

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097089.D
 Acq On : 26 Jul 2017 21:43
 Operator : SJ/JU
 Sample : I4400-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Manual Integrations
 APPROVED

Sohil

7/27/2017 12:31:30 PM

Quant Time: Jul 27 08:55:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100090	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	495688	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	219617	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	337237	20.00	ng	0.00
75) Chrysene-d12	13.63	240	196422	20.00	ng	0.00
86) Perylene-d12	14.97	264	180598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	756362	113.92	ng	0.00
7) Phenol-d6	6.17	99	992691	130.97	ng	0.00
23) Nitrobenzene-d5	7.07	82	608626	72.03	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	186407	107.43	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1084792	83.83	ng	0.00
78) Terphenyl-d14	12.59	244	818572	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	113850	41.090	ng	# 75
3) Pyridine	2.70	79	190150	22.412	ng	# 65
4) n-Nitrosodimethylamine	2.64	42	209494	44.571	ng	# 82
6) Aniline	6.16	93	283675	29.741	ng	# 80
8) 2-Chlorophenol	6.29	128	291219	41.020	ng	# 95
9) Benzaldehyde	6.04	77	109917	24.499	ng	# 98
10) Phenol	6.18	94	429960	47.822	ng	# 93
11) bis(2-Chloroethyl)ether	6.25	93	311689	43.833	ng	# 93
12) 1,3-Dichlorobenzene	6.43	146	315704	41.264	ng	# 98
13) 1,4-Dichlorobenzene	6.51	146	320432	42.261	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	286030	43.205	ng	# 98
15) Benzyl Alcohol	6.66	79	227980	47.506	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	578018	40.527	ng	# 69
17) 2-Methylphenol	6.78	107	227344	41.491	ng	# 91
18) Hexachloroethane	7.00	117	117036	42.192	ng	# 80
19) n-Nitroso-di-n-propylamine	6.93	70	227208	45.539	ng	# 84
20) 3+4-Methylphenols	6.94	107	323660	45.227	ng	# 63
22) Acetophenone	6.92	105	450726	37.864	ng	# 97
24) Nitrobenzene	7.09	77	326390	37.089	ng	# 94
25) Isophorone	7.33	82	698917	42.237	ng	# 97
26) 2-Nitrophenol	7.40	139	171611	36.045	ng	# 89
27) 2,4-Dimethylphenol	7.46	122	300842	38.306	ng	# 96
28) bis(2-Chloroethoxy)methane	7.55	93	472422	43.748	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	272713	40.308	ng	# 95
30) 1,2,4-Trichlorobenzene	7.73	180	272279	42.220	ng	# 98
31) Naphthalene	7.80	128	1027164	43.959	ng	# 99
33) 4-Chloroaniline	7.86	127	337826	35.532	ng	# 95
34) Hexachlorobutadiene	7.93	225	138912	40.631	ng	# 100
35) Caprolactam	8.23	113	60448m	27.863	ng	# 90
36) 4-Chloro-3-methylphenol	8.36	107	312563	42.345	ng	# 99
37) 2-Methylnaphthalene	8.49	142	667955	45.149	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	223754	38.184	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	163507	79.810	ng	# 99
42) 2,4,6-Trichlorophenol	8.78	196	143304	33.746	ng	# 98

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Sohil

7/27/2017 12:31:30 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.83	196	145536	34.240	nq	98
45) 1,1'-Biphenyl	8.96	154	699277	37.278	nq	98
46) 2-Chloronaphthalene	8.98	162	546314	39.577	nq	# 93
47) 2-Nitroaniline	9.09	65	207082	41.336	nq	93
48) Acenaphthylene	9.39	152	843198	39.796	nq	98
49) Dimethylphthalate	9.27	163	824179	49.419	nq	100
50) 2,6-Dinitrotoluene	9.33	165	147670	41.748	nq	# 74
51) Acenaphthene