

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097271.D
 Acq On : 2 Aug 2017 14:05
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:07:59 PM

Quant Time: Aug 02 15:16:59 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 11:39:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	139492	20.00	ng	-0.01
21) Naphthalene-d8	7.74	136	584342	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	232149	20.00	ng	-0.01
63) Phenanthrene-d10	10.95	188	377753	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	245579	20.00	ng	-0.01
86) Perylene-d12	14.92	264	227594	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	701690	75.83	ng	-0.01
7) Phenol-d6	6.13	99	754675	71.44	ng	-0.02
23) Nitrobenzene-d5	7.03	82	714727	71.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.27	330	143555	78.27	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	1040484	76.06	ng	-0.02
78) Terphenyl-d14	12.54	244	929868	77.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	161886	41.923	ng	# 74
3) Pyridine	2.58	79	421996	35.689	ng	# 60
4) n-Nitrosodimethylamine	2.55	42	238831	36.459	ng	80
6) Aniline	6.12	93	486430	36.592	ng	94
8) 2-Chlorophenol	6.25	128	364216	36.810	ng	94
9) Benzaldehyde	6.00	77	243129	38.884	ng	97
10) Phenol	6.14	94	457841	36.539	ng	96
11) bis(2-Chloroethyl)ether	6.20	93	343028	34.614	ng	94
12) 1,3-Dichlorobenzene	6.39	146	398187	37.344	ng	99
13) 1,4-Dichlorobenzene	6.47	146	407846	38.596	ng	95
14) 1,2-Dichlorobenzene	6.62	146	341252	36.986	ng	99
15) Benzyl Alcohol	6.62	79	264826	39.596	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.74	45	701703	35.302	ng	64
17) 2-Methylphenol	6.75	107	278996	36.535	ng	# 89
18) Hexachloroethane	6.96	117	140428	36.325	ng	# 84
19) n-Nitroso-di-n-propylamine	6.89	70	249214	35.841	ng	# 85
20) 3+4-Methylphenols	6.90	107	372986	37.397	ng	# 64
22) Acetophenone	6.88	105	491726	35.041	ng	96
24) Nitrobenzene	7.05	77	378644	36.499	ng	96
25) Isophorone	7.29	82	773412	39.648	ng	98
26) 2-Nitrophenol	7.36	139	219482	39.106	ng	# 85
27) 2,4-Dimethylphenol	7.42	122	350049	37.809	ng	98
28) bis(2-Chloroethoxy)methane	7.50	93	499827	39.264	ng	99
29) 2,4-Dichlorophenol	7.62	162	292151	36.629	ng	97
30) 1,2,4-Trichlorobenzene	7.69	180	286326	37.663	ng	99
31) Naphthalene	7.76	128	1037430	37.663	ng	100
32) Benzoic acid	7.59	122	264701	38.288	ng	92
33) 4-Chloroaniline	7.82	127	425739	37.985	ng	99
34) Hexachlorobutadiene	7.88	225	140893	34.958	ng	97
35) Caprolactam	8.21	113	90688m	35.459	ng	
36) 4-Chloro-3-methylphenol	8.33	107	303136	34.837	ng	88
37) 2-Methylnaphthalene	8.45	142	594452	34.085	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	242160	39.094	ng	99
40) Hexachlorocyclopentadiene	8.60	237	60538	32.237	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	168672	37.576	nq	99
43) 2,4,5-Trichlorophenol	8.79	196	168675	37.542	nq	98
45) 1,1'-Biphenyl	8.92	154	744781	37.561	nq	98
46) 2-Chloronaphthalene	8.93	162	568043	38.929	nq #	91
47) 2-Nitroaniline	9.05	65	202945	38.324	nq	90
48) Acenaphthylene	9.35	152	831315	37.117	nq	99
49) Dimethylphthalate	9.23	163	673214	38.188	nq	99
50) 2,6-Dinitrotoluene	9.29	165	145143	38.819	nq #	73
51) Acenaphthene	9.52	154	504955	38.275	nq	100
52) 3-Nitroaniline	9.46	138	180158	38.819	nq	89
53) 2,4-Dinitrophenol	9.57	184	64855	38.149	nq #	73
54) Dibenzofuran	9.69	168	702917	40.001	nq	97
55) 4-Nitrophenol	9.65	139	89891	32.570	nq #	62
56) 2,4-Dinitrotoluene	9.69	165	179724	41.813	nq #	61
57) Fluorene	10.03	166	545081	41.271	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	122926	39.625	nq #	96
59) Diethylphthalate	9.92	149	624546	38.615	nq	99
60) 4-Chlorophenyl-phenylether	10.02	204	224416	41.148	nq	99
61) 4-Nitroaniline	10.07	138	168875	38.295	nq	92
62) Azobenzene	10.19	77	574238	38.272	nq	92
64) 4,6-Dinitro-2-methylphenol	10.10	198	102904	43.839	nq	89
65) n-Nitrosodiphenylamine	10.15	169	511885	38.946	nq	97
66) 4-Bromophenyl-phenylether	10.51	248	145991	38.726	nq	96
67) Hexachlorobenzene	10.57	284	164256	38.854	nq #	86
68) Atrazine	10.68	200	150359	39.894	nq	94
69) Pentachlorophenol	10.78	266	60914	34.825	nq	97
70) Phenanthrene	10.98	178	777976	38.437	nq	98
71) Anthracene	11.03	178	787628	37.994	nq	99
72) Carbazole	11.19	167	789777	38.738	nq	99
73) Di-n-butylphthalate	11.53	149	1021947	40.551	nq	99
74) Fluoranthene	12.16	202	790177	39.851	nq	98
76) Benzidine	12.29	184	321576	35.291	nq #	94
77) Pyrene	12.38	202	773174	38.457	nq	99
79) Butylbenzylphthalate	13.02	149	407867	39.882	nq #	80
80) Benzo(a)anthracene	13.57	228	610052	38.392	nq	99
81) 3,3'-Dichlorobenzidine	13.54	252	228705	38.167	nq #	96
82) Chrysene	13.60	228	602404	38.825	nq	100
83) Bis(2-ethylhexyl)phthalate	13.58	149	513747	38.475	nq	98
84) Di-n-octyl phthalate	14.19	149	930528	37.975	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.13	276	453390	34.077	nq	99
87) Benzo(b)fluoranthene	14.57	252	494707	36.160	nq	99
88) Benzo(k)fluoranthene	14.59	252	524109	40.202	nq #	96
89) Benzo(a)pyrene	14.87	252	469551	37.500	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	359390	35.001	nq	98
91) Benzo(g,h,i)perylene	16.48	276	393444	36.539	nq	99

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

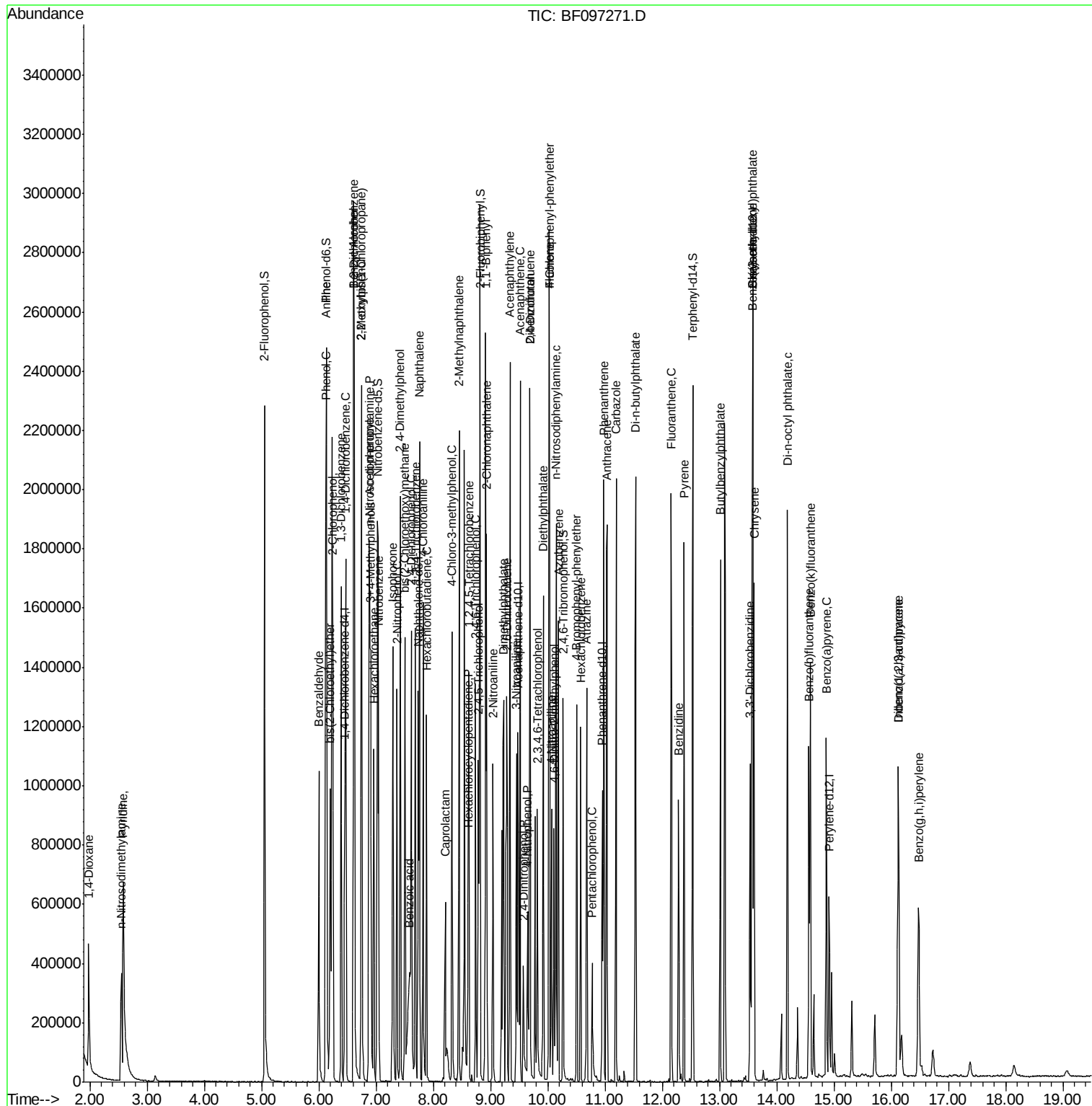
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\  
Data File : BF097271.D  
Acq On    : 2 Aug 2017 14:05  
Operator  : SJ/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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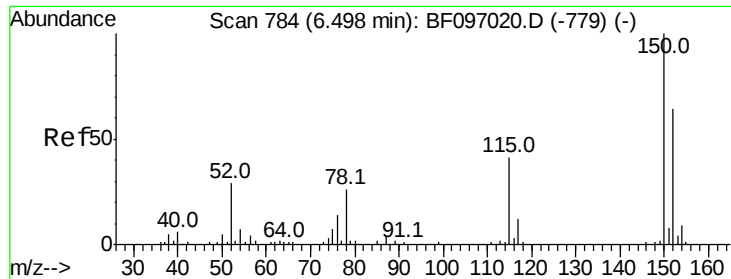
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

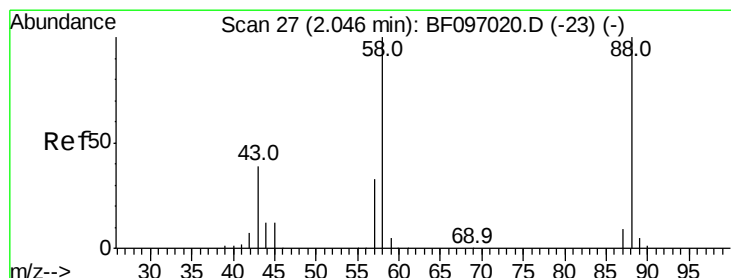
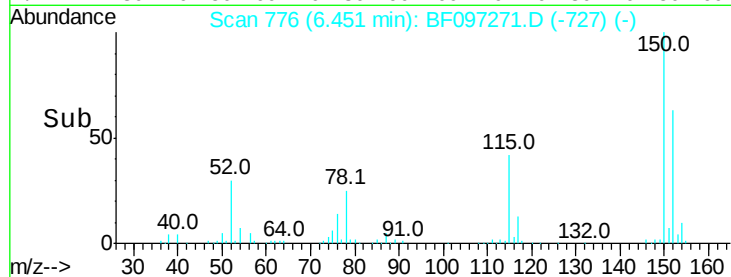
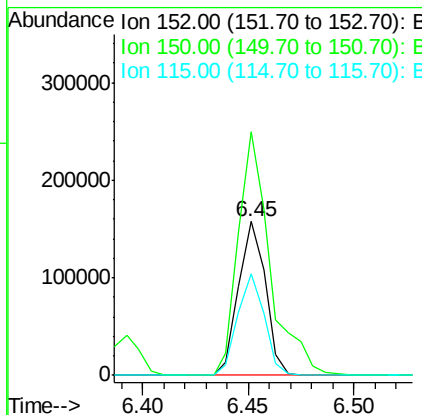
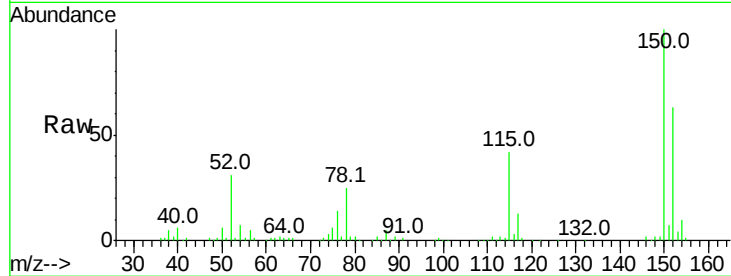
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	66.1	52.2	78.2

Manual Integrations
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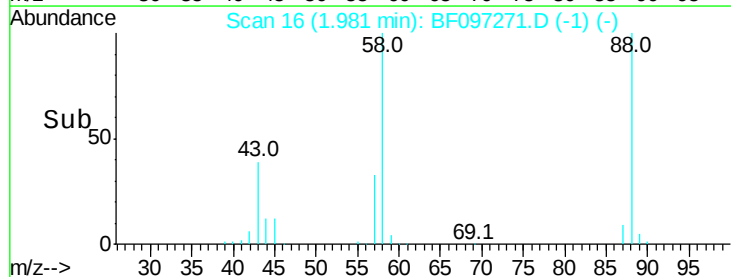
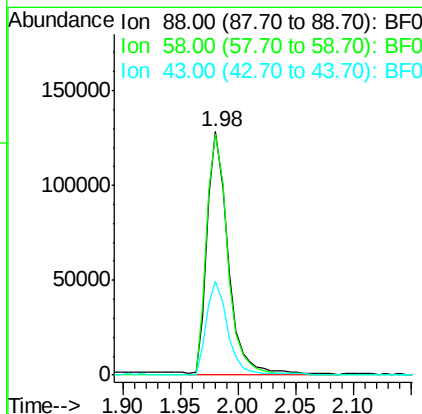
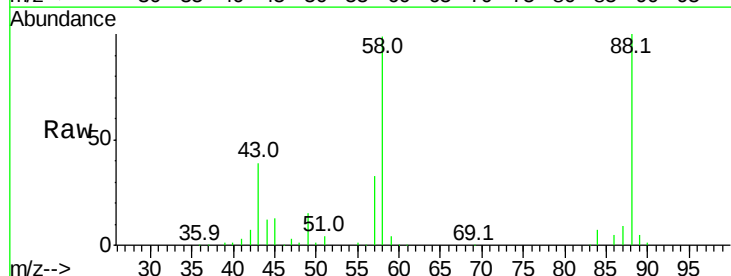
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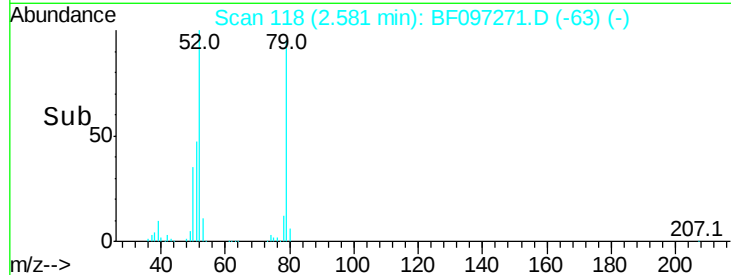
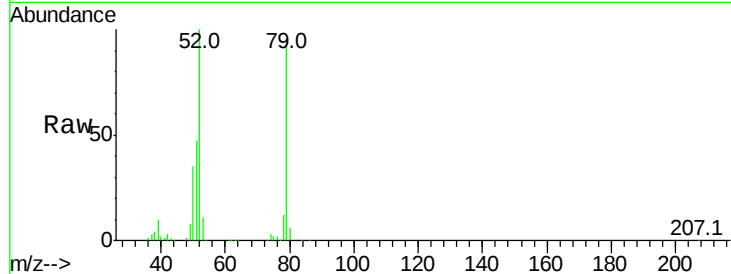
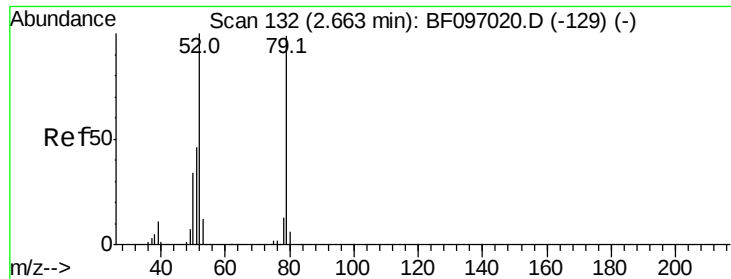


#2

1,4-Dioxane
Concen: 41.923 ng
RT: 1.98 min Scan# 16
Delta R.T. 0.03 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	61.4	92.0#
43	40.4	23.4	35.0#





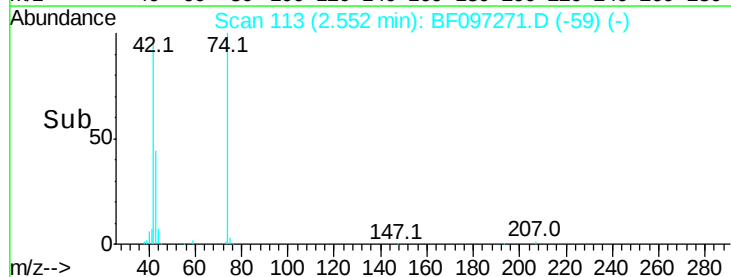
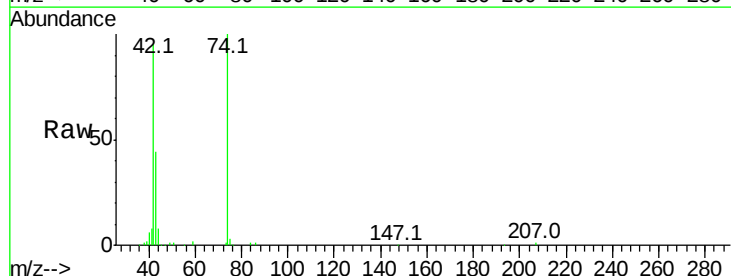
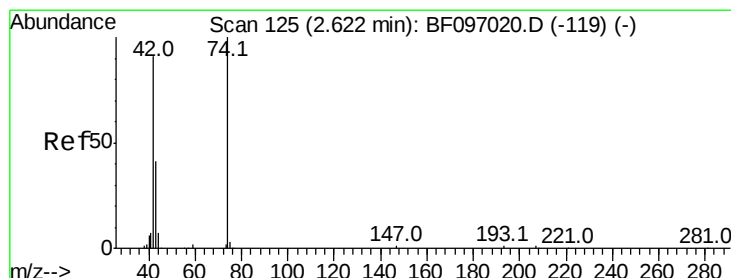
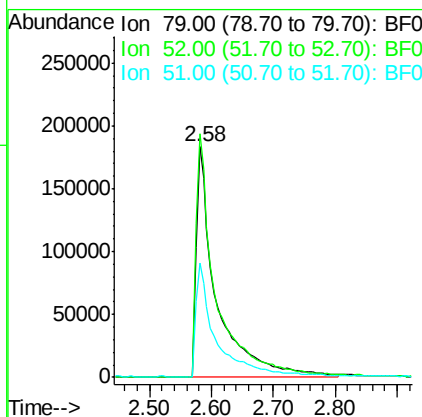
#3
Pvridine
Concen: 35.689 ng
RT: 2.58 min Scan# 118
Delta R.T. 0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tot Ion: 79 Resp: 421996
Ion Ratio Lower Upper
79 100
52 105.7 54.8 82.2#
51 49.9 27.0 40.4#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

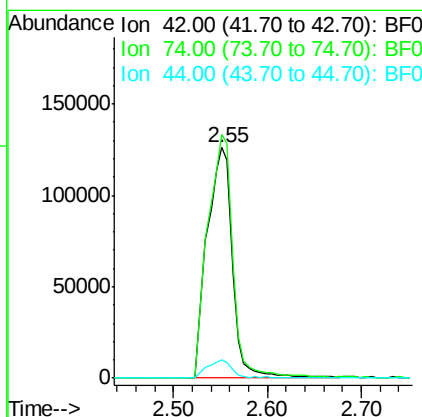
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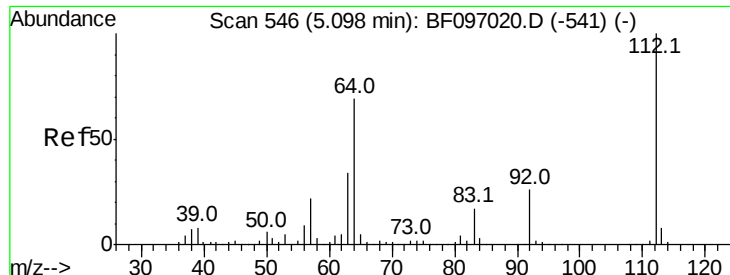
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#4
n-Nitrosodimethylamine
Concen: 36.459 ng
RT: 2.55 min Scan# 113
Delta R.T. 0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion: 42 Resp: 238831
Ion Ratio Lower Upper
42 100
74 105.6 103.9 155.9
44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 75.832 ng

RT: 5.05 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

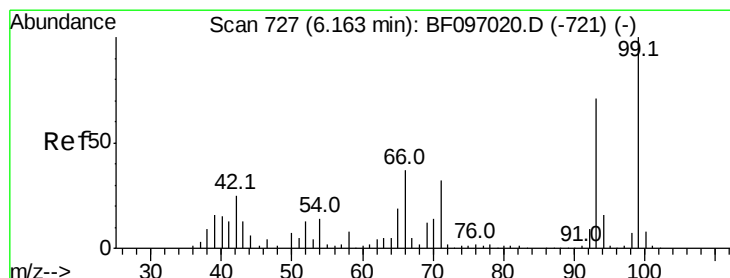
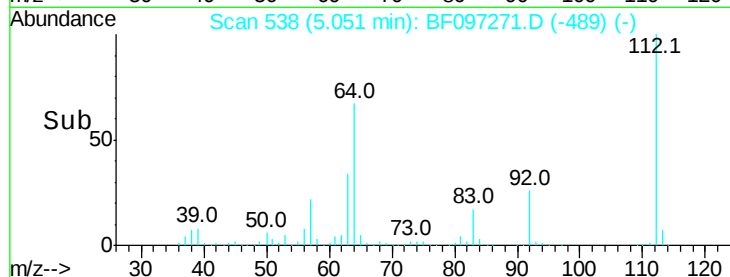
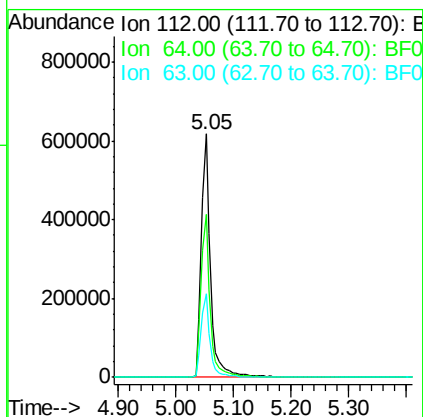
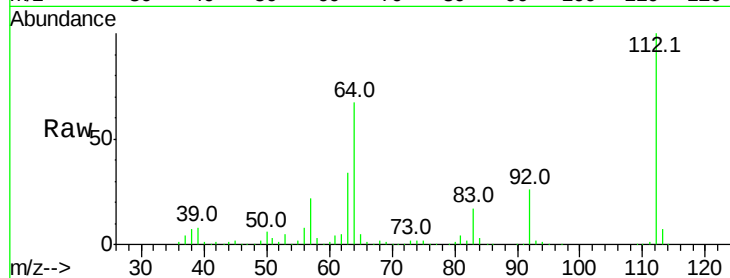
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	701690
Ion Ratio	Lower	Upper	
112	100		
64	66.9	46.0	69.0
63	34.2	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 36.592 ng

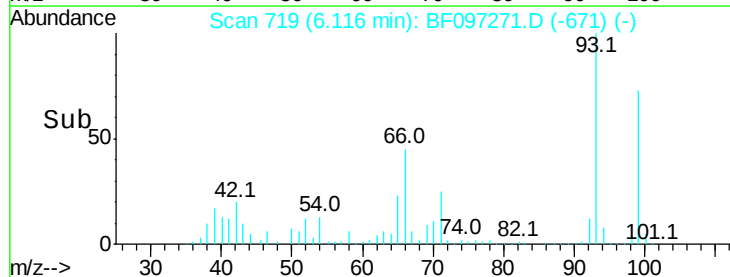
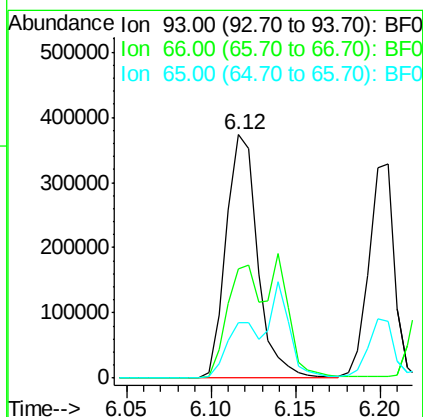
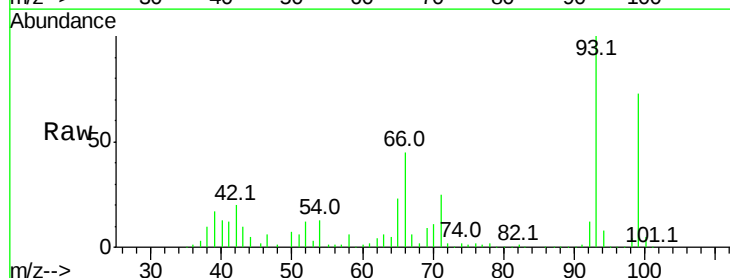
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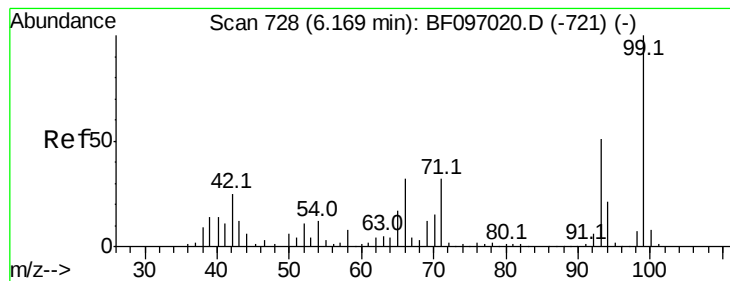
Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	93	Resp:	486430
Ion Ratio	Lower	Upper	
93	100		
66	45.0	32.9	49.3
65	22.8	16.0	24.0





#7

Phenol-d6

Concen: 71.440 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

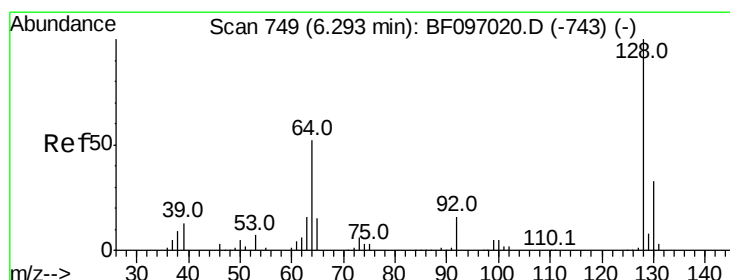
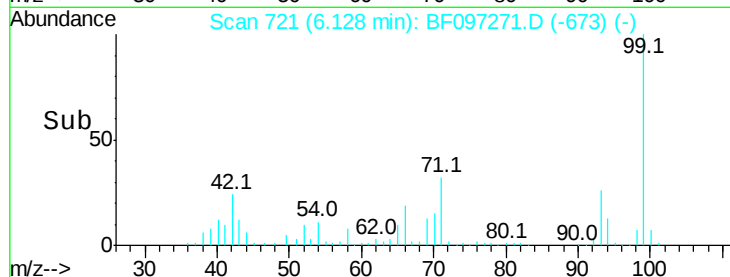
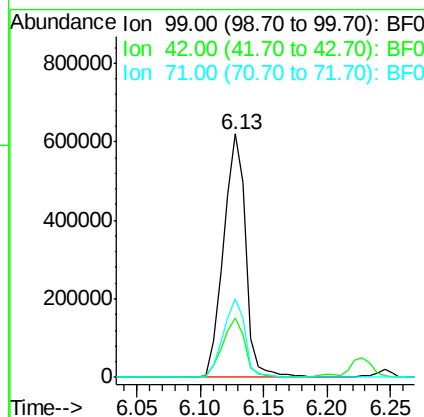
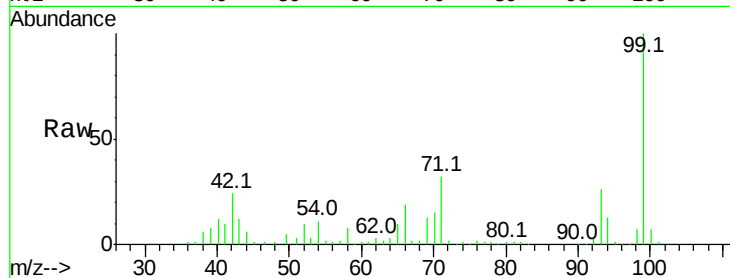
SSTDCCC040

Tot Ion: 99 Resp: 754675

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	32.4	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.810 ng

