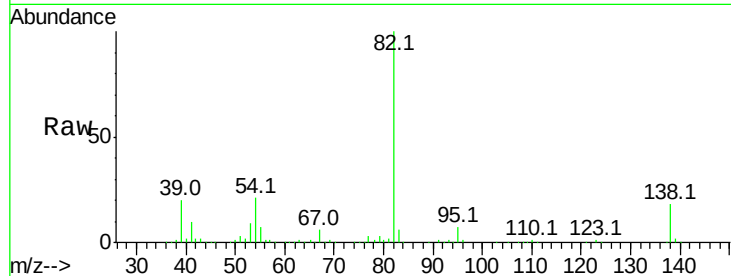
ClientSampleId :

PB101142BS

Tot Ion:	82	Resp:	636561
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	17.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.290 ng

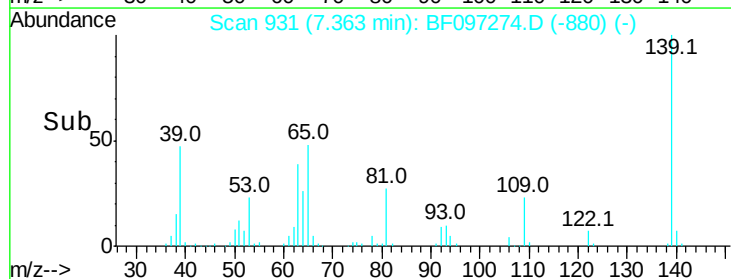
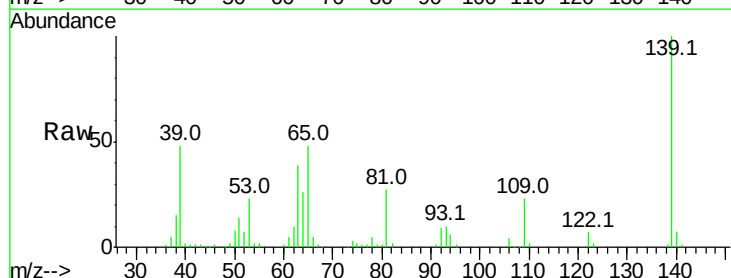
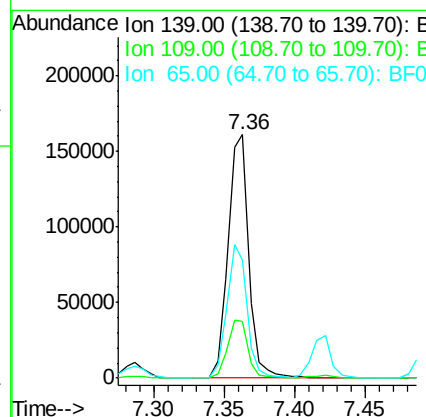
RT: 7.36 min Scan# 931

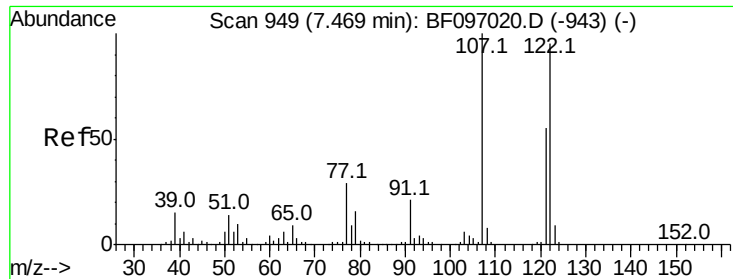
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	139	Resp:	163932
Ion Ratio	Lower	Upper	
139	100		
109	23.3	21.0	31.6
65	48.5	33.0	49.6





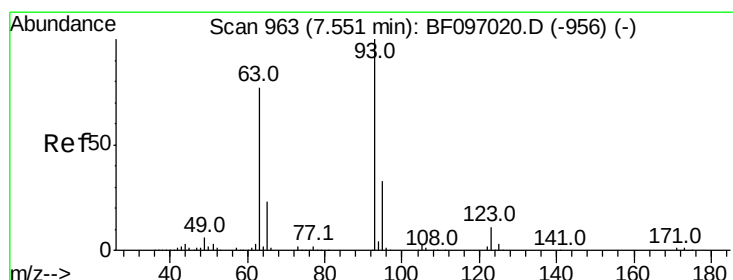
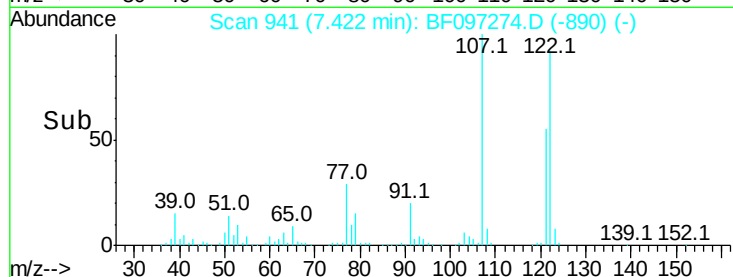
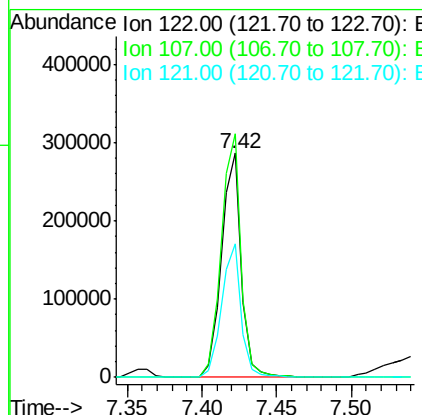
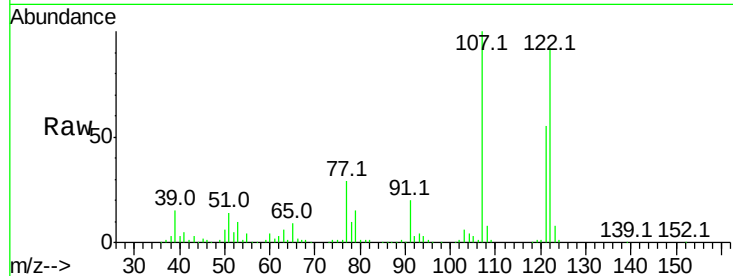
#27
2,4-Dimethylphenol
Concen: 35.912 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	267606		
107	108.5	89.2	133.8	
121	59.7	45.2	67.8	

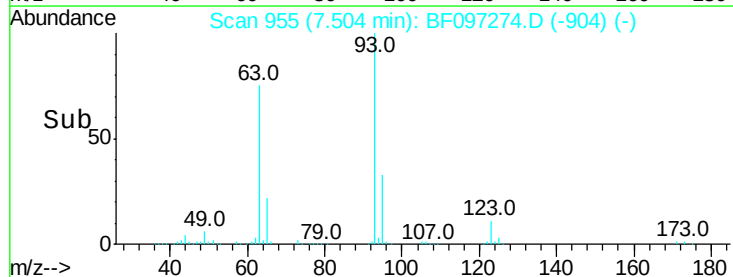
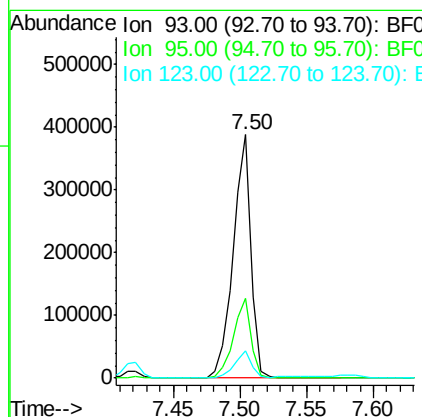
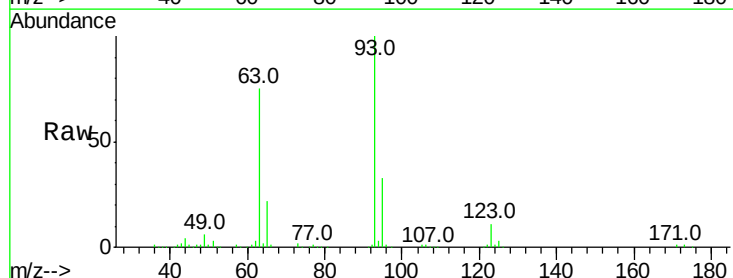
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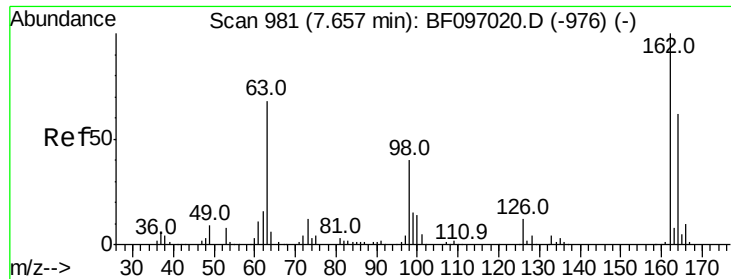
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 35.706 ng
RT: 7.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365837		
95	33.0	26.5	39.7	
123	11.3	9.0	13.4	





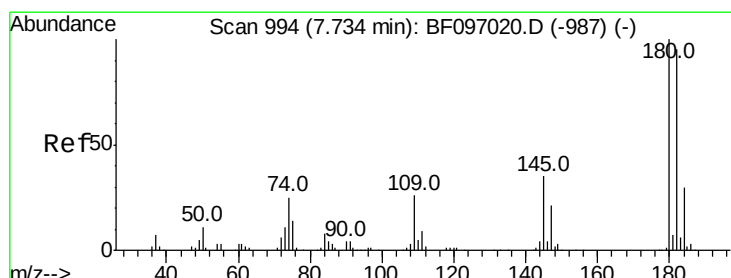
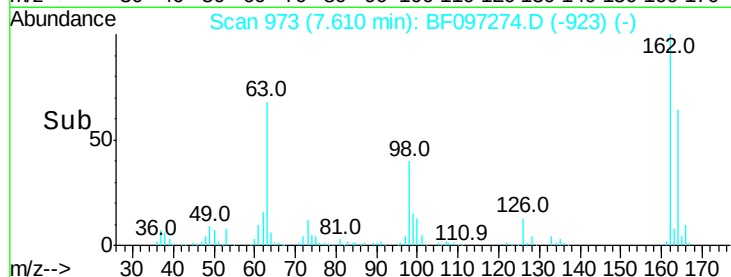
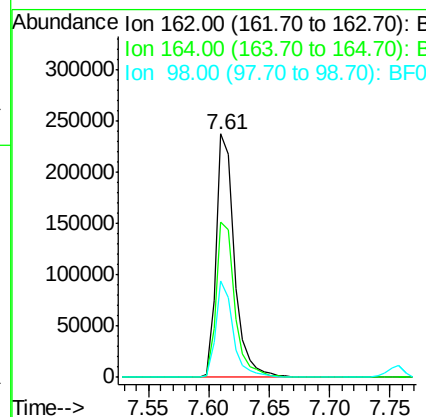
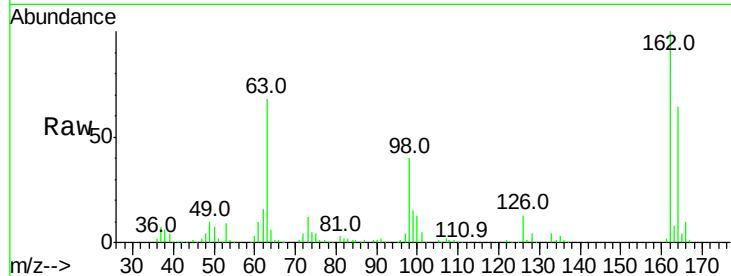
#29
 2,4-Dichlorophenol
 Concen: 38.419 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion:	162	Resp:	246630
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	39.7	14.8	54.8

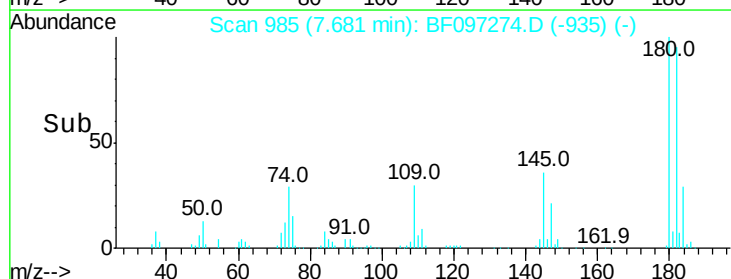
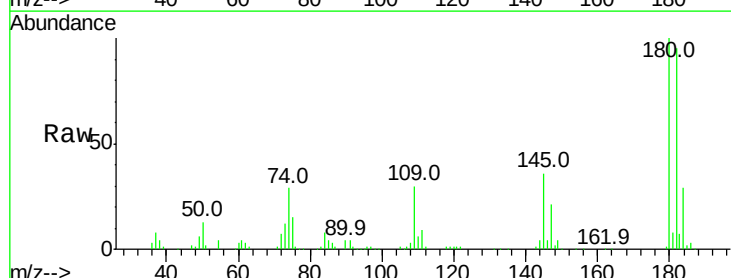
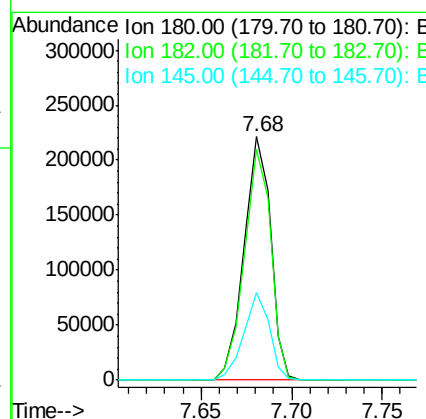
Manual Integrations
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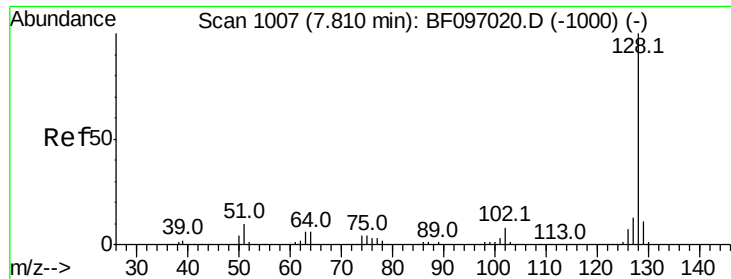
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.070 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:	180	Resp:	226827
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	35.9	25.3	37.9





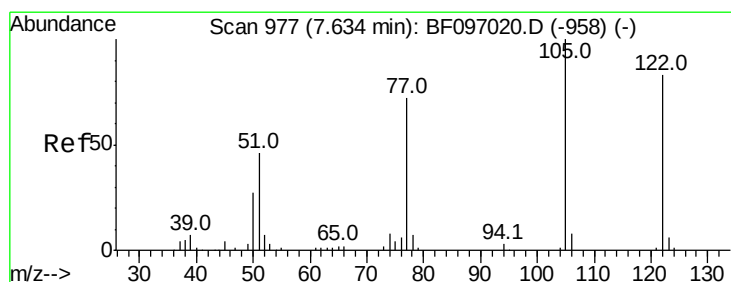
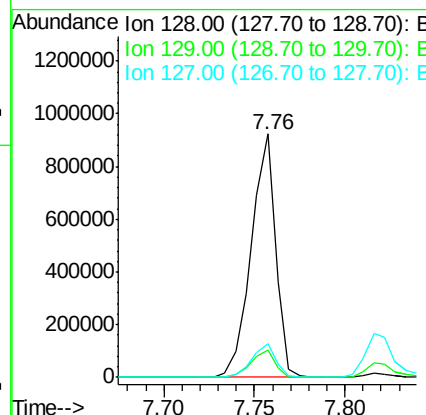
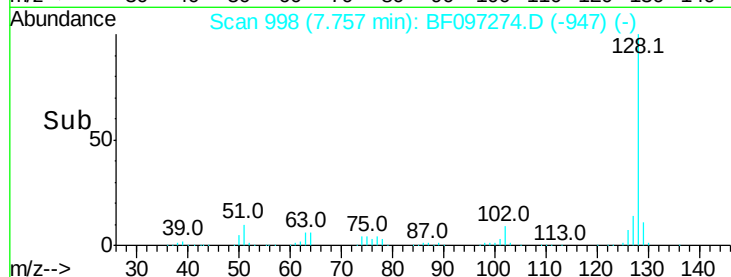
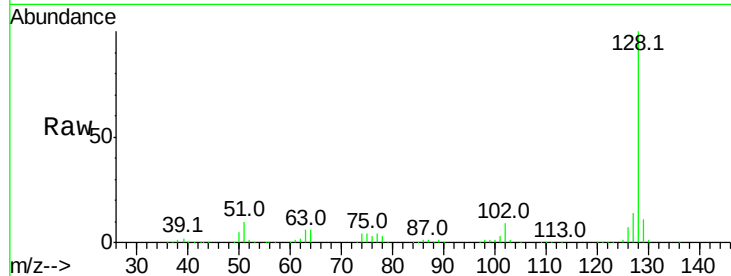
#31
Naphthalene
Concen: 39.105 ng
RT: 7.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	13.7	10.8	16.2	

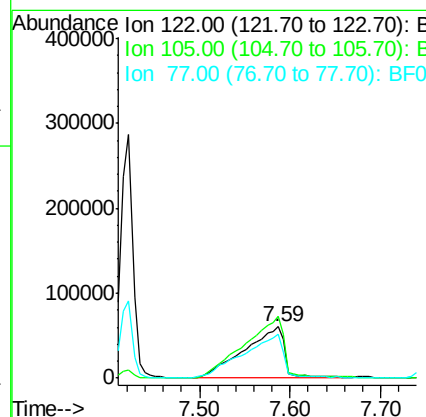
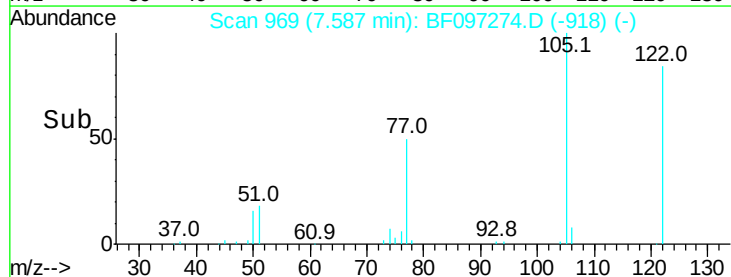
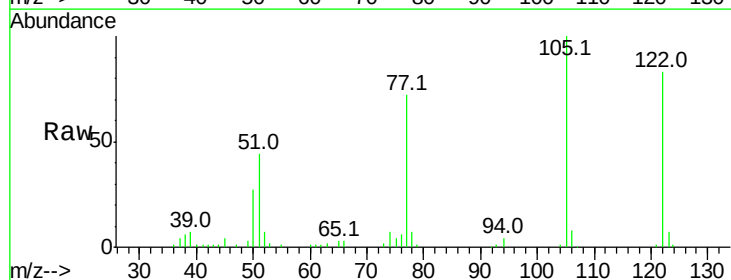
Manual Integrations
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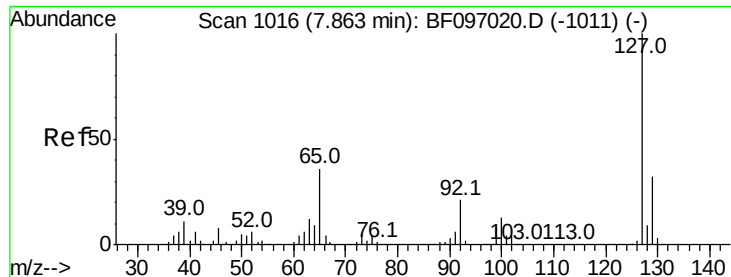
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#32
Benzoic acid
Concen: 33.987 ng
RT: 7.59 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.5	103.3	143.3	
77	86.4	73.7	113.7	





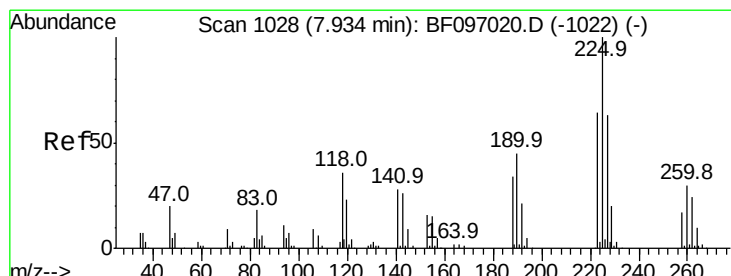
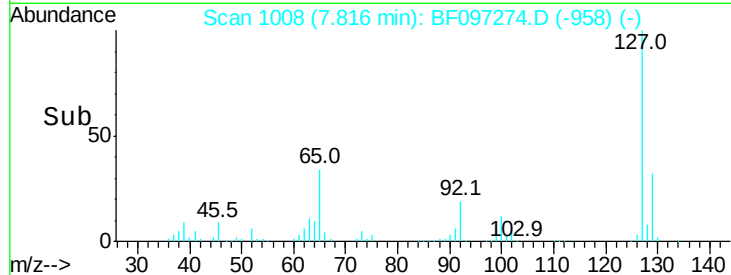
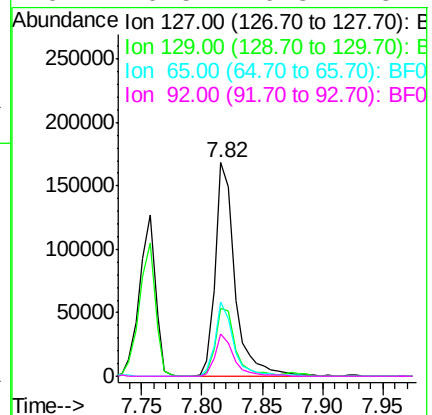
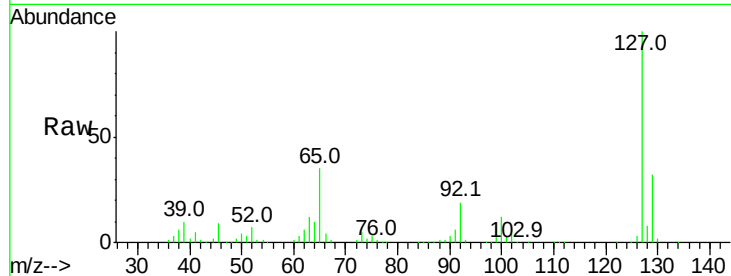
#33
4-Chloroaniline
Concen: 20.999 ng
RT: 7.82 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampled :
PB101142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.2		
65	34.7	27.8	41.8		
92	19.5	16.8	25.2		