RT: 6.25 min Scan# 741

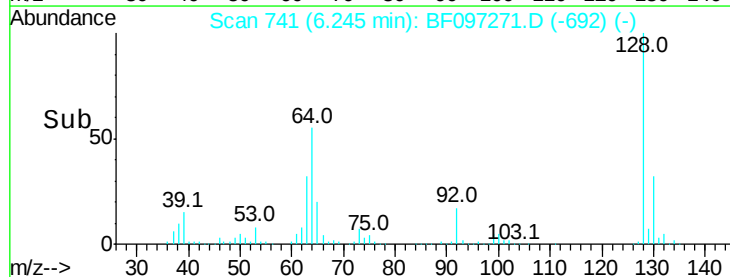
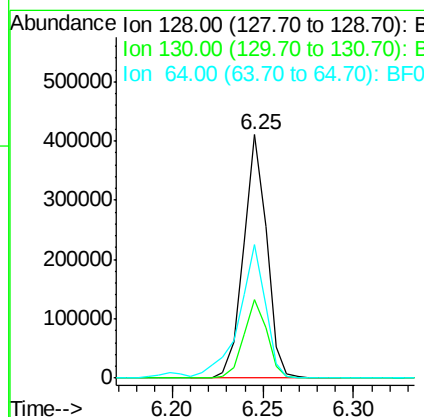
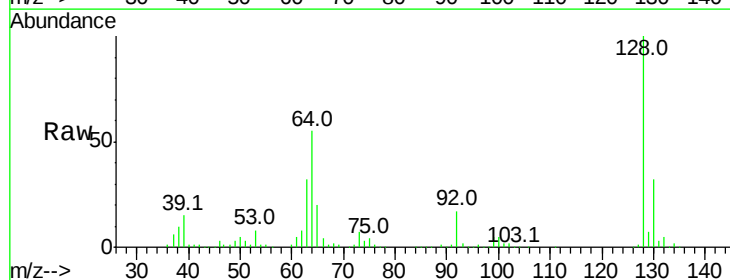
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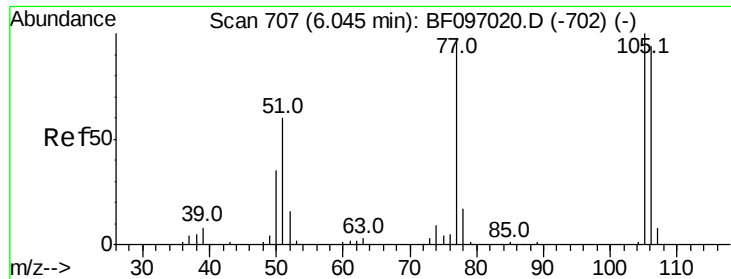
Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:128 Resp: 364216

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	54.7	28.4	68.4





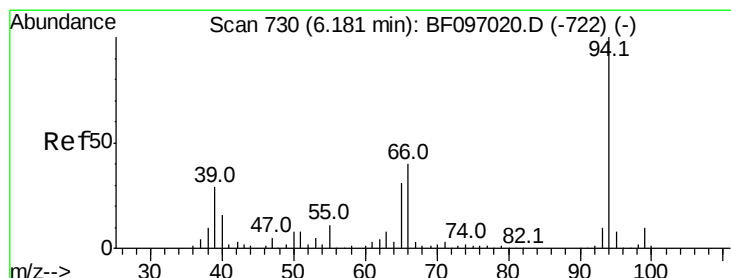
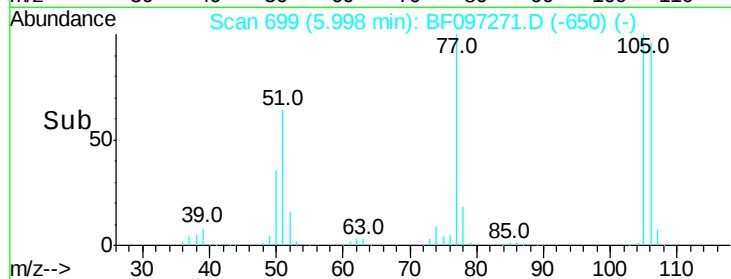
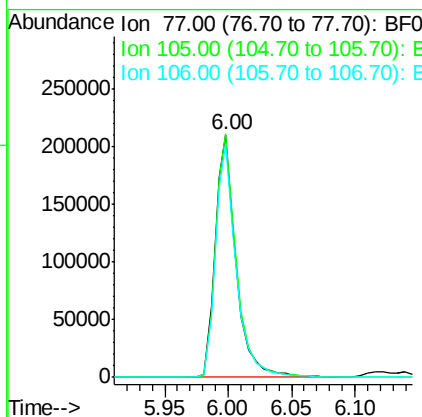
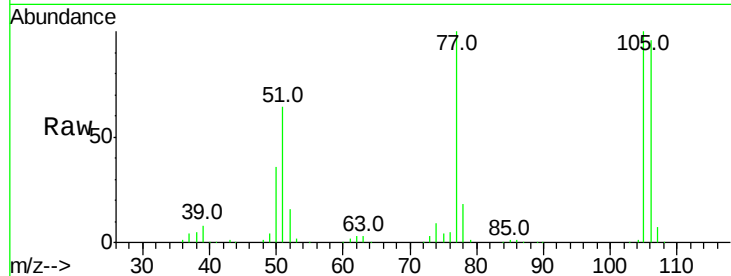
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Benzaldehyde
Concen: 38.884 ng
RT: 6.00 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

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SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.5	83.8	123.8	
106	96.3	79.1	119.1	

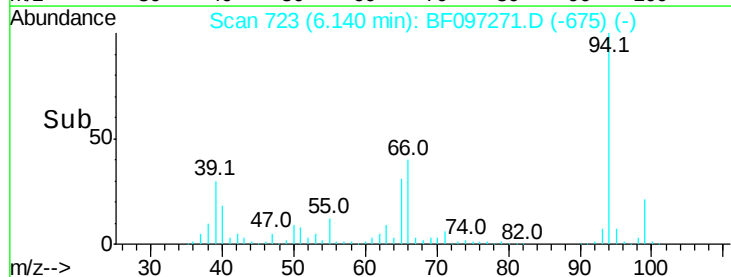
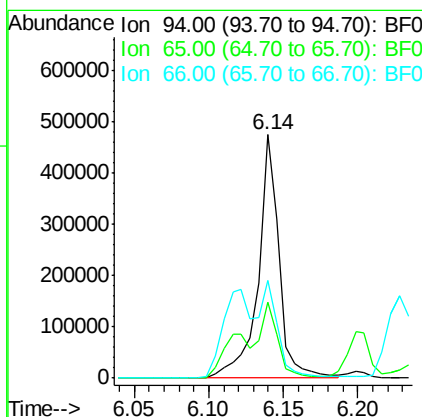
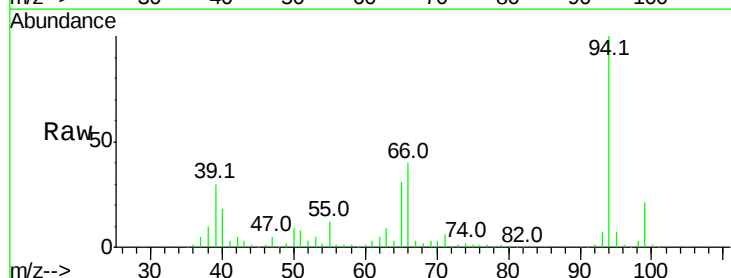
Manual Integrations
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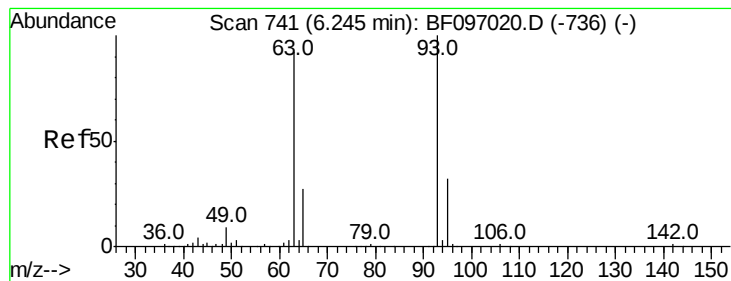
Sohil
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#10
Phenol
Concen: 36.539 ng
RT: 6.14 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.3	9.9	49.9	
66	40.3	23.1	63.1	





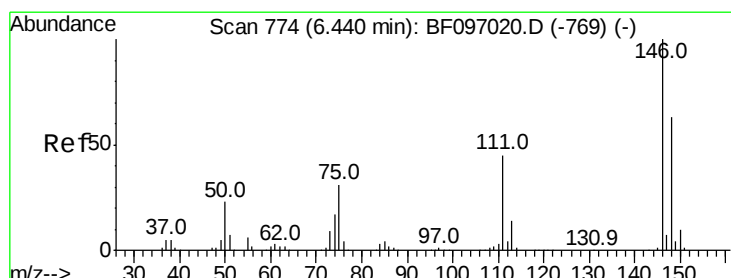
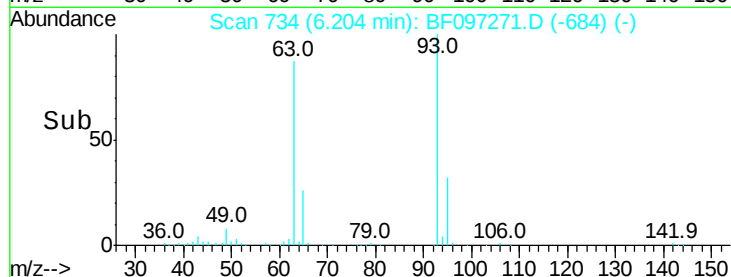
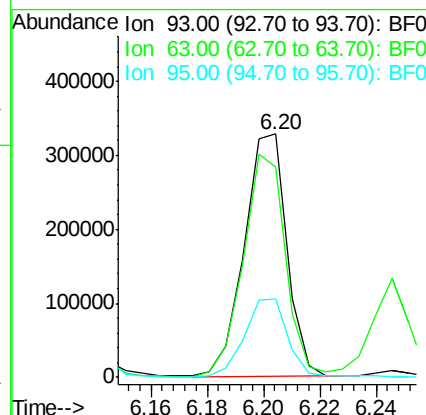
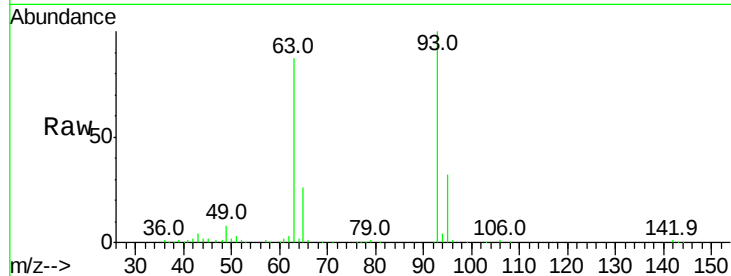
#11
bis(2-Chloroethyl)ether
Concen: 34.614 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	343028
Ion Ratio	Lower	Upper	
93	100		
63	86.7	59.2	99.2
95	32.3	12.8	52.8

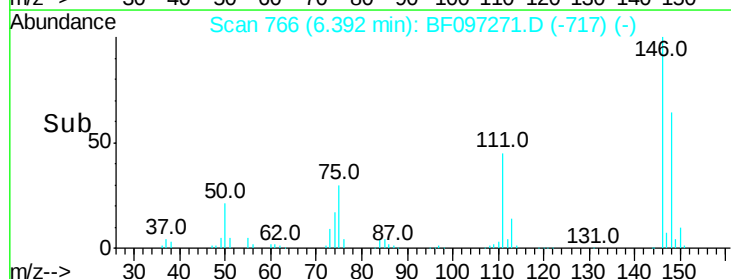
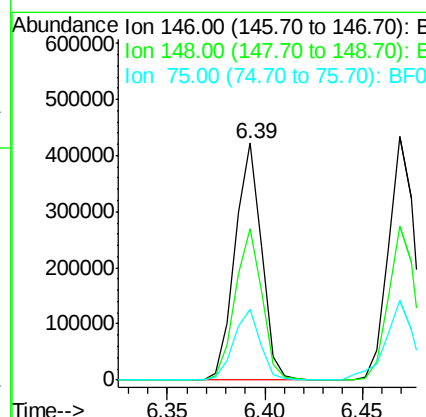
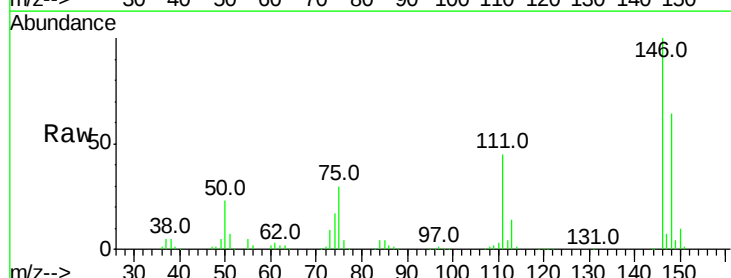
Manual Integrations
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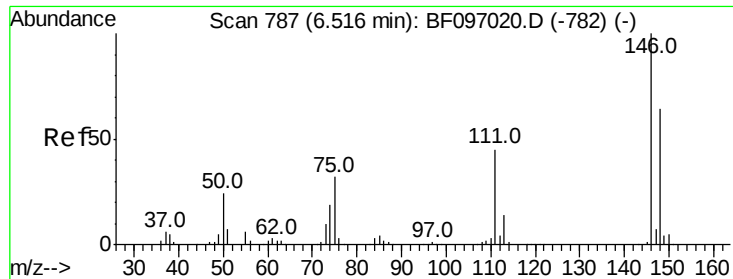
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#12
1,3-Dichlorobenzene
Concen: 37.344 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	146	Resp	398187
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
75	30.1	23.1	34.7





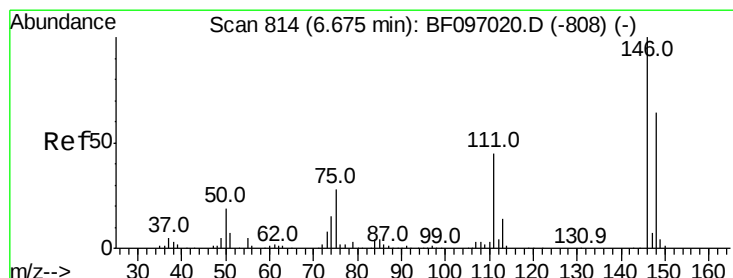
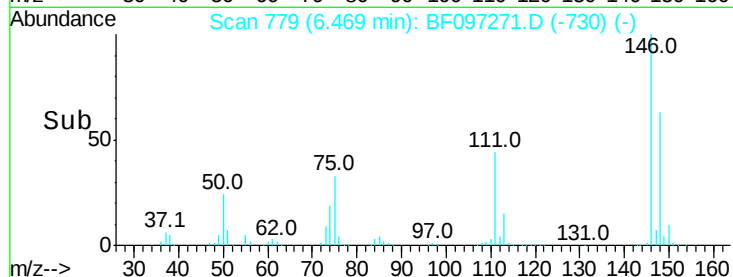
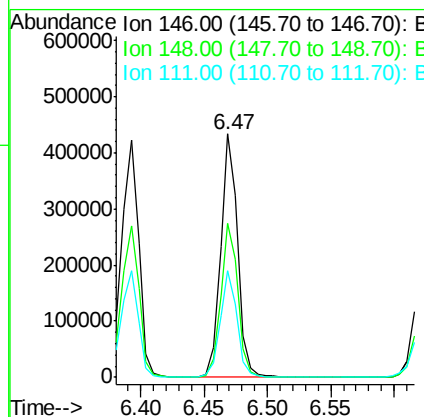
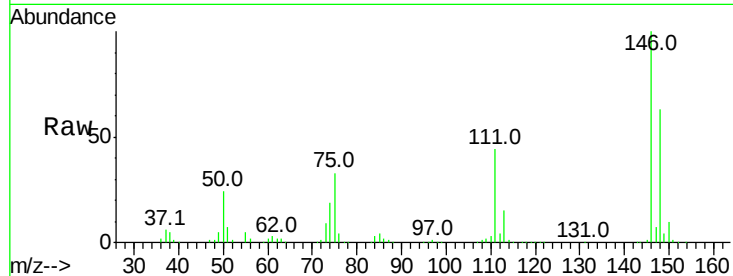
#13
 1,4-Dichlorobenzene
 Concen: 38.596 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	44.0	30.3	45.5

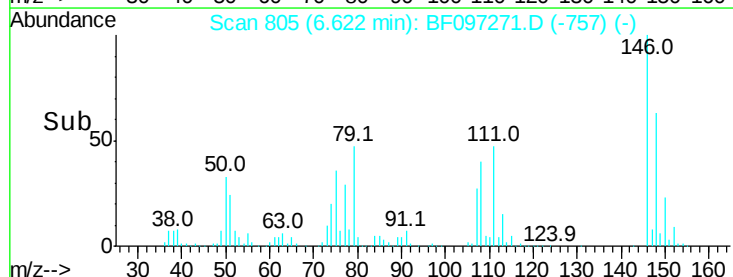
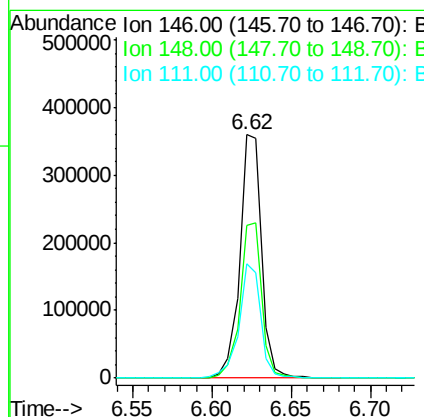
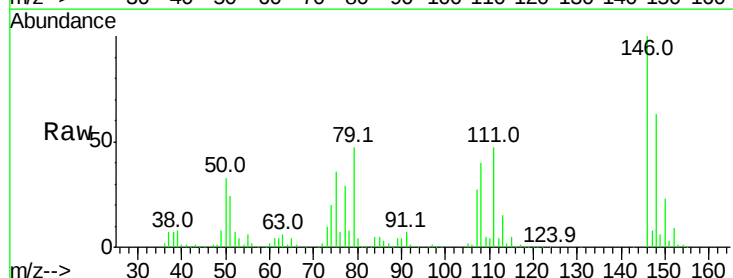
Manual Integrations
 APPROVED

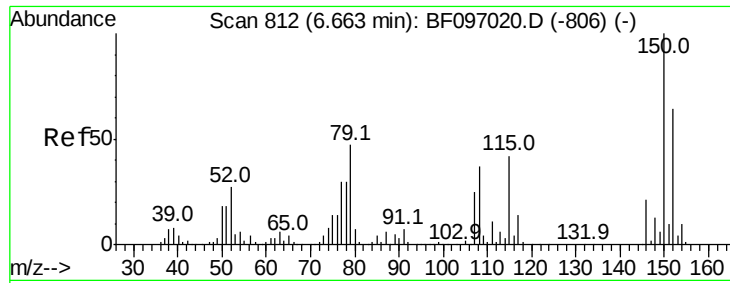
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#14
 1,2-Dichlorobenzene
 Concen: 36.986 ng
 RT: 6.62 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	46.8	38.2	57.4





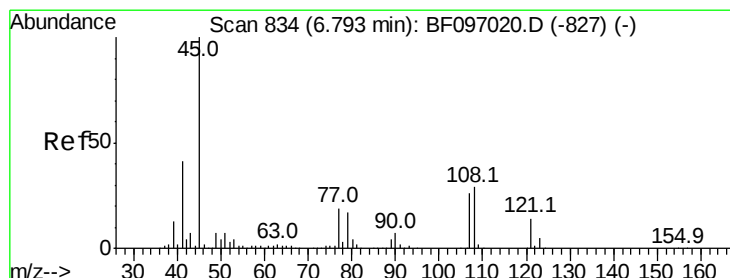
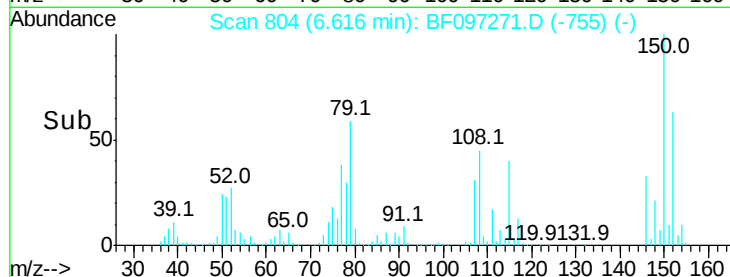
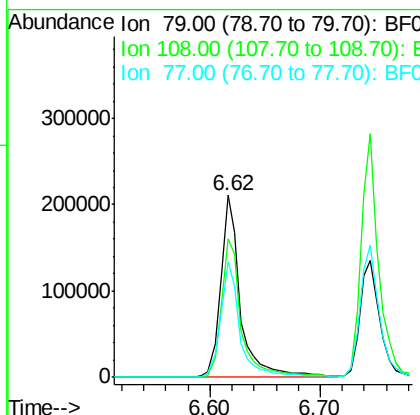
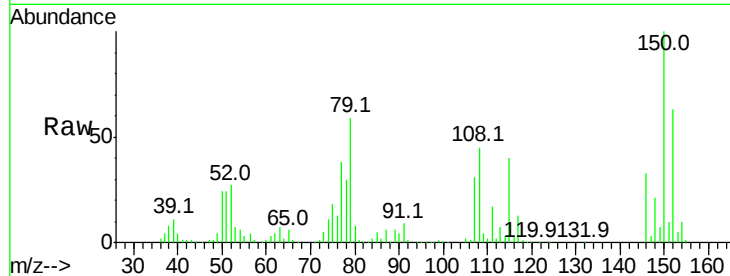
#15
Benzyl Alcohol
Concen: 39.596 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	63.4	95.0
77	63.7	49.2	73.8

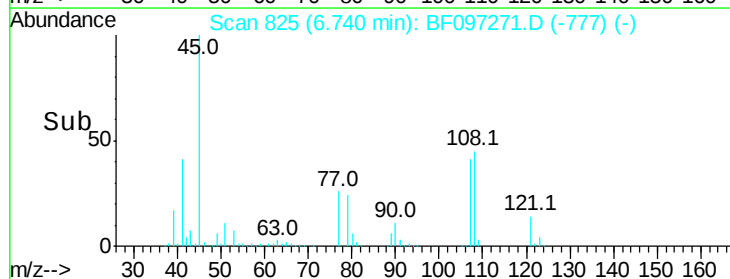
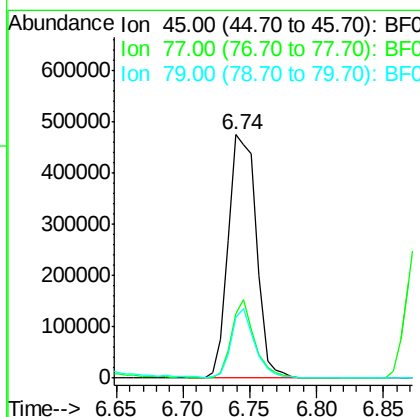
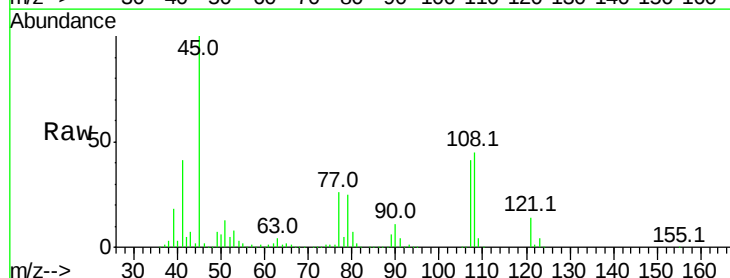
Manual Integrations
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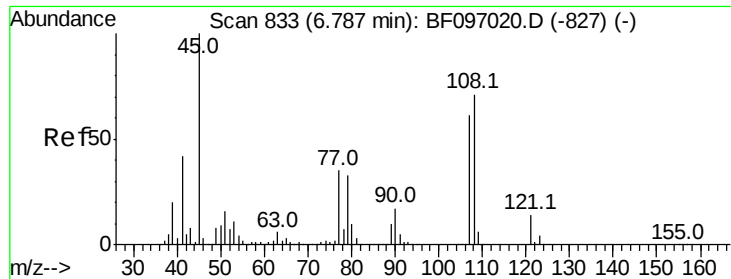
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.302 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	33.2
79	24.7	0.0	30.0





#17

2-Methylphenol

Concen: 36.535 ng

RT: 6.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 278996

Ion Ratio Lower Upper

107 100

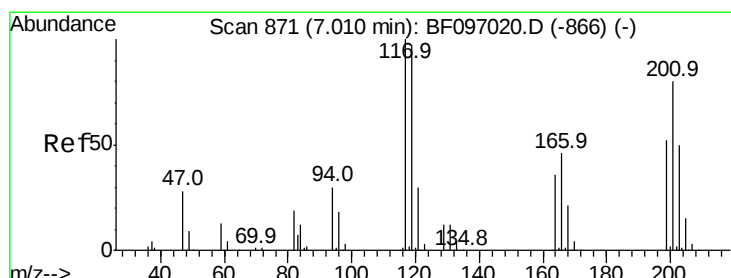
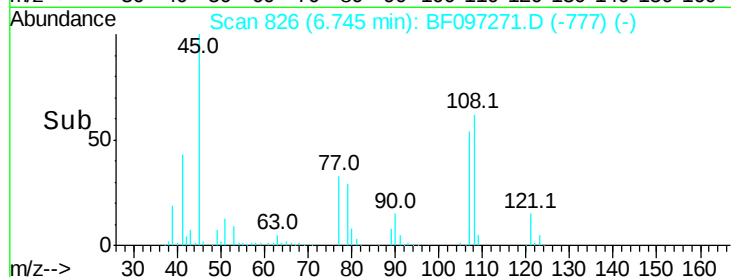
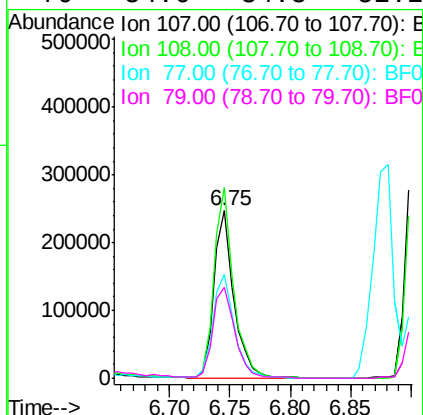
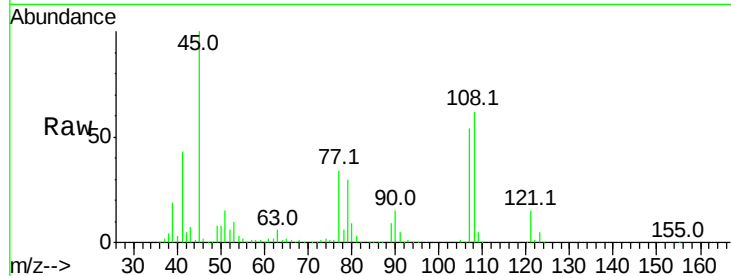
108 114.3 93.4 140.0

77 61.8 35.8 53.6#

79 54.6 34.8 52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 36.325 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

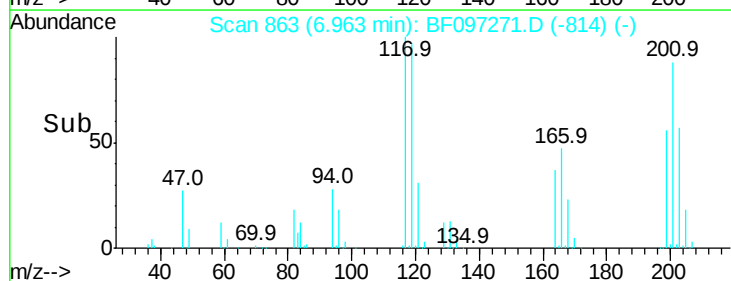
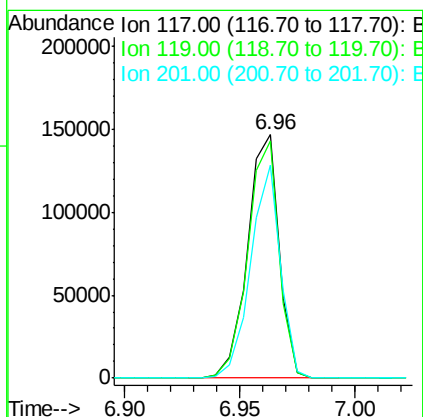
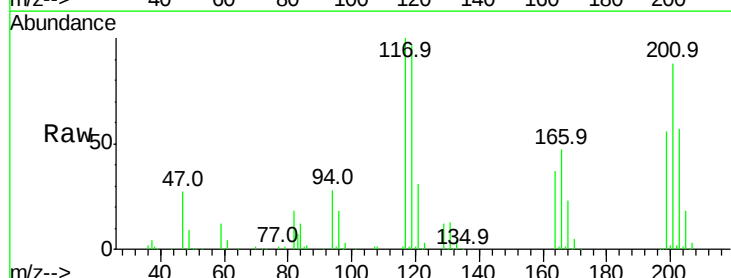
Tgt Ion:117 Resp: 140428

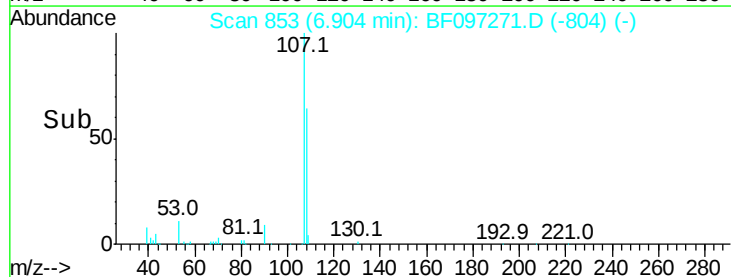
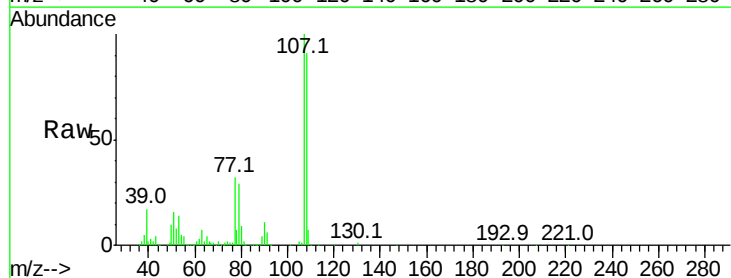
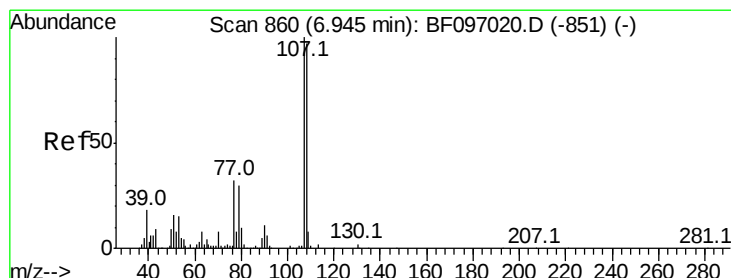
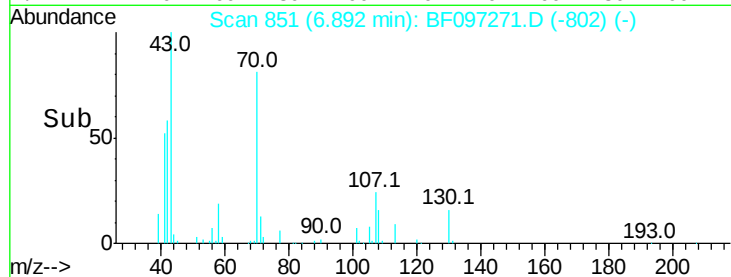
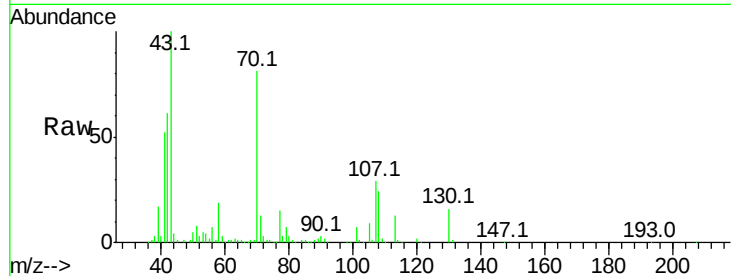
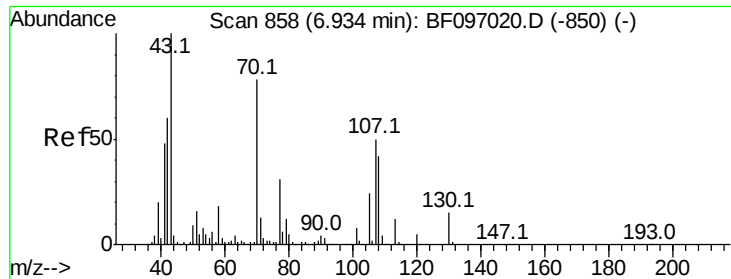
Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

201 87.5 94.6 141.8#





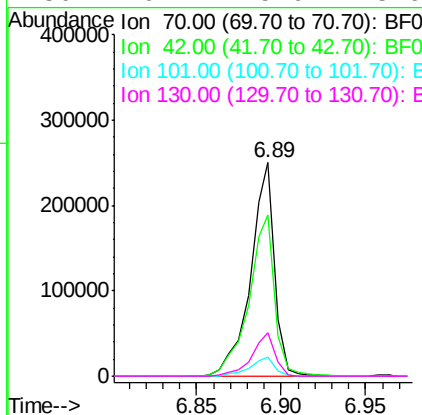
#19
n-Nitroso-di-n-propylamine
Concen: 35.841 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.4	47.2	70.8#
101	9.2	7.2	10.8
130	20.2	15.9	23.9

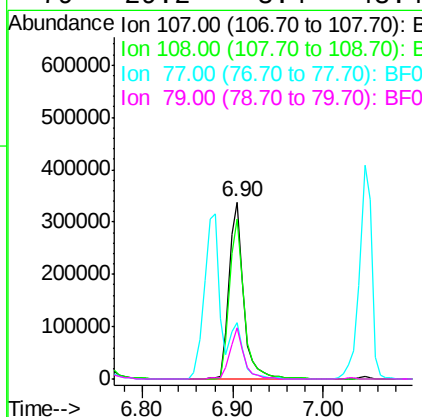
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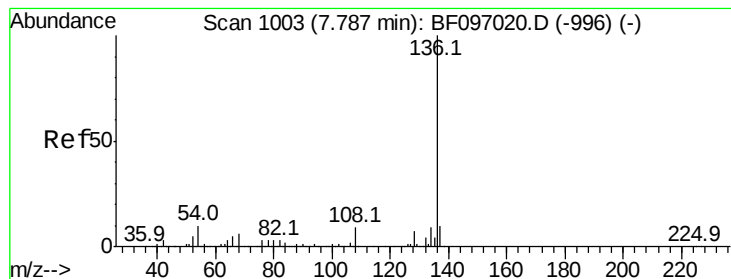
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#20
3+4-Methylphenols
Concen: 37.397 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	31.8	90.5	130.5#
79	29.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.74 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

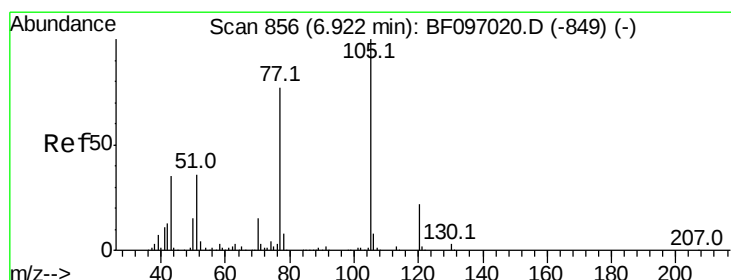
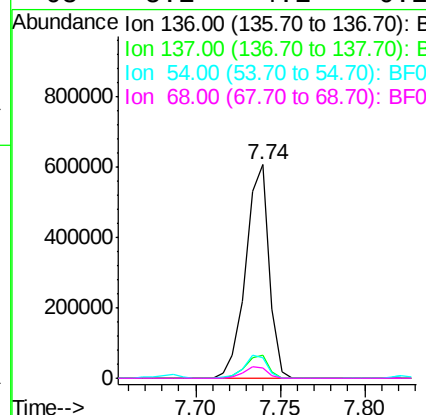
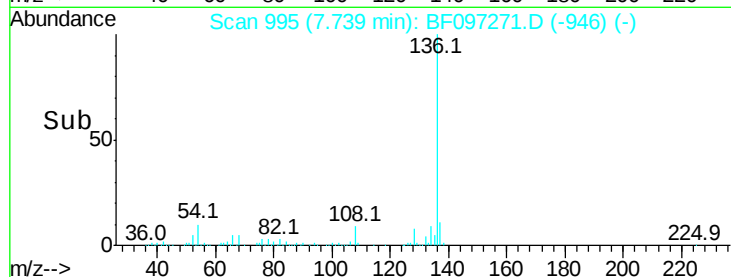
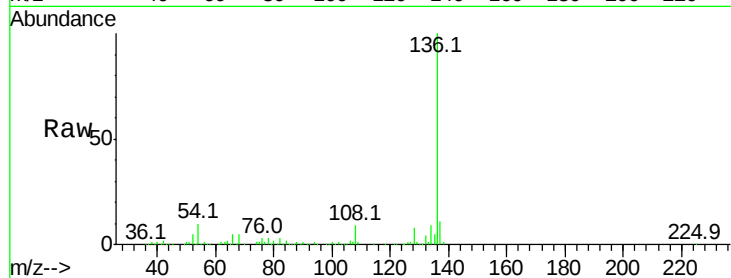
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.8	4.9	7.3#
68	5.1	4.1	6.1

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#22

Acetophenone

Concen: 35.041 ng

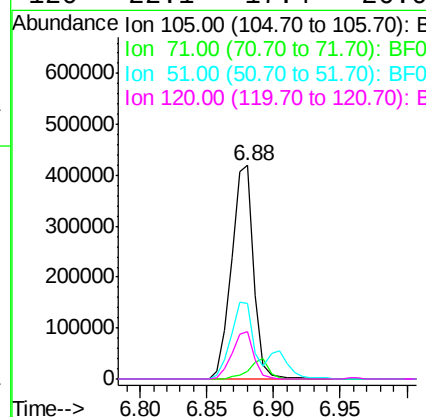
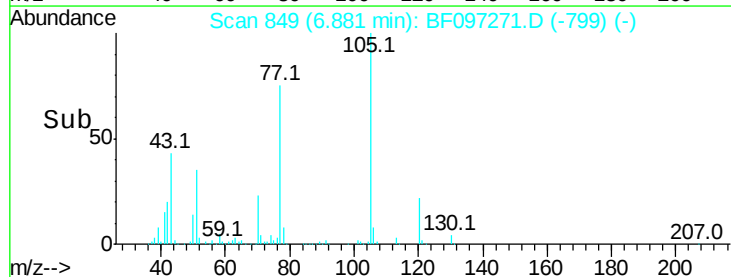
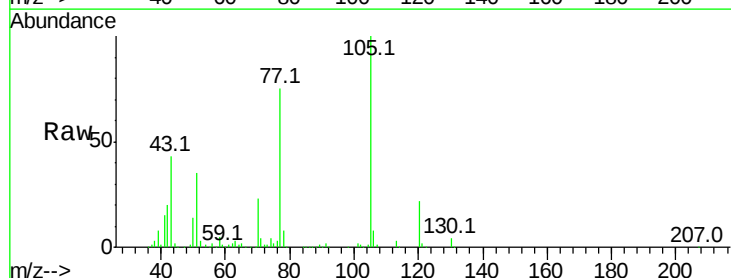
RT: 6.88 min Scan# 849

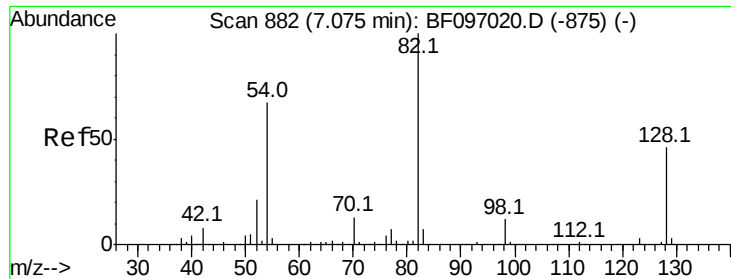
Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.7	2.8	4.2
51	35.2	30.7	46.1
120	22.1	17.4	26.0





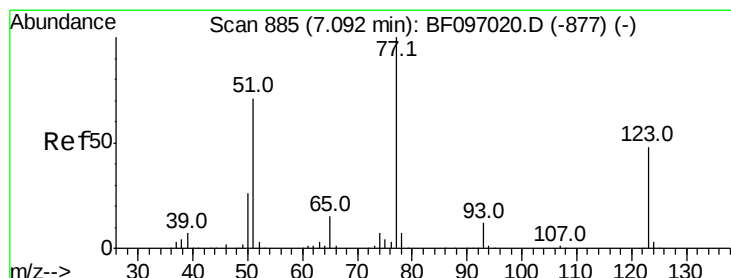
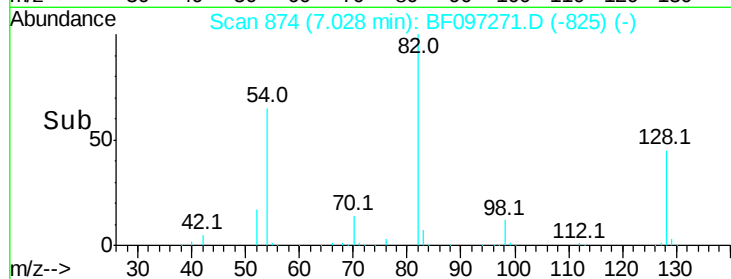
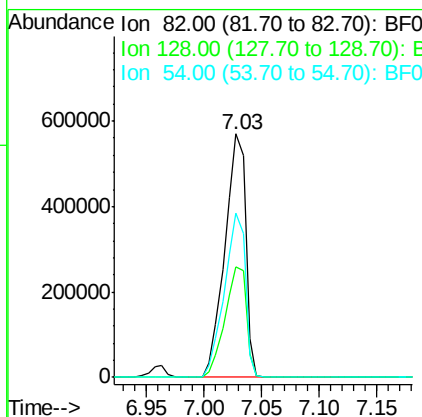
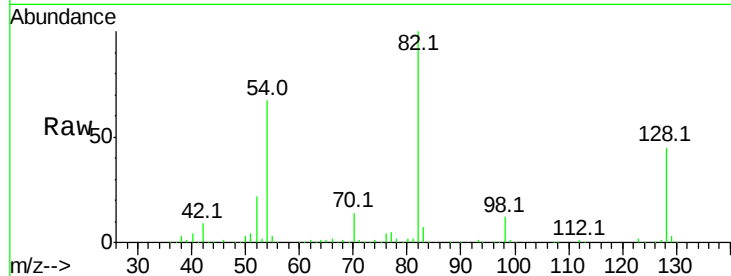
#23
 Nitrobenzene-d5
 Concen: 71.754 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	67.5	42.2	63.2#

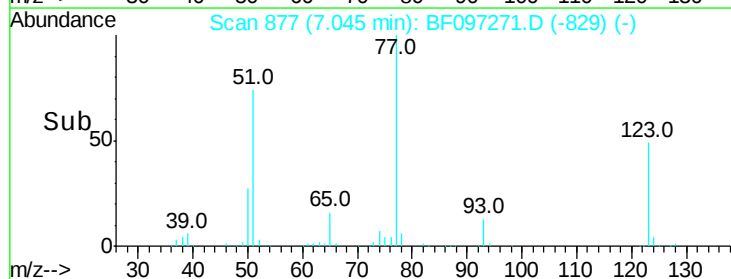
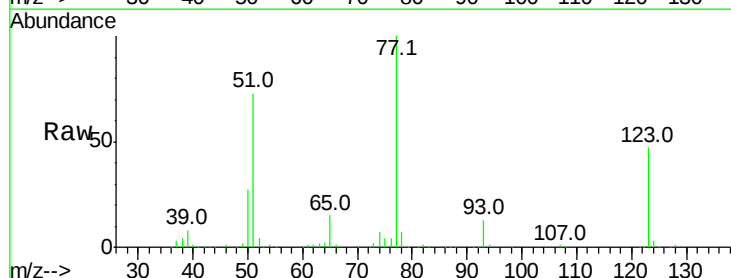
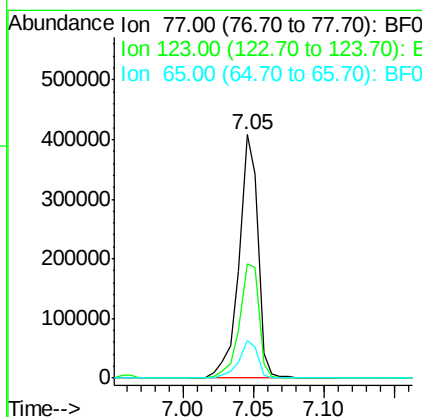
Manual Integrations
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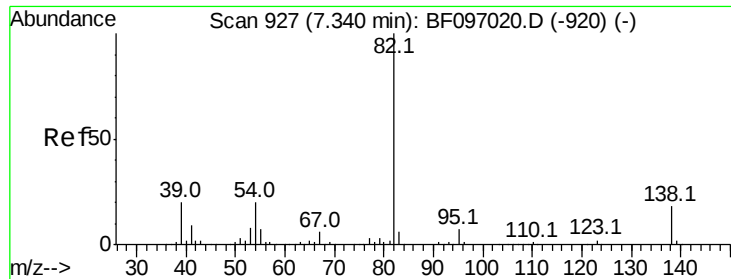
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#24
 Nitrobenzene
 Concen: 36.499 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	35.8	53.8
65	15.4	10.6	15.8





#25

Isophorone

Concen: 39.648 ng

RT: 7.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

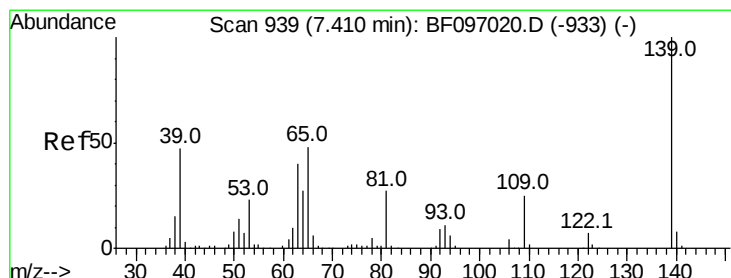
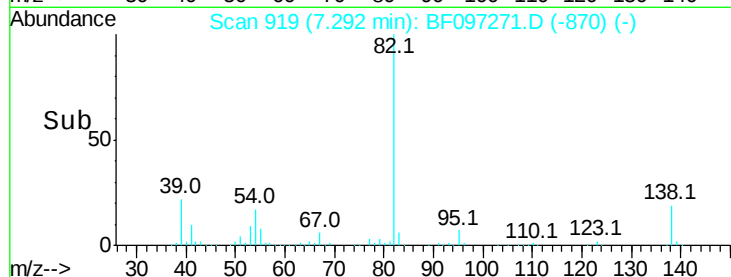
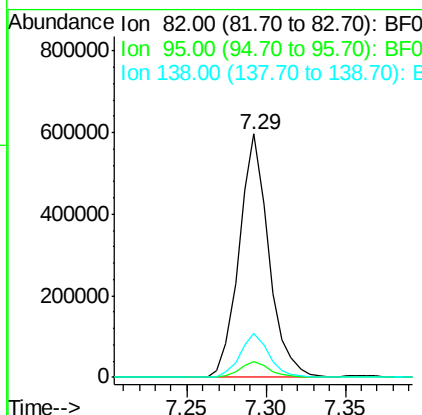
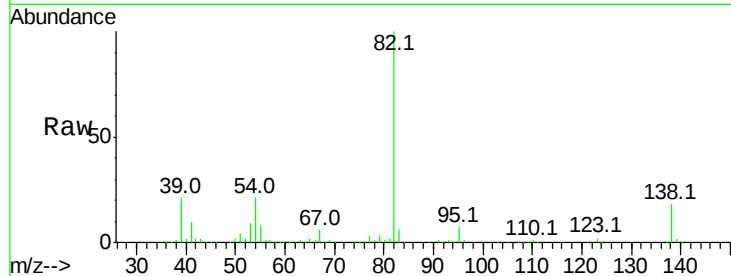
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	773412
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	17.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.106 ng

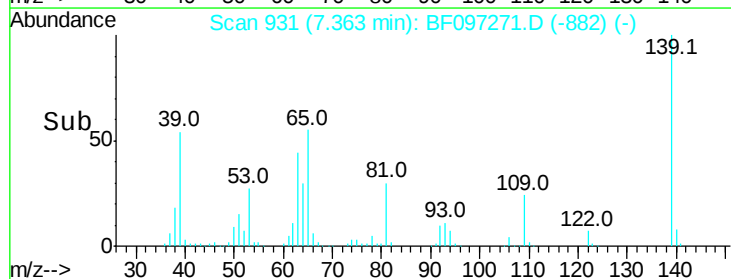
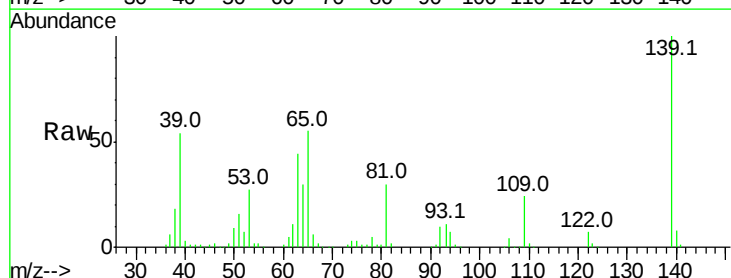
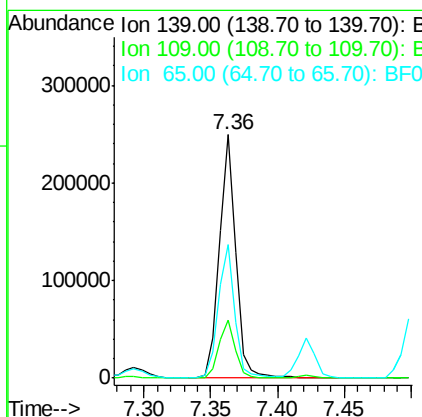
RT: 7.36 min Scan# 931

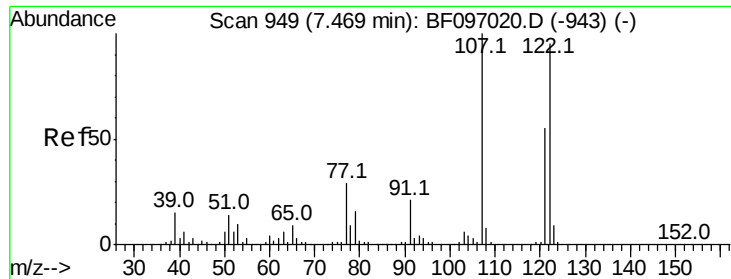
Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	139	Resp:	219482
Ion Ratio	Lower	Upper	
139	100		
109	24.0	21.0	31.6
65	55.1	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 37.809 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

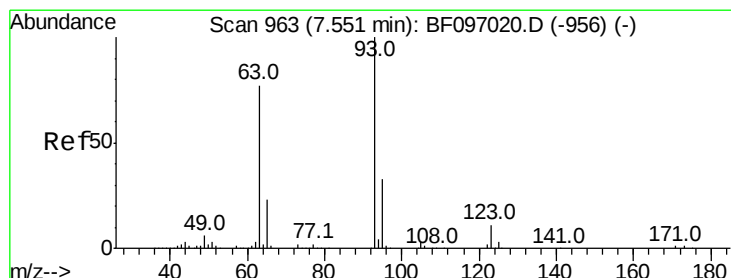
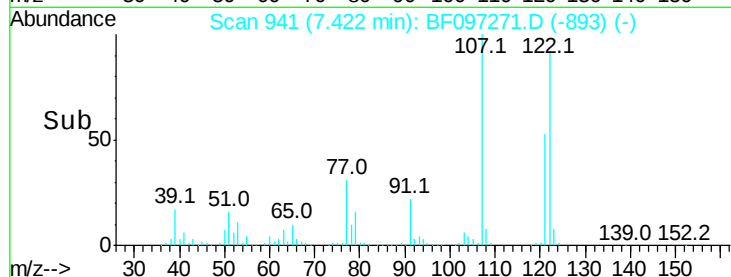
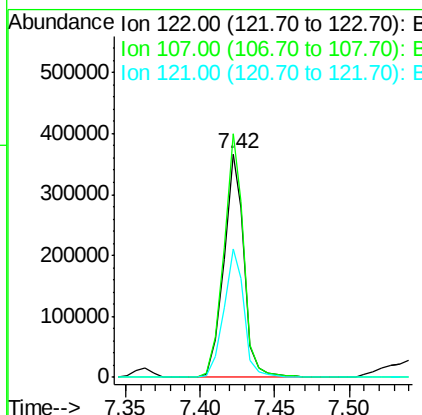
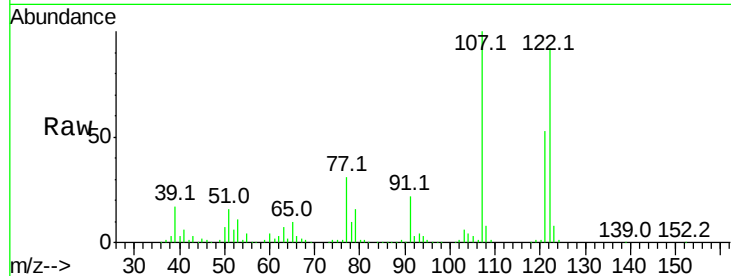
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	350049
Ion Ratio	Lower	Upper	
122	100		
107	109.1	89.2	133.8
121	57.7	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.264 ng

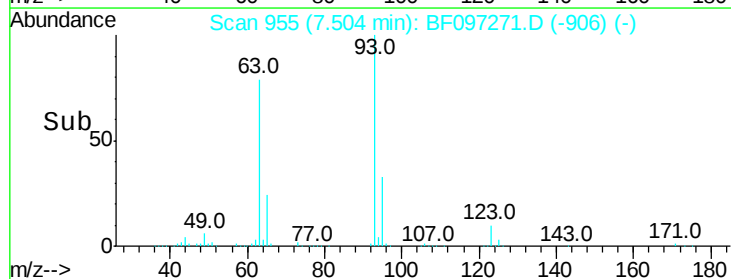
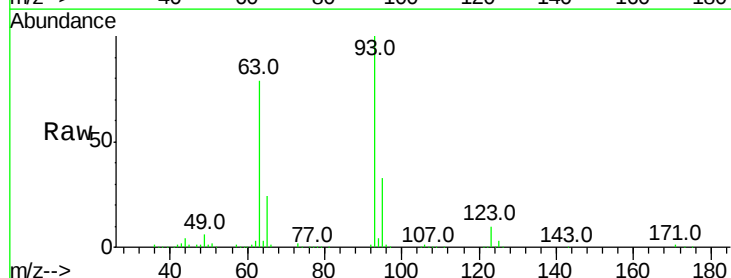
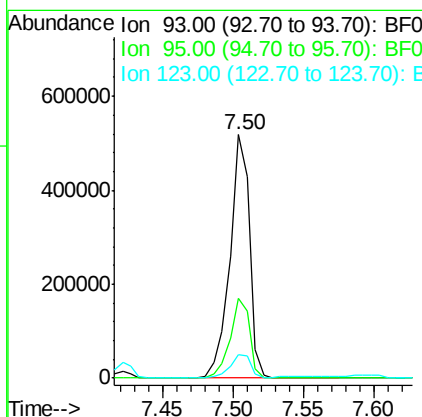
RT: 7.50 min Scan# 955

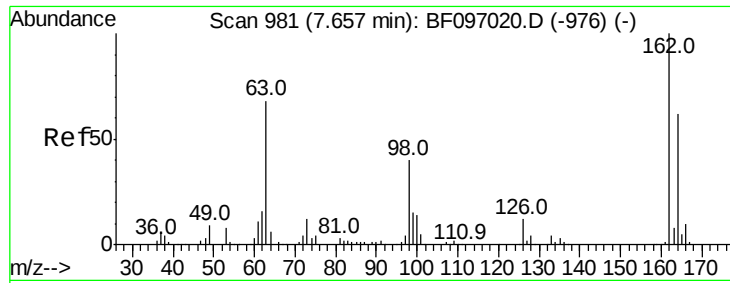
Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	93	Resp:	499827
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	9.9	9.0	13.4





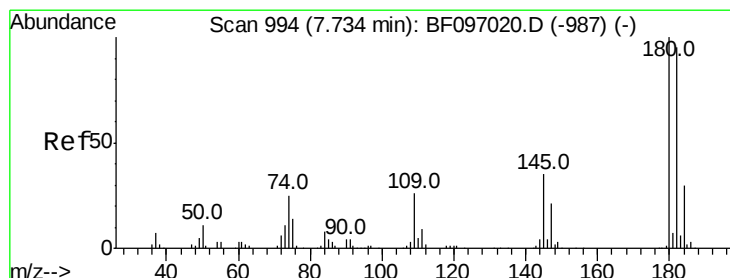
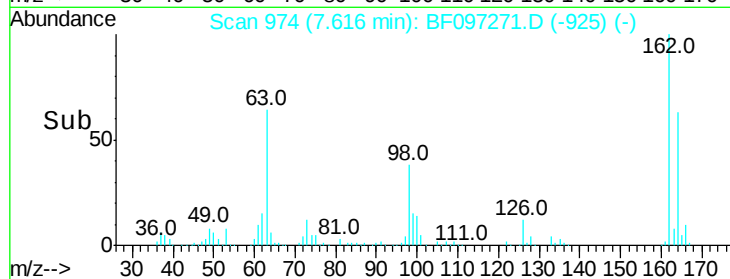
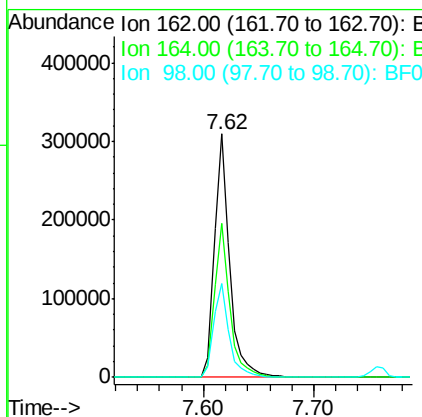
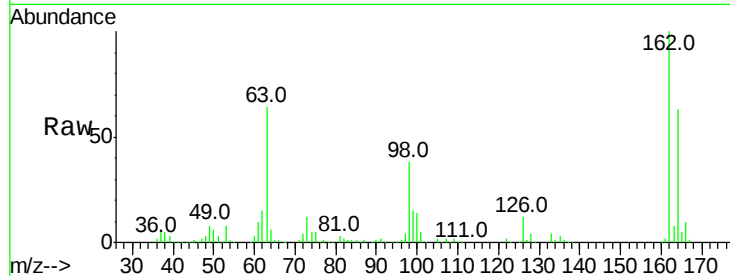
#29
 2,4-Dichlorophenol
 Concen: 36.629 ng
 RT: 7.62 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	292151		
164	63.1	44.6	84.6	
98	38.4	14.8	54.8	

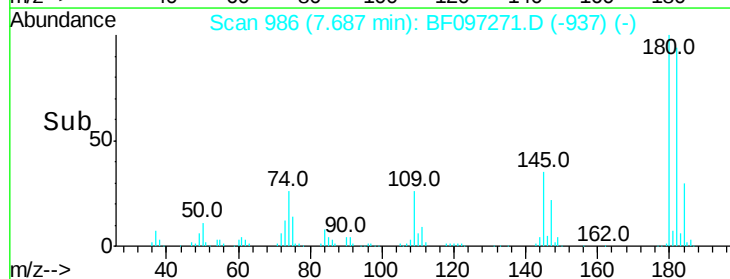
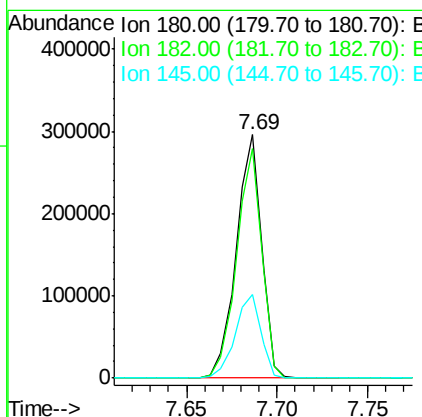
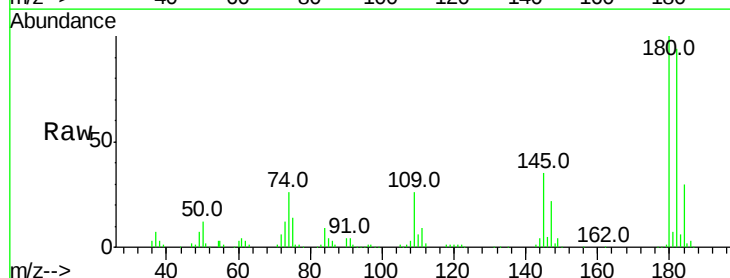
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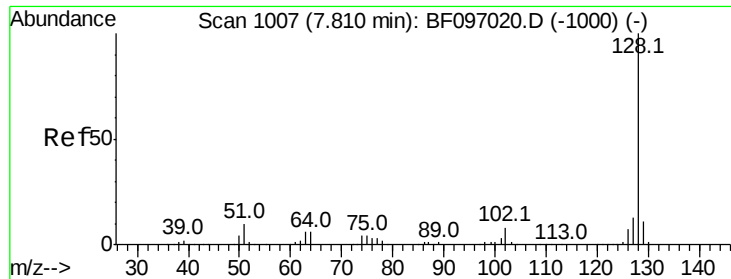
Sohil
 8/3/2017 6:07:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.663 ng
 RT: 7.69 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286326		
182	94.5	75.8	113.6	
145	34.5	25.3	37.9	





#31

Naphthalene

Concen: 37.663 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1037430

Ion Ratio Lower Upper

128 100

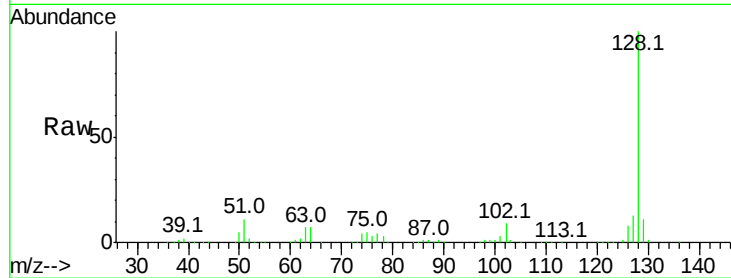
129 11.1 9.0 13.6

127 13.4 10.8 16.2

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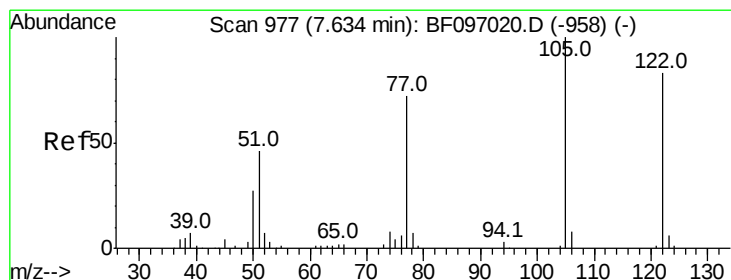
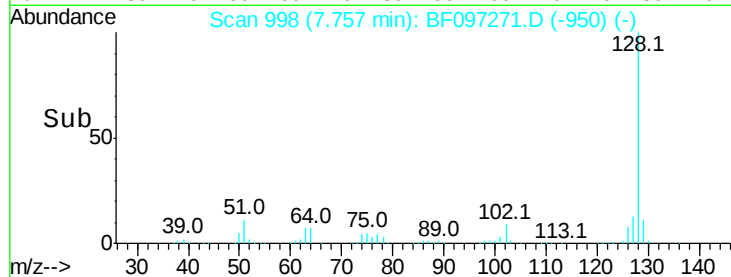
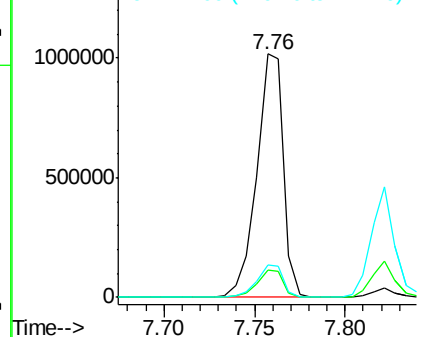
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.288 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