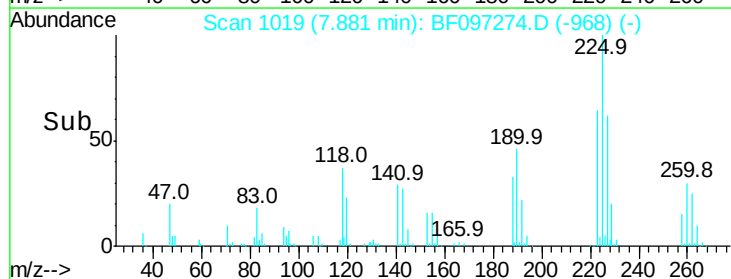
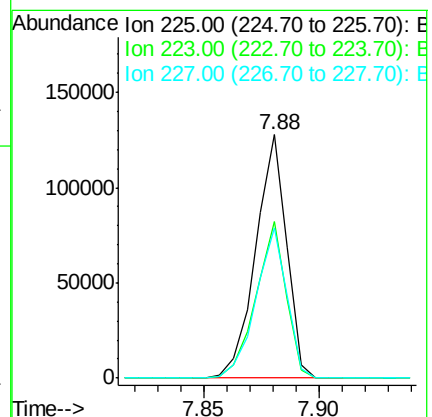
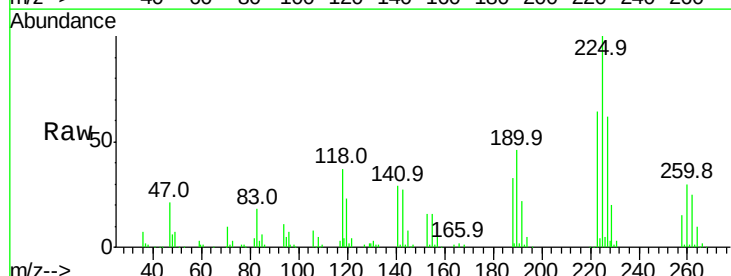
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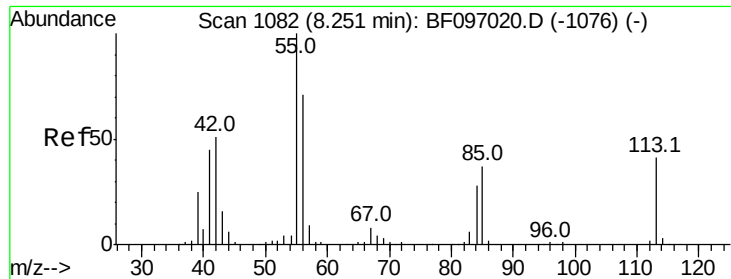
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#34
Hexachlorobutadiene
Concen: 36.790 ng
RT: 7.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	48.8	73.2		
227	61.7	51.1	76.7		





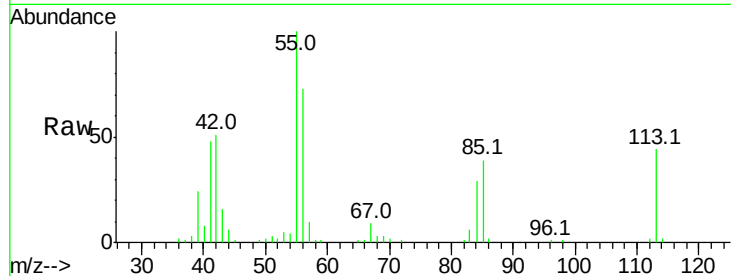
#35
 Caprolactam
 Concen: 42.270 ng/ml
 RT: 8.20 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleID :
 PB101142BS

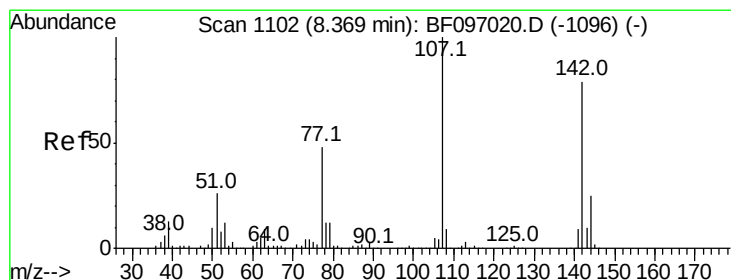
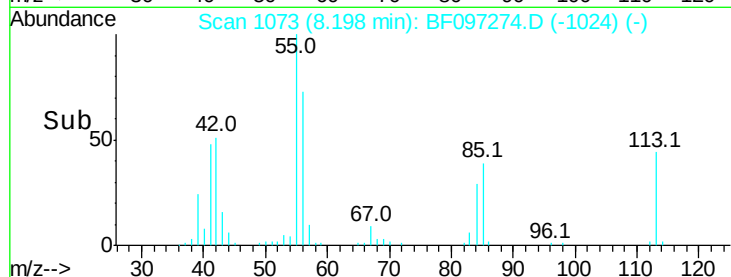
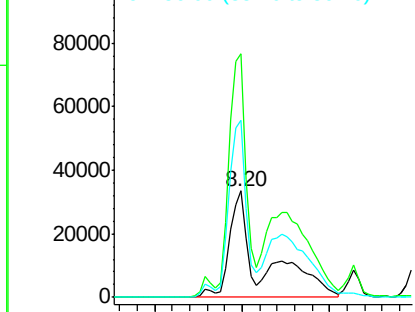
Tot Ion:113 Resp: 87012
 Ion Ratio Lower Upper
 113 100
 55 229.1 150.2 190.2#
 56 166.4 107.8 147.8#

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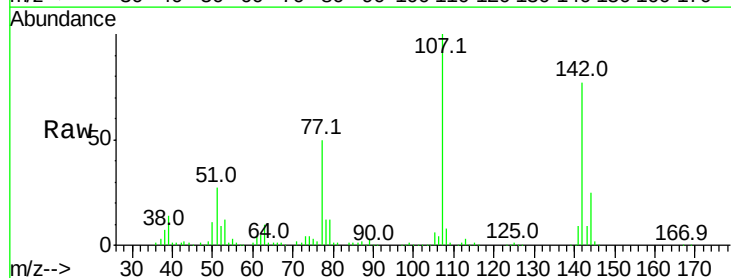


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

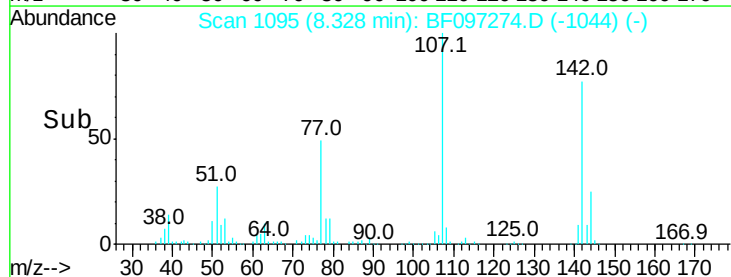
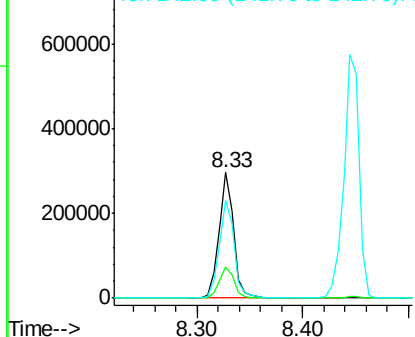


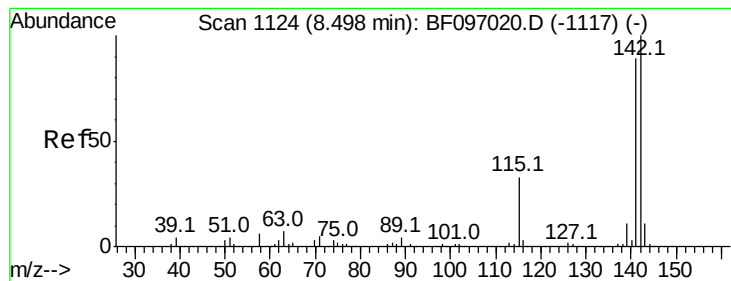
#36
 4-Chloro-3-methylphenol
 Concen: 42.028 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:107 Resp: 294342
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 77.5 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





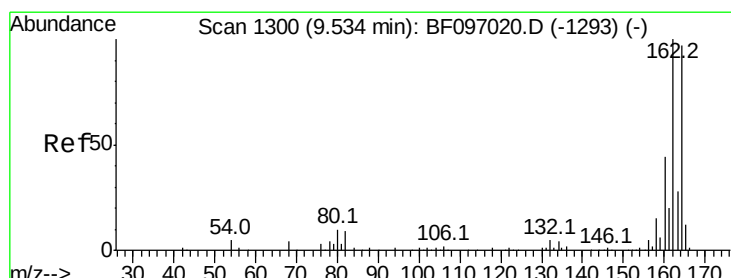
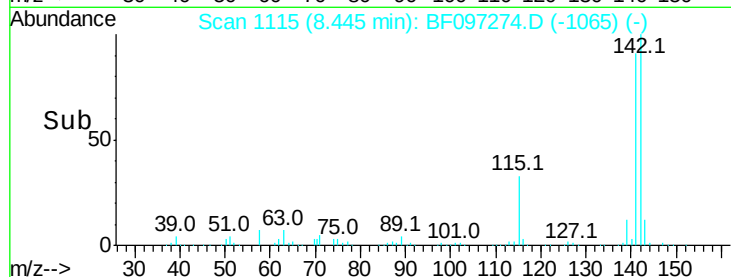
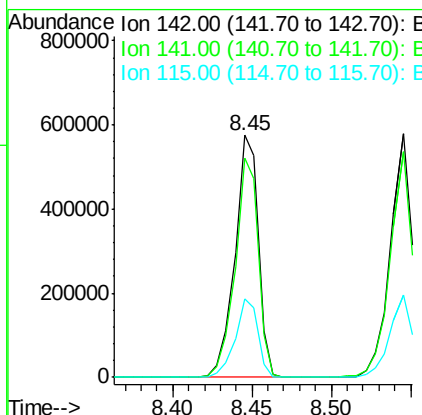
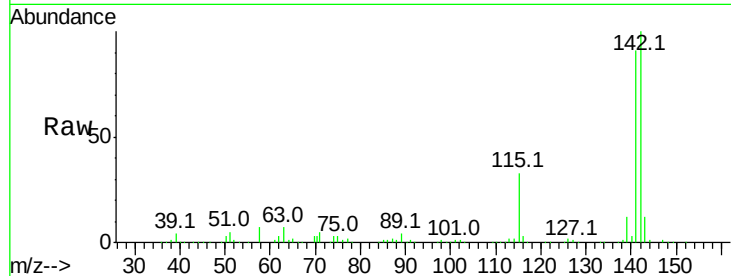
#37
 2-Methylnaphthalene
 Concen: 41.918 ng
 RT: 8.45 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion:	142	Resp:	588408
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.3	106.9
115	32.7	27.1	40.7

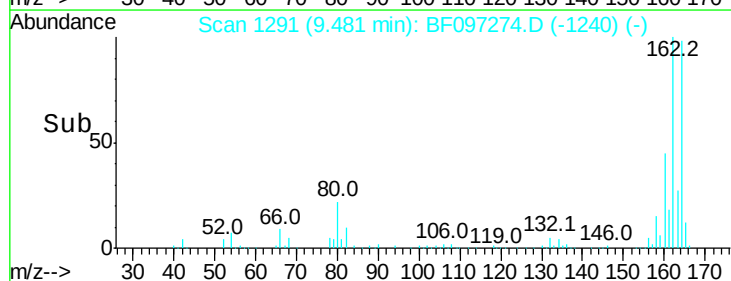
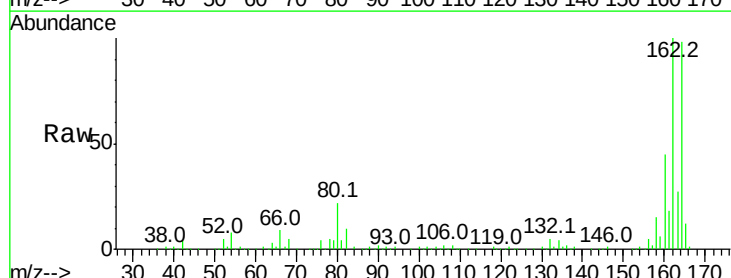
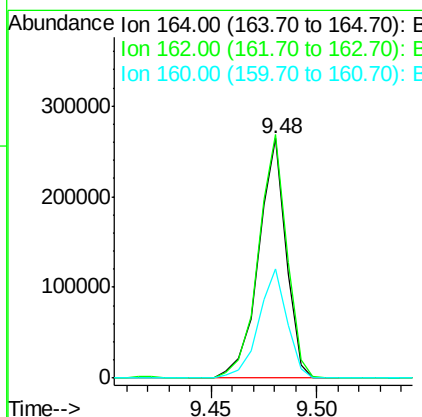
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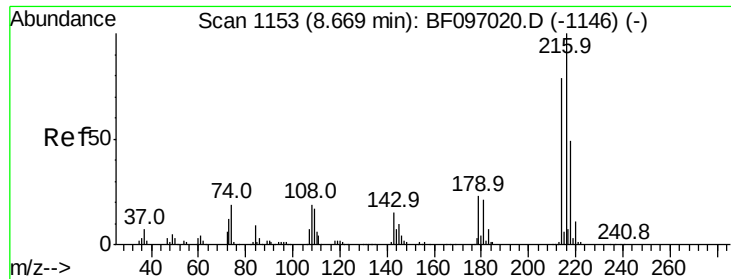
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:	164	Resp:	240424
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	123.8
160	45.7	36.2	54.2





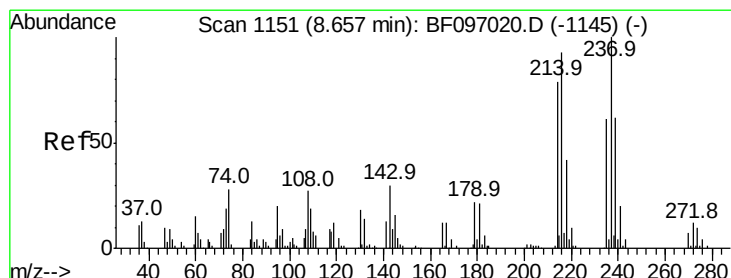
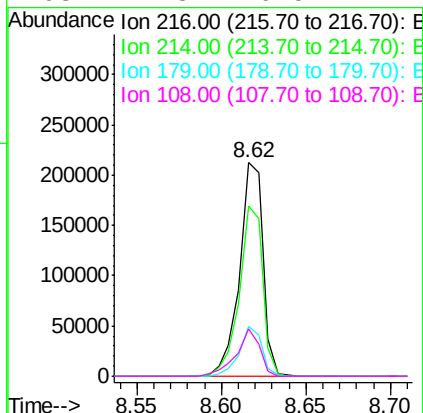
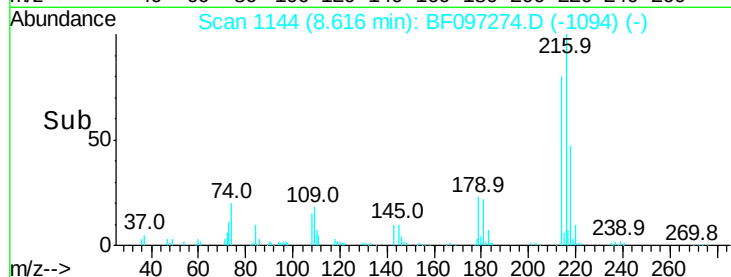
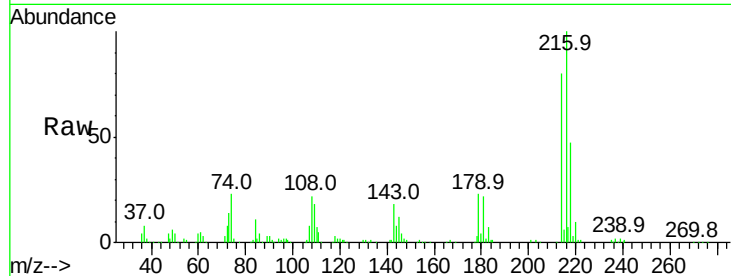
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.124 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	206080		
214	79.3	63.4	95.2	
179	22.3	17.9	26.9	
108	22.3	16.5	24.7	

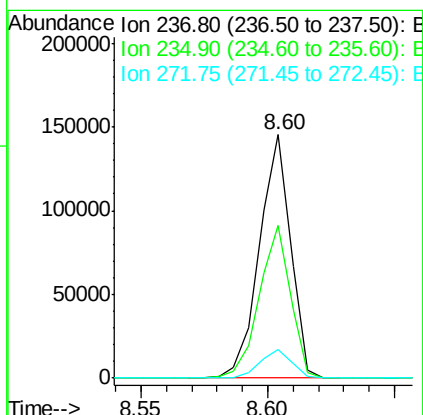
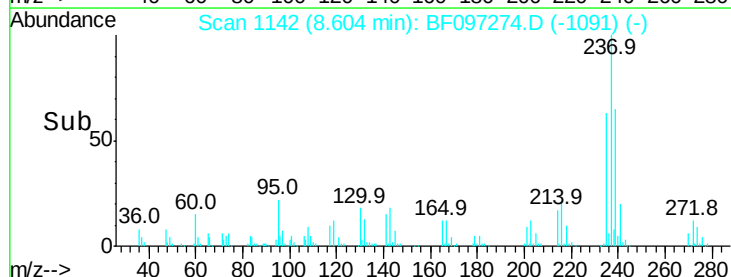
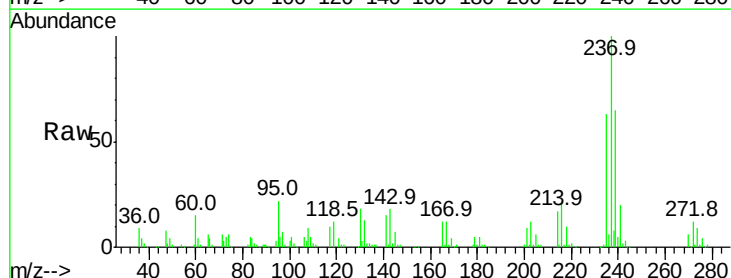
Manual Integrations
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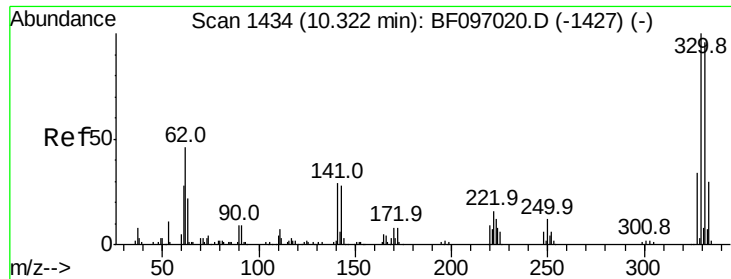
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#40
 Hexachlorocyclopentadiene
 Concen: 57.847 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	125305		
235	62.8	42.6	82.6	
272	11.9	0.0	31.9	





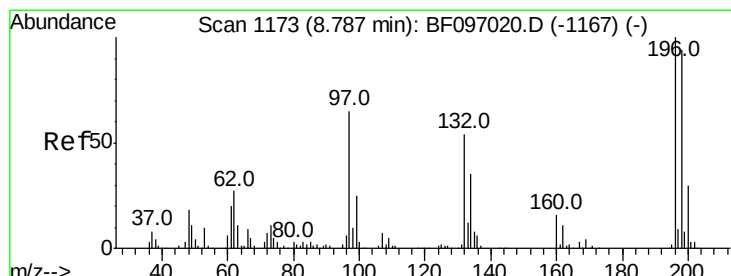
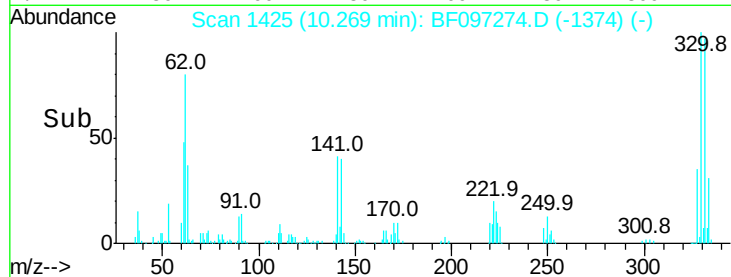
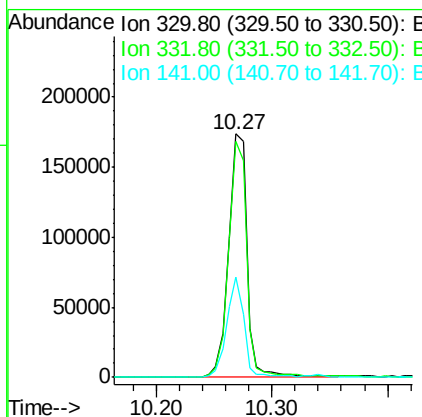
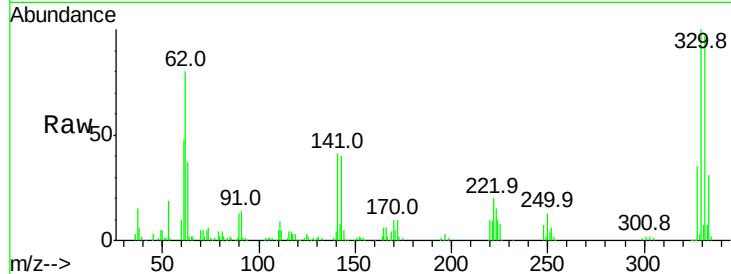
#41
 2,4,6-Tribromophenol
 Concen: 102.211 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194158		
332	95.8	76.6	115.0	
141	38.2	31.4	47.2	

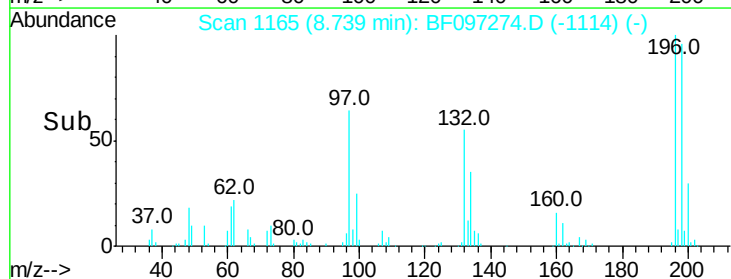
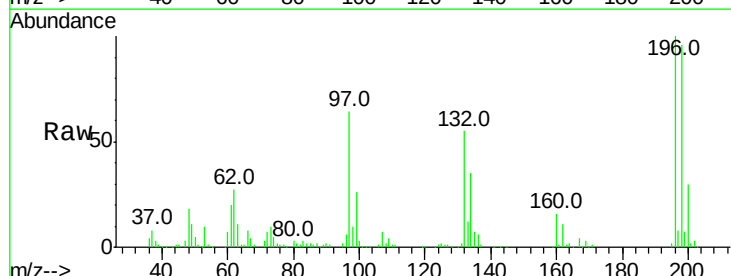
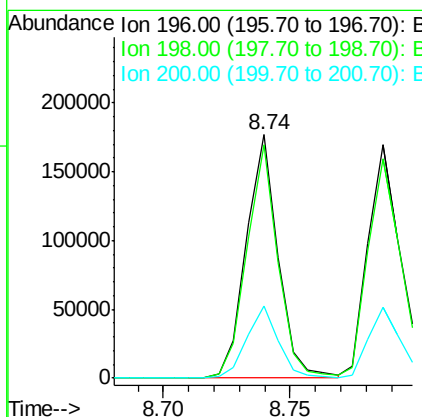
Manual Integrations
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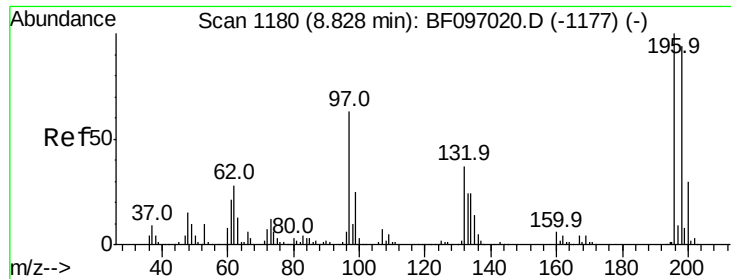
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#42
 2,4,6-Trichlorophenol
 Concen: 33.260 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154620		
198	96.1	74.2	111.4	
200	29.9	24.0	36.0	





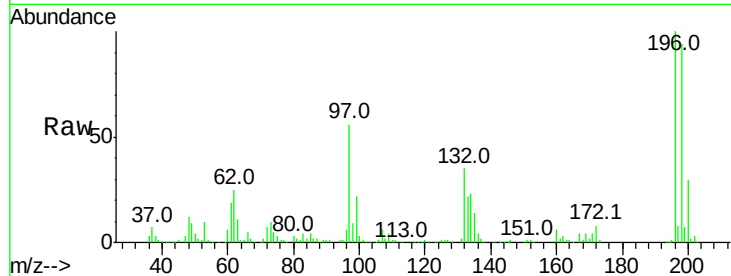
#43
 2,4,5-Trichlorophenol
 Concen: 35.019 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	196	Resp	162949
Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	56.3	47.7	71.5
132	35.0	28.0	42.0

Manual Integrations
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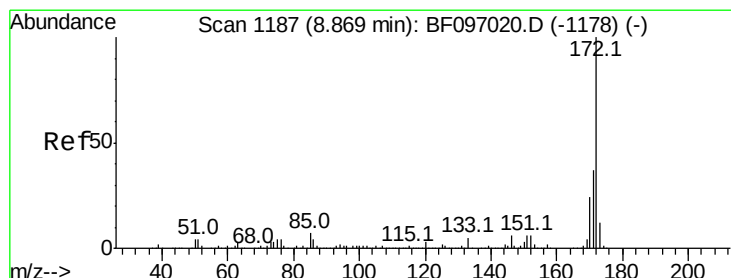
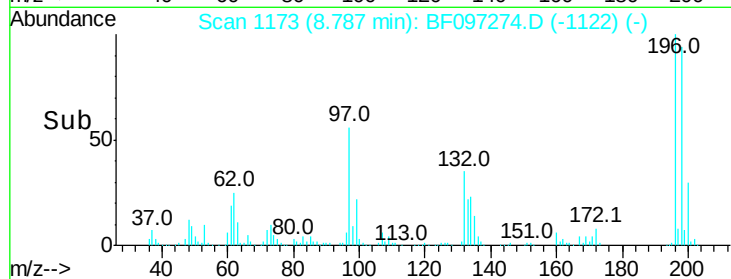
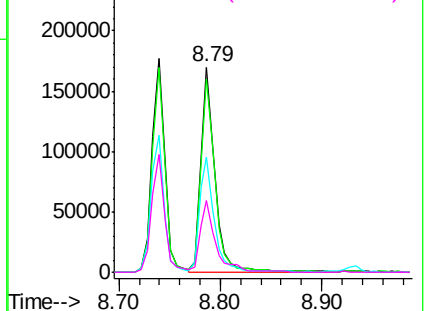
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.945 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

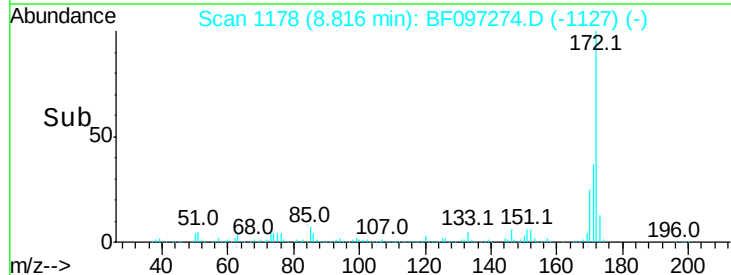
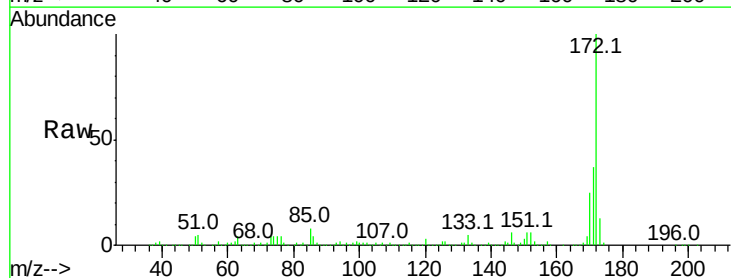
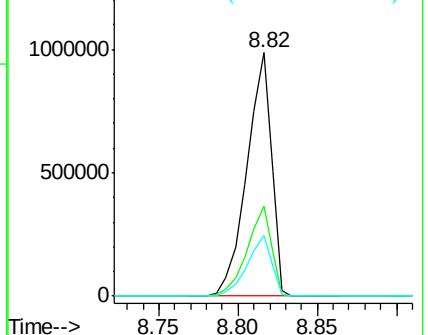
Tgt Ion	172	Resp	1061733
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.7	19.8	29.8

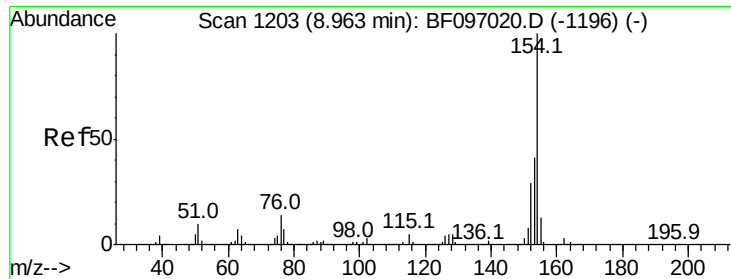
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.682 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

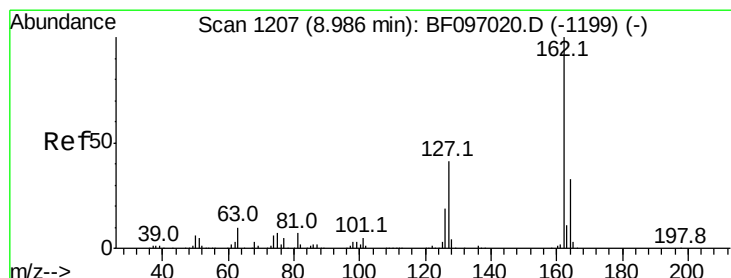
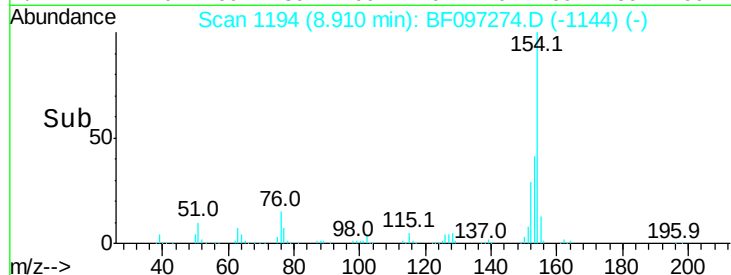
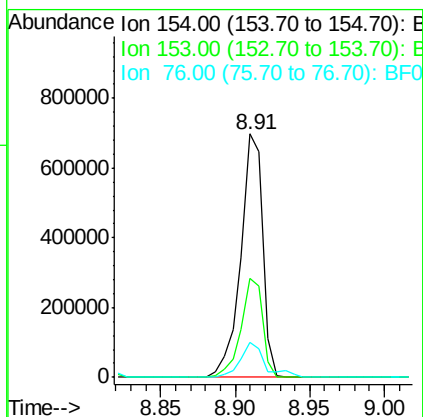
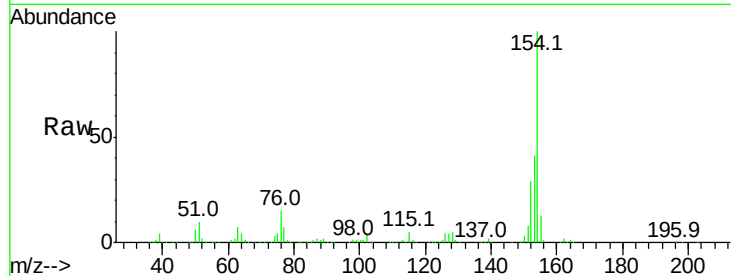
ClientSampleId :

PB101142BS

Tot Ion:	154	Resp:	712209
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	14.6	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 36.259 ng

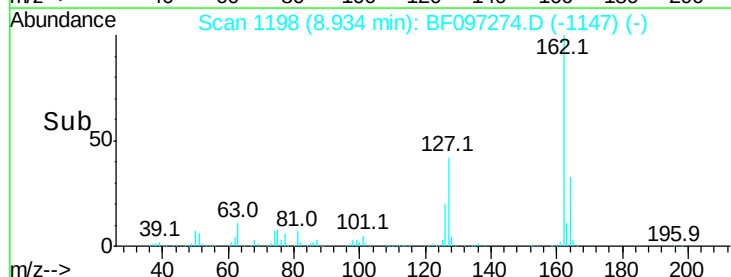
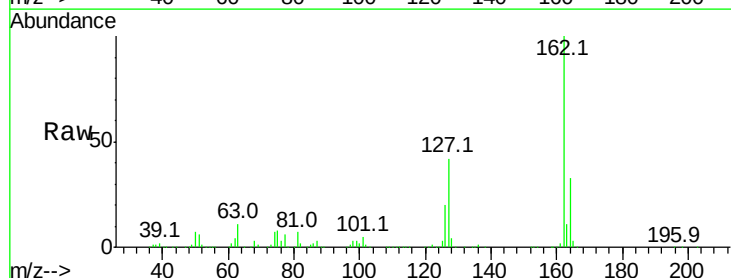
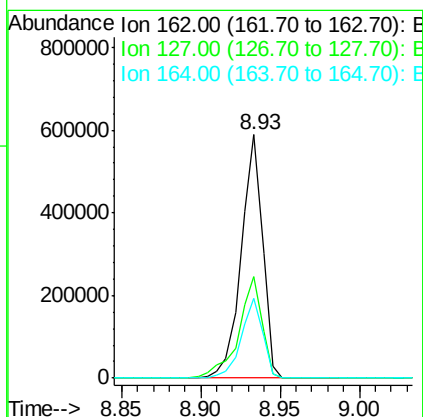
RT: 8.93 min Scan# 1198

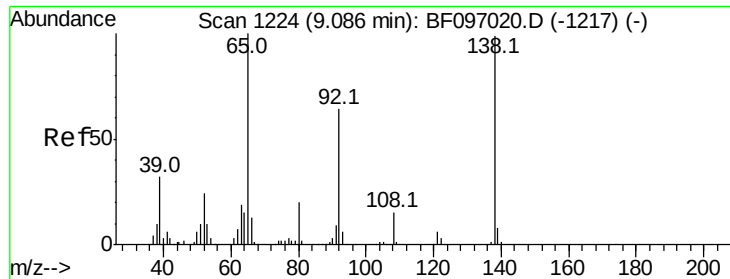
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	162	Resp:	547936
Ion Ratio	Lower	Upper	
162	100		
127	41.9	28.3	42.5
164	32.6	27.0	40.4





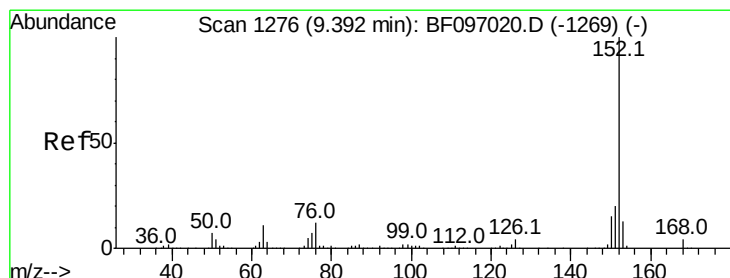
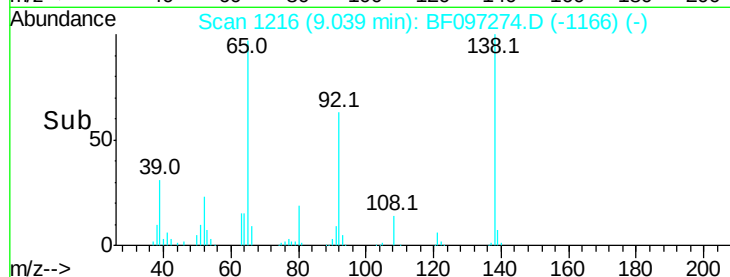
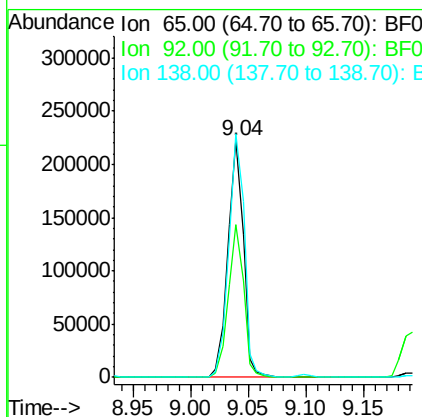
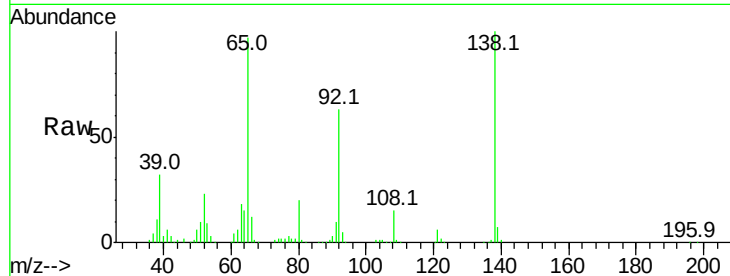
#47
2-Nitroaniline
Concen: 37.877 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	102.8	78.8	118.2

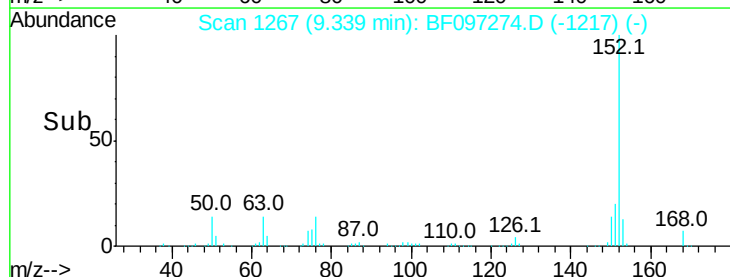
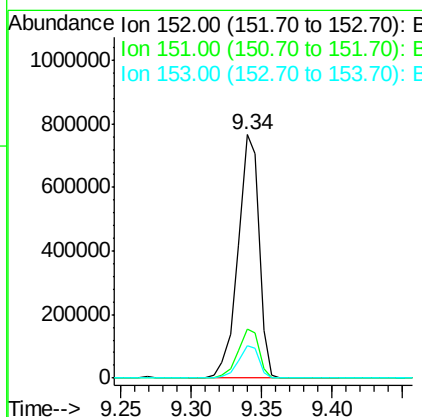
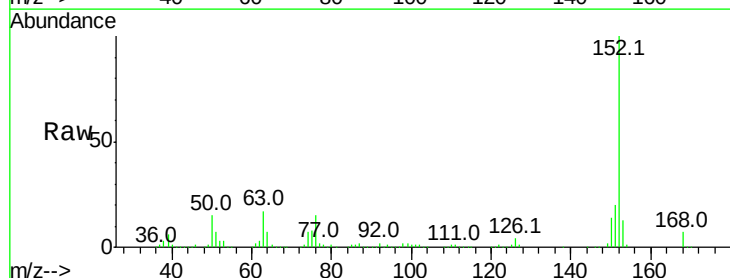
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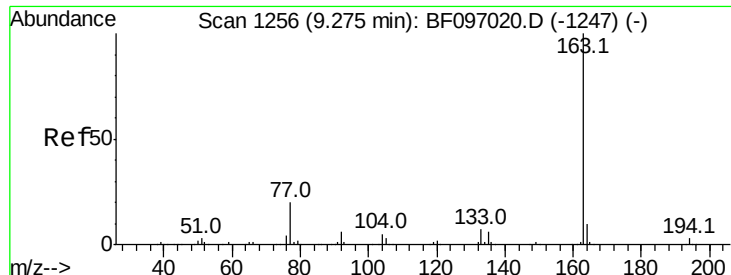
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#48
Acenaphthylene
Concen: 34.218 ng
RT: 9.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.3	10.8	16.2





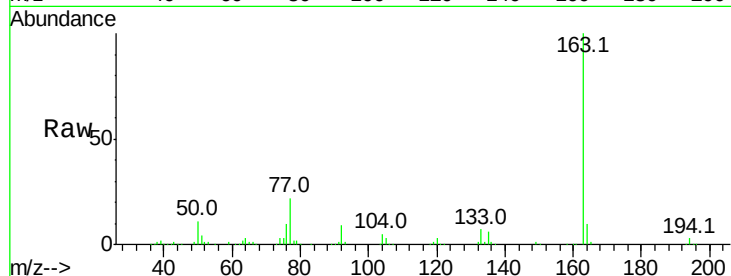
#49
Dimethylphthalate
Concen: 35.436 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

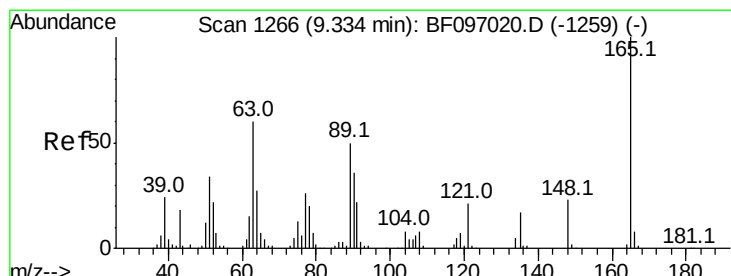
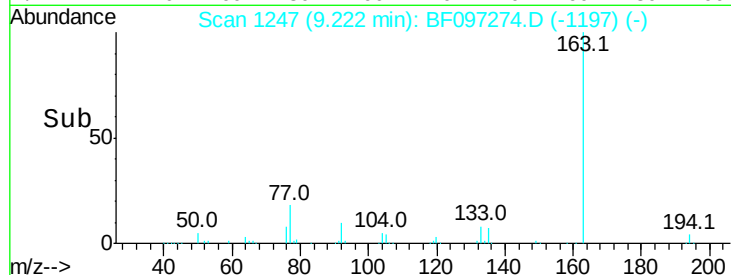
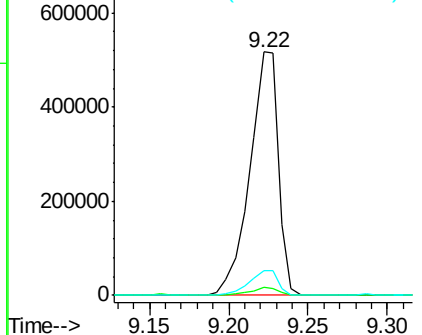
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

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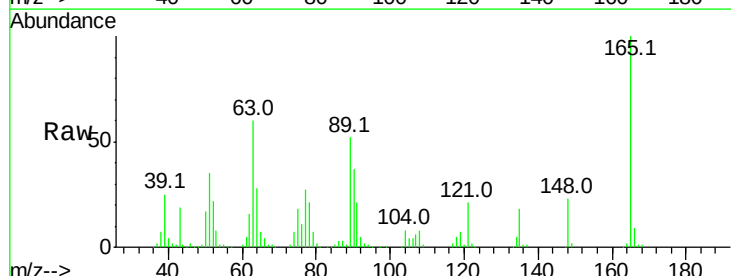