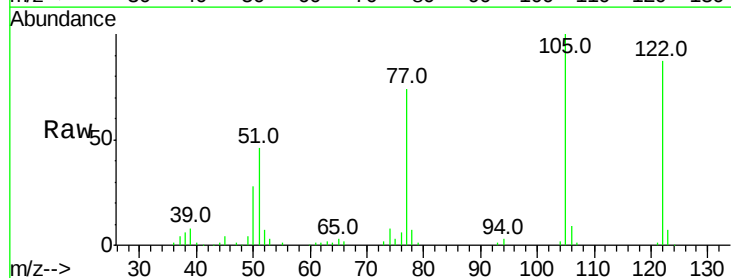
Tgt Ion:122 Resp: 264701

Ion Ratio Lower Upper

122 100

105 115.2 103.3 143.3

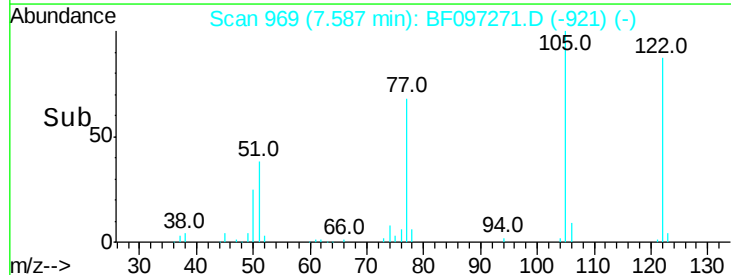
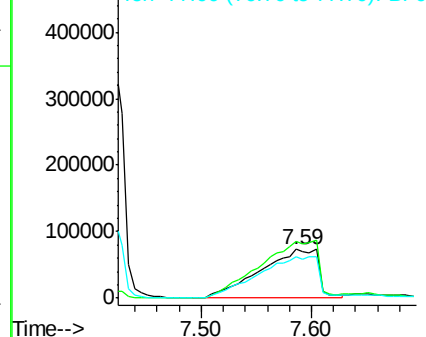
77 85.5 73.7 113.7

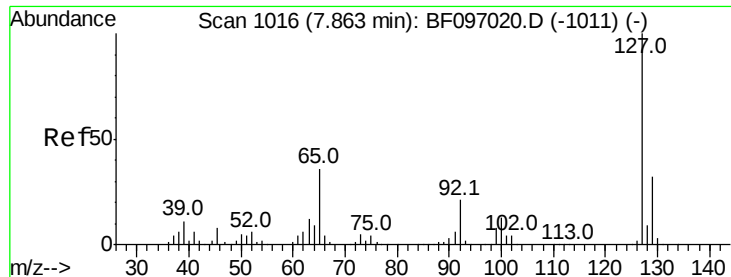


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





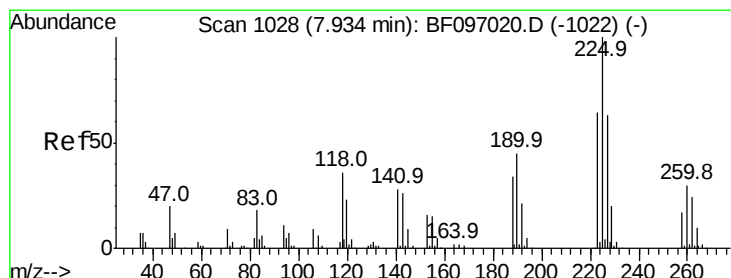
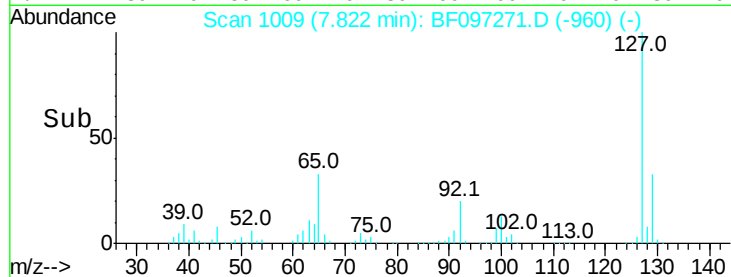
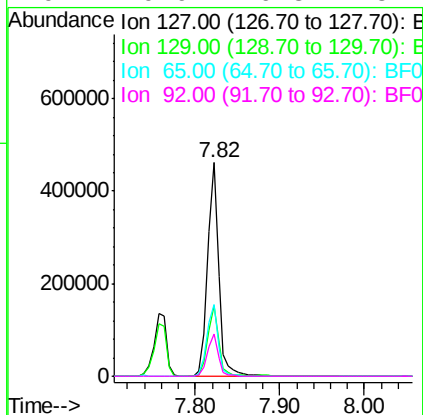
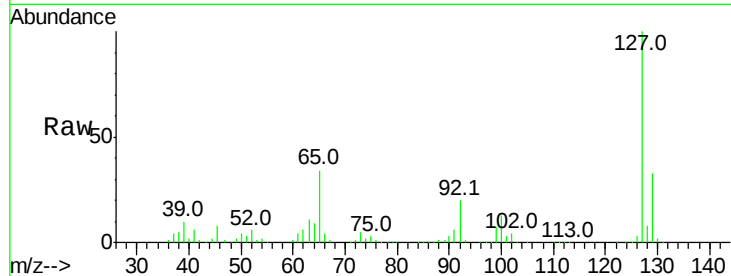
#33
4-Chloroaniline
Concen: 37.985 ng
RT: 7.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
425739	127	100			
	129	32.8		26.2	39.2
	65	33.7		27.8	41.8
	92	19.9		16.8	25.2

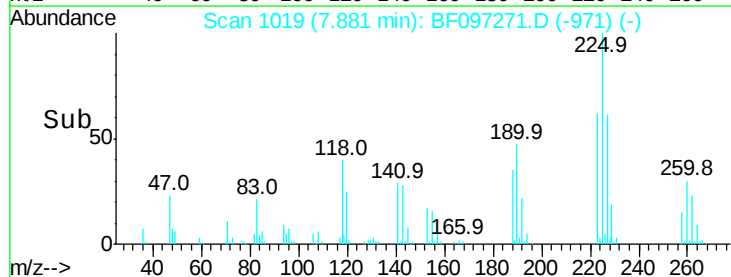
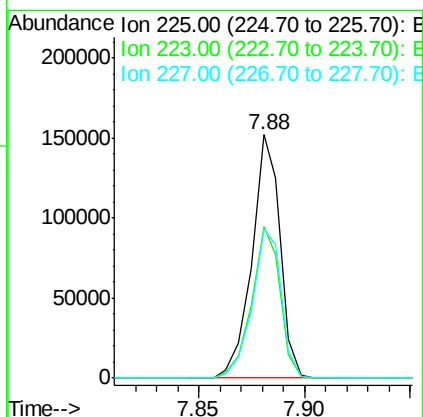
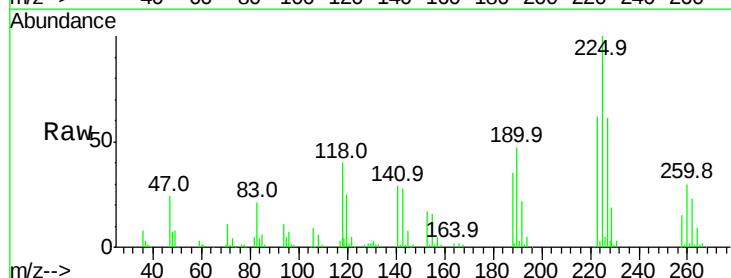
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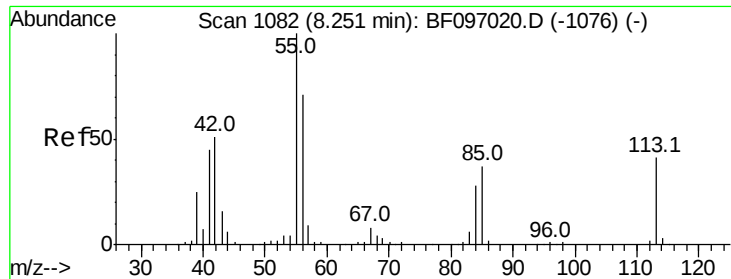
Sohil
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#34
Hexachlorobutadiene
Concen: 34.958 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
140893	225	100			
	223	62.2		48.8	73.2
	227	61.1		51.1	76.7





#35

Caprolactam

Concen: 35.459 ng/mL

RT: 8.21 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 90688

Ion Ratio Lower Upper

113 100

55 227.3 150.2 190.2#

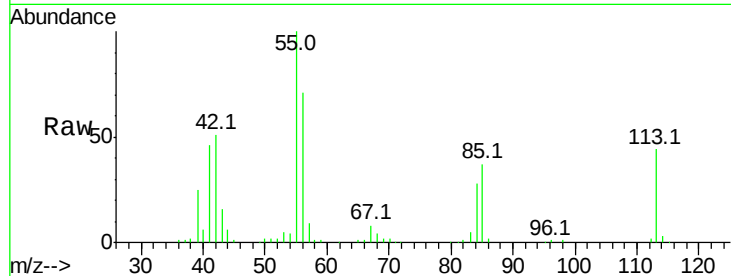
56 160.8 107.8 147.8#

Manual Integrations

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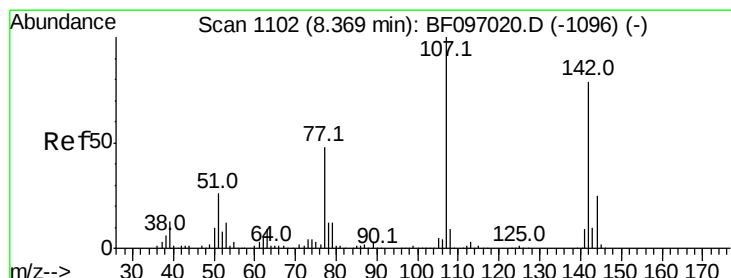
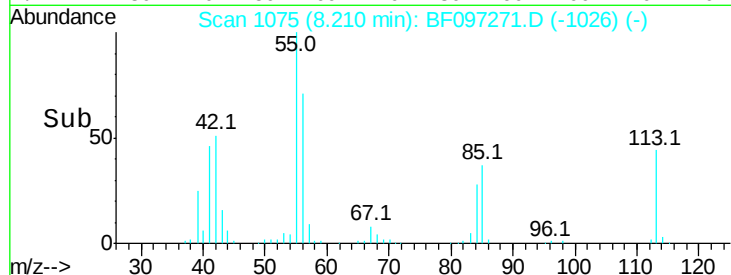
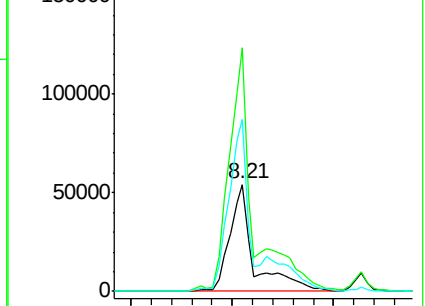
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.837 ng/mL

RT: 8.33 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

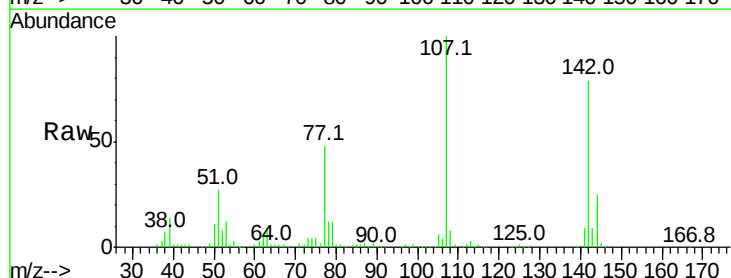
Tgt Ion:107 Resp: 303136

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

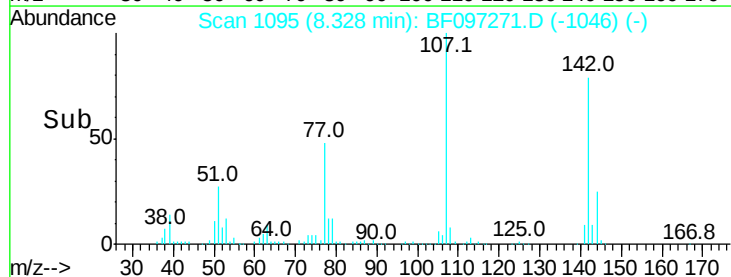
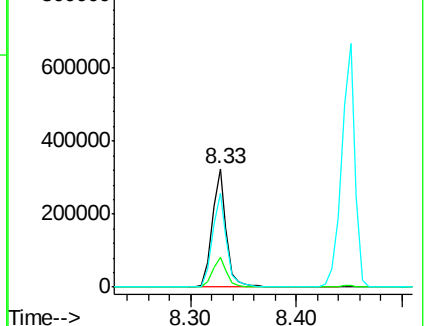
142 79.0 73.4 110.0

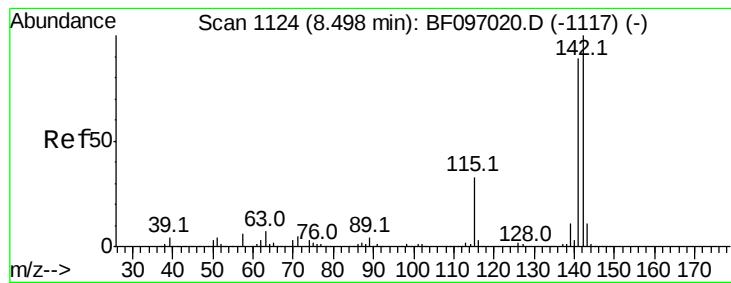


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





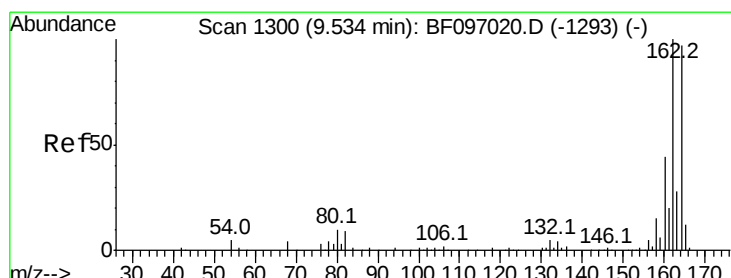
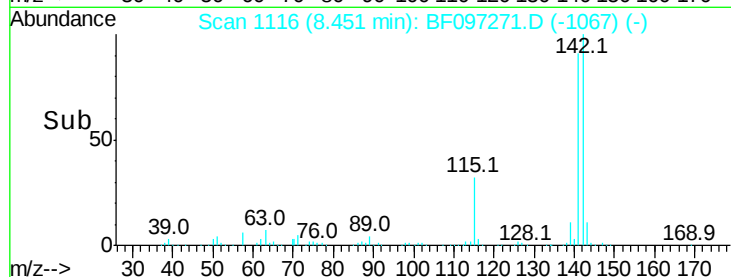
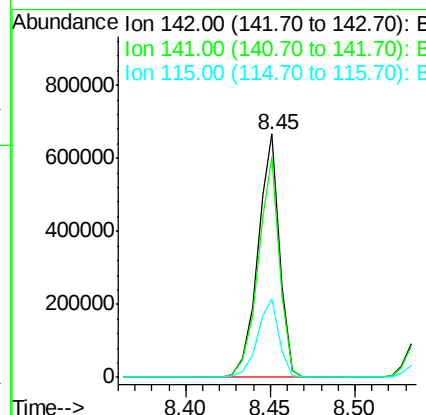
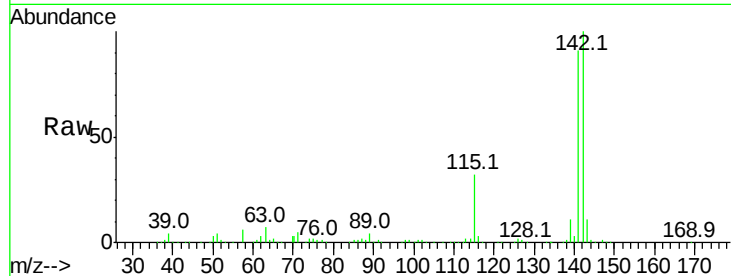
#37
2-Methylnaphthalene
Concen: 34.085 ng
RT: 8.45 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	594452		
141	90.5	71.3	106.9	
115	32.4	27.1	40.7	

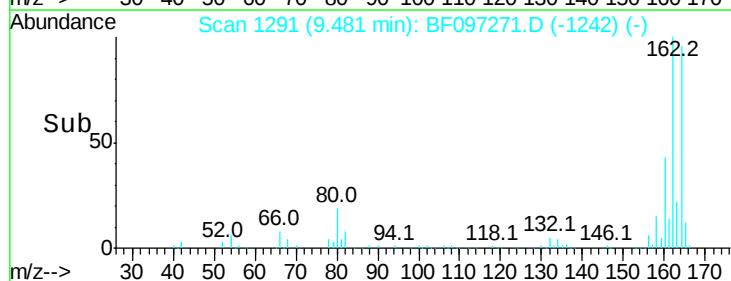
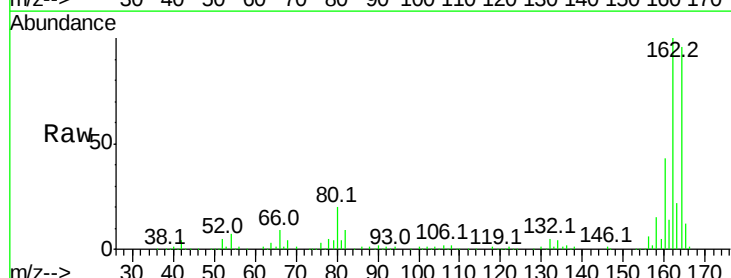
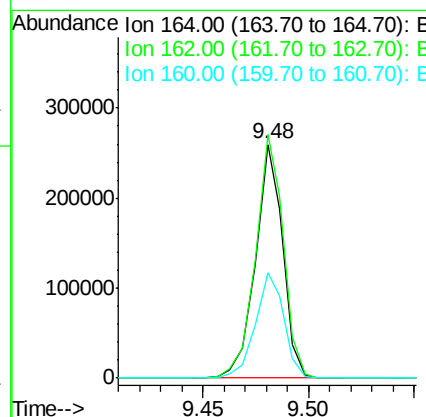
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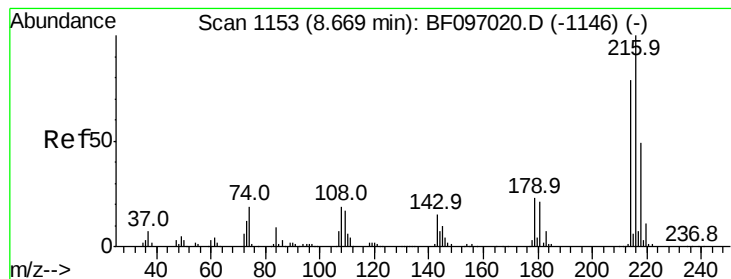
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232149		
162	104.1	82.6	123.8	
160	44.9	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.094 ng

RT: 8.62 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

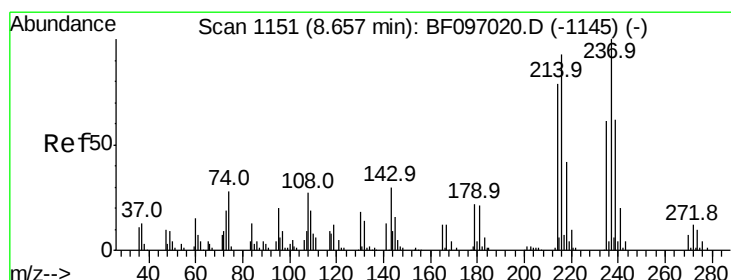
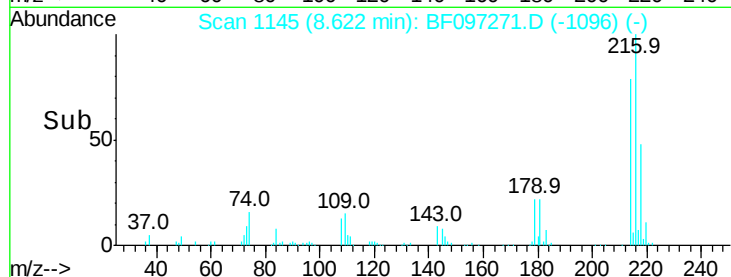
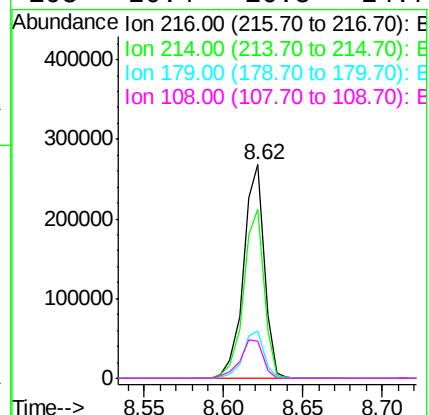
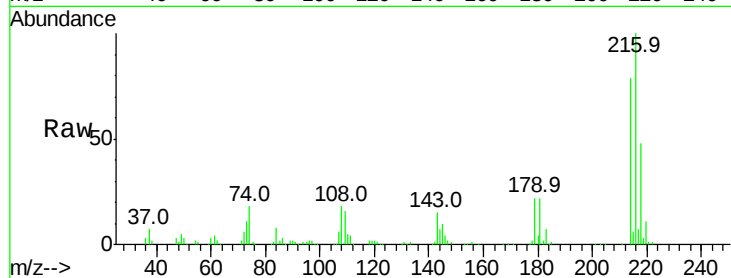
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242160		
214	78.7	63.4	95.2	
179	22.5	17.9	26.9	
108	20.4	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 32.237 ng

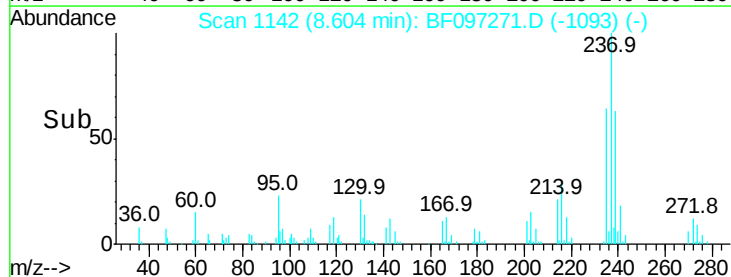
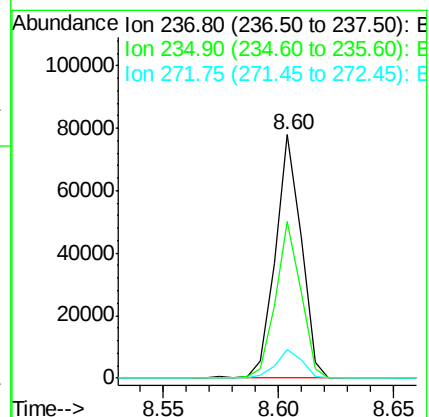
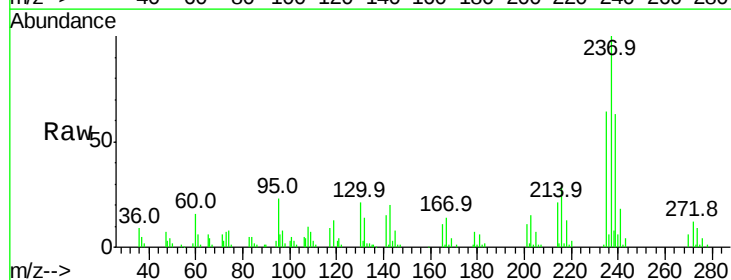
RT: 8.60 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	60538		
235	64.2	42.6	82.6	
272	11.9	0.0	31.9	





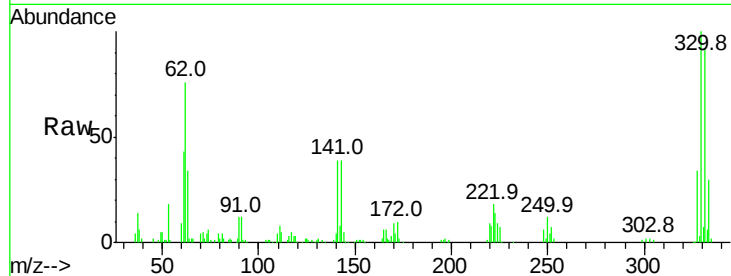
#41
 2,4,6-Tribromophenol
 Concen: 78.266 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143555		
332	98.0	76.6	115.0	
141	37.3	31.4	47.2	

Manual Integrations
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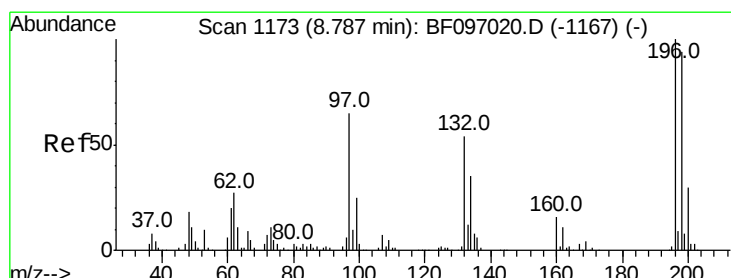
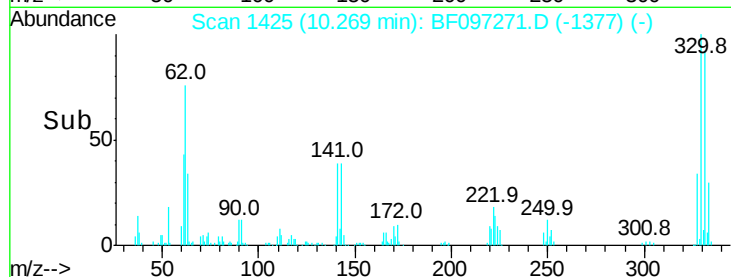
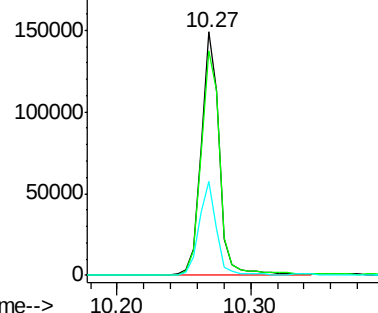


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.576 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

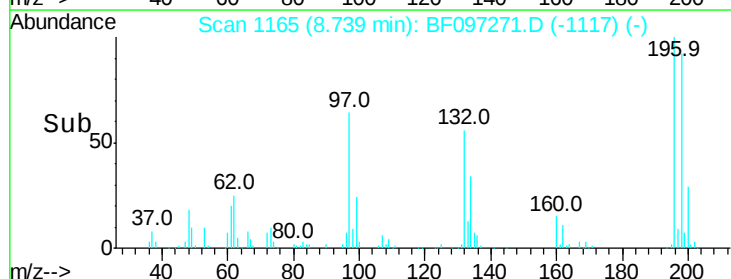
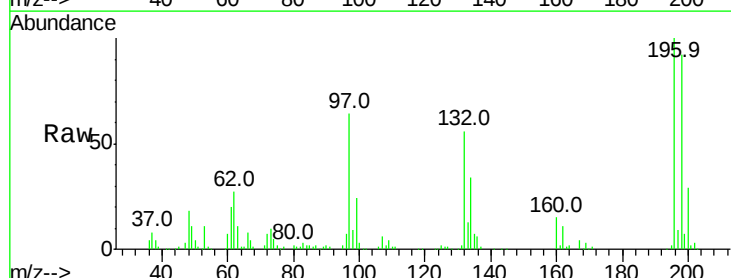
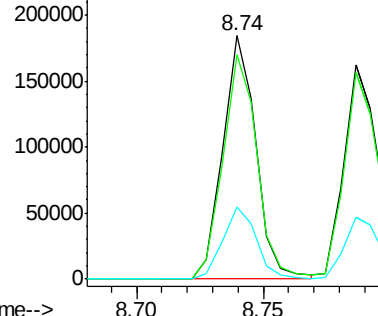
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168672		
198	92.1	74.2	111.4	
200	29.5	24.0	36.0	

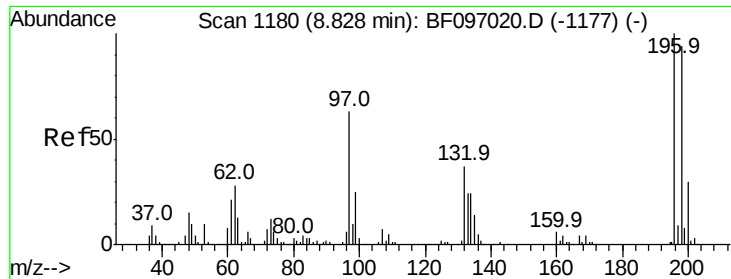
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





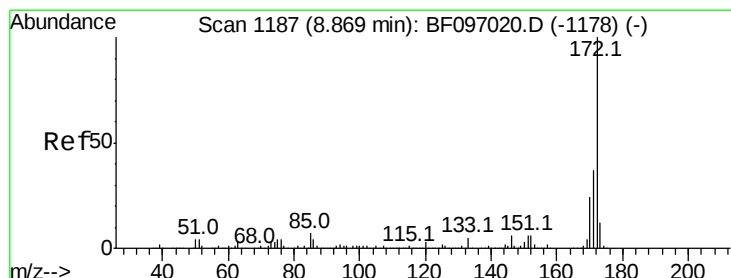
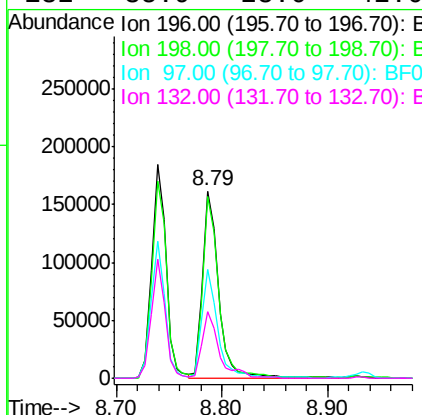
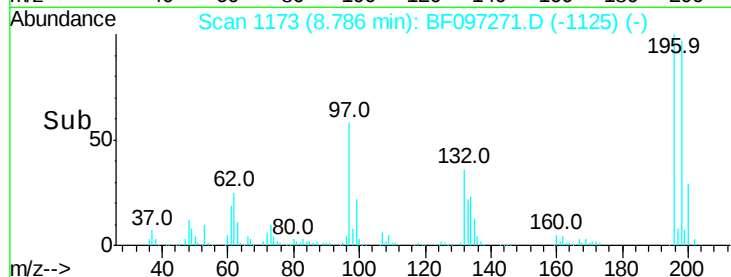
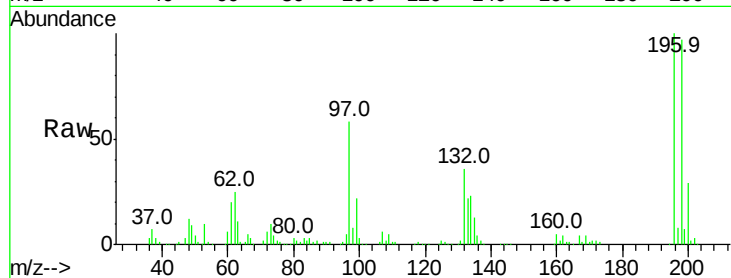
#43
 2,4,5-Trichlorophenol
 Concen: 37.542 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	168675
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.7	113.5
97	58.1	47.7	71.5
132	35.9	28.0	42.0