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

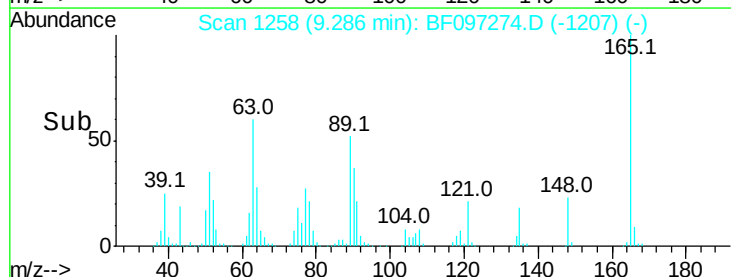
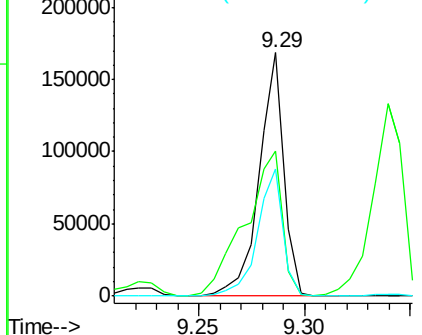


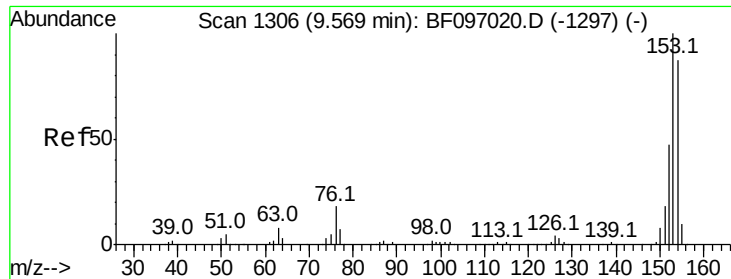
#50
2,6-Dinitrotoluene
Concen: 35.556 ng
RT: 9.29 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.7	34.3	51.5#	
89	52.1	37.1	55.7	



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





#51

Acenaphthene

Concen: 36.895 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

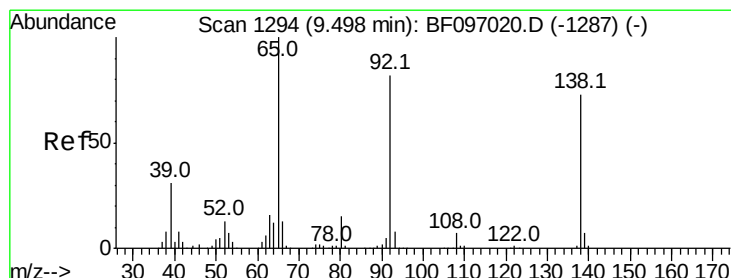
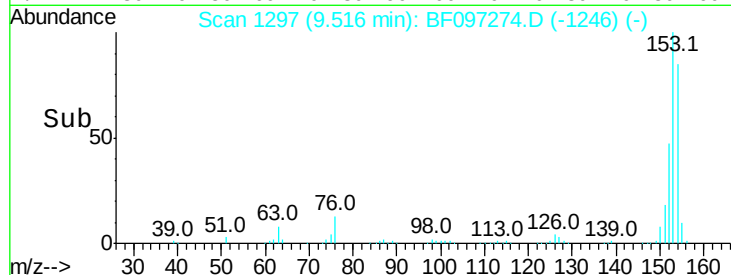
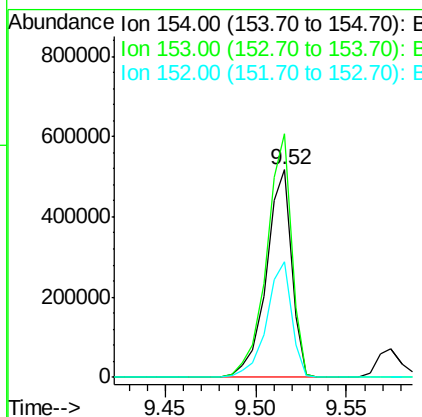
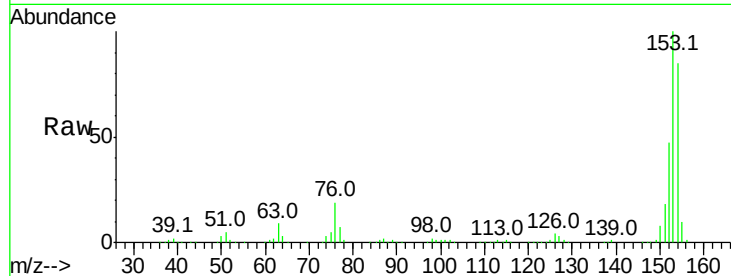
ClientSampleId :

PB101142BS

Tot Ion:	154	Resp:	504094
Ion Ratio	Lower	Upper	
154	100		
153	117.3	90.5	135.7
152	55.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.293 ng

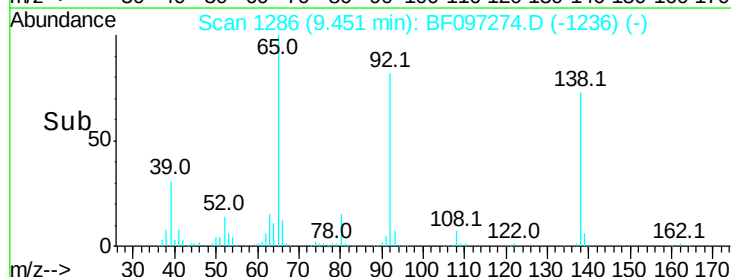
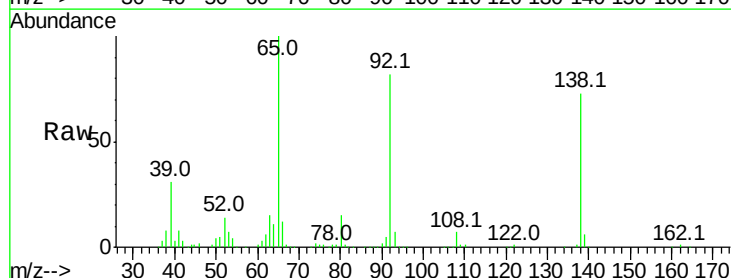
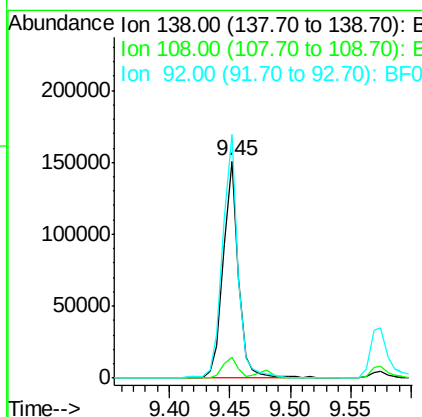
RT: 9.45 min Scan# 1286

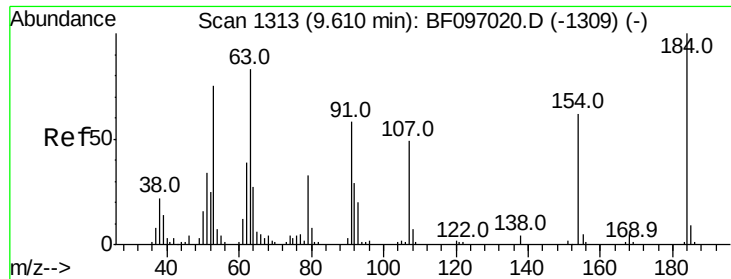
Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	138	Resp:	131180
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	112.3	93.8	140.6





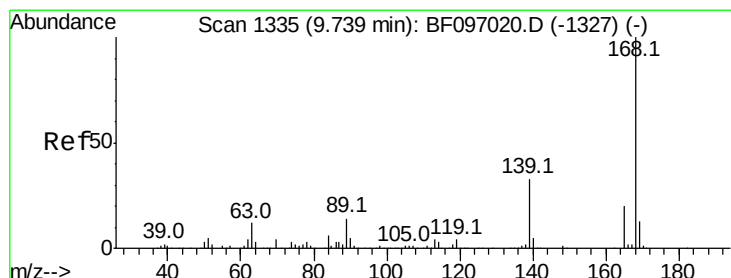
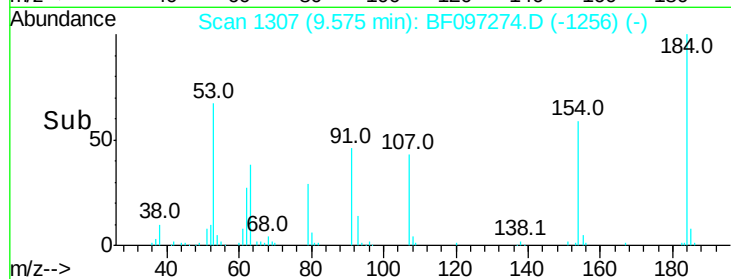
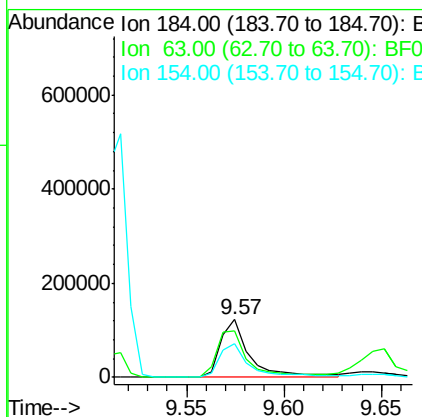
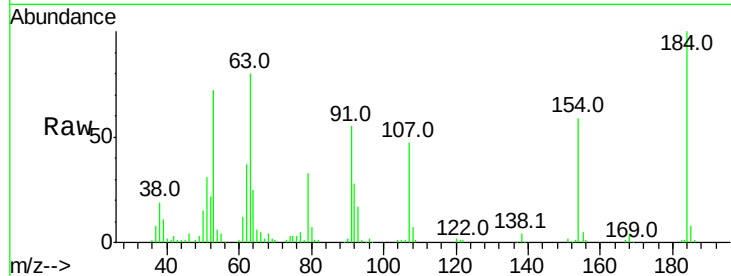
#53
 2,4-Dinitrophenol
 Concen: 74.401 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	130993		
63	79.7	62.7	94.1	
154	59.1	81.1	121.7	

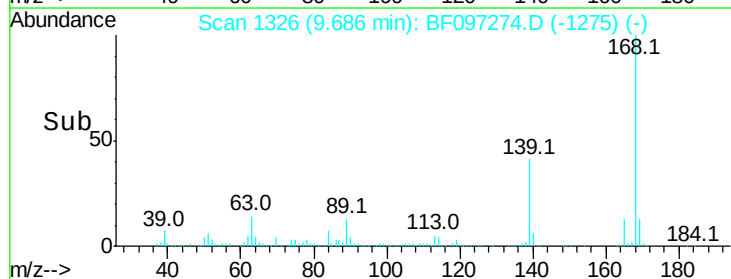
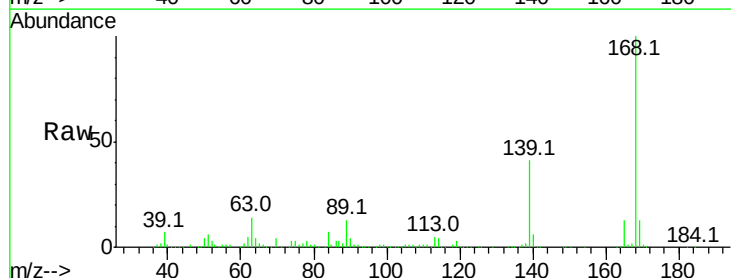
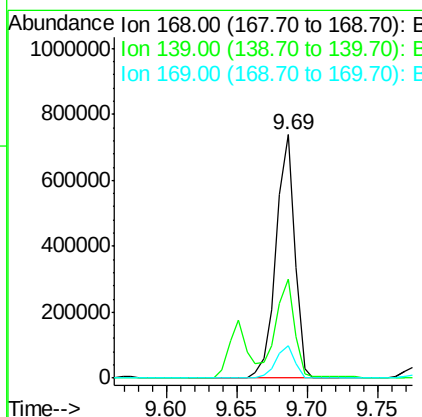
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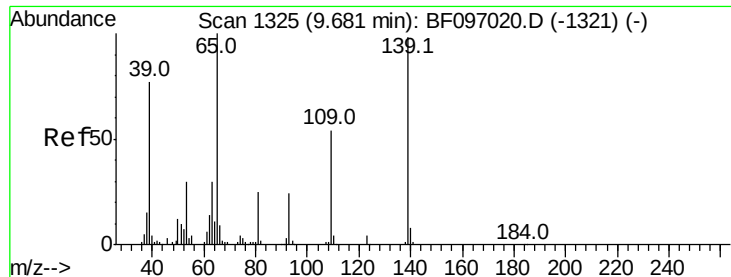
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#54
 Dibenzofuran
 Concen: 37.880 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	689379		
139	40.8	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 53.589 ng

RT: 9.65 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

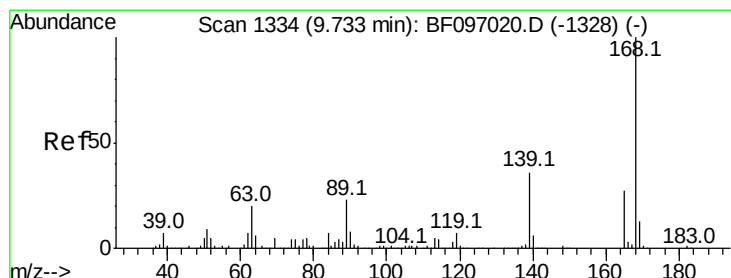
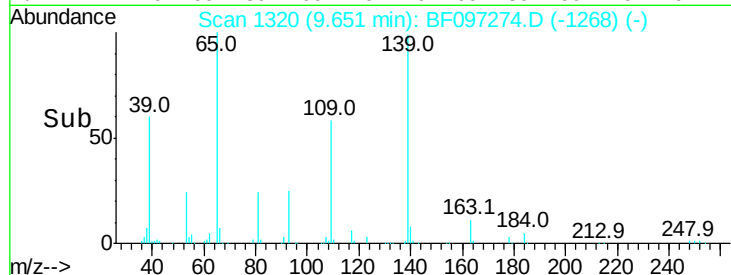
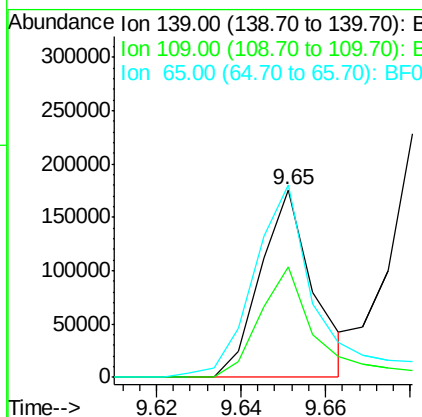
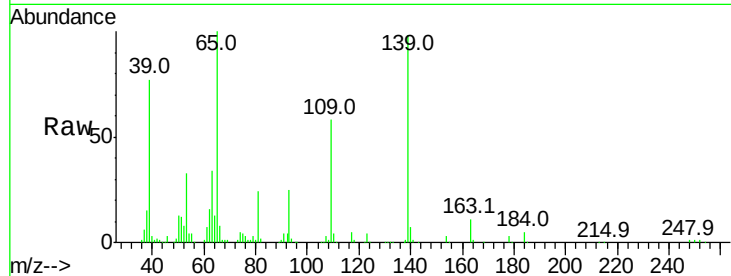
ClientSampleId :

PB101142BS

Tot Ion:	139	Resp:	153174
Ion Ratio	Lower	Upper	
139	100		
109	59.0	34.1	74.1
65	102.4	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 39.214 ng

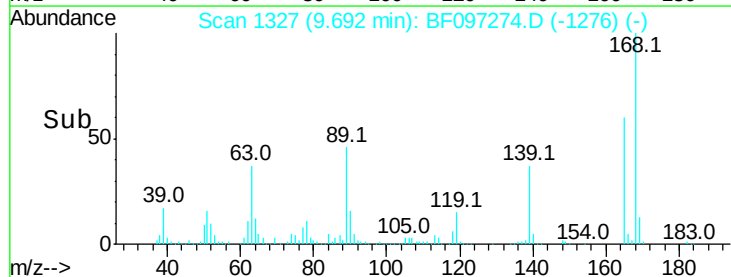
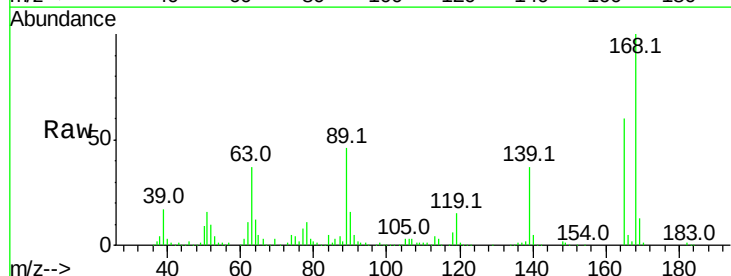
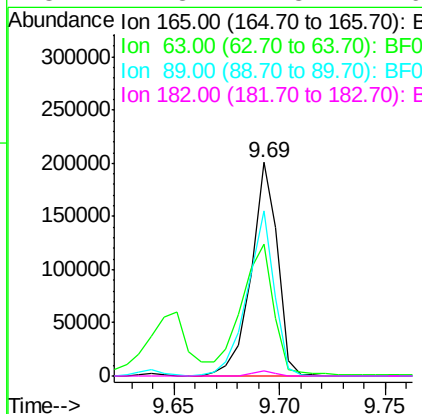
RT: 9.69 min Scan# 1327

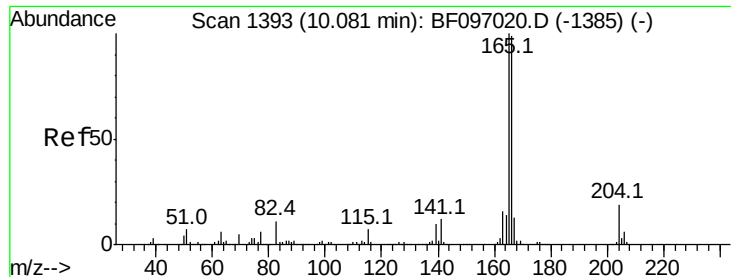
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	165	Resp:	174559
Ion Ratio	Lower	Upper	
165	100		
63	61.9	25.4	38.0#
89	77.5	46.4	69.6#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 35.361 ng

RT: 10.03 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB101142BS

Tot Ion:166 Resp: 483668

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

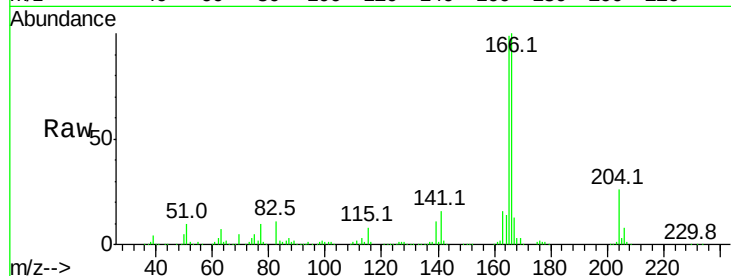
167 13.2 10.6 16.0

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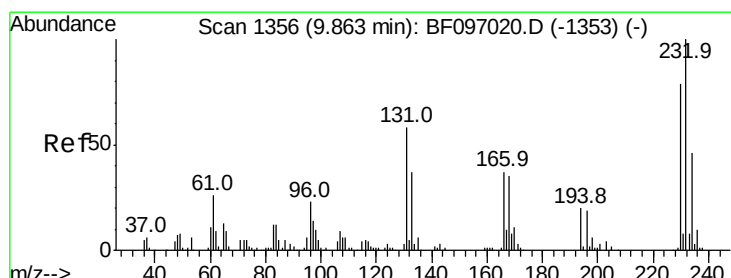
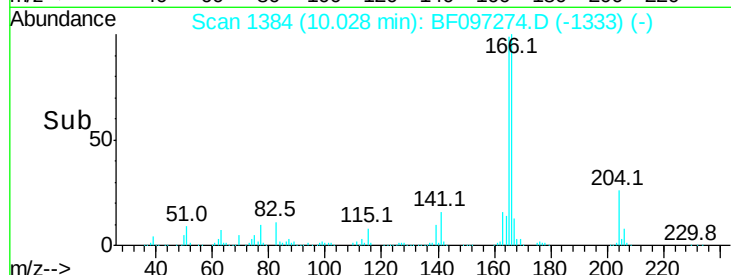
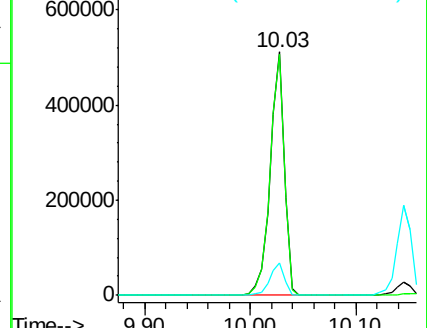
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.368 ng

RT: 9.82 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:232 Resp: 129694

Ion Ratio Lower Upper

232 100

131 52.4 44.8 67.2

130 2.2 2.3 3.5#

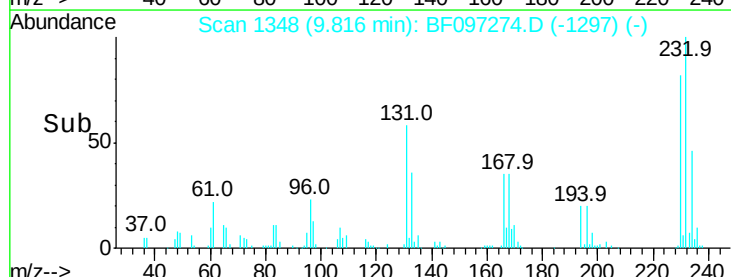
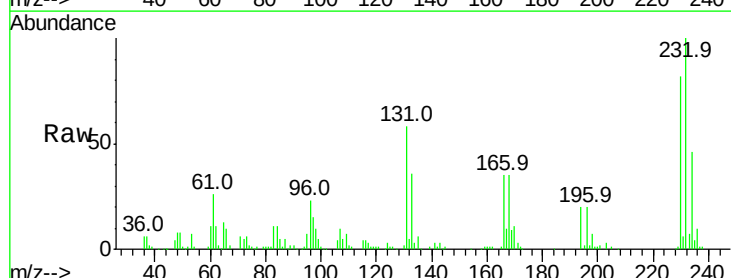
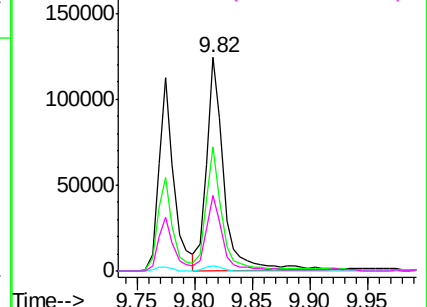
166 32.8 29.0 43.4

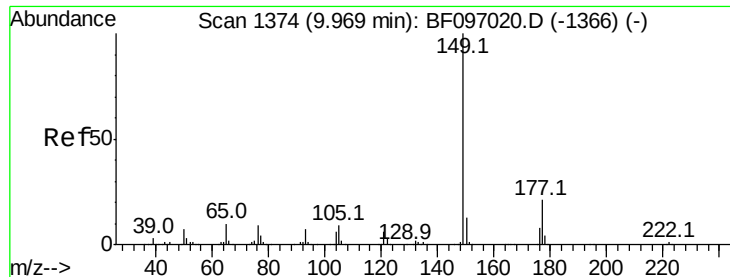
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





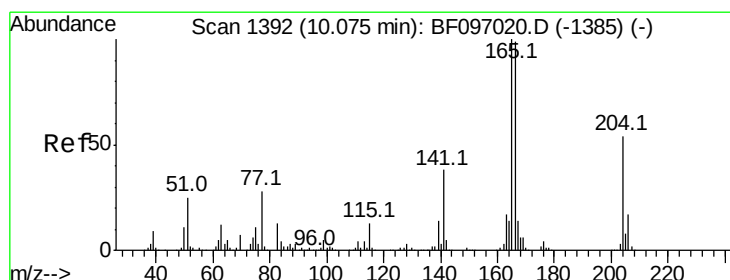
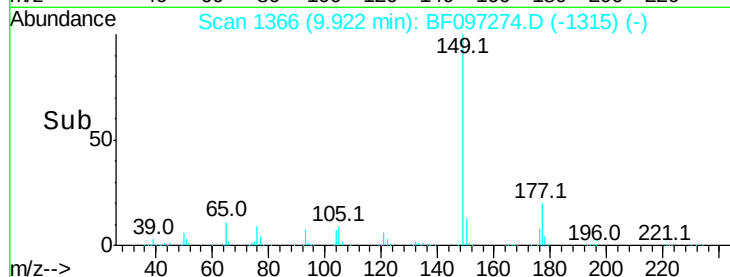
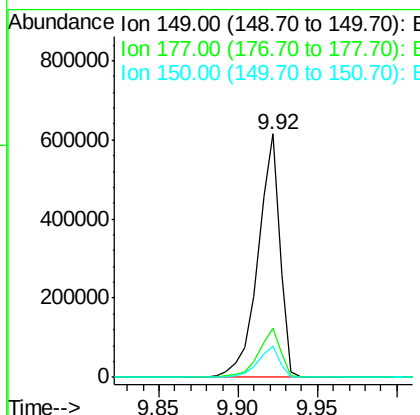
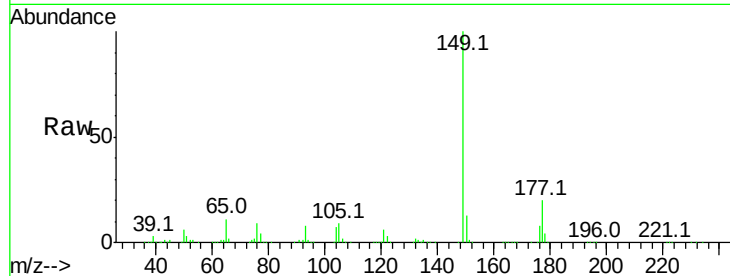
#59
Diethylphthalate
Concen: 35.499 ng
RT: 9.92 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	594605		
177	20.2	16.7	25.1	
150	12.7	10.2	15.2	

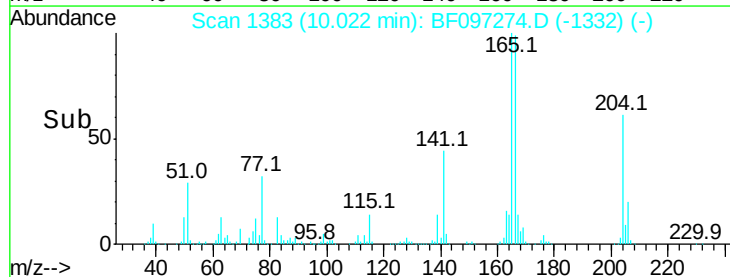
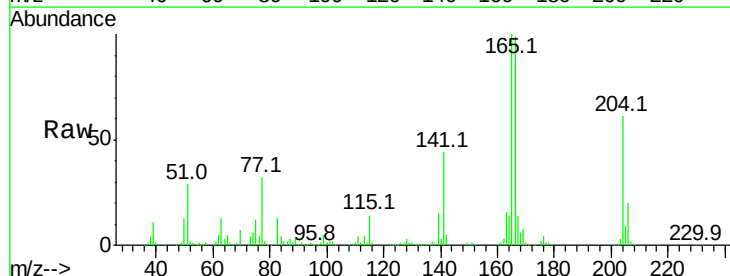
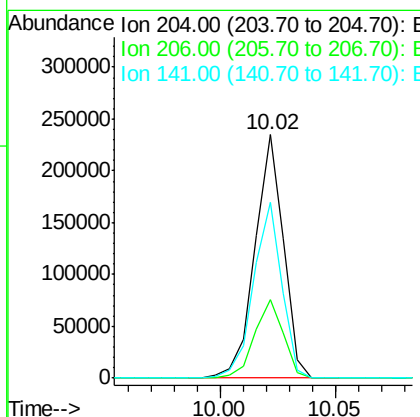
Manual Integrations
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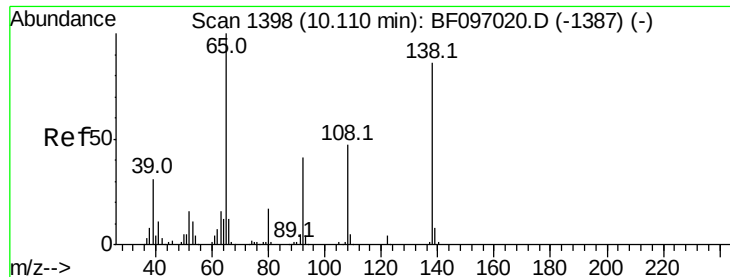
Sohil
8/3/2017 6:08:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.863 ng
RT: 10.02 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	202563		
206	32.3	26.2	39.2	
141	72.1	60.8	91.2	





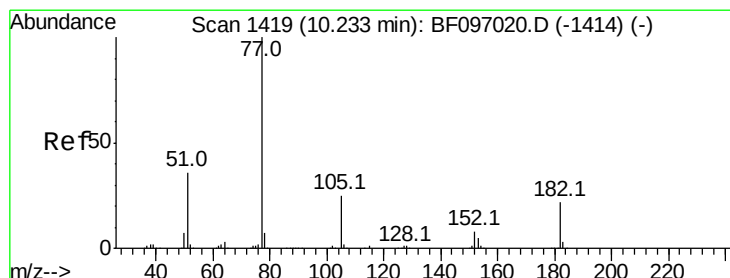
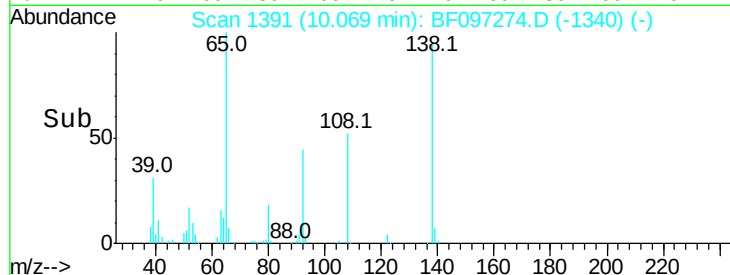
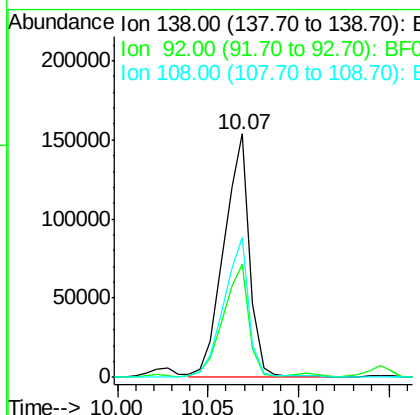
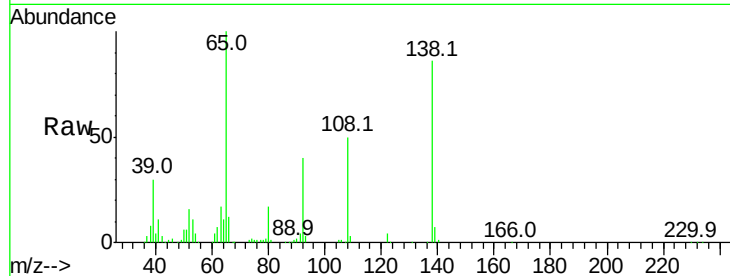
#61
4-Nitroaniline
Concen: 33.279 ng
RT: 10.07 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	57.7	42.3	82.3

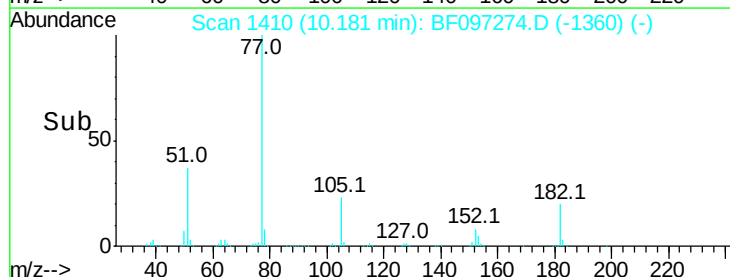
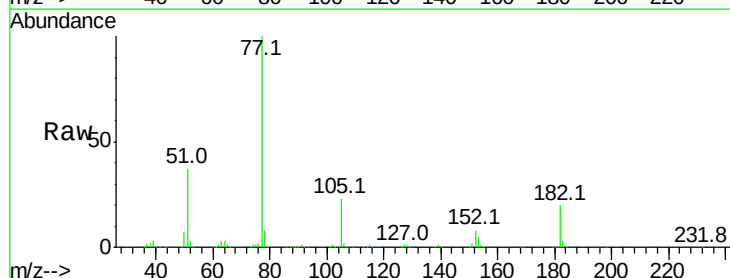
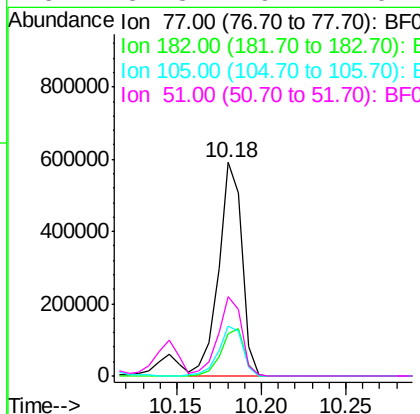
Manual Integrations
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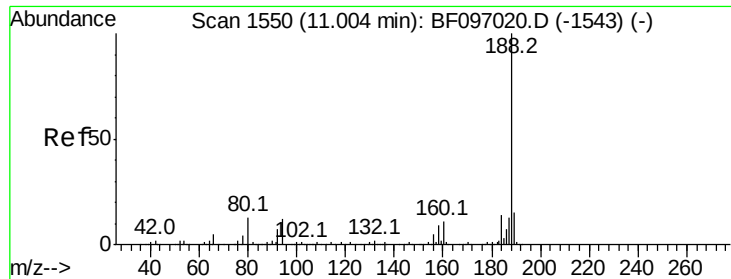
Sohil
8/3/2017 6:08:02 PM



#62
Azobenzene
Concen: 36.494 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.1	40.1
105	23.4	3.6	43.6
51	37.3	9.4	49.4





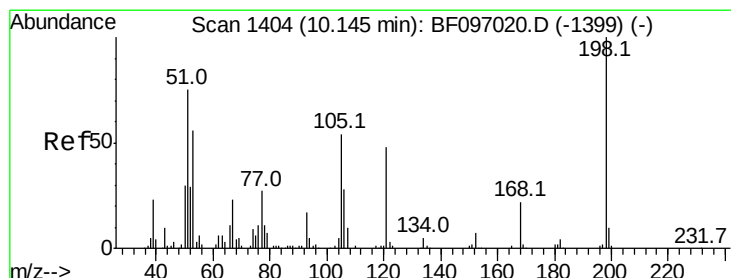
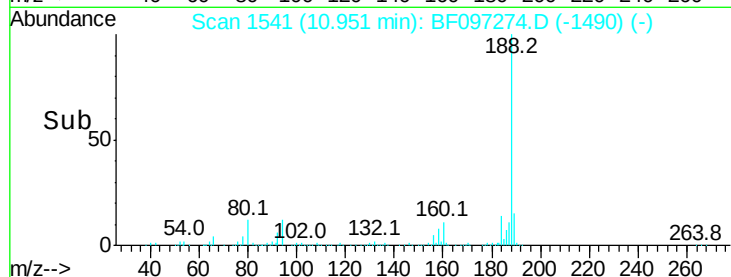
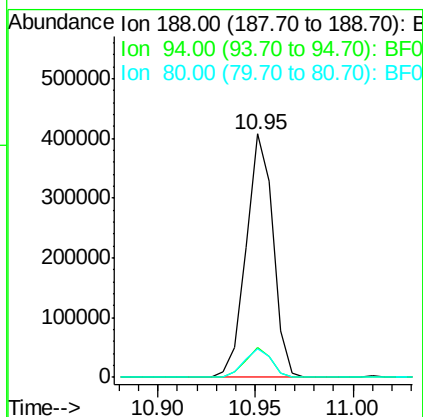
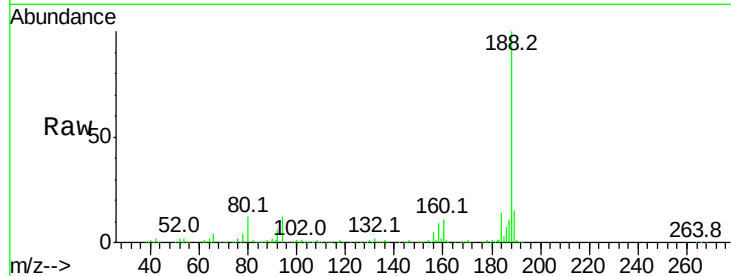
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampled :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.2	9.4	14.2	
80	11.8	10.2	15.2	

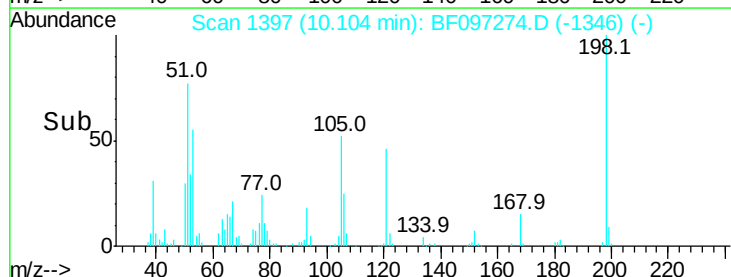
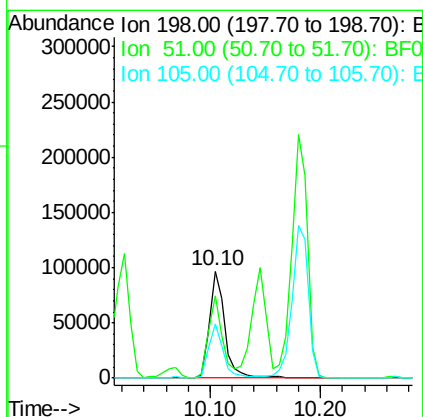
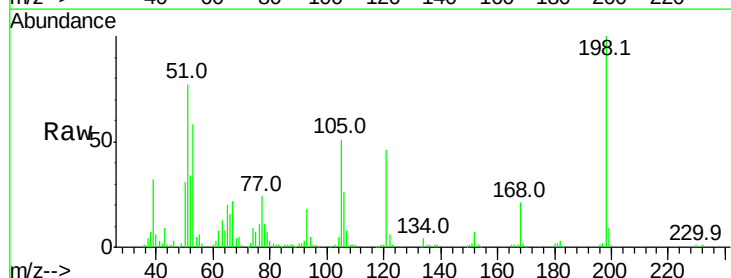
Manual Integrations
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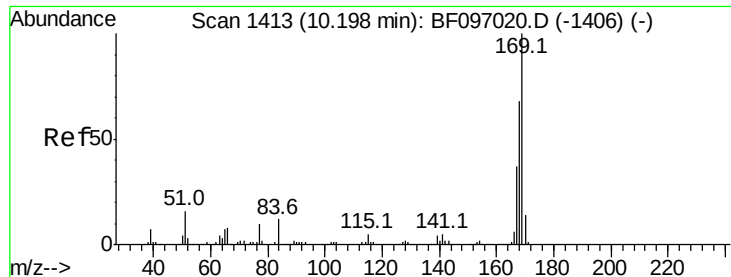
Sohil
8/3/2017 6:08:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.483 ng
RT: 10.10 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	77.2	53.2	93.2	
105	51.1	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 35.212 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB101142BS

Tot Ion:169 Resp: 476608

Ion Ratio Lower Upper

169 100

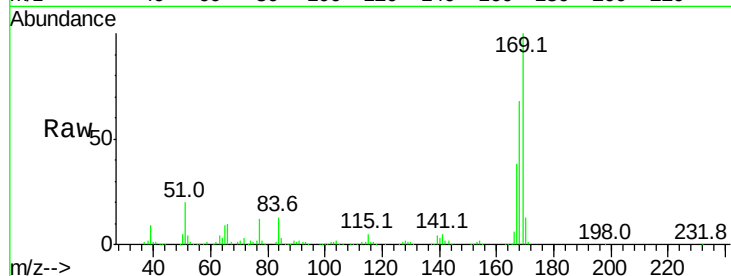
168 68.5 53.2 79.8

167 38.1 29.5 44.3

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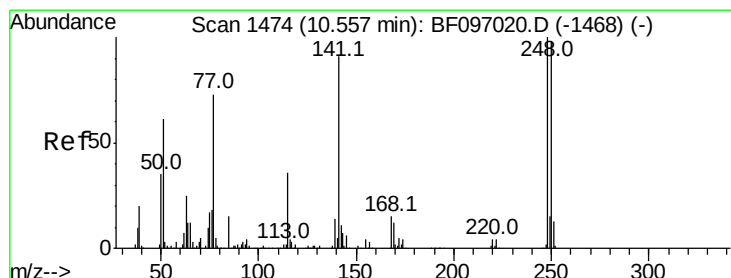
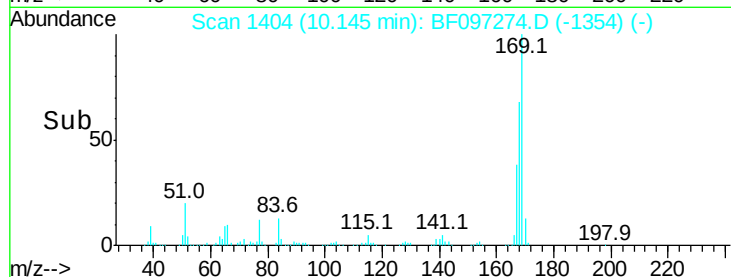
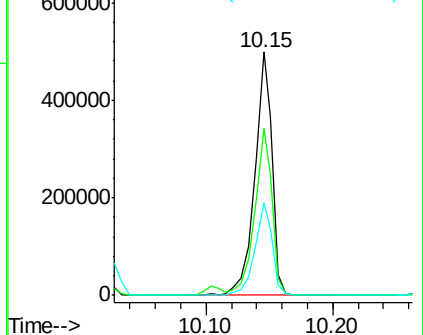
8/3/2017 6:08:02 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.595 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

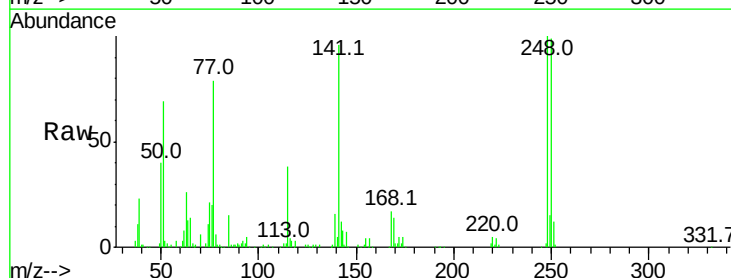
Tgt Ion:248 Resp: 145956

Ion Ratio Lower Upper

248 100

250 99.1 76.8 115.2

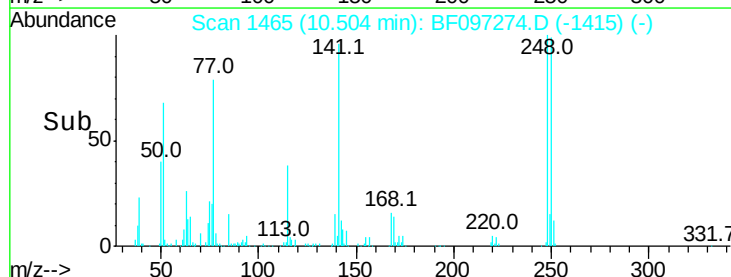
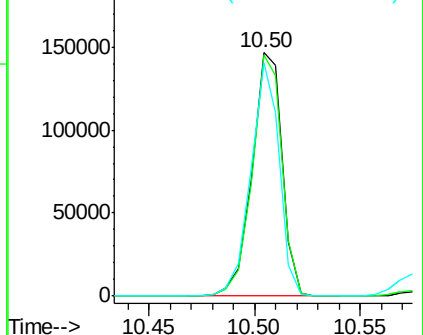
141 96.0 68.6 103.0