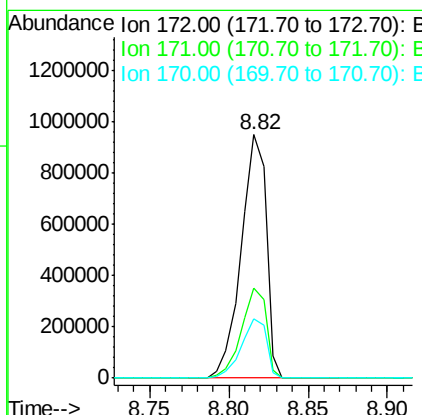
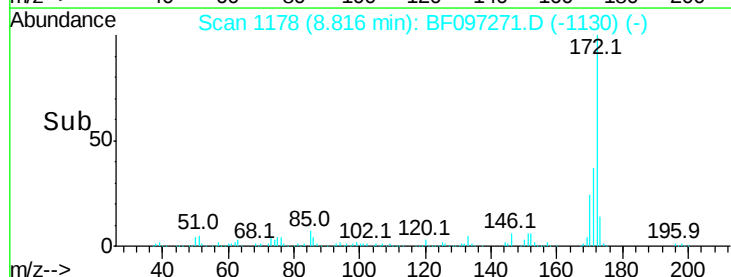
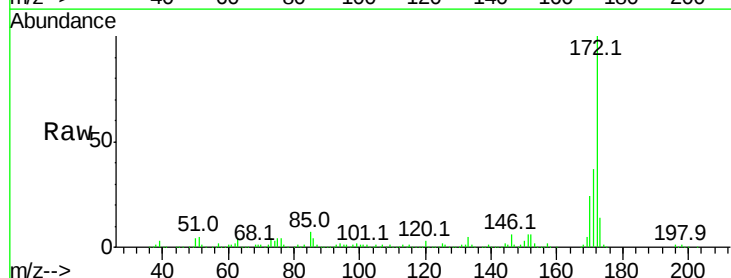
Manual Integrations
 APPROVED

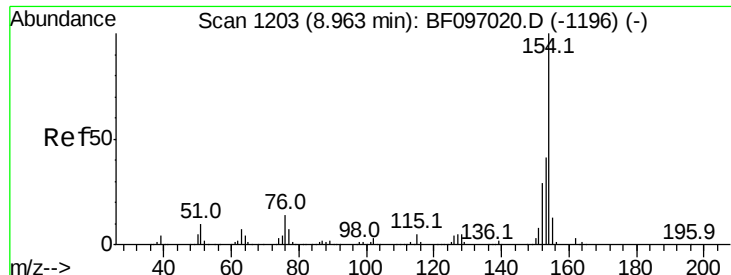
Sohil
 8/3/2017 6:07:59 PM



#44
 2-Fluorobiphenyl
 Concen: 76.063 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	172	Resp	1040484
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.6	44.4
170	24.2	19.8	29.8





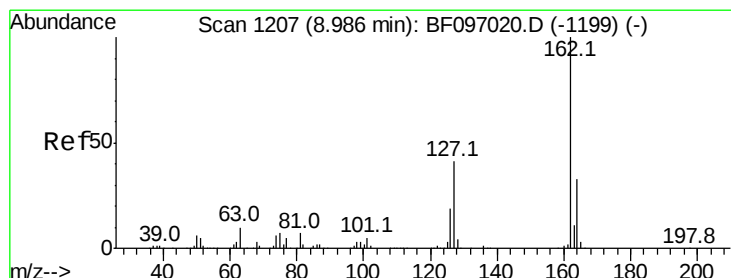
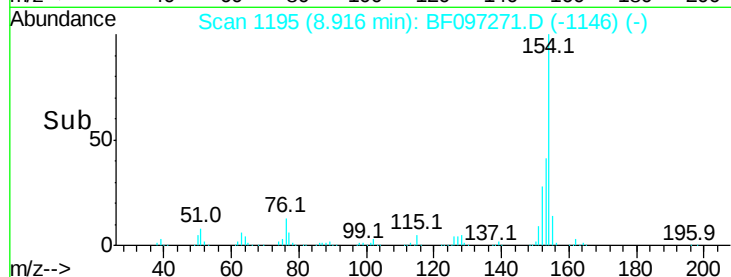
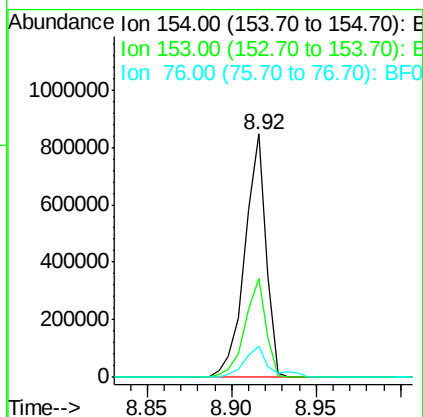
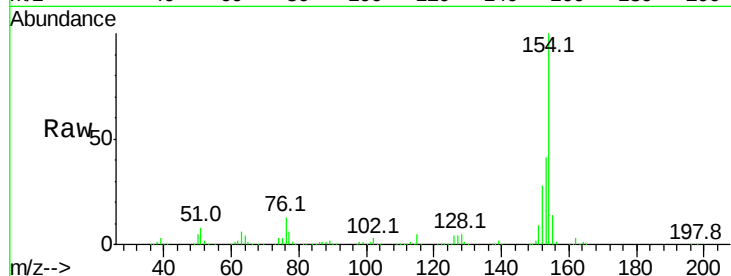
#45
 1,1'-Biphenyl
 Concen: 37.561 ng
 RT: 8.92 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	154	Resp:	744781
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	12.8	0.0	29.9

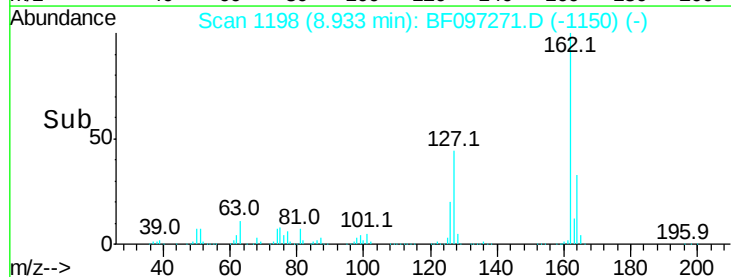
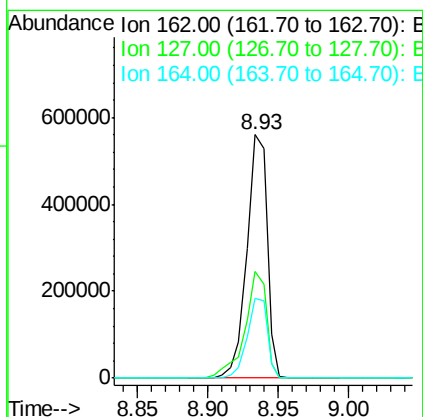
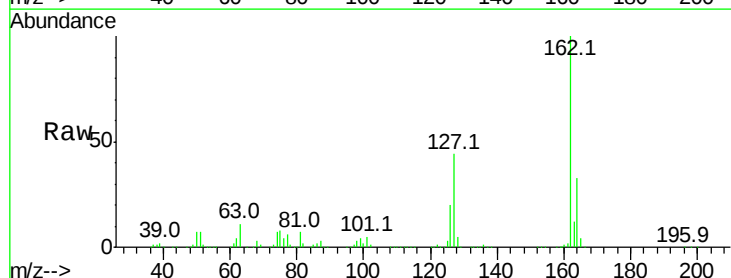
Manual Integrations
 APPROVED

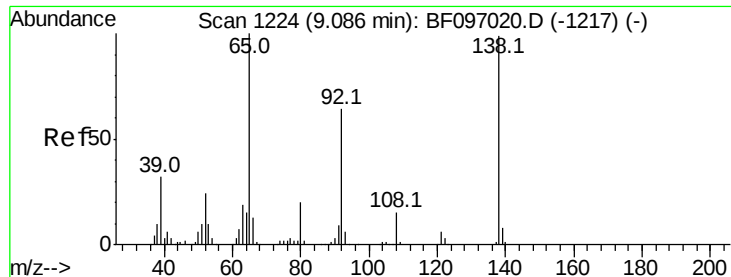
Sohil
 8/3/2017 6:07:59 PM



#46
 2-Chloronaphthalene
 Concen: 38.929 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:	162	Resp:	568043
Ion Ratio	Lower	Upper	
162	100		
127	44.0	28.3	42.5#
164	32.5	27.0	40.4





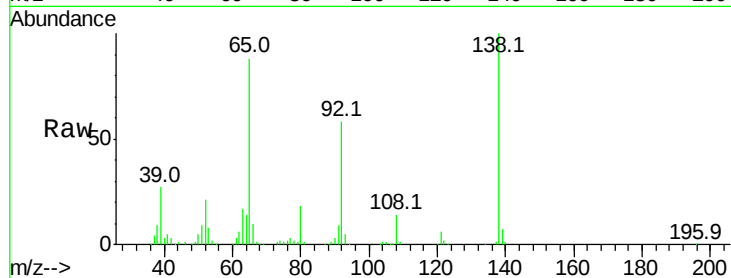
#47
2-Nitroaniline
Concen: 38.324 ng
RT: 9.05 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	113.0	78.8	118.2

Manual Integrations
APPROVED

Sohil
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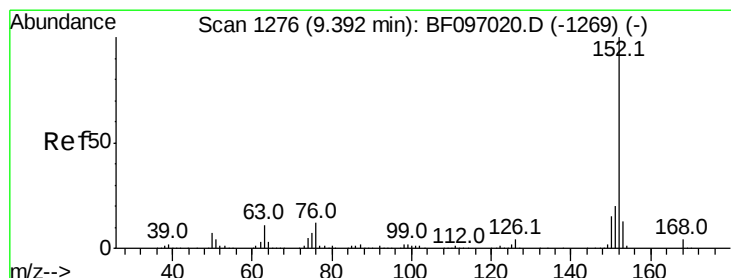
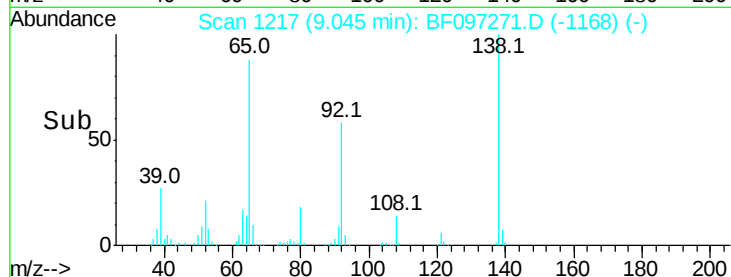
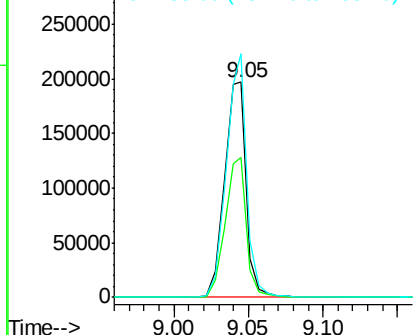


Abundance

Ion 65.00 (64.70 to 65.70): BF0

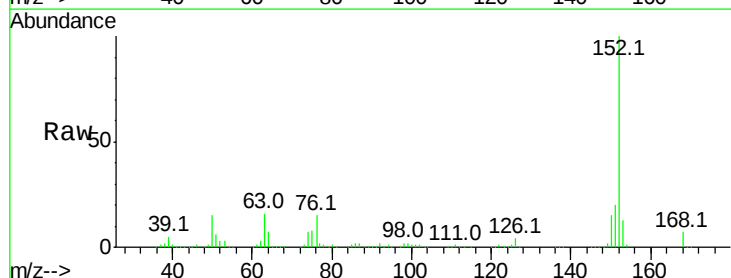
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 37.117 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.2	10.8	16.2

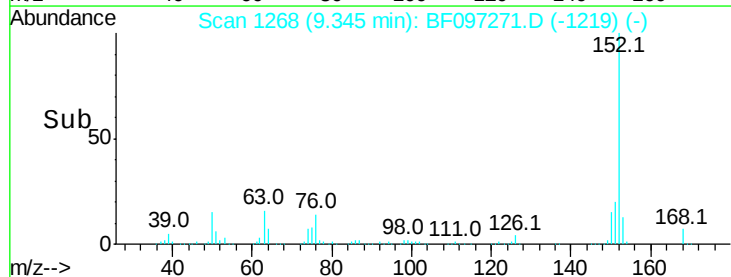
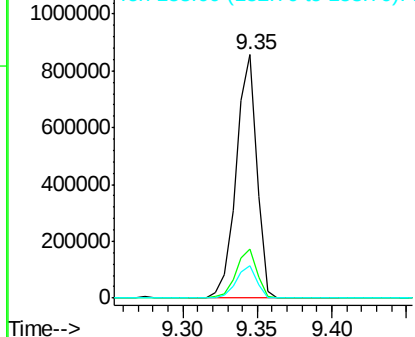


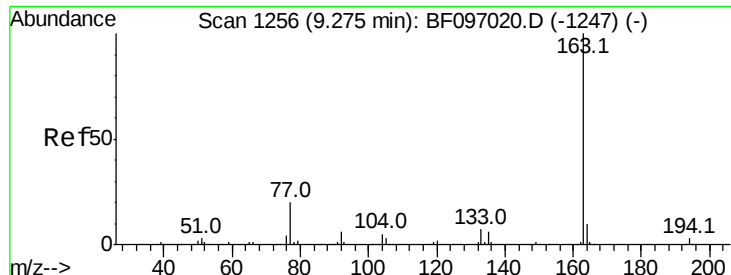
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





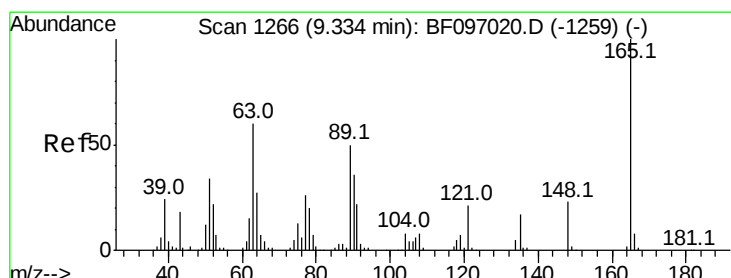
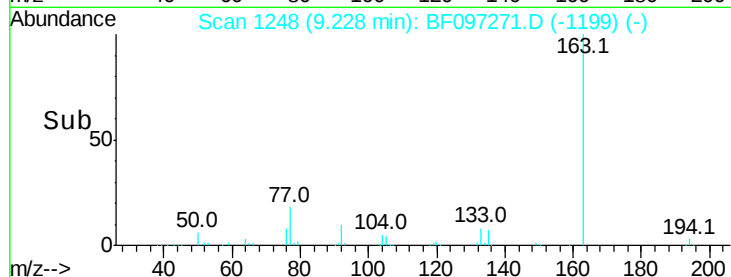
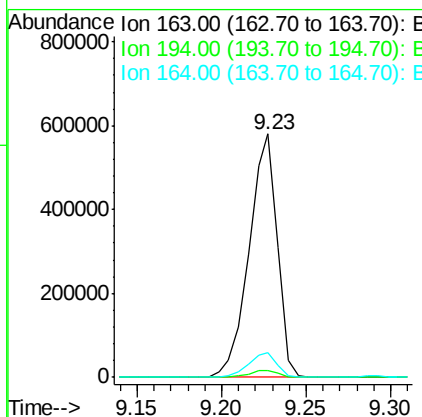
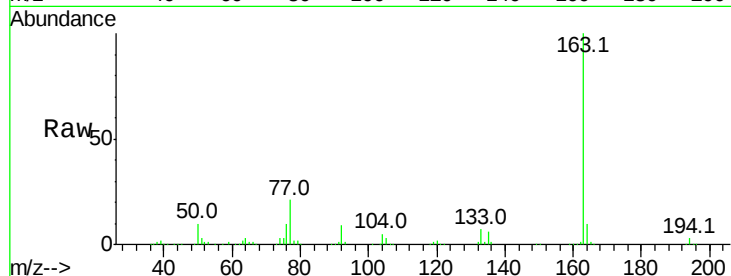
#49
Dimethylphthalate
Concen: 38.188 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	673214		
194	3.0		2.6	4.0
164	10.0		8.4	12.6

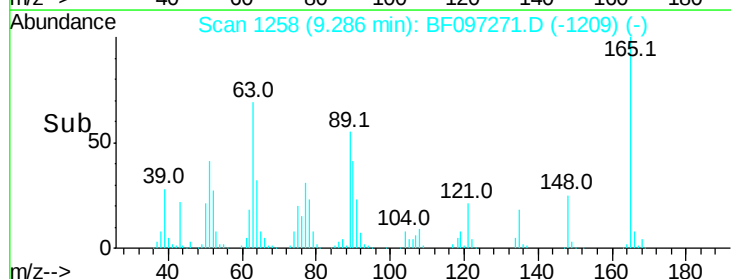
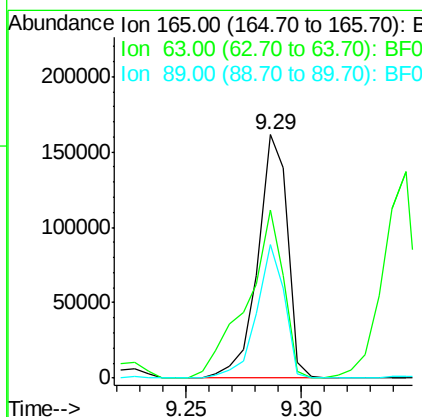
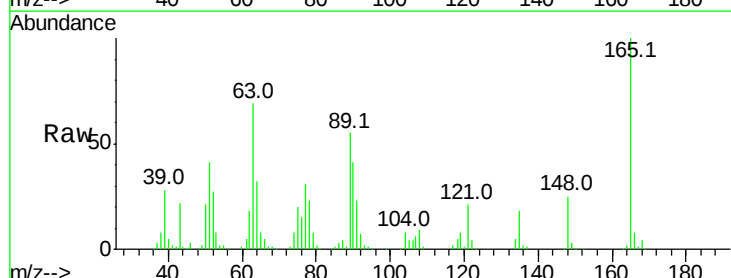
Manual Integrations
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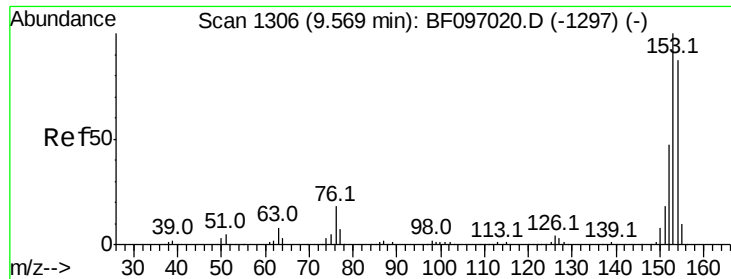
Sohil
8/3/2017 6:07:59 PM



#50
2,6-Dinitrotoluene
Concen: 38.819 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145143		
63	69.1		34.3	51.5#
89	55.1		37.1	55.7





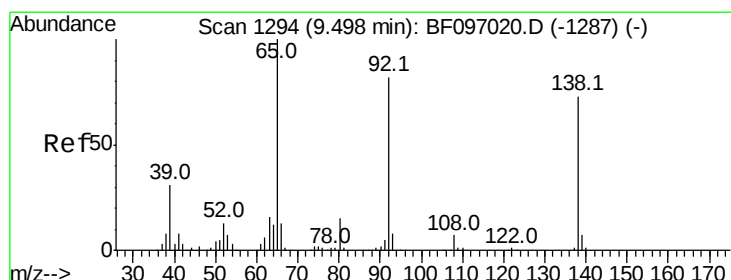
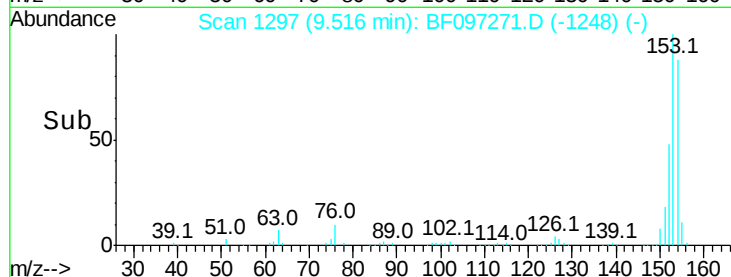
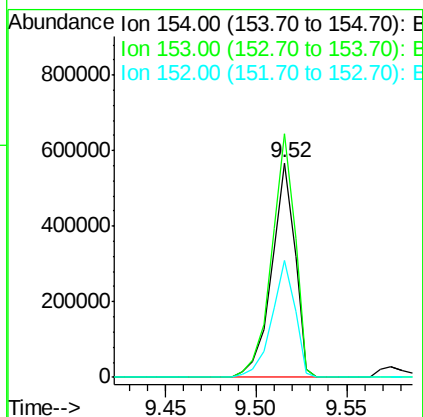
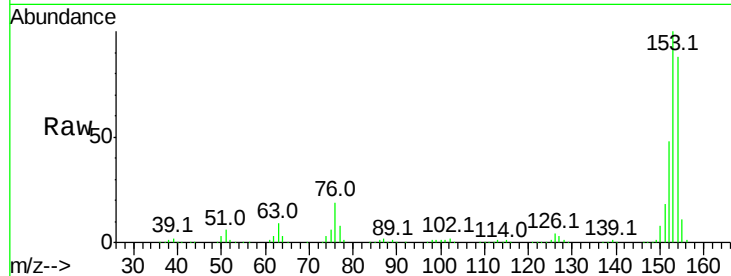
#51
Acenaphthene
Concen: 38.275 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	54.8	43.6	65.4

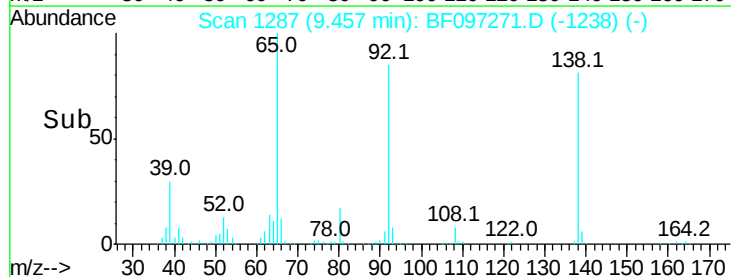
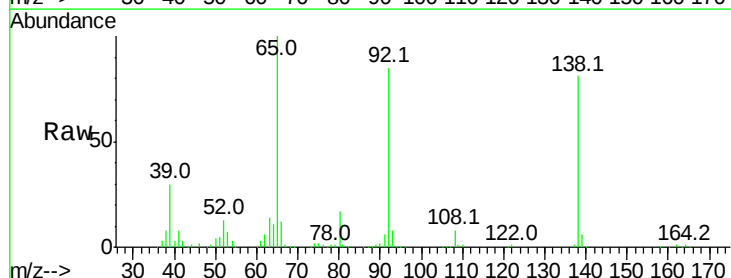
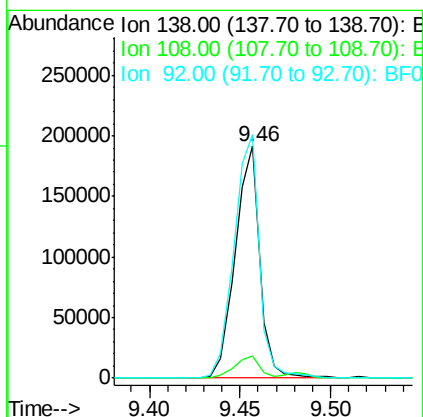
Manual Integrations
APPROVED

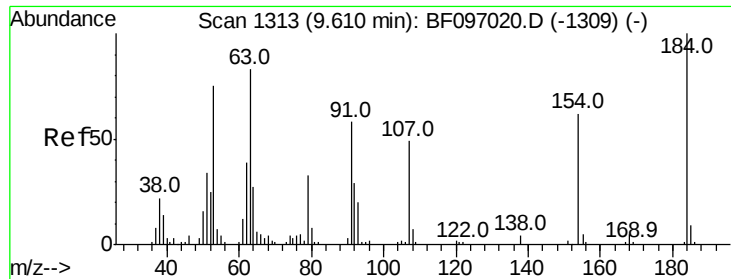
Sohil
8/3/2017 6:07:59 PM



#52
3-Nitroaniline
Concen: 38.819 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	9.1	13.7
92	105.0	93.8	140.6





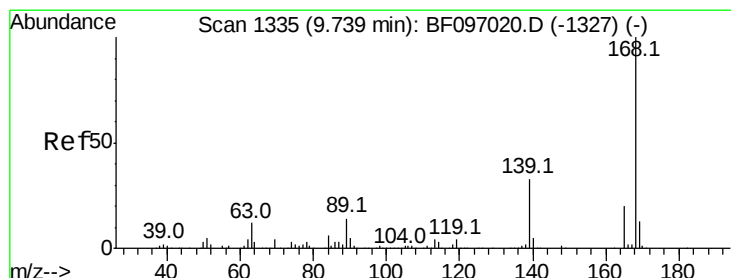
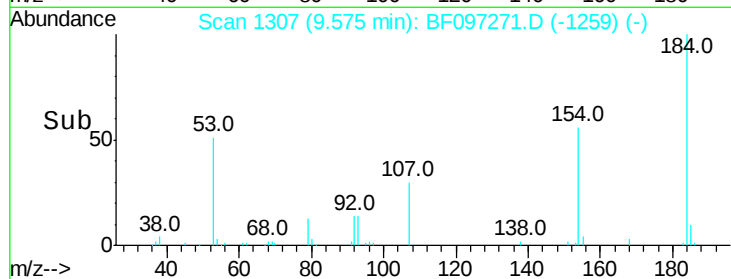
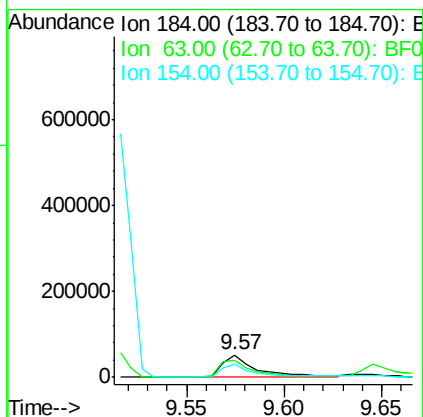
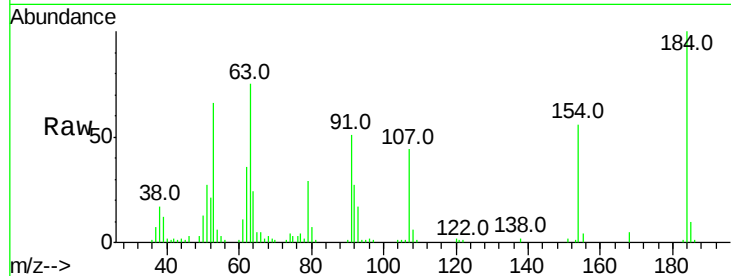
#53
 2,4-Dinitrophenol
 Concen: 38.149 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.4	62.7	94.1
154	56.4	81.1	121.7#

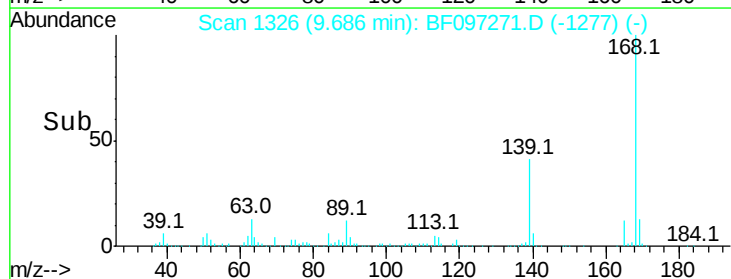
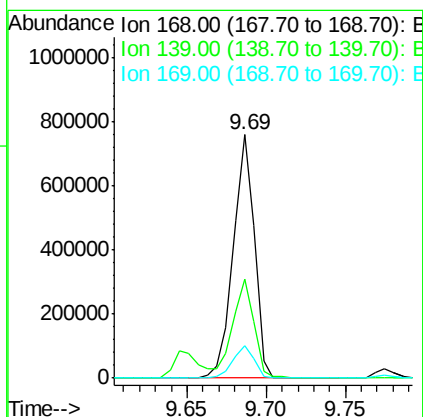
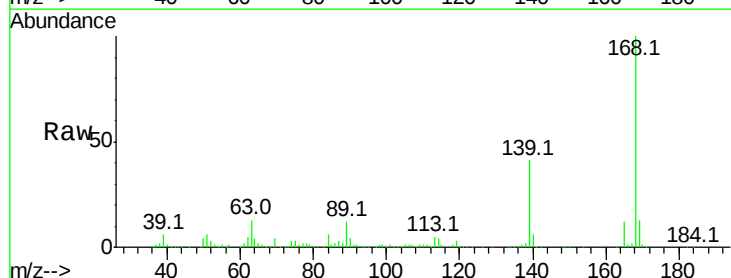
Manual Integrations
 APPROVED

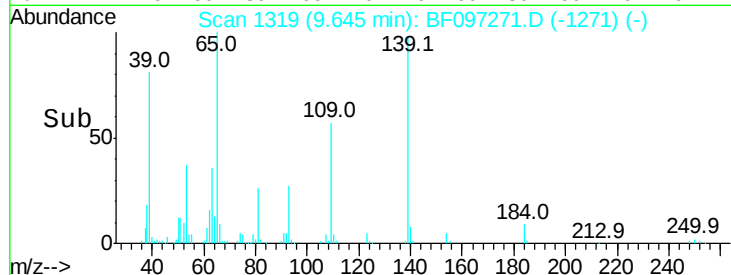
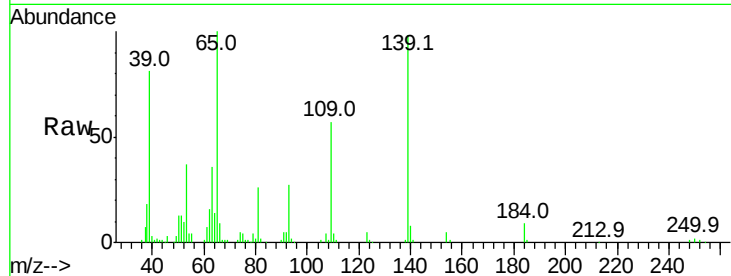
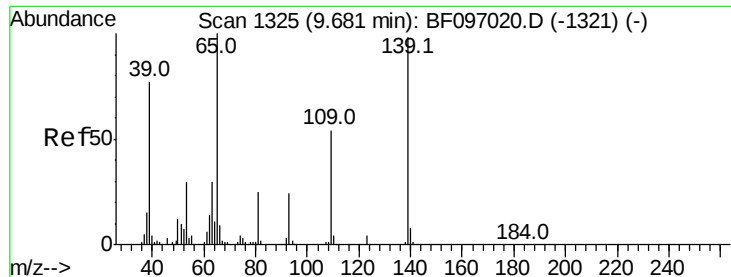
Sohil
 8/3/2017 6:07:59 PM