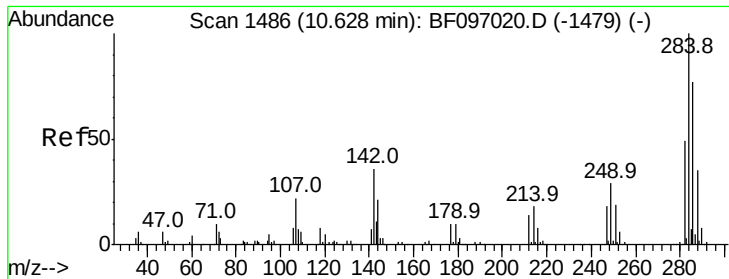


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.692 ng

RT: 10.57 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

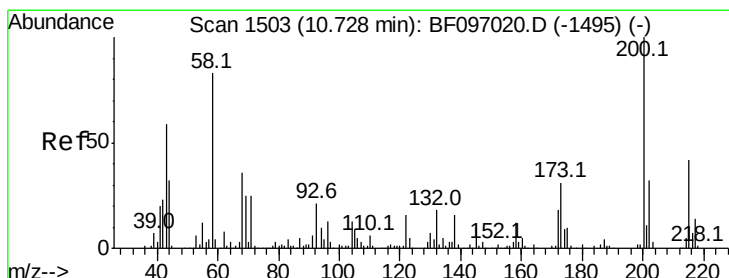
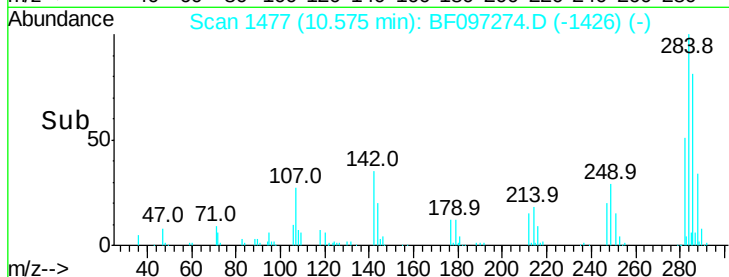
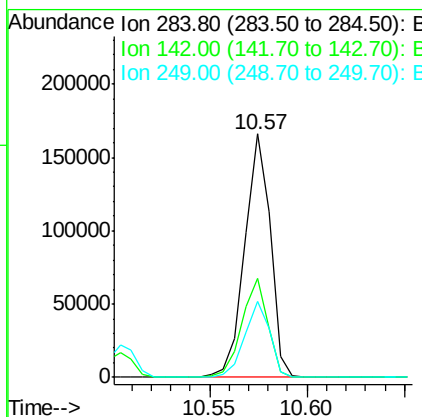
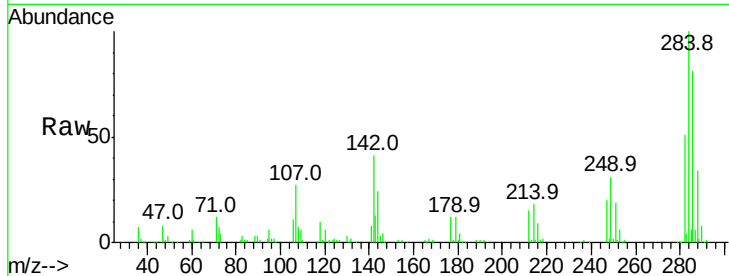
ClientSampleId :

PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.7	22.8	34.2#	
249	31.1	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 39.516 ng

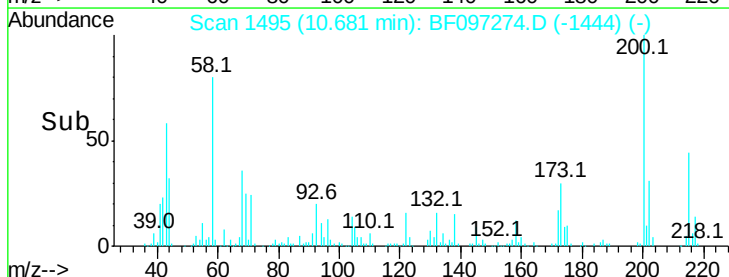
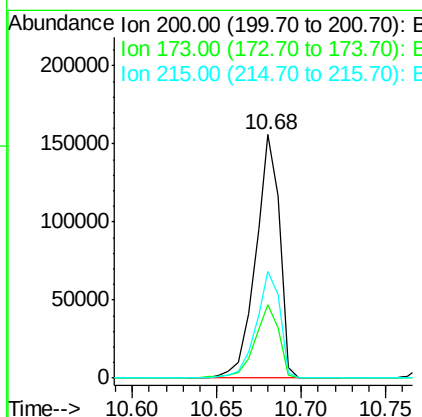
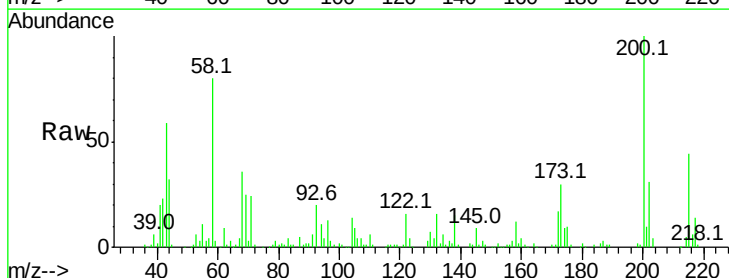
RT: 10.68 min Scan# 1495

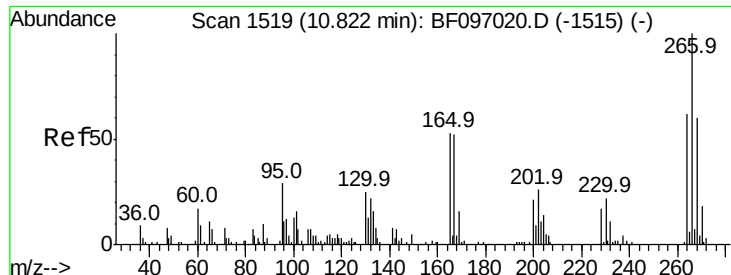
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.1	6.3	46.3	
215	43.8	27.2	67.2	





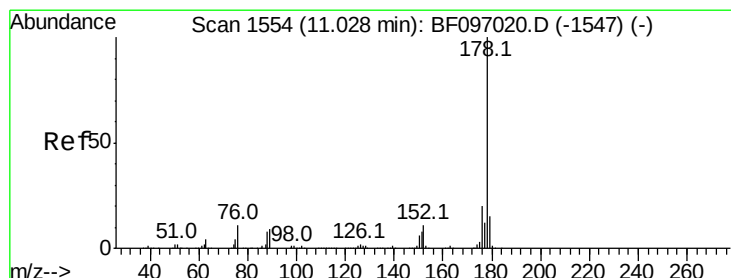
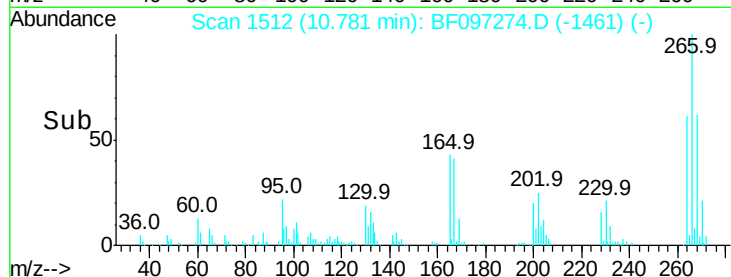
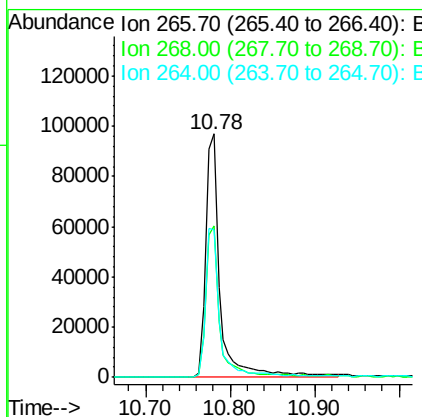
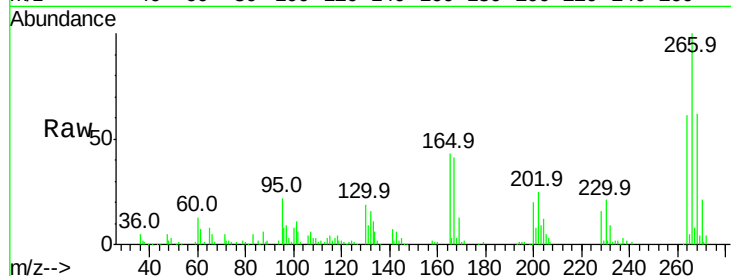
#69
 Pentachlorophenol
 Concen: 63.986 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	115259		
268	62.2		51.1	76.7
264	60.6		51.7	77.5

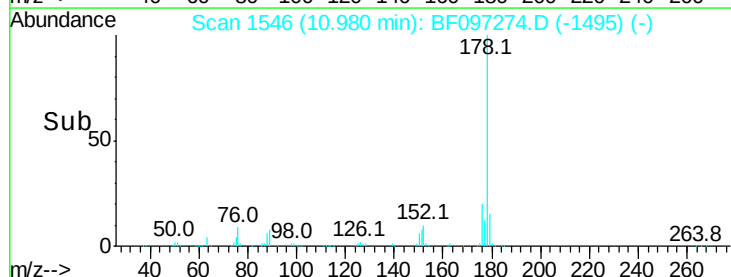
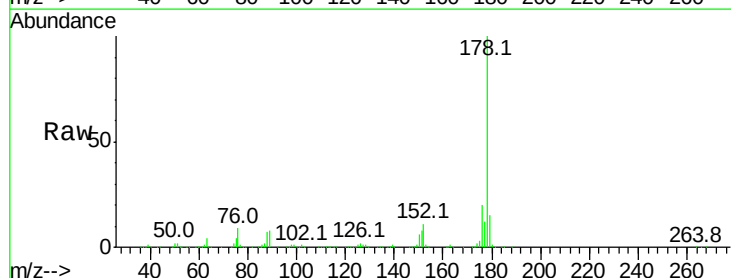
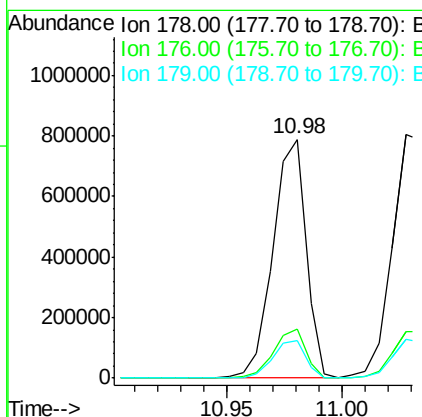
Manual Integrations
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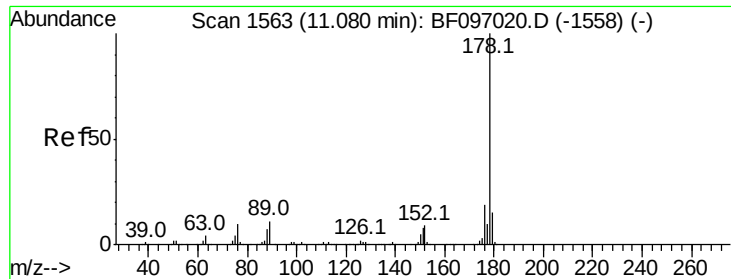
Sohil
 8/3/2017 6:08:02 PM



#70
 Phenanthrene
 Concen: 37.708 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	785968		
176	20.3		16.2	24.4
179	15.5		12.6	19.0





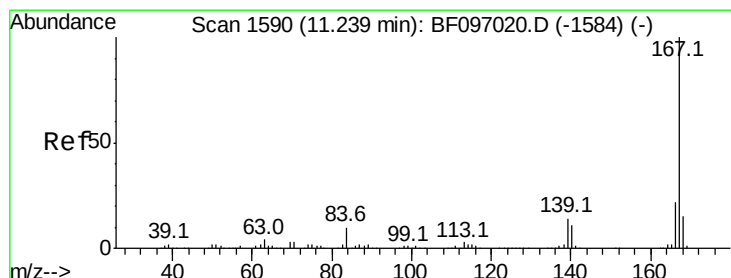
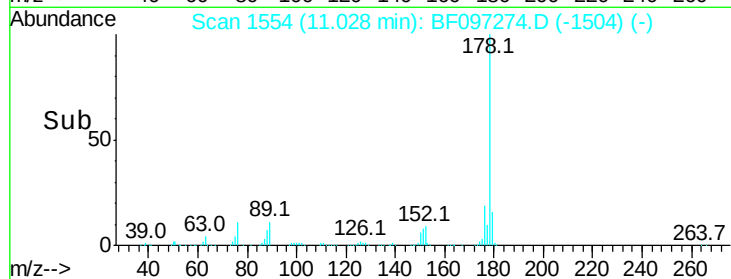
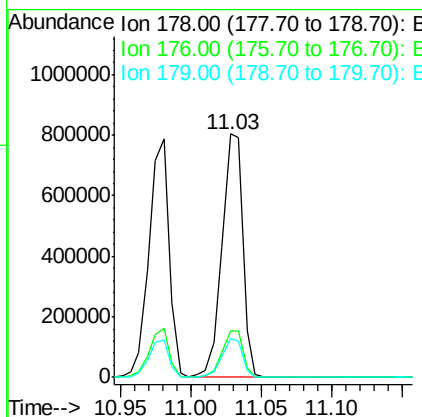
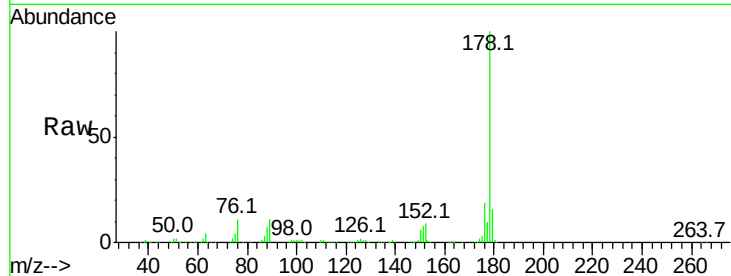
#71
 Anthracene
 Concen: 38.808 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

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

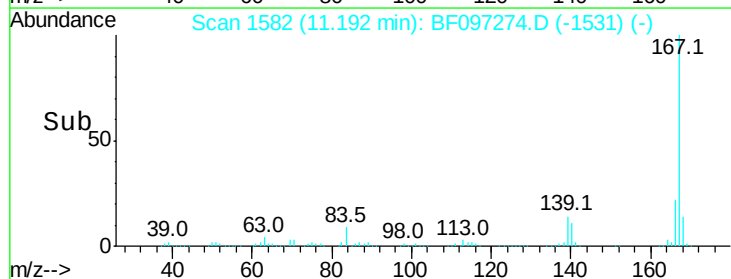
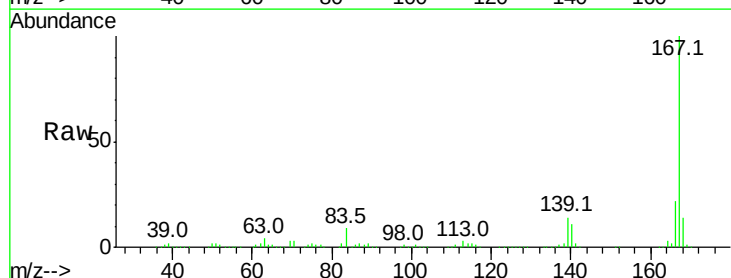
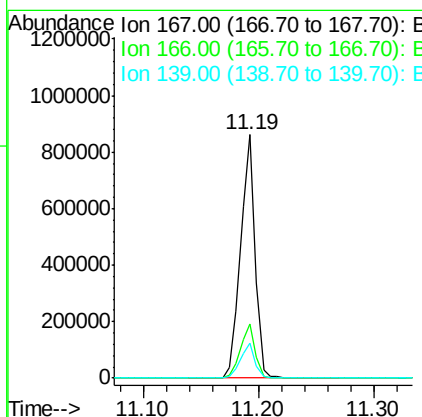
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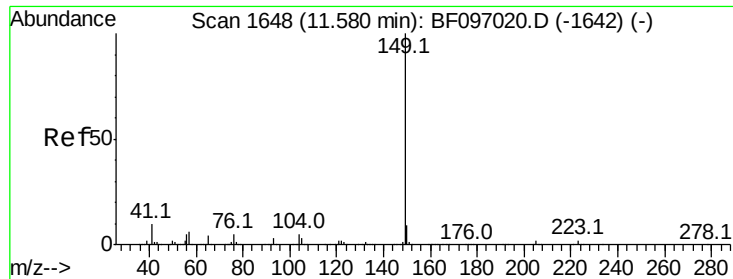
Sohil
 8/3/2017 6:08:02 PM



#72
 Carbazole
 Concen: 35.931 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.083 ng

RT: 11.53 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

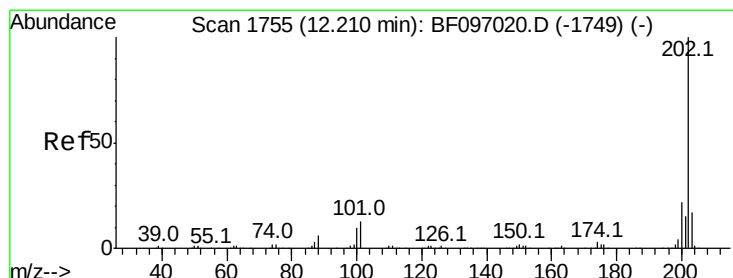
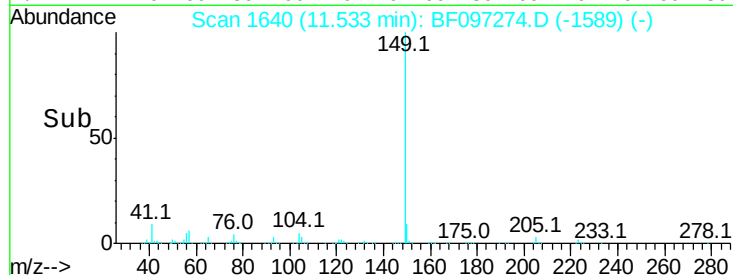
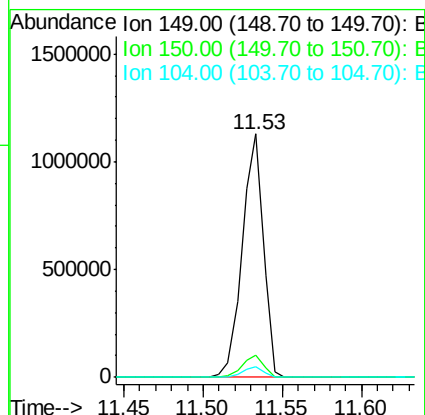
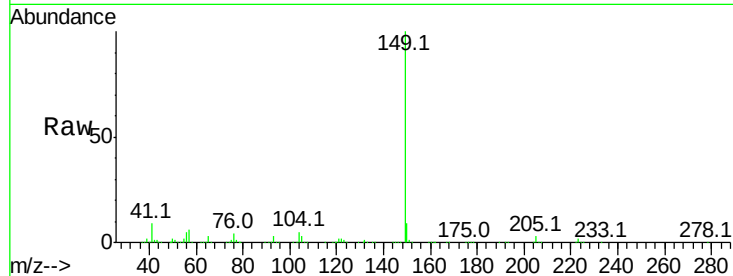
ClientSampleId :

PB101142BS

Tot Ion:	149	Resp:	1040271
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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8/3/2017 6:08:02 PM



#74

Fluoranthene

Concen: 39.115 ng

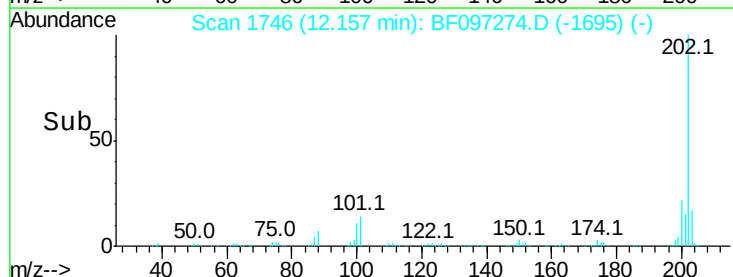
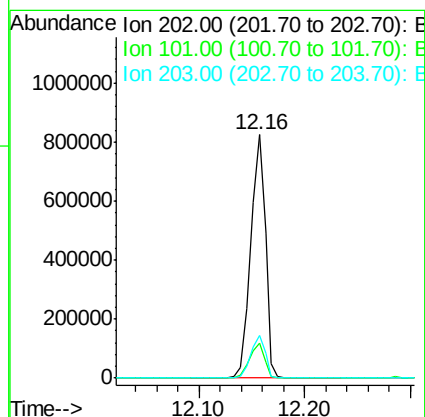
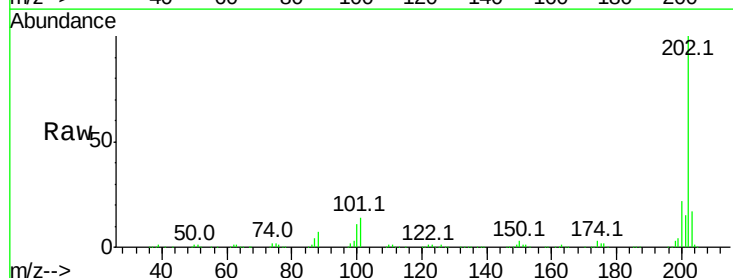
RT: 12.16 min Scan# 1746

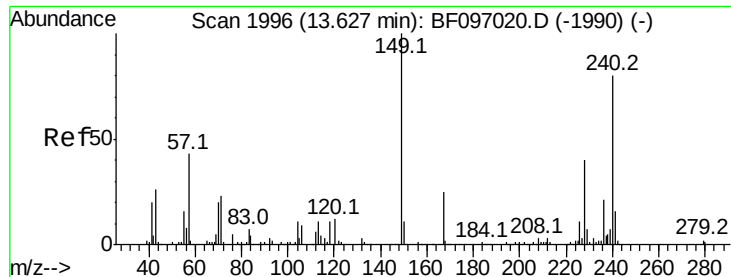
Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:	202	Resp:	798715
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.3	0.0	38.1





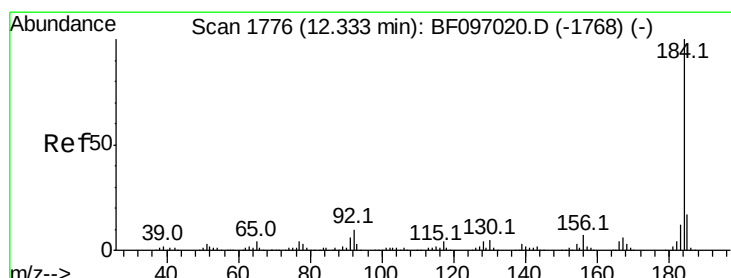
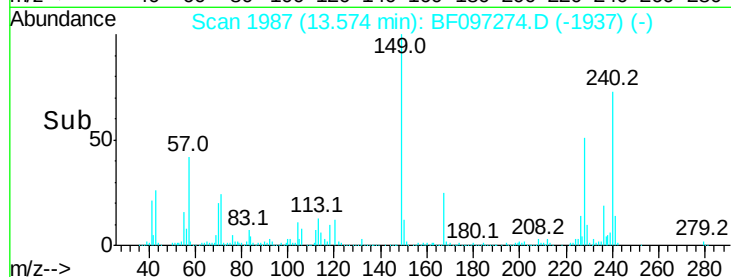
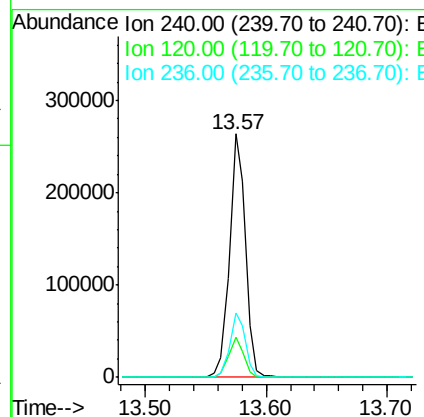
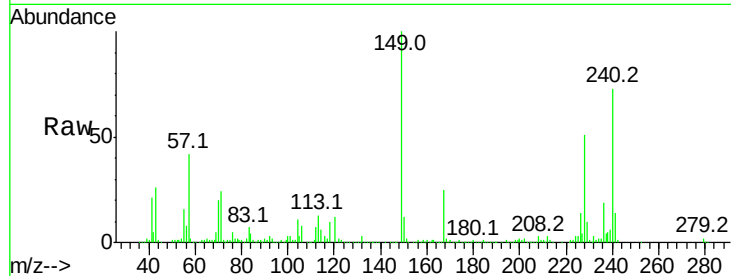
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	239848		
120	16.3	5.8	8.8#	
236	26.6	20.5	30.7	

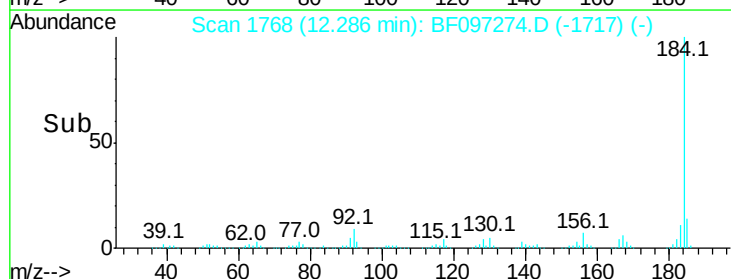
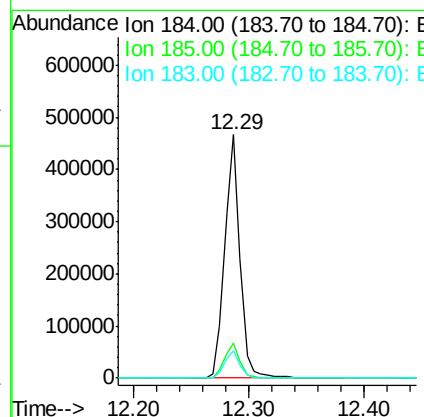
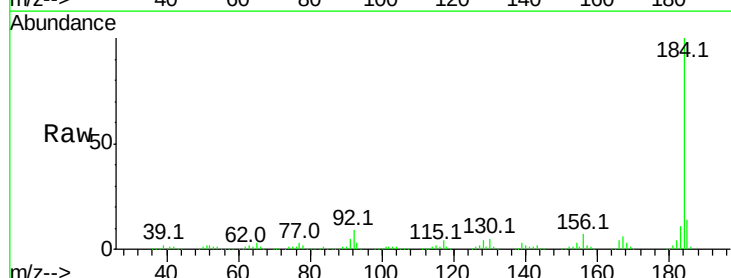
Manual Integrations
APPROVED

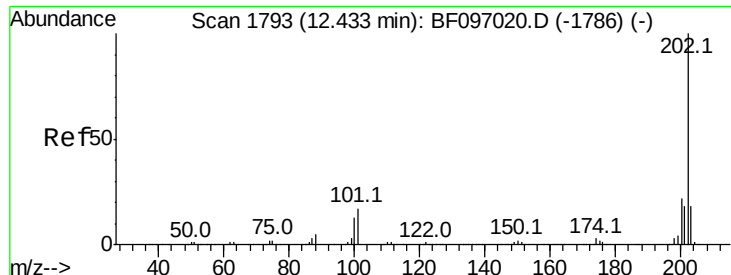
Sohil
8/3/2017 6:08:02 PM



#76
Benzidine
Concen: 48.018 ng
RT: 12.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	427336		
185	14.3	15.5	23.3#	
183	11.4	9.8	14.6	





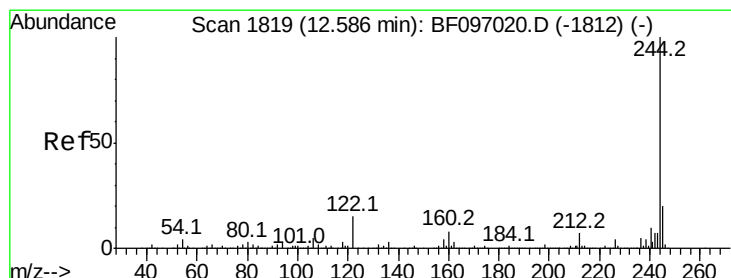
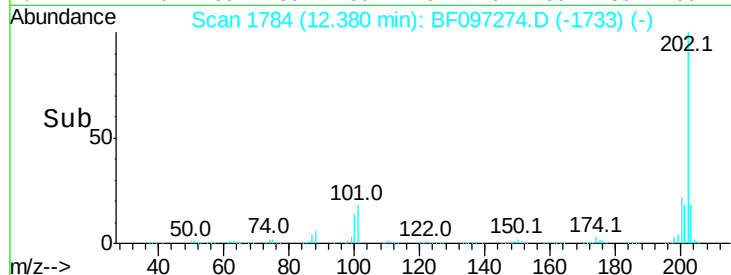
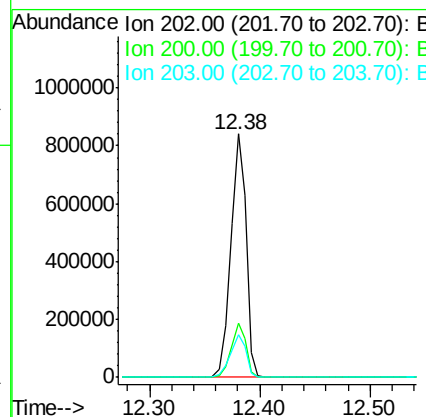
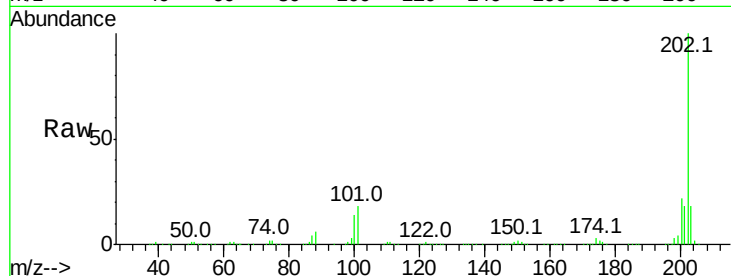
#77
Pvrene
Concen: 41.675 ng
RT: 12.38 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	818309		
200	22.1		17.6	26.4
203	17.6		14.4	21.6

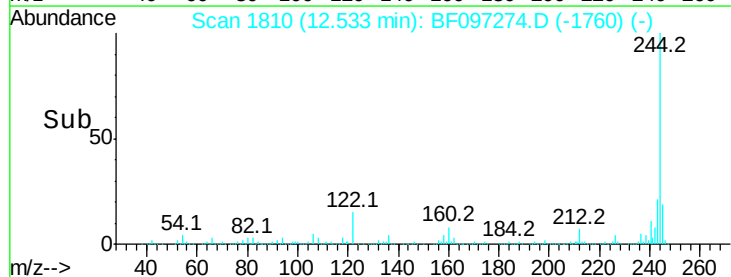
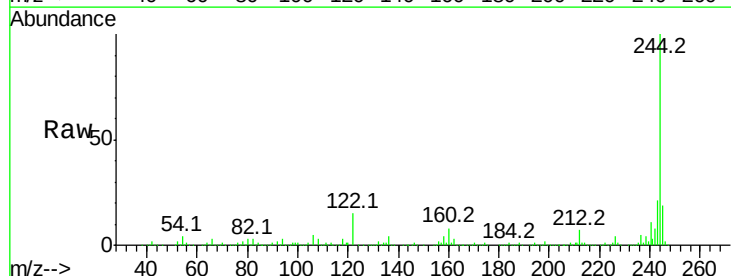
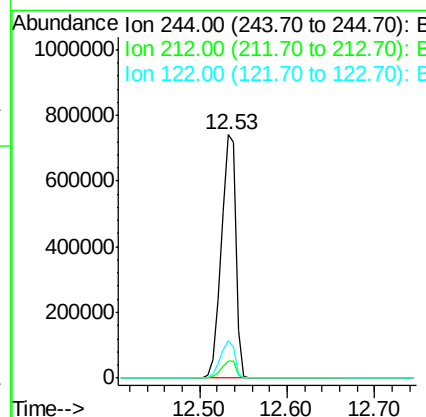
Manual Integrations
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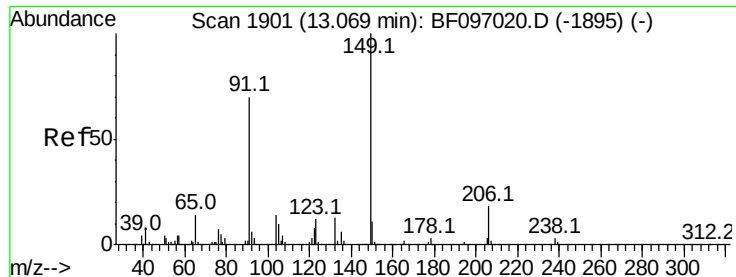
Sohil
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#78
Terphenyl-d14
Concen: 73.109 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	860047		
212	6.8		6.0	9.0
122	15.3		10.3	15.5





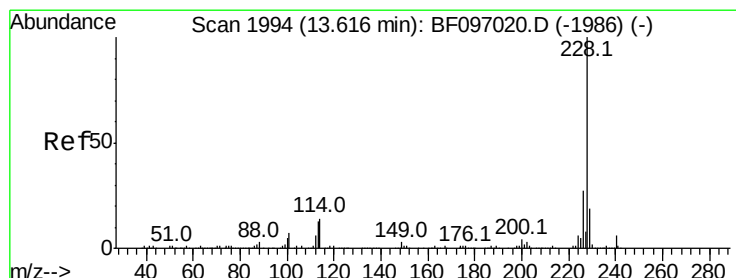
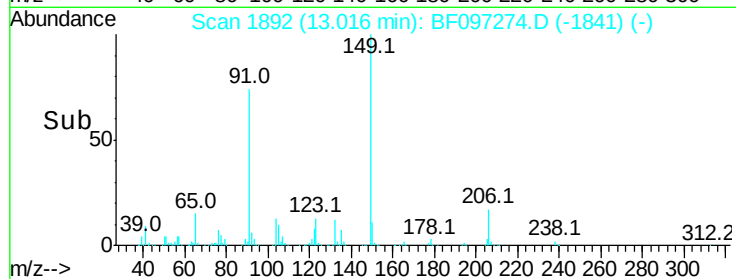
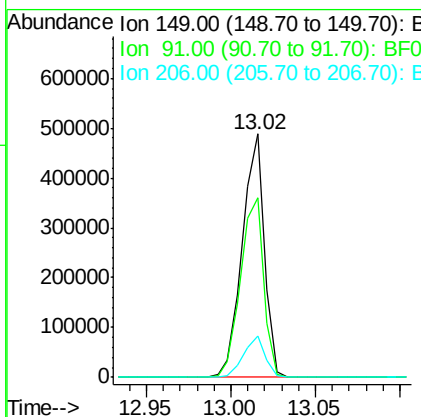
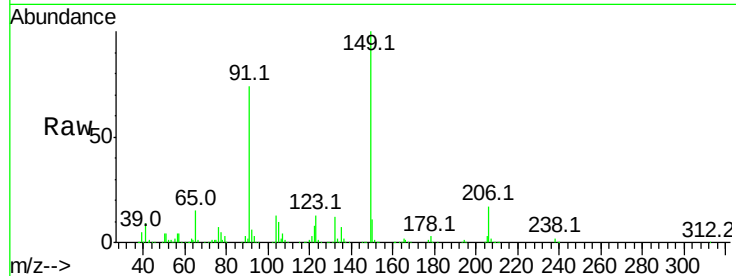
#79
Butylbenzylphthalate
Concen: 44.718 ng
RT: 13.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	446650		
91	73.6	45.0	67.4#	
206	17.1	17.0	25.6	

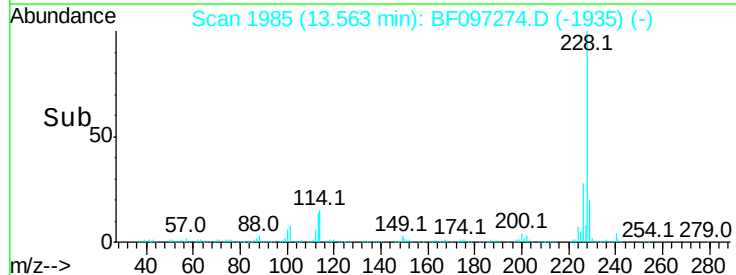
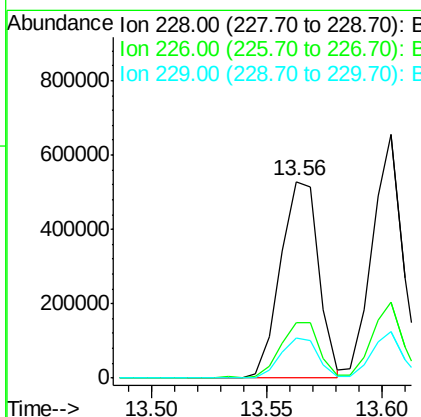
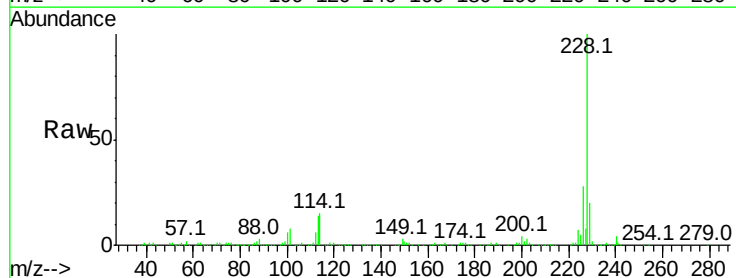
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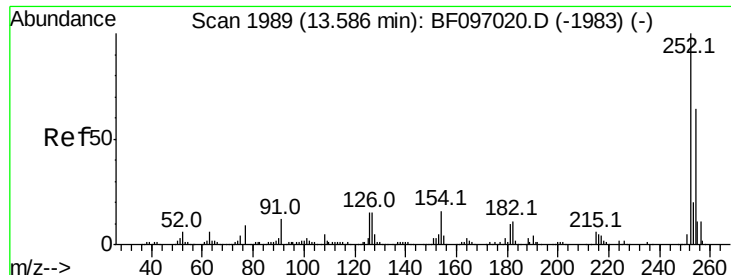
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#80
Benzo(a)anthracene
Concen: 39.080 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	606486		
226	28.1	22.6	33.8	
229	20.2	16.3	24.5	





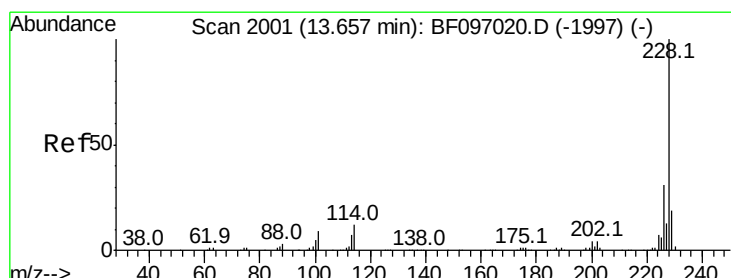
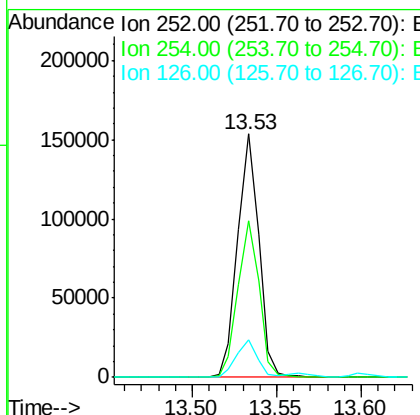
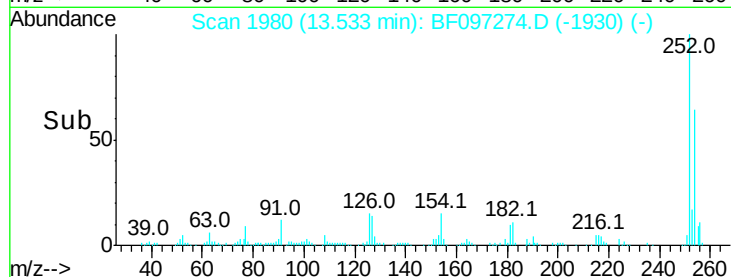
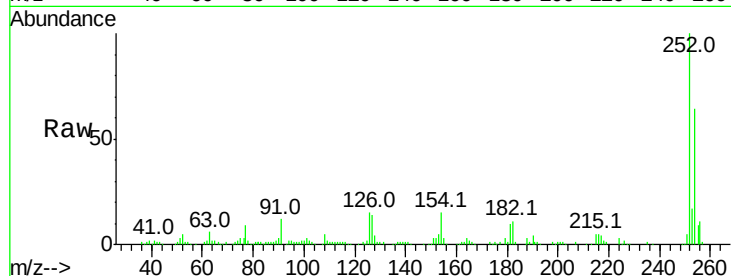
#81
 3,3'-Dichlorobenzidine
 Concen: 22.978 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	134474		
254	64.4	51.5	77.3	
126	15.2	15.8	23.8	

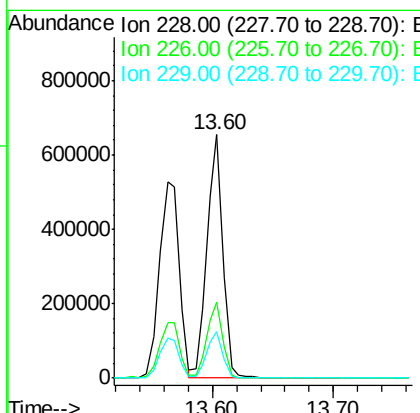
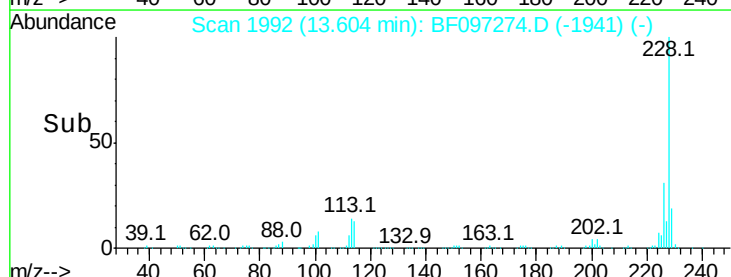
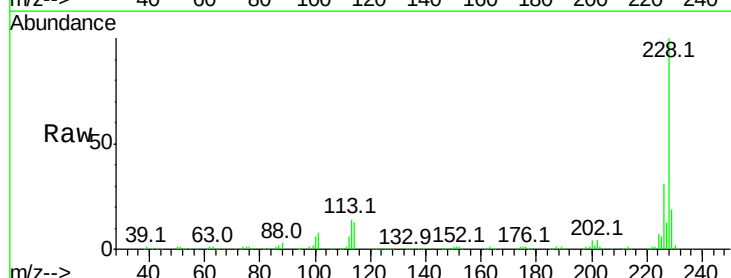
Manual Integrations
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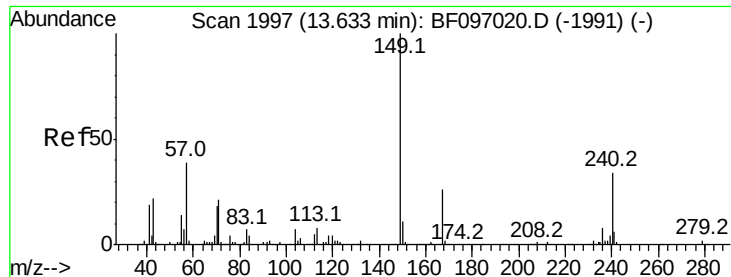
Sohil
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#82
 Chrysene
 Concen: 38.909 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	589624		
226	31.4	24.9	37.3	
229	19.4	15.8	23.6	