#54
 Dibenzofuran
 Concen: 40.001 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.6	45.8
169	13.4	10.8	16.2





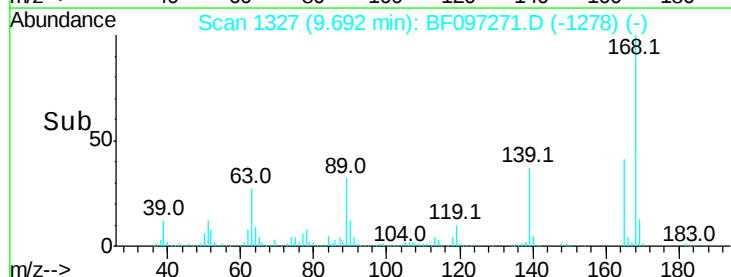
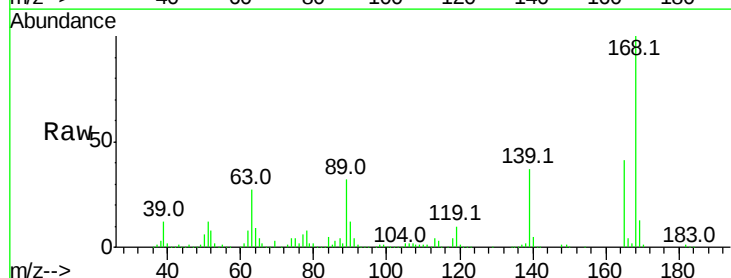
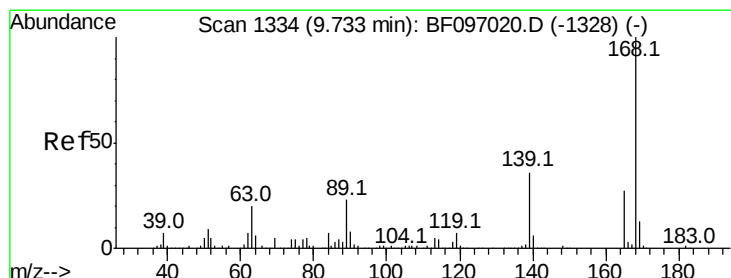
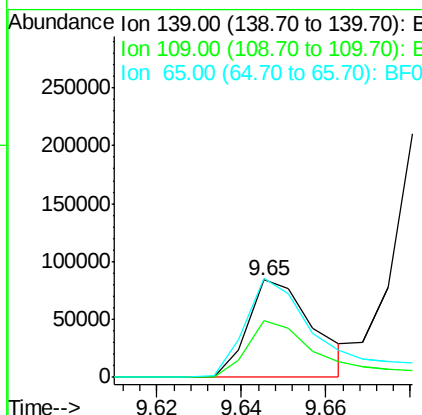
#55
4-Nitrophenol
Concen: 32.570 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.7	34.1	74.1	
65	101.7	31.4	71.4	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

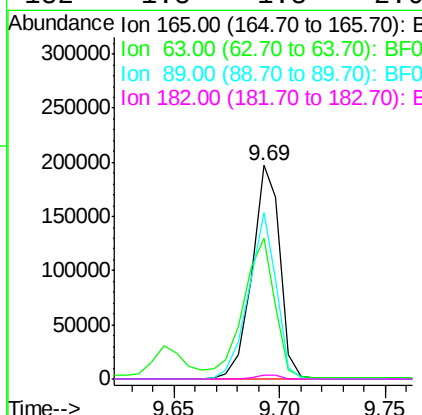
Manual Integrations
APPROVED

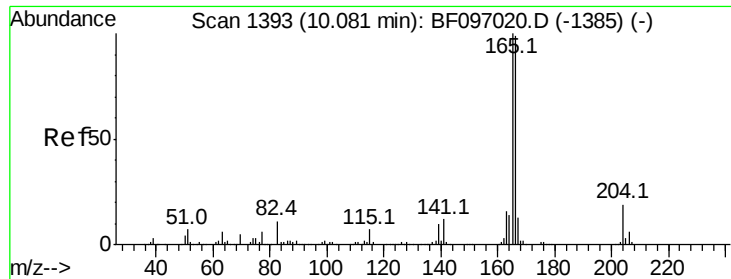
Sohil
8/3/2017 6:07:59 PM



#56
2,4-Dinitrotoluene
Concen: 41.813 ng
RT: 9.69 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	25.4	38.0	
89	78.2	46.4	69.6	
182	1.8	1.8	2.6	





#57

Fluorene

Concen: 41.271 ng

RT: 10.03 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

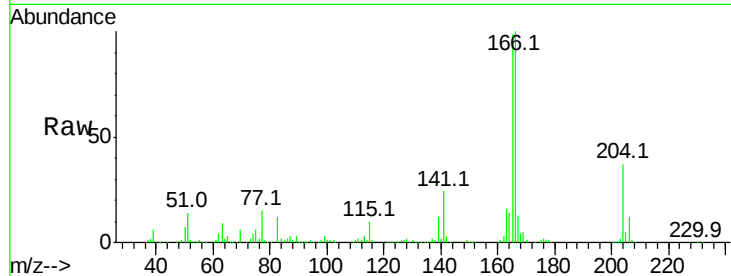
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	545081		
165	99.4	78.8	118.2	
167	13.1	10.6	16.0	

Manual Integrations
APPROVED

Sohil
8/3/2017 6:07:59 PM

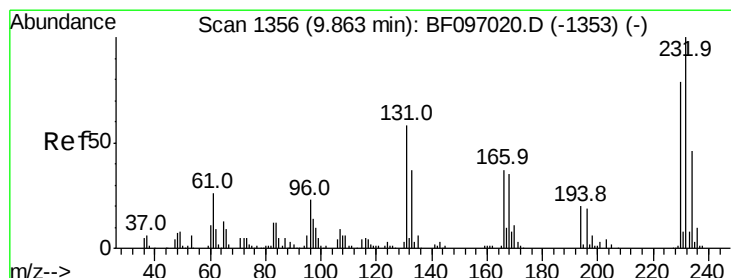
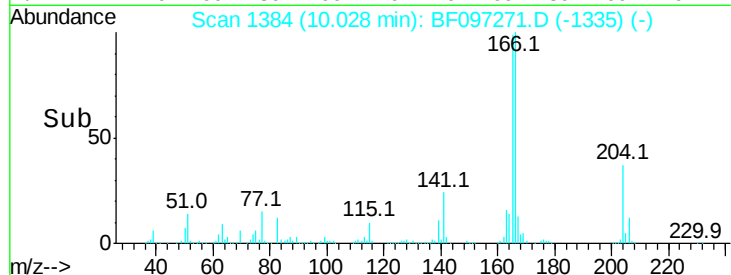
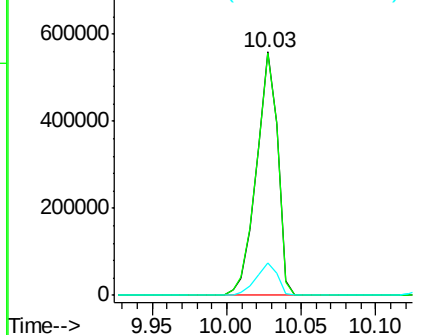


Abundance

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: 39.625 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122926		
231	53.9	44.8	67.2	
130	2.2	2.3	3.5#	
166	32.3	29.0	43.4	

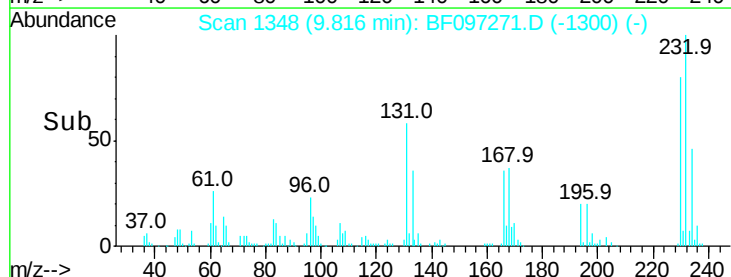
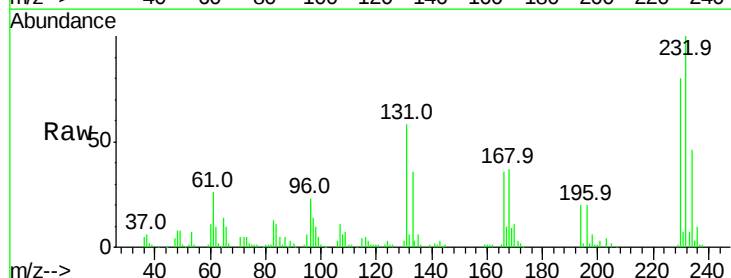
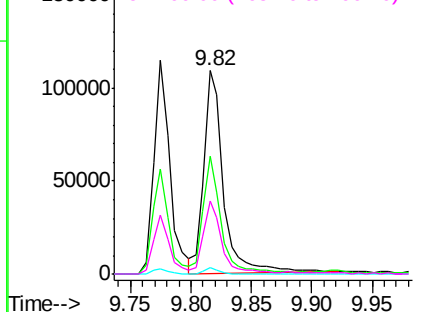
Abundance

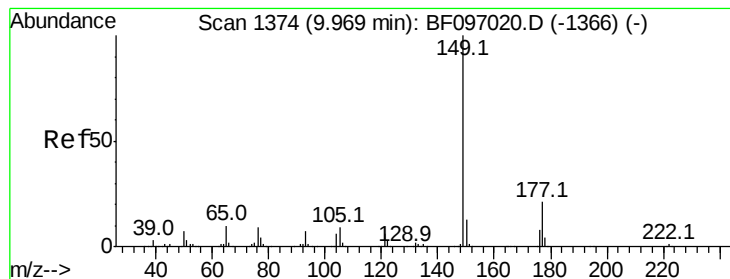
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.615 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

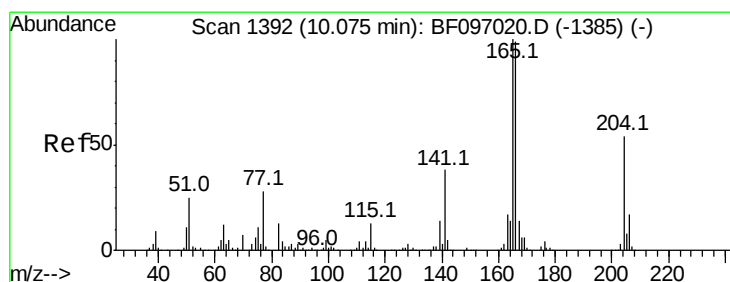
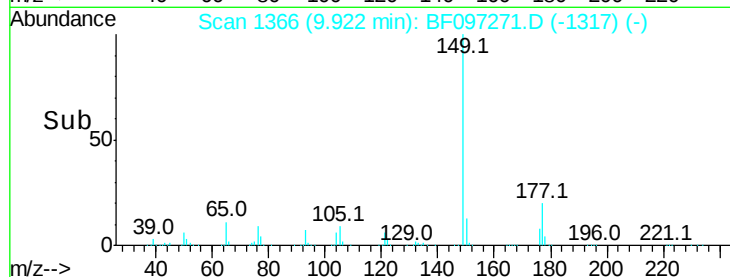
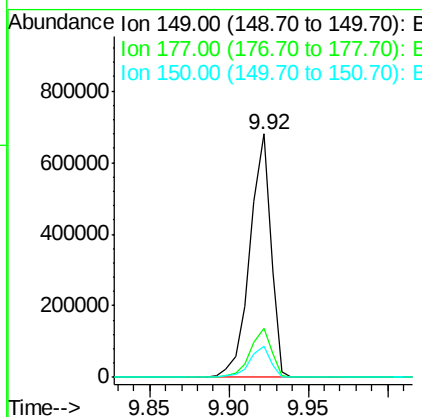
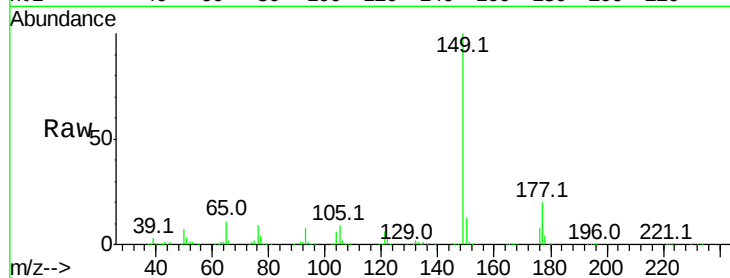
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	624546
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.7	25.1
150	13.0	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 41.148 ng

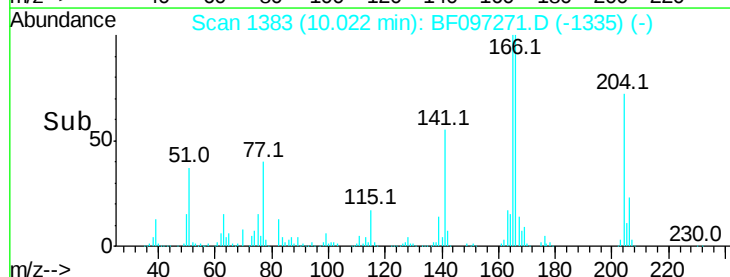
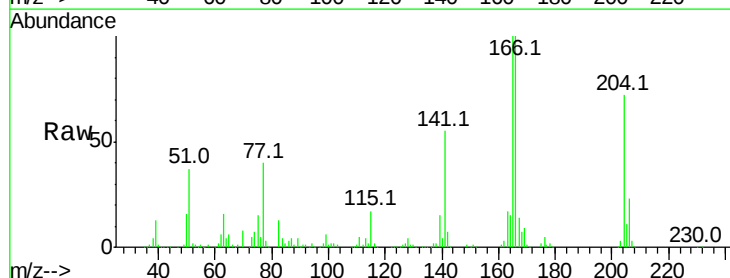
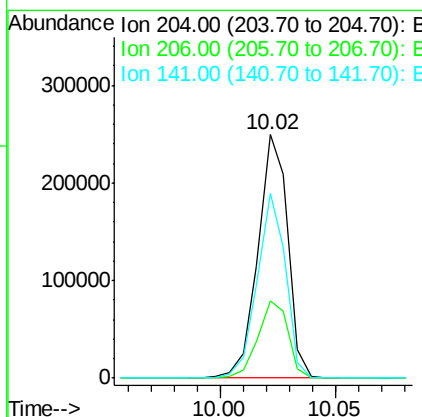
RT: 10.02 min Scan# 1383

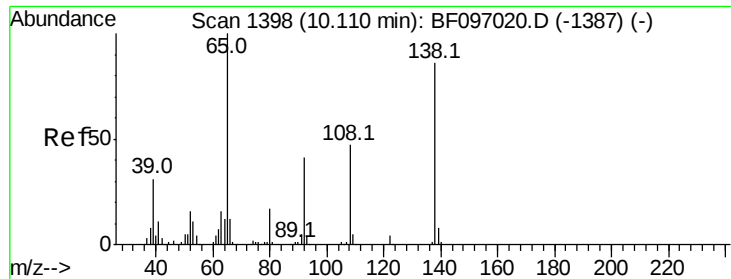
Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	204	Resp:	224416
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.2	39.2
141	75.6	60.8	91.2





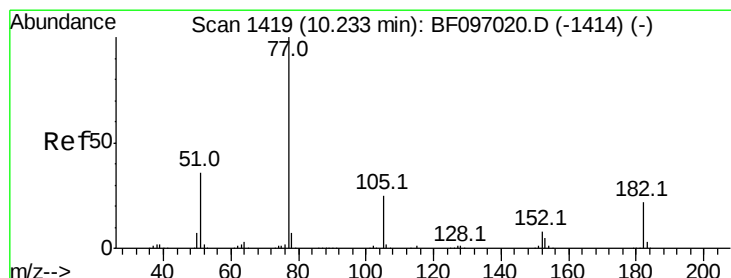
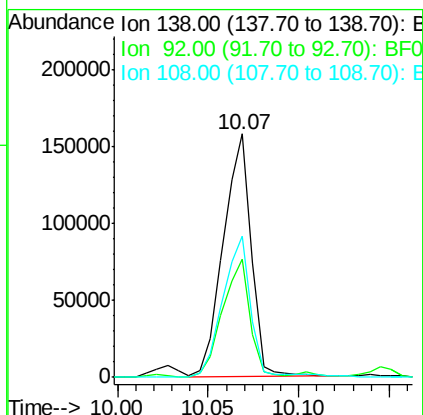
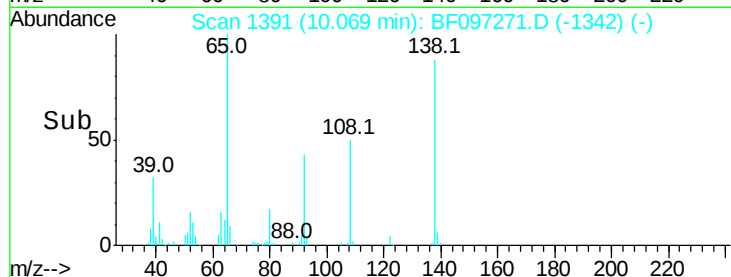
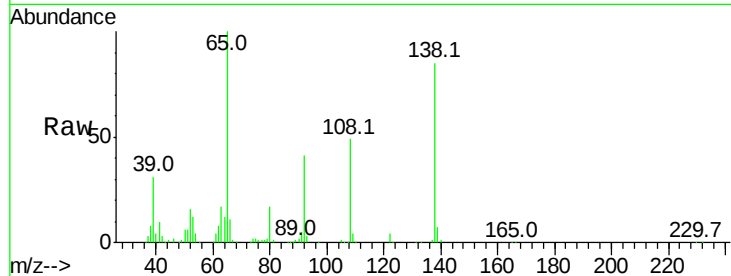
#61
4-Nitroaniline
Concen: 38.295 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	21.8	61.8
108	58.0	42.3	82.3

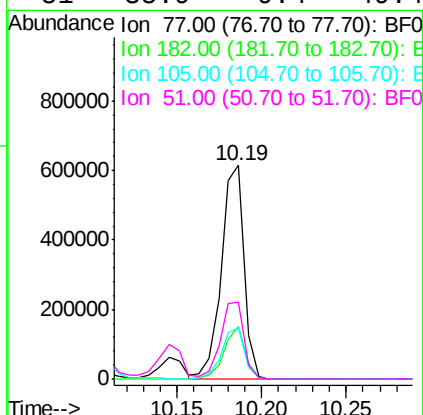
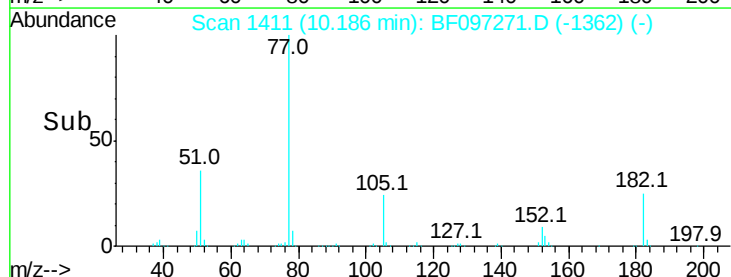
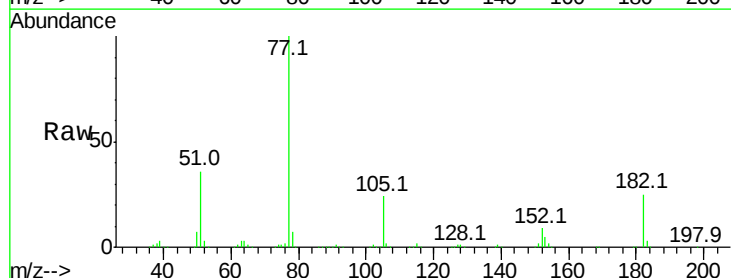
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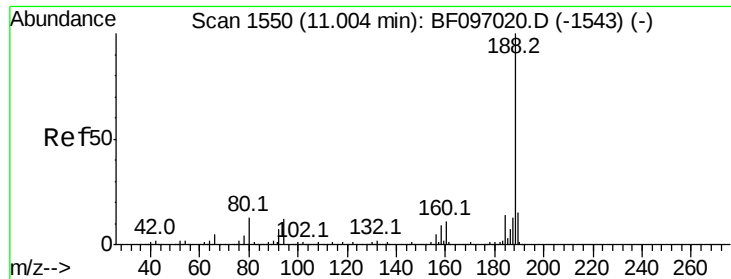
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#62
Azobenzene
Concen: 38.272 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.1	40.1
105	24.2	3.6	43.6
51	35.9	9.4	49.4





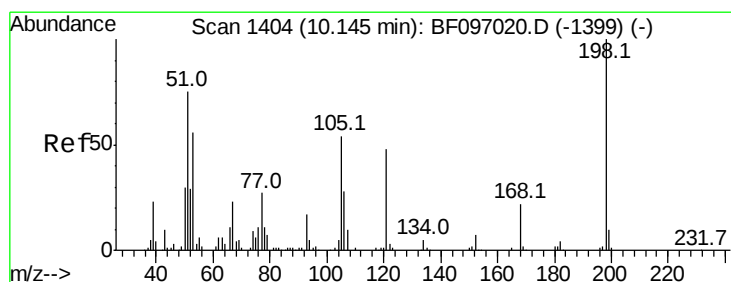
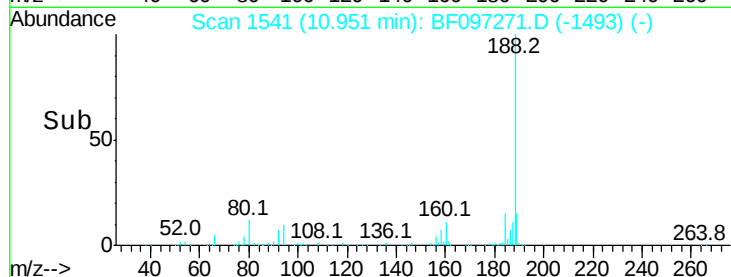
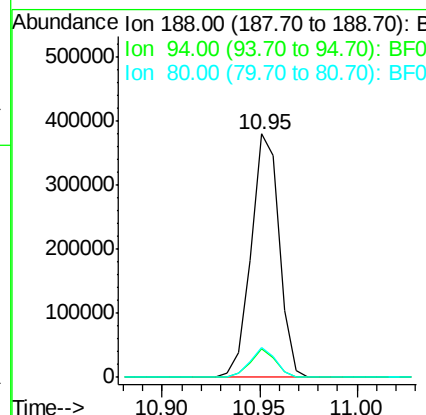
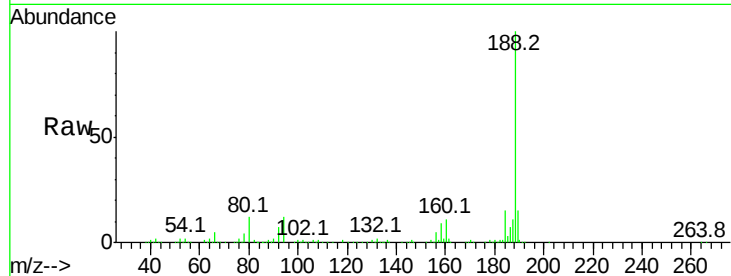
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377753		
94	11.6		9.4	14.2
80	12.1		10.2	15.2

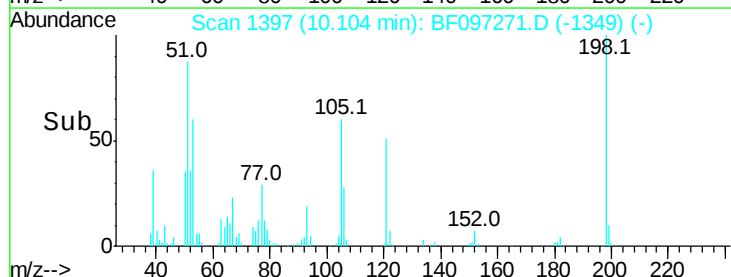
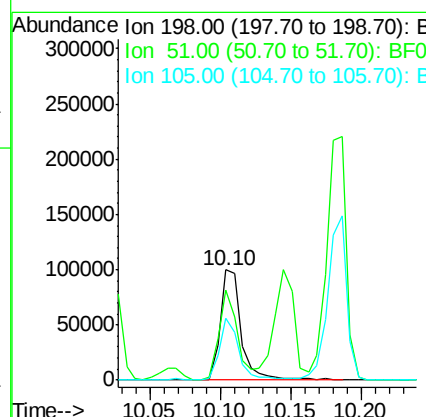
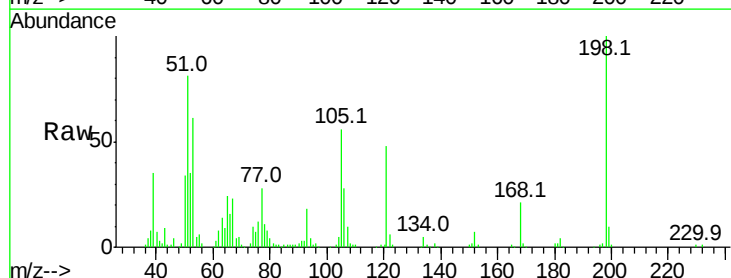
Manual Integrations
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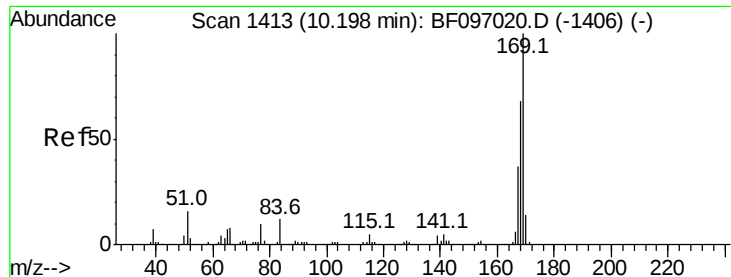
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.839 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102904		
51	81.2		53.2	93.2
105	56.5		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.946 ng

RT: 10.15 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 511885

Ion Ratio Lower Upper

169 100

168 69.5 53.2 79.8

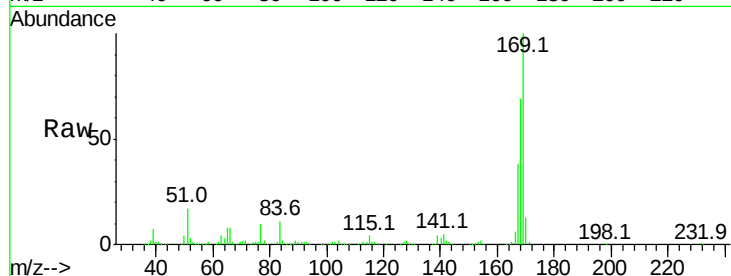
167 38.3 29.5 44.3

Manual Integrations

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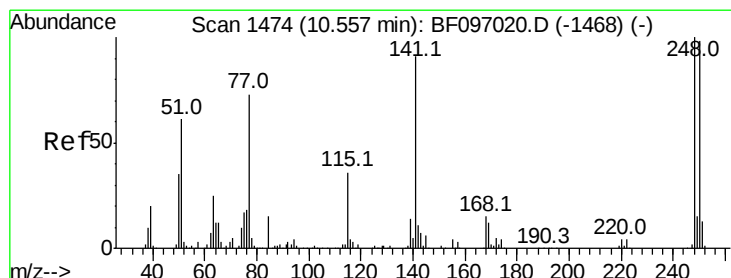
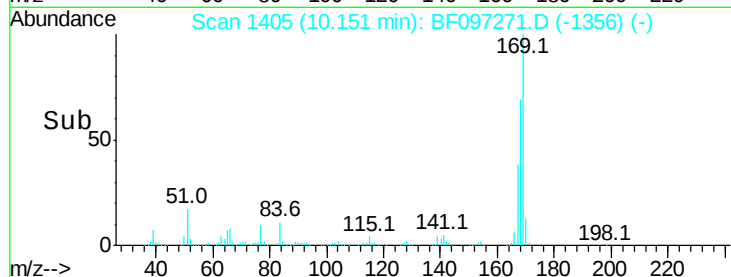
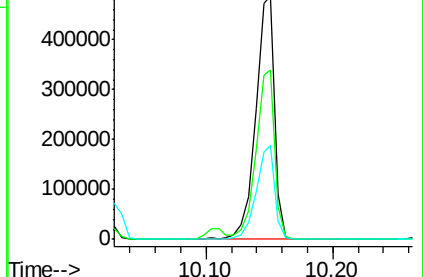
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.726 ng

RT: 10.51 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

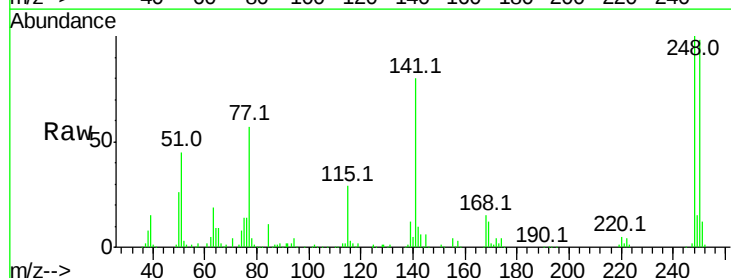
Tgt Ion:248 Resp: 145991

Ion Ratio Lower Upper

248 100

250 97.9 76.8 115.2

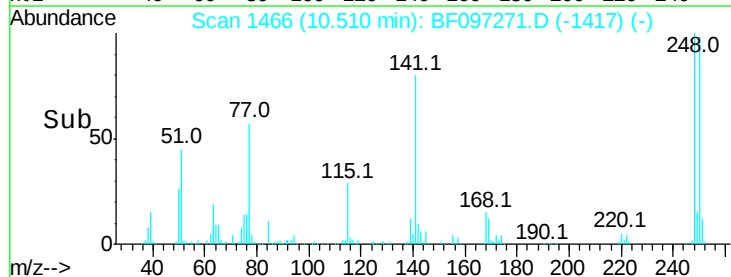
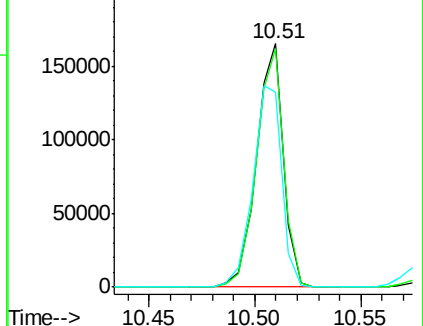
141 79.9 68.6 103.0