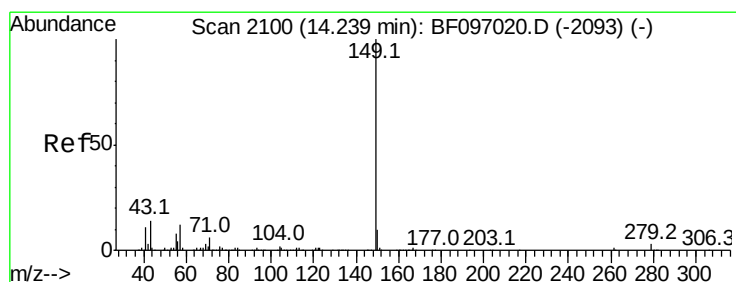
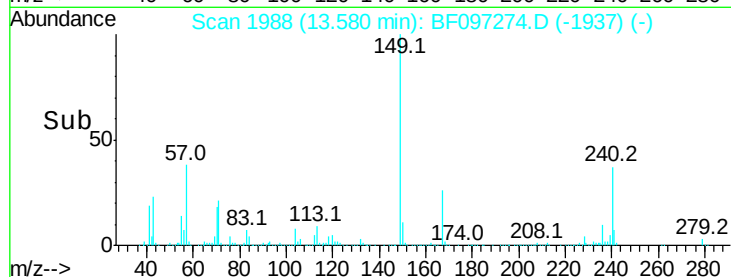
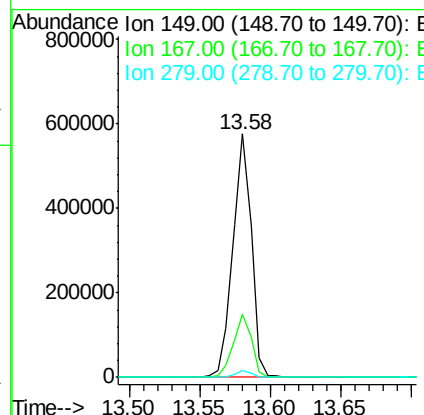
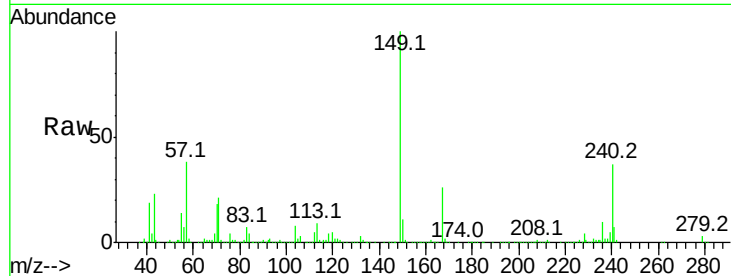
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.285 ng
 RT: 13.58 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525363		
167	26.1		21.0	31.4
279	2.8		1.9	2.9

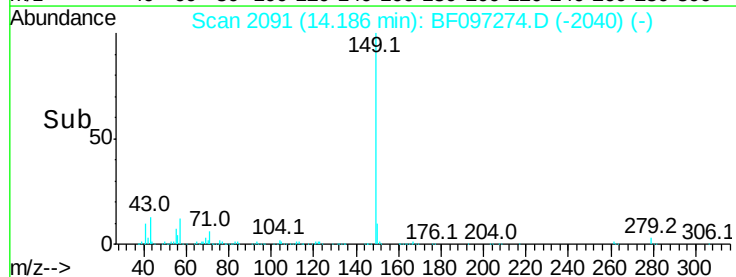
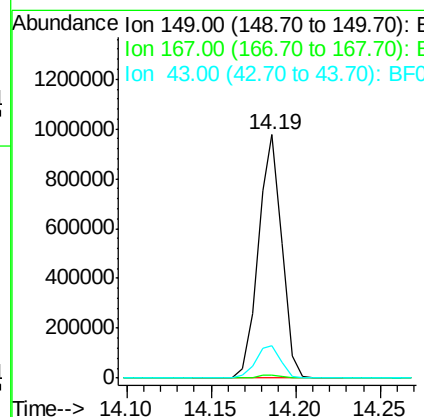
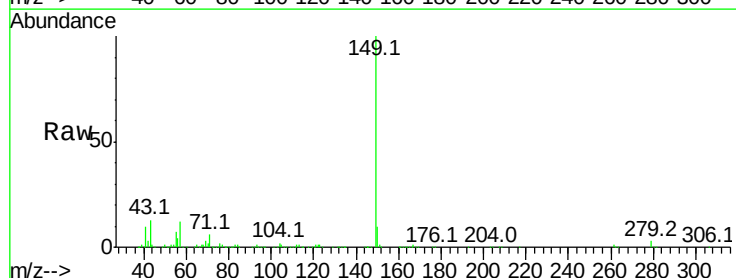
Manual Integrations
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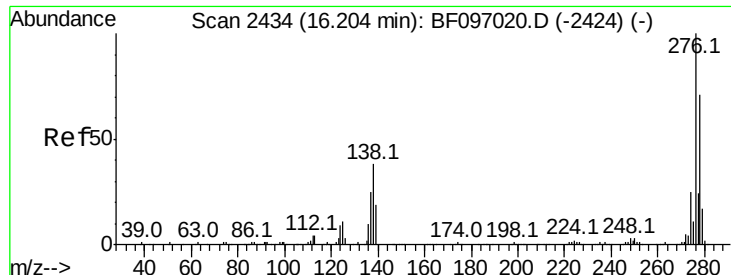
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#84
 Di-n-octyl phthalate
 Concen: 39.384 ng
 RT: 14.19 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	942543		
167	1.5		1.2	1.8
43	14.0		8.5	12.7#





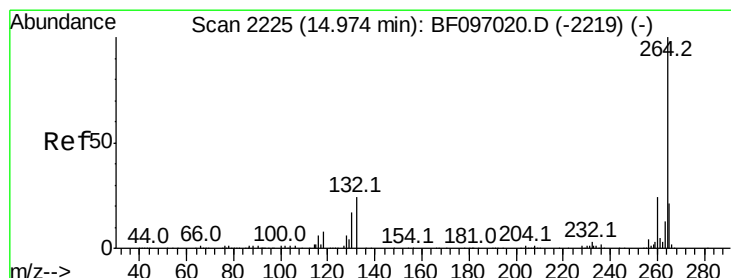
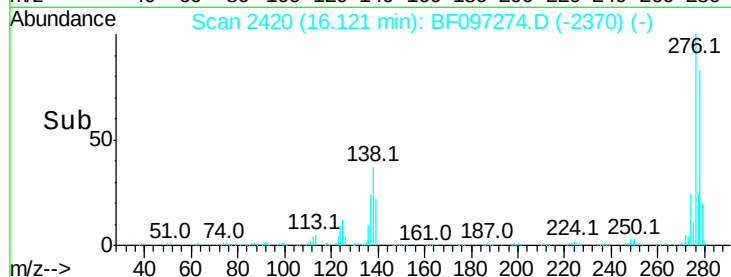
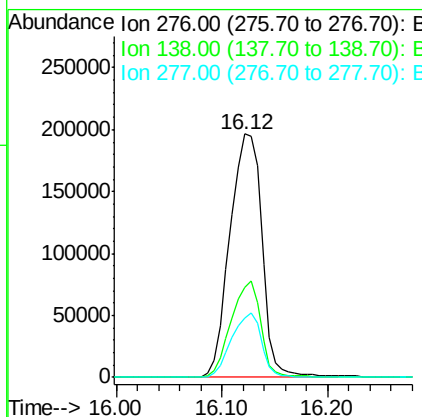
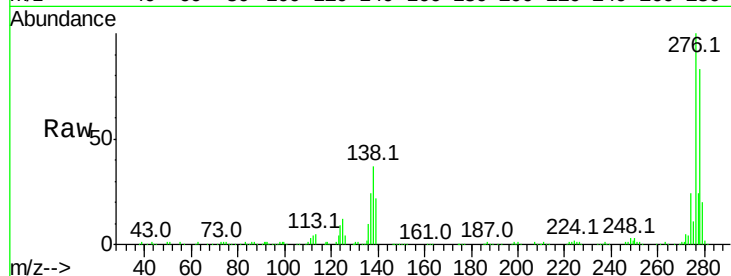
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.803 ng
RT: 16.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampled :
PB101142BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.9	27.8	41.6
277	24.5	20.2	30.4

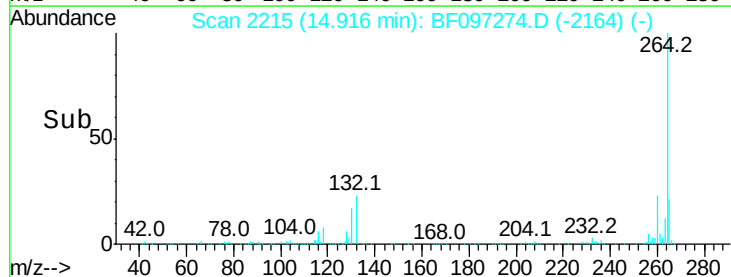
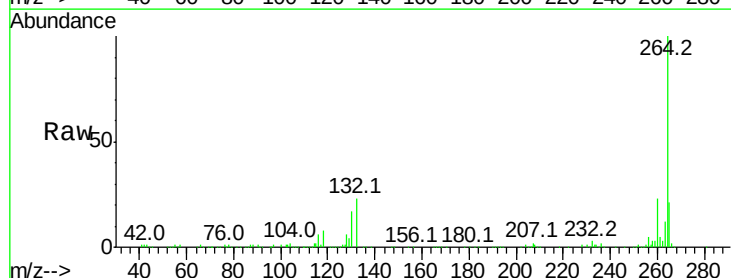
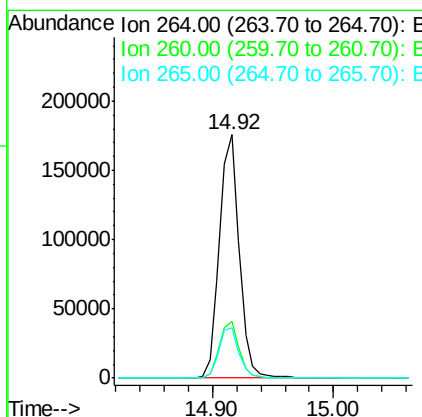
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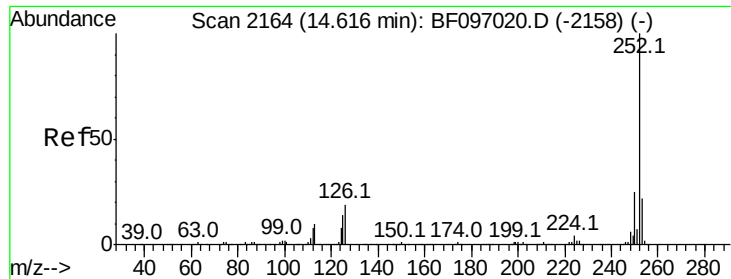
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.772 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

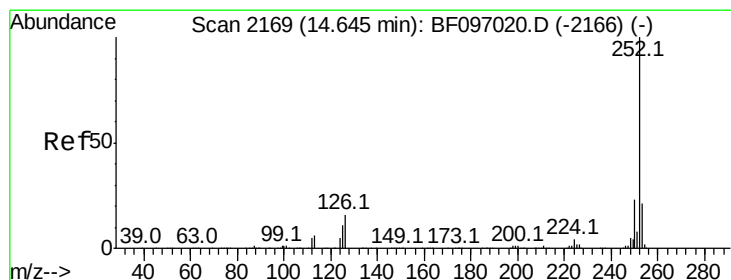
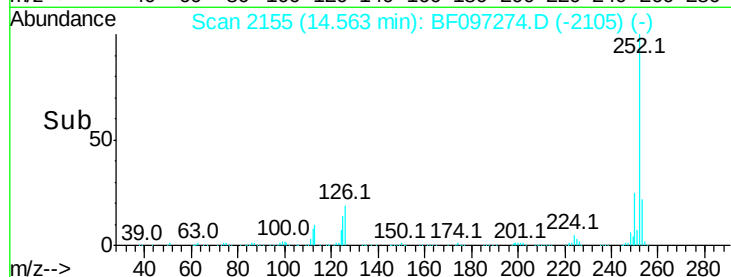
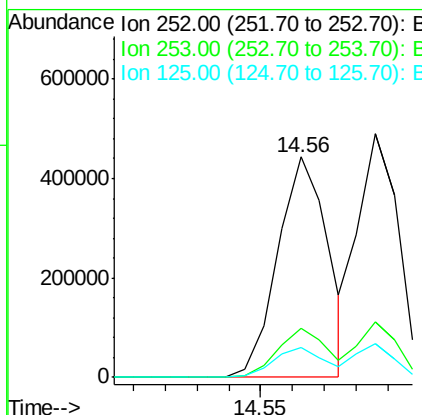
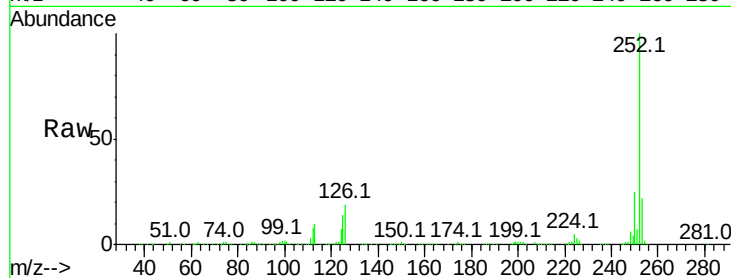
ClientSampleId :

PB101142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 38.961 ng

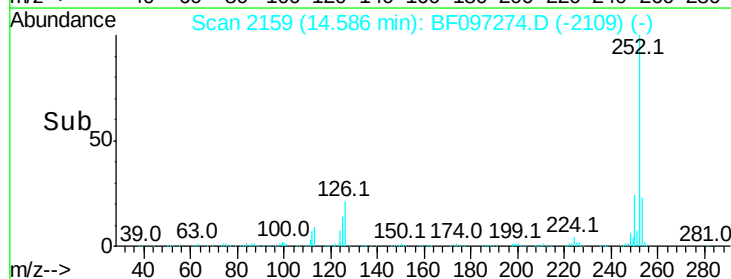
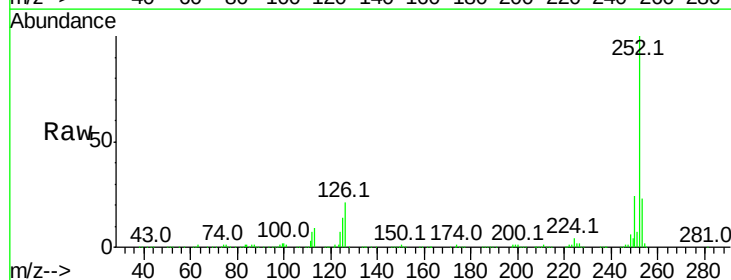
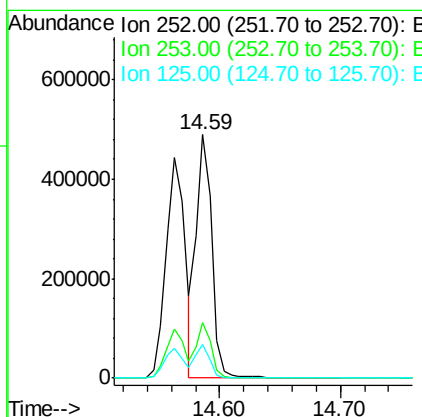
RT: 14.59 min Scan# 2159

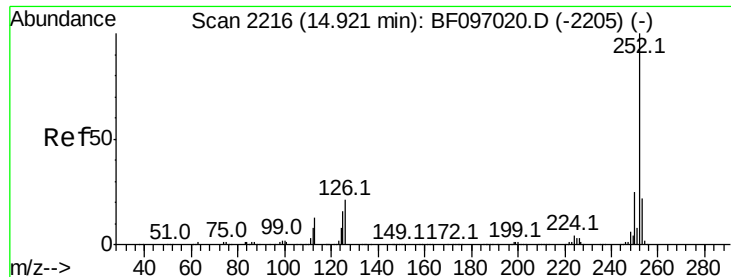
Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	13.7	13.1	19.7





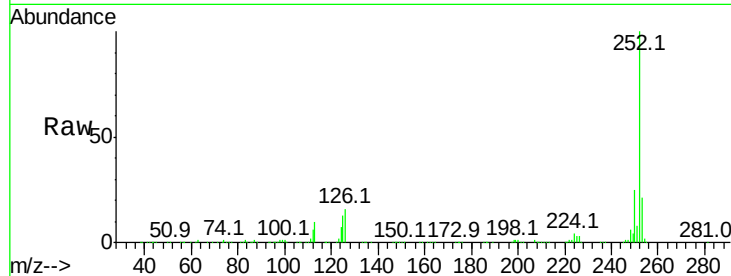
#89
Benzo(a)pyrene
Concen: 39.005 ng
RT: 14.87 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB101142BS

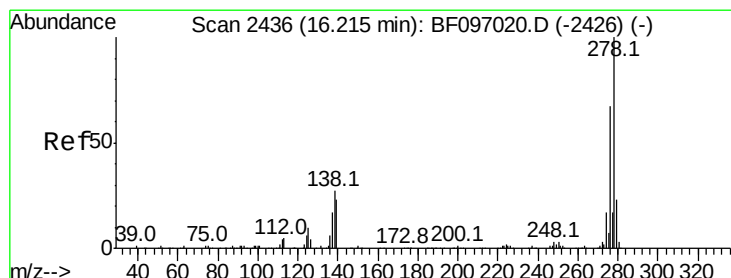
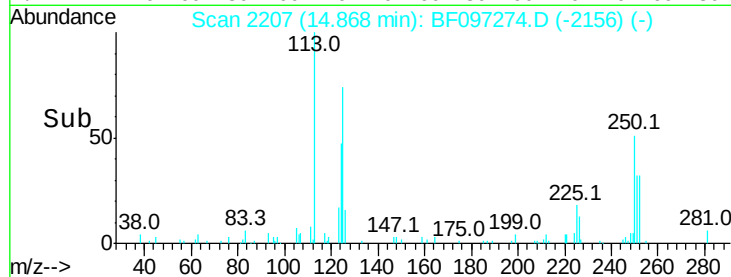
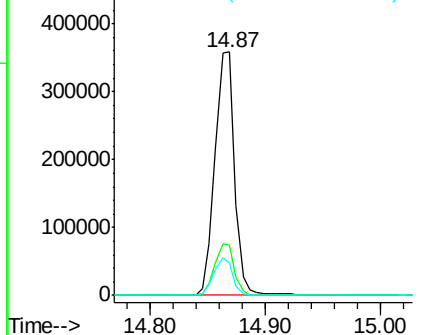
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.5	26.3
125	13.1	11.0	16.4

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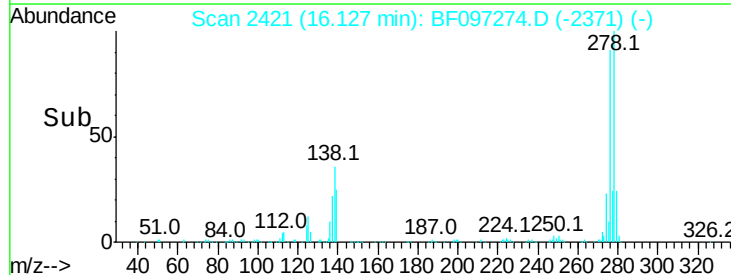
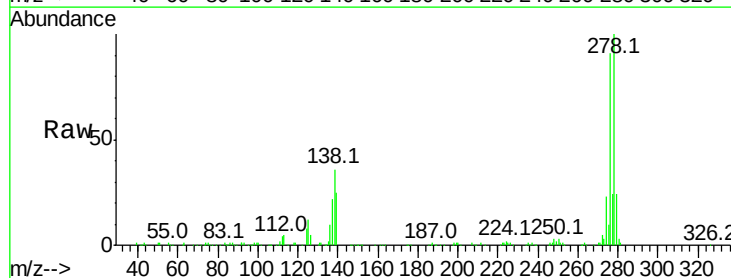
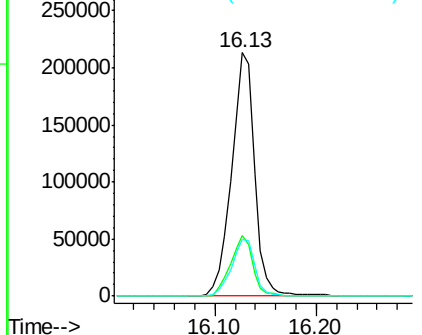
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

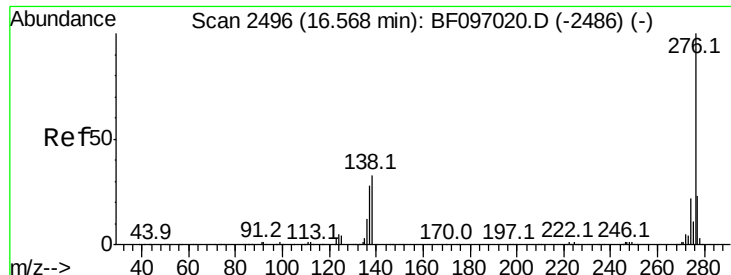


#90
Dibenzo(a,h)anthracene
Concen: 37.554 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.6	24.8
279	23.5	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.208 ng
 RT: 16.48 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101142BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.6	28.0
138	31.6	25.4	38.0

Manual Integrations
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