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





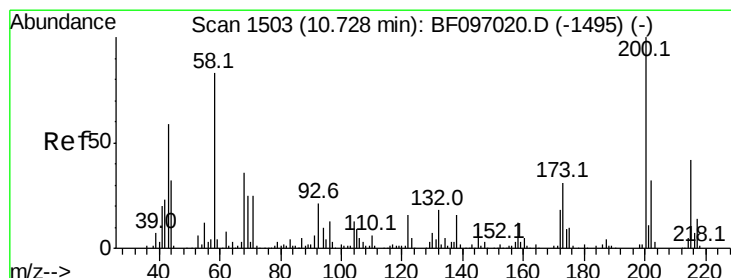
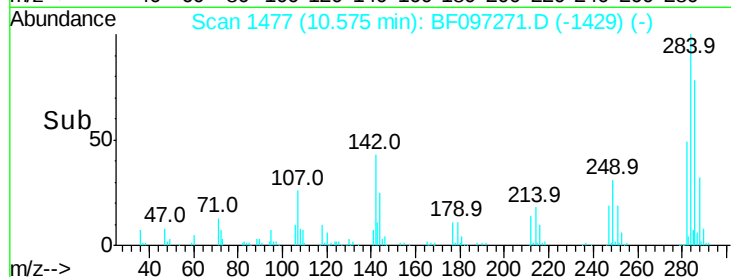
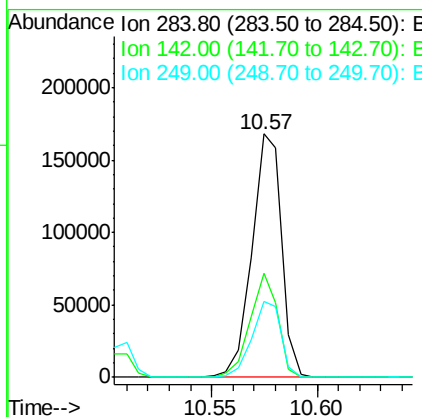
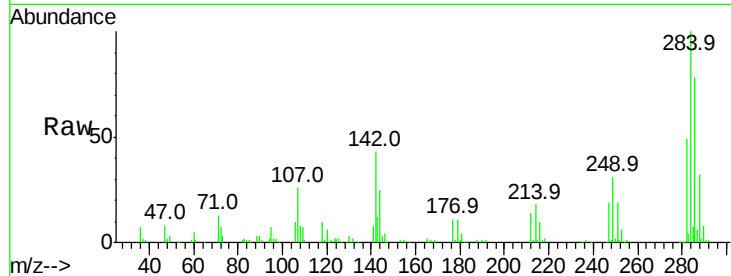
#67
Hexachlorobenzene
Concen: 38.854 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	164256		
142	42.7	22.8	34.2#	
249	31.3	24.0	36.0	

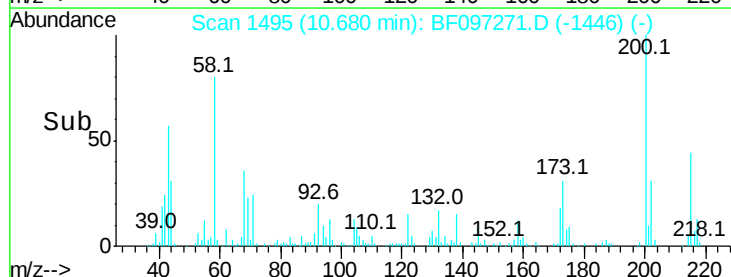
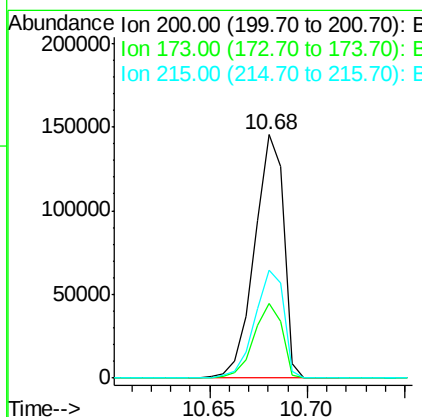
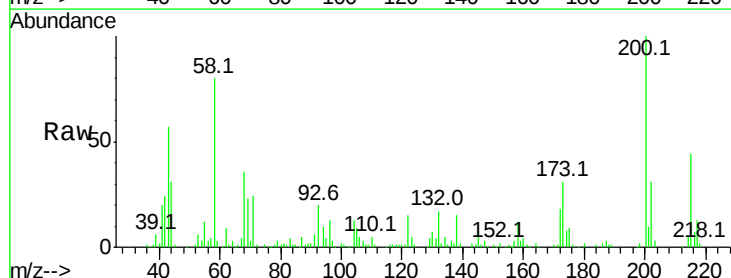
Manual Integrations
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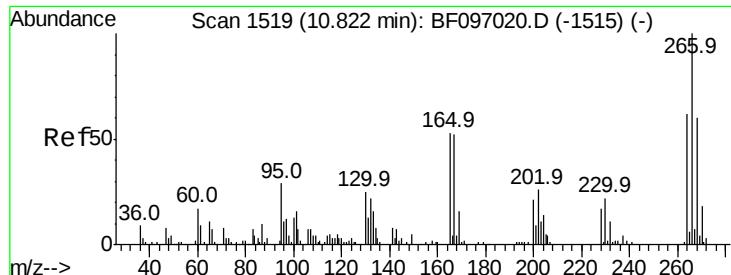
Sohil
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#68
Atrazine
Concen: 39.894 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150359		
173	30.6	6.3	46.3	
215	44.2	27.2	67.2	





#69

Pentachlorophenol

Concen: 34.825 ng

RT: 10.78 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:266 Resp: 60914

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

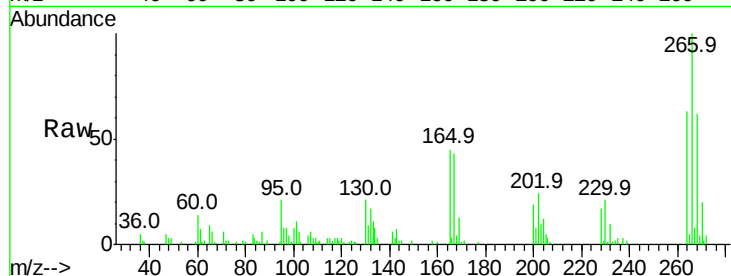
264 62.6 51.7 77.5

Manual Integrations

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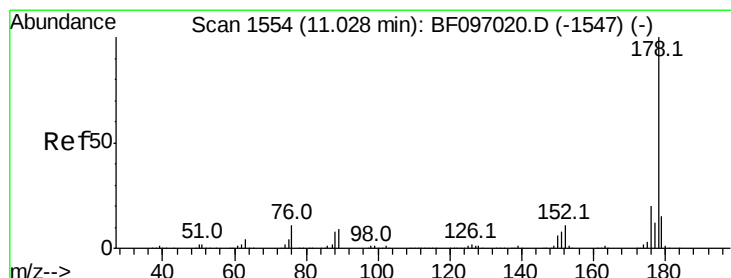
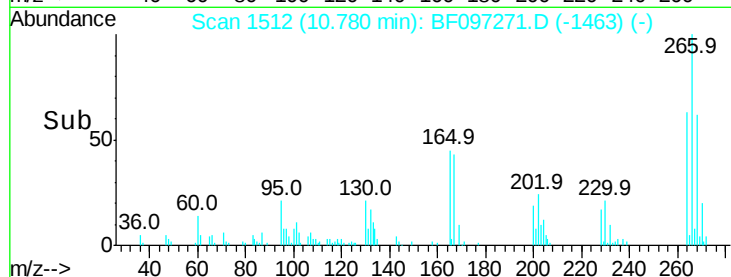
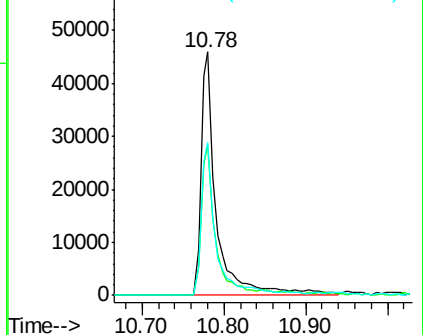
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.437 ng

RT: 10.98 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

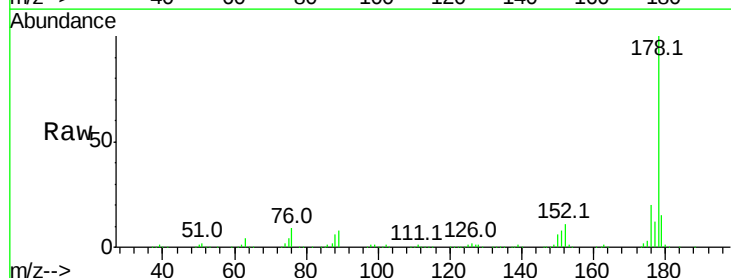
Tgt Ion:178 Resp: 777976

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

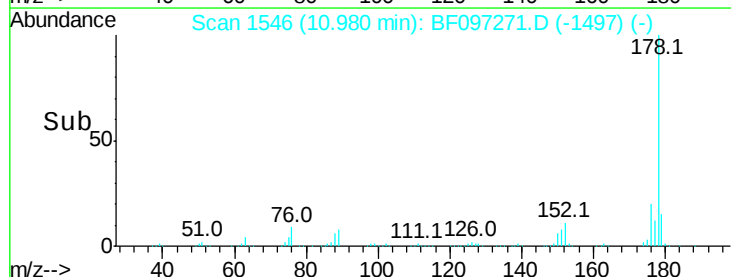
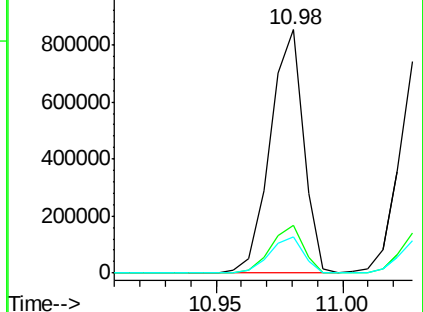
179 15.0 12.6 19.0

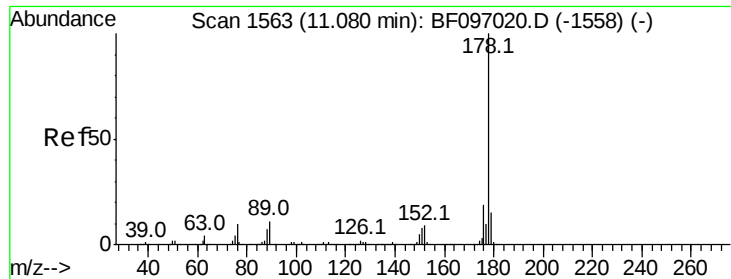


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.994 ng

RT: 11.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

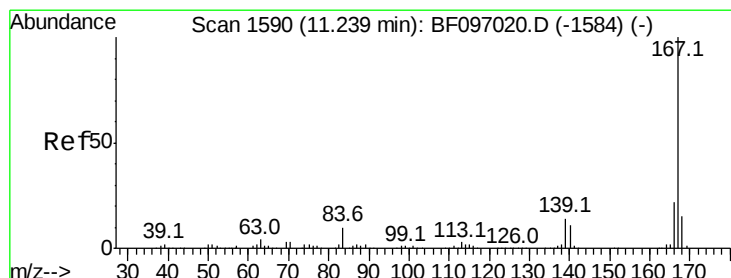
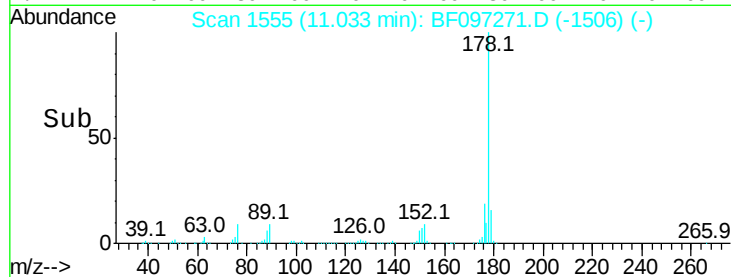
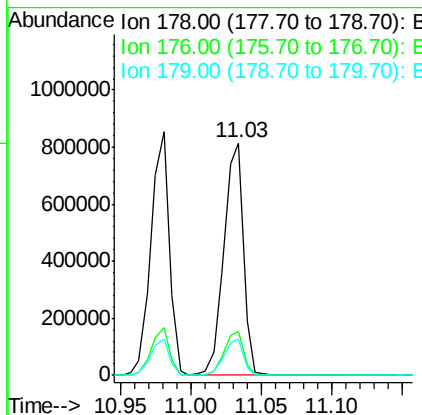
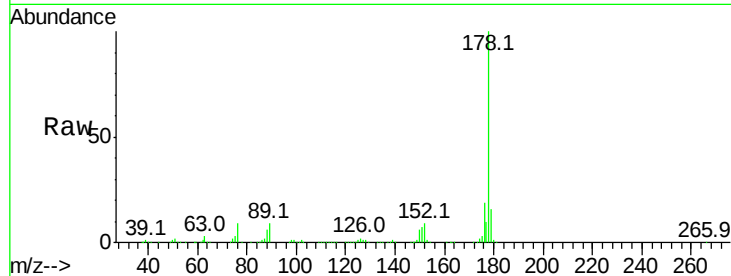
ClientSampleId :

SSTDCCC040

Tot Ion:	178	Resp:	787628
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.6	12.7	19.1

Manual Integrations
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#72

Carbazole

Concen: 38.738 ng

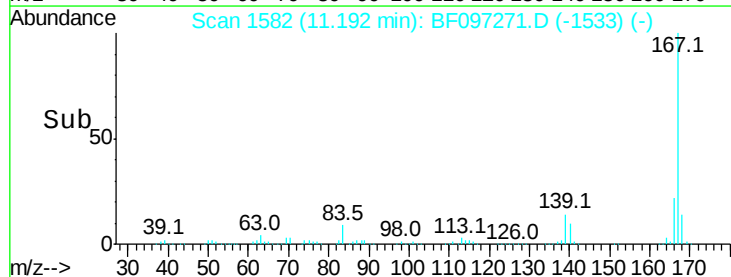
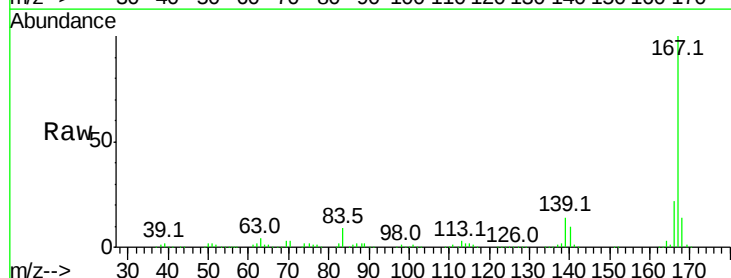
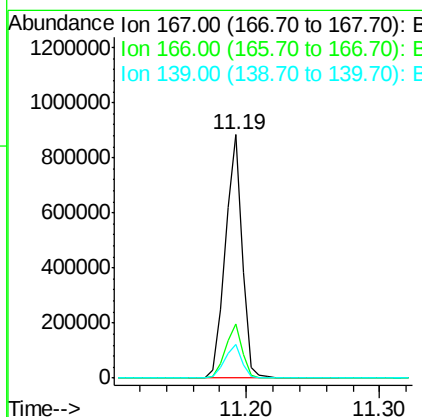
RT: 11.19 min Scan# 1582

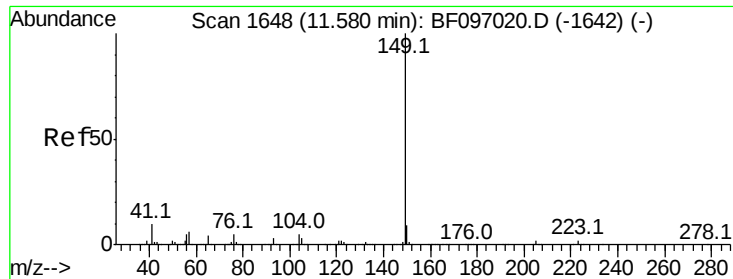
Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	167	Resp:	789777
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.1	27.1
139	14.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.551 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1021947

Ion Ratio Lower Upper

149 100

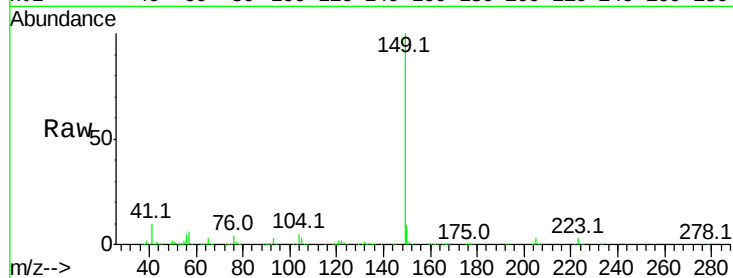
150 9.5 7.7 11.5

104 4.6 4.0 6.0

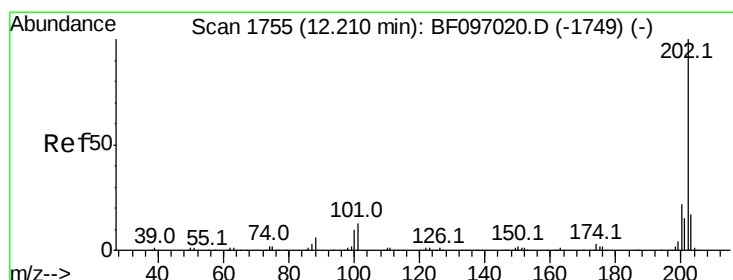
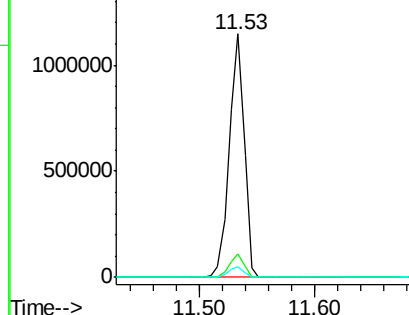
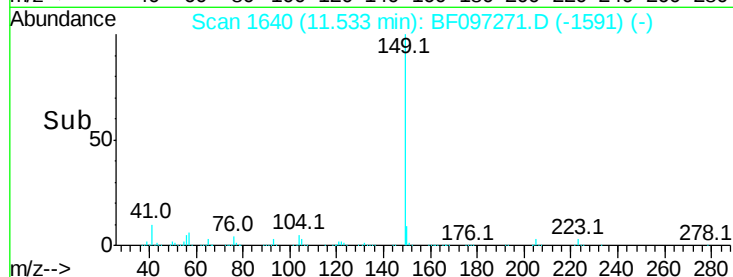
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.851 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

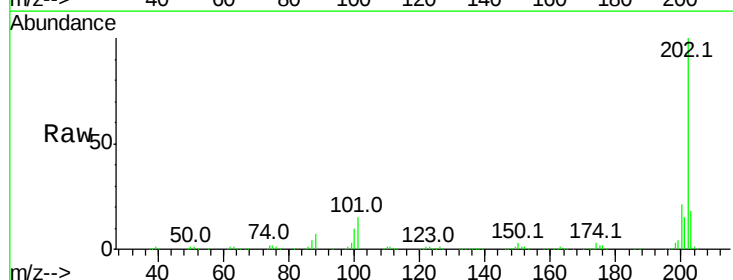
Tgt Ion:202 Resp: 790177

Ion Ratio Lower Upper

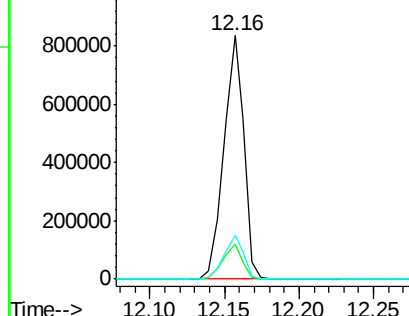
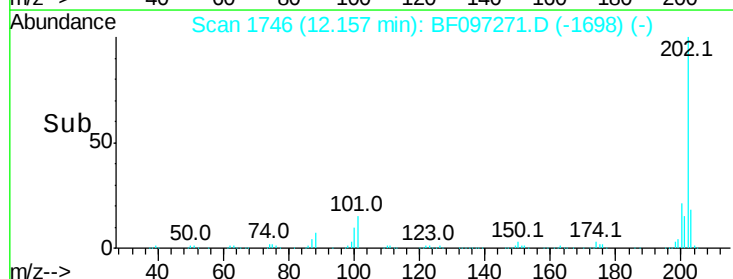
202 100

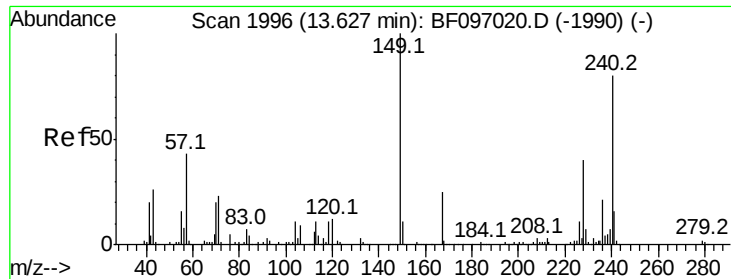
101 14.6 0.0 33.2

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 245579
Ion Ratio Lower Upper

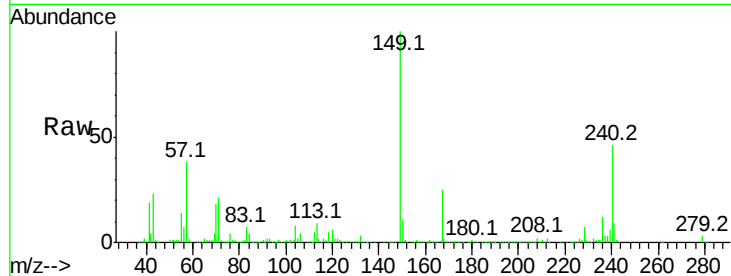
240 100

120 12.6 5.8 8.8#

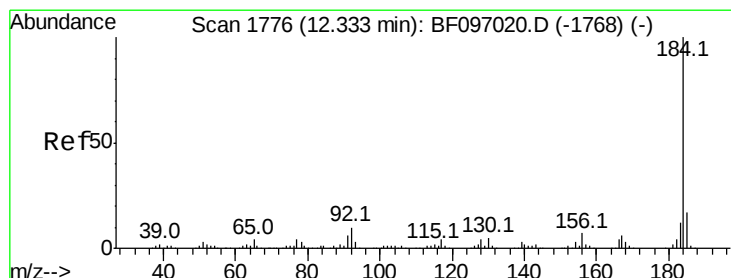
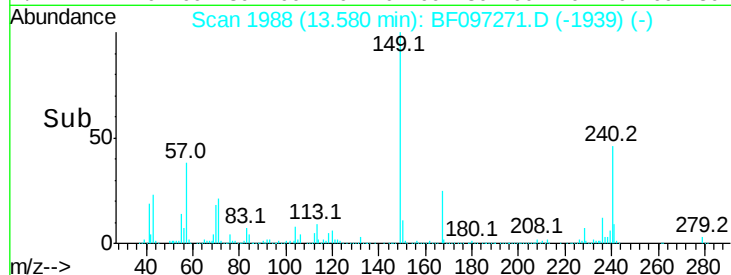
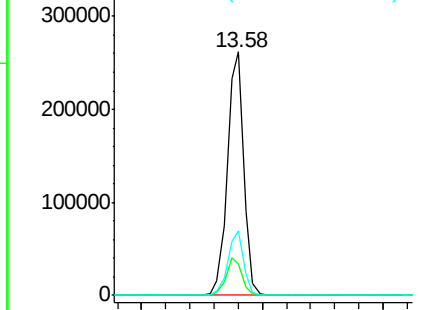
236 26.5 20.5 30.7

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.291 ng

RT: 12.29 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF097271.D

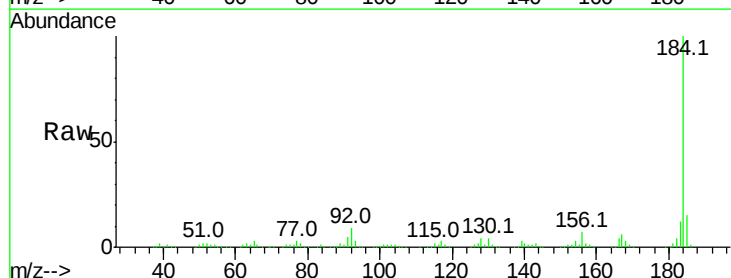
Acq: 2 Aug 2017 14:05

Tgt Ion:184 Resp: 321576
Ion Ratio Lower Upper

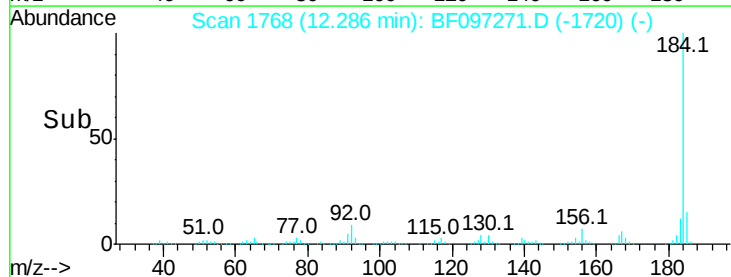
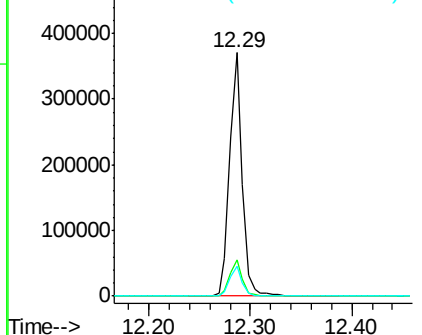
184 100

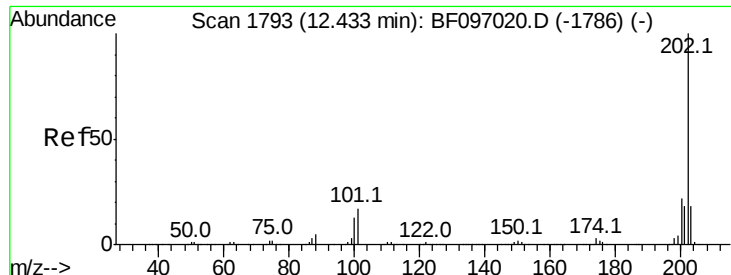
185 14.8 15.5 23.3#

183 12.0 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





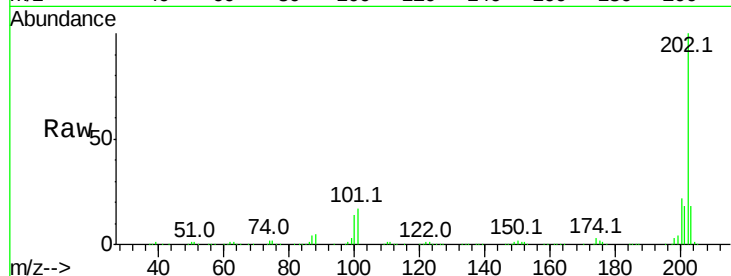
#77
Pvrene
Concen: 38.457 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.5	14.4	21.6

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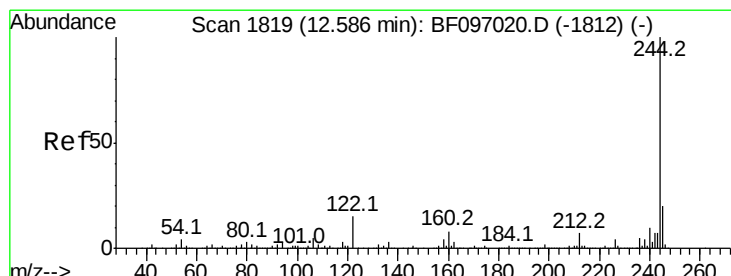
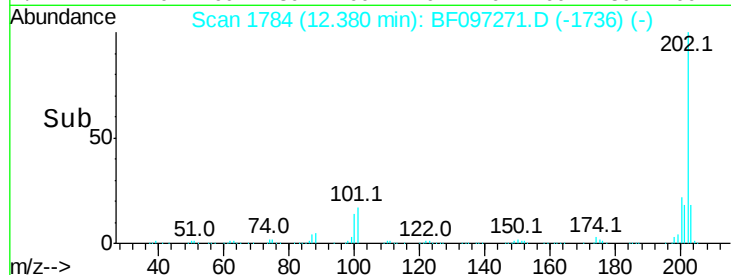
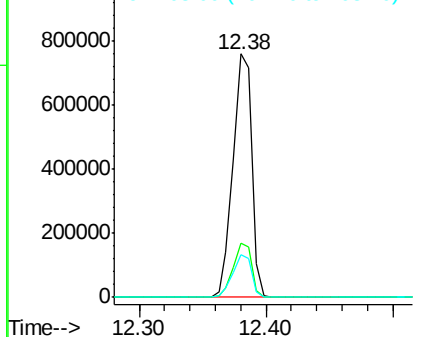


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 77.200 ng
RT: 12.54 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

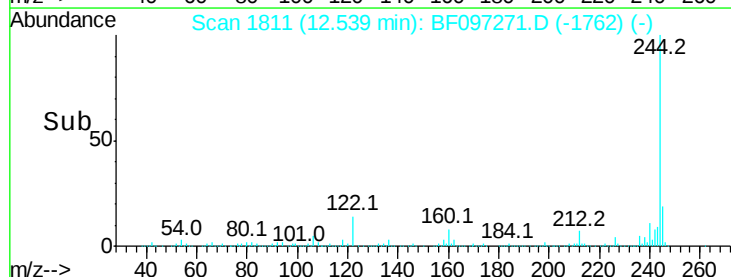
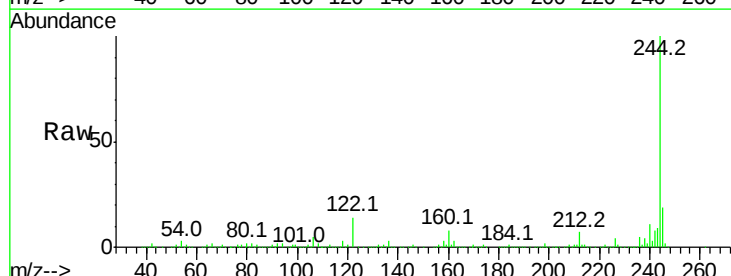
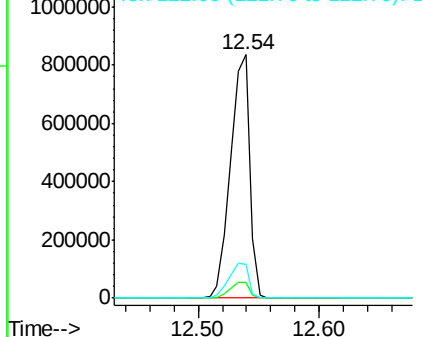
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.6	10.3	15.5

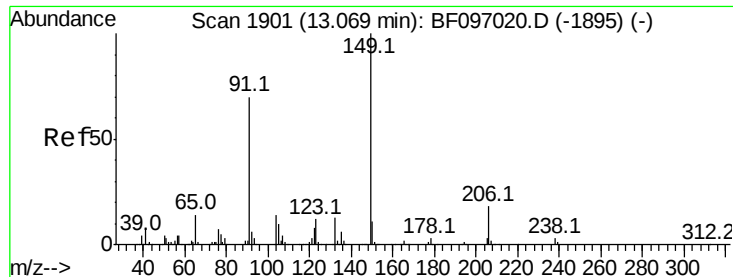
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





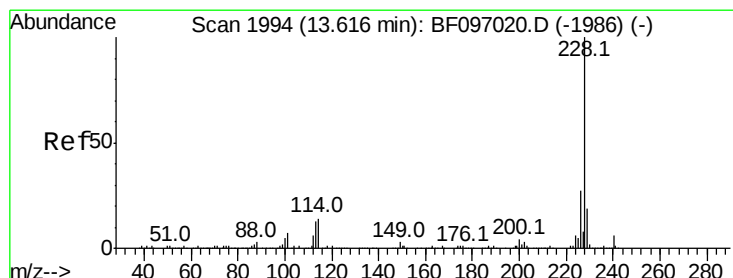
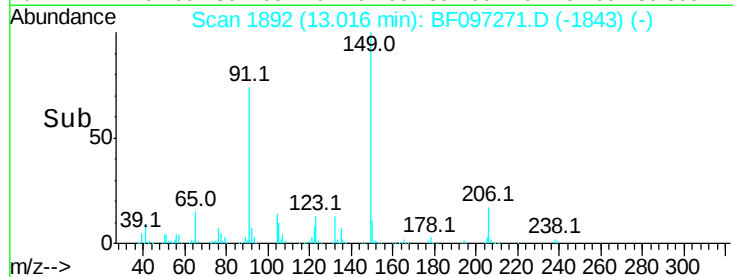
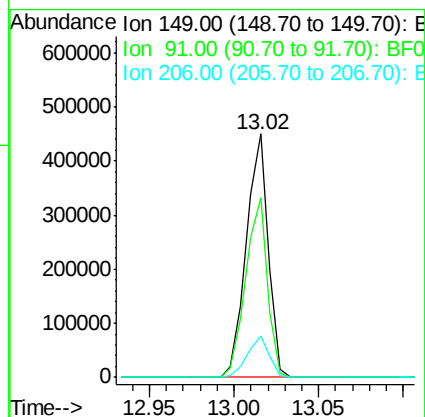
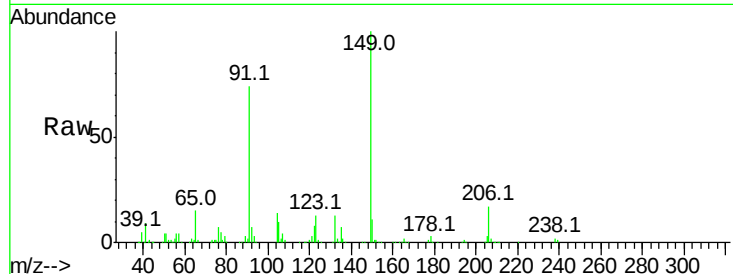
#79
Butylbenzylphthalate
Concen: 39.882 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	407867		
91	73.6	45.0	67.4#	
206	17.2	17.0	25.6	

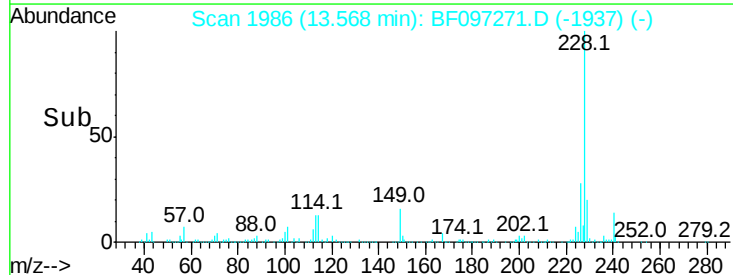
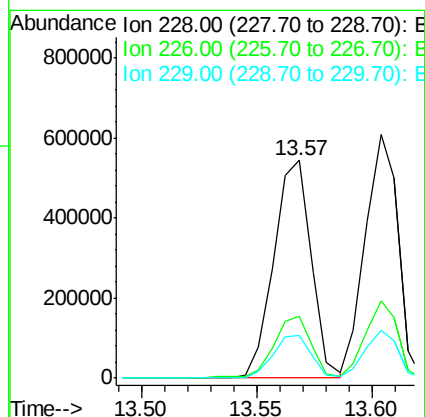
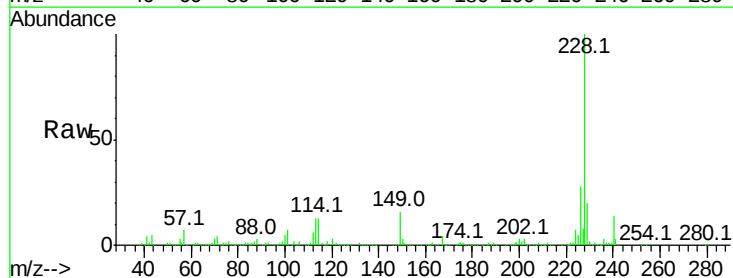
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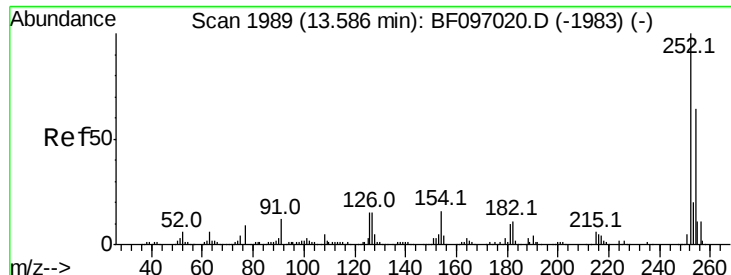
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#80
Benzo(a)anthracene
Concen: 38.392 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	610052		
226	28.2	22.6	33.8	
229	19.8	16.3	24.5	





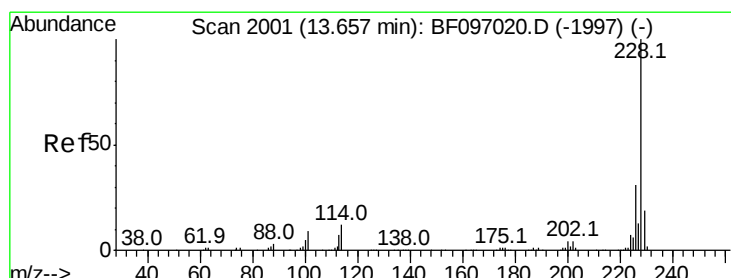
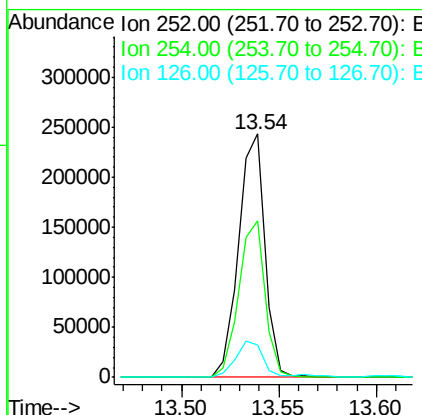
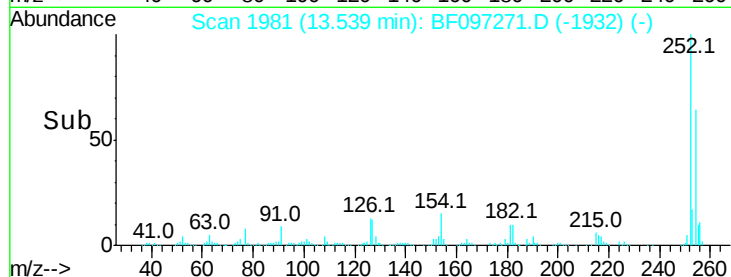
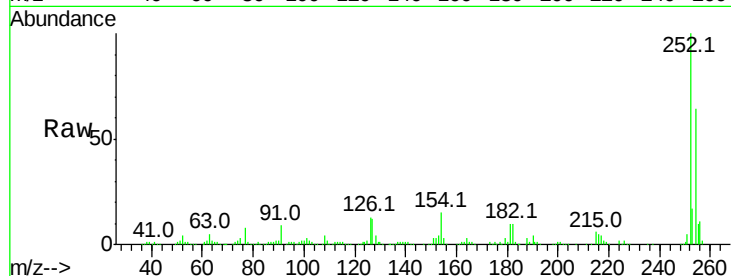
#81
 3,3'-Dichlorobenzidine
 Concen: 38.167 ng
 RT: 13.54 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.3	15.8	23.8

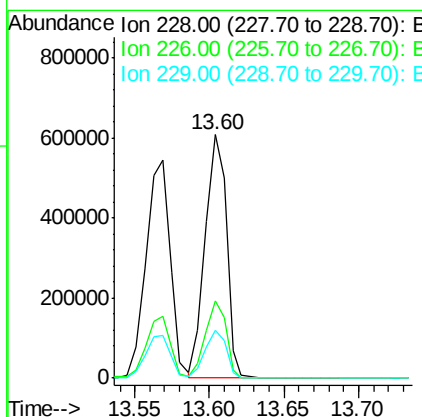
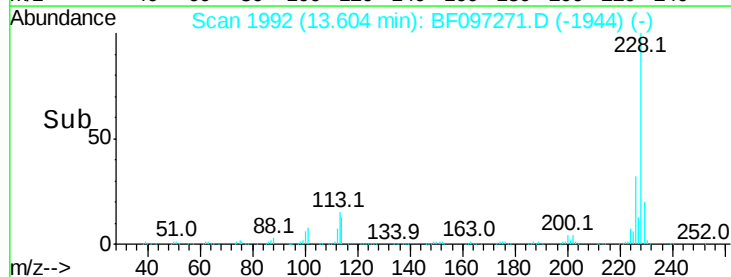
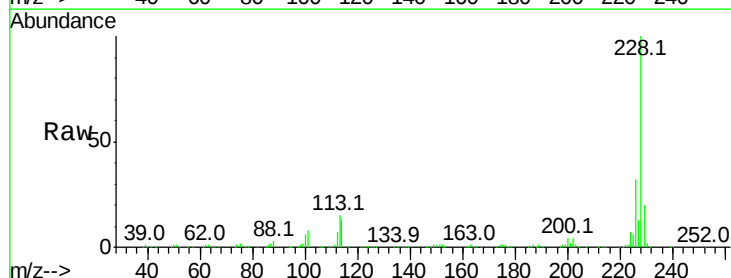
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#82
 Chrysene
 Concen: 38.825 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.7	15.8	23.6





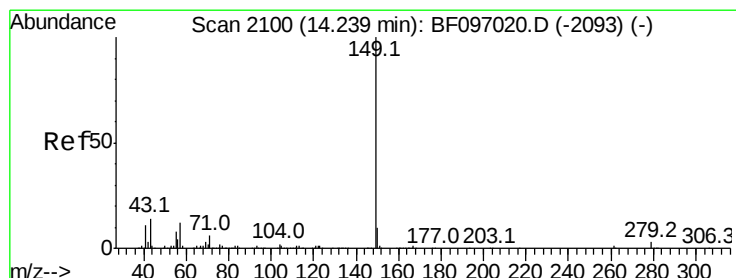
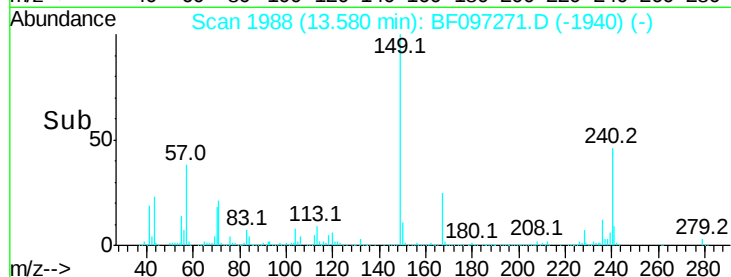
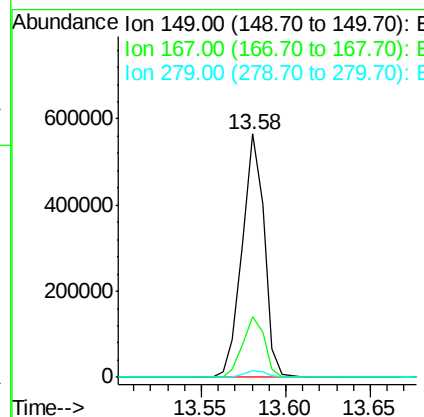
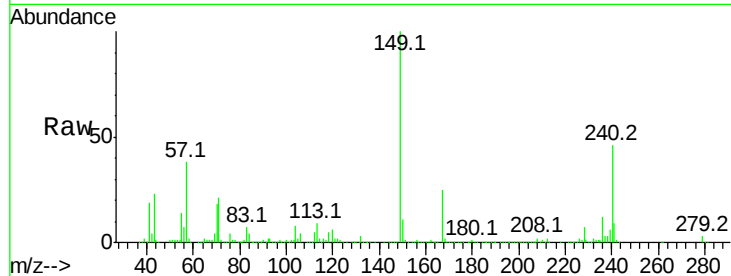
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.475 ng
 RT: 13.58 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	2.6	1.9	2.9

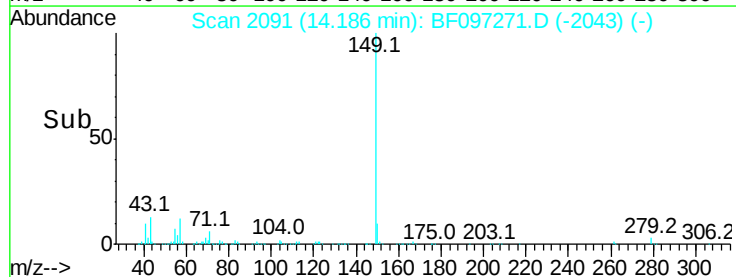
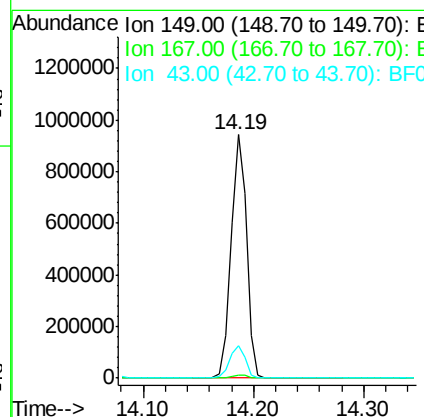
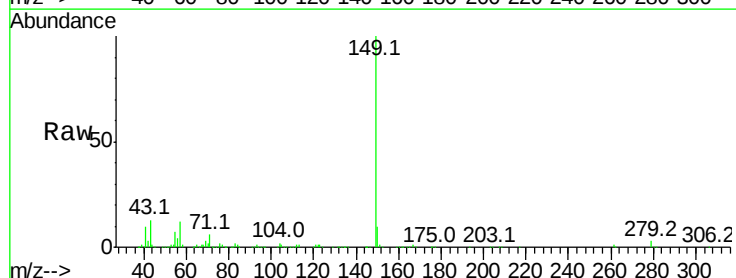
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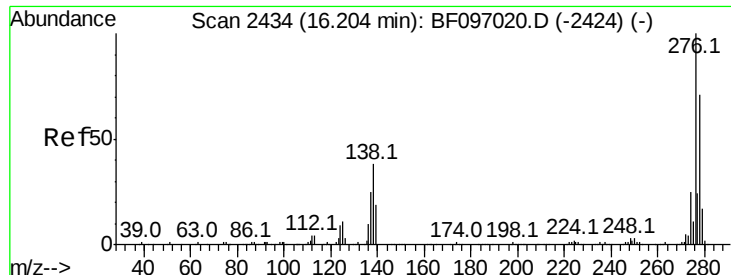
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#84
 Di-n-octyl phthalate
 Concen: 37.975 ng
 RT: 14.19 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.3	8.5	12.7#





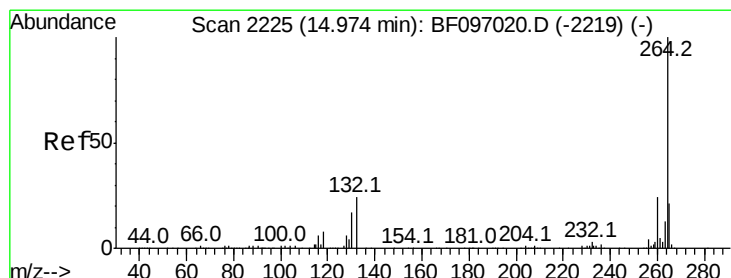
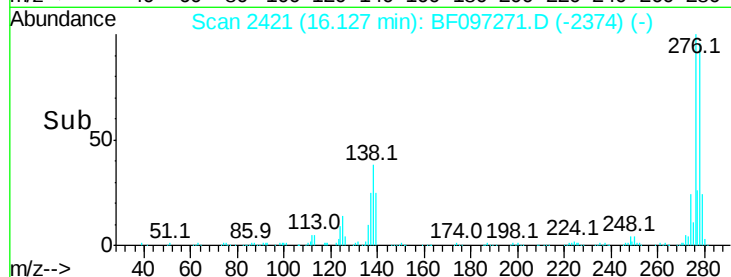
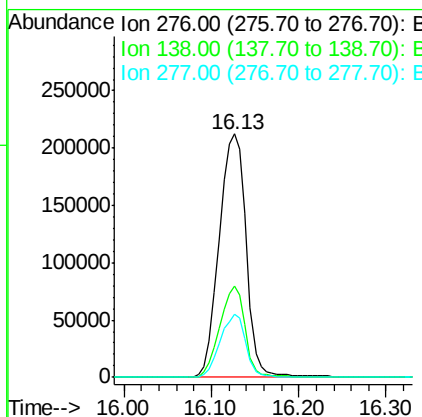
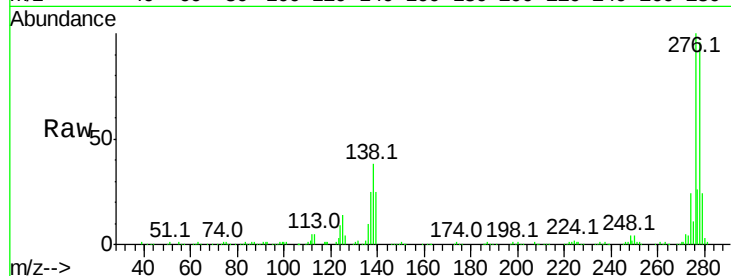
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.077 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	24.4	20.2	30.4

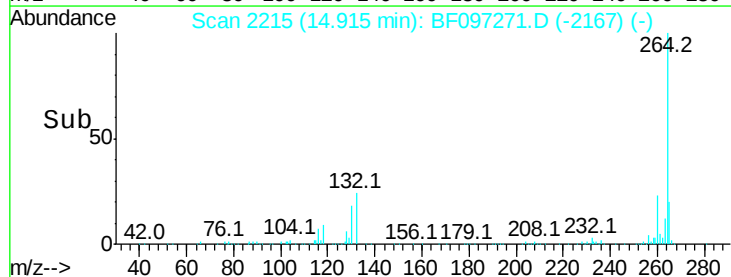
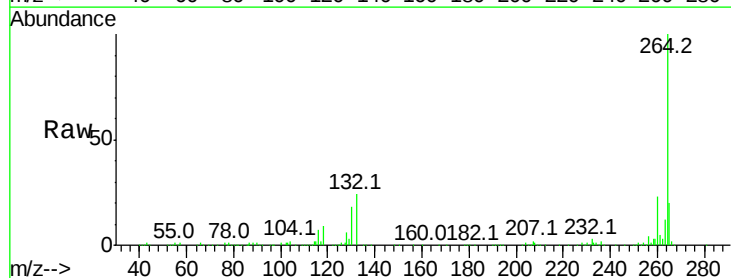
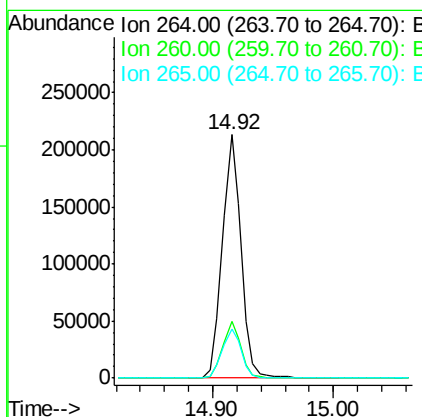
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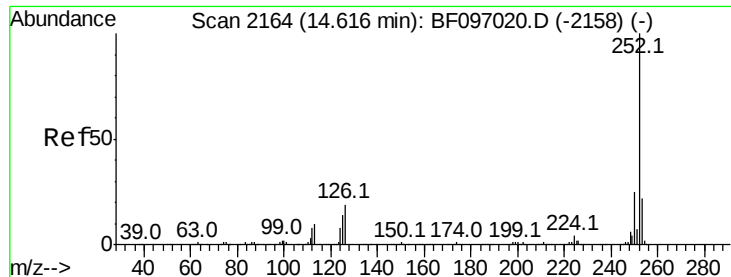
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.160 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

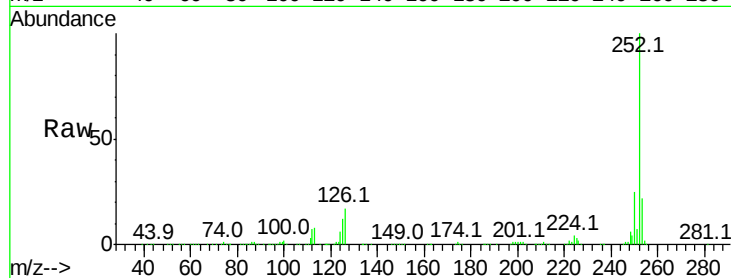
ClientSampleId :

SSTDCCC040

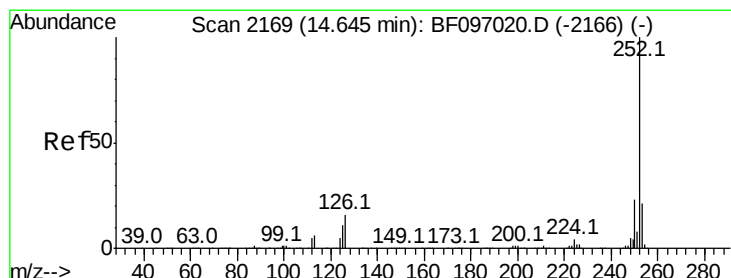
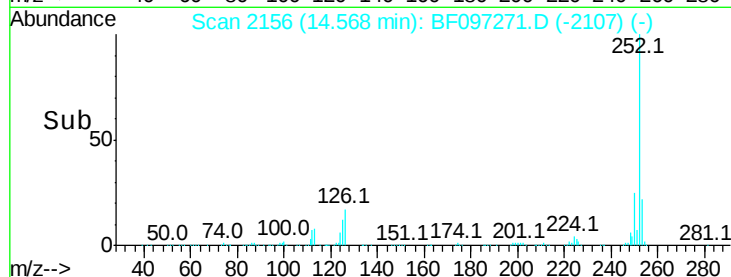
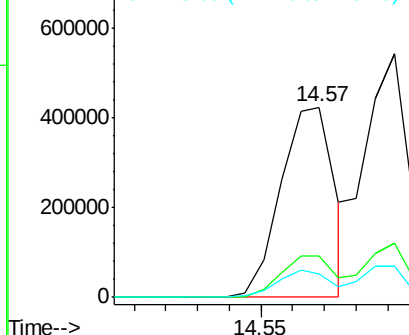
Tot Ion:	252	Resp:	494707
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	12.1	9.8	14.8

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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



#88

Benzo(k)fluoranthene

Concen: 40.202 ng

RT: 14.59 min Scan# 2160

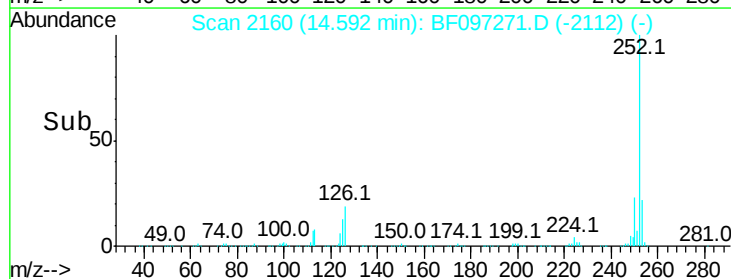
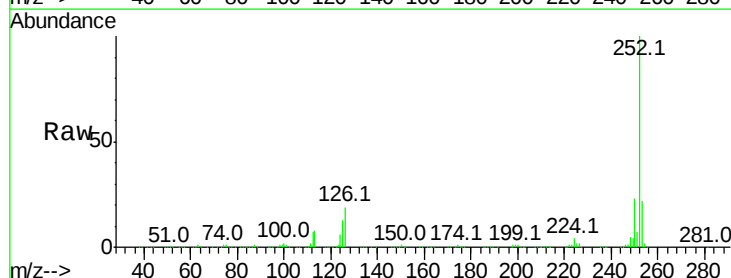
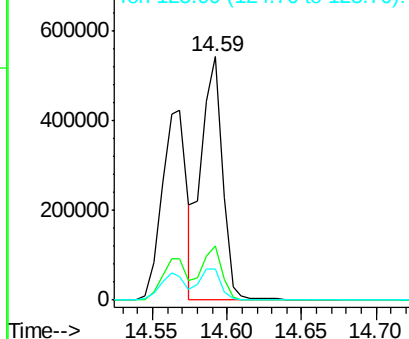
Delta R.T. -0.02 min

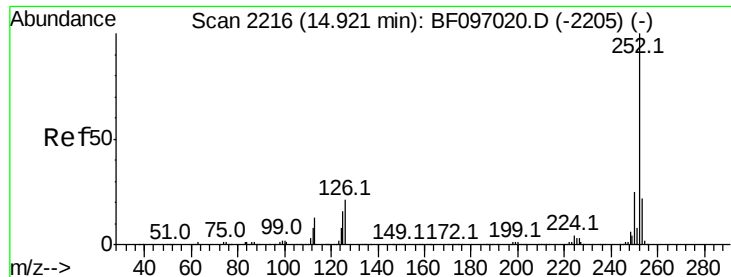
Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:	252	Resp:	524109
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	13.0	13.1	19.7#

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





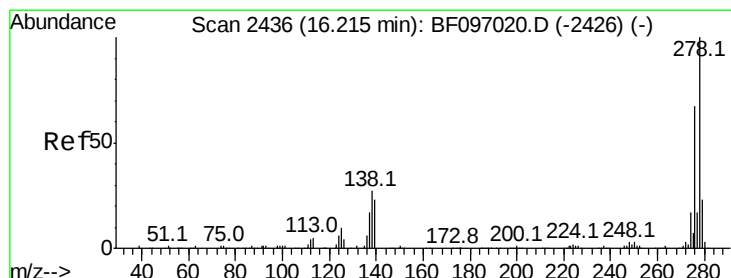
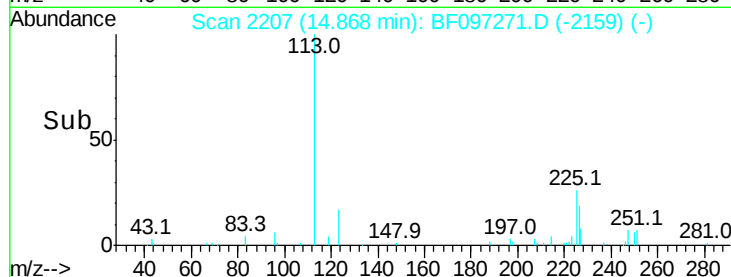
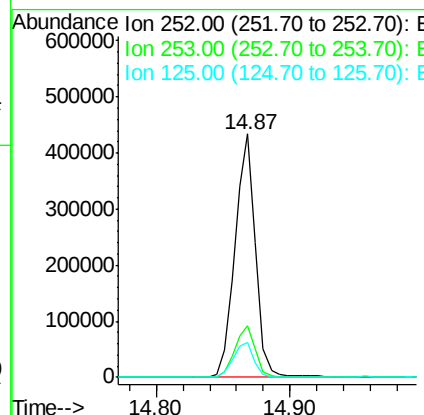
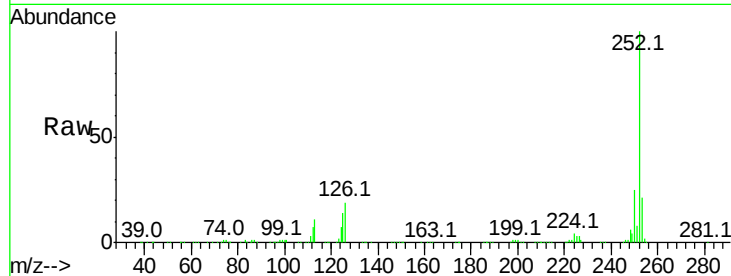
#89
Benzo(a)pyrene
Concen: 37.500 ng
RT: 14.87 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.3	11.0	16.4

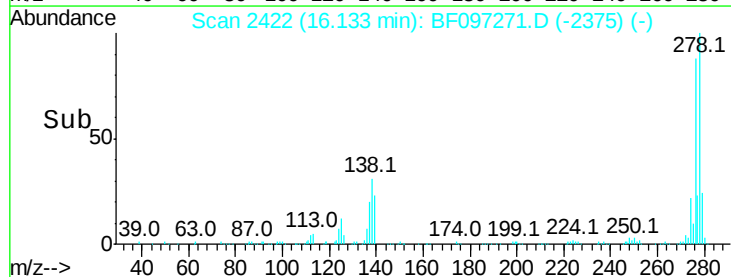
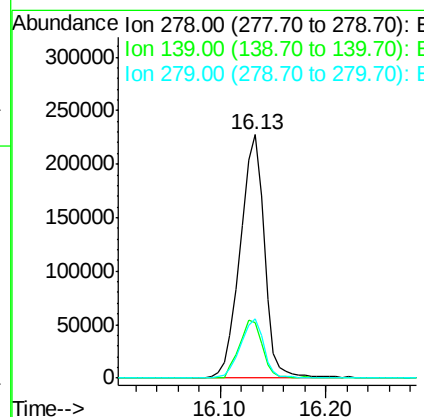
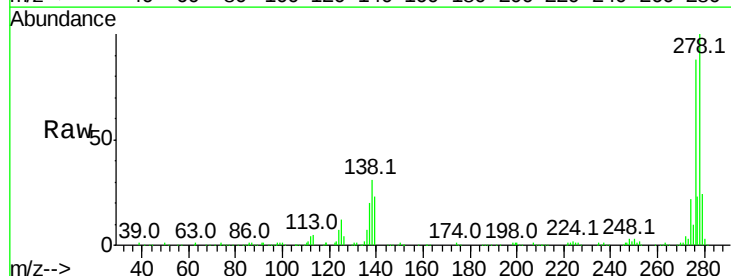
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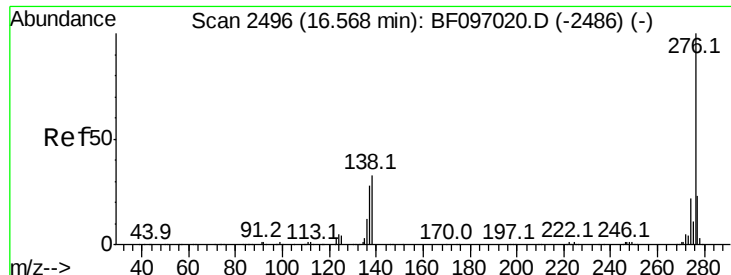
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.001 ng
RT: 16.13 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.539 ng
 RT: 16.48 min Scan# 2481
 Delta R.T. -0.03 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	31.4	25.4	38.0

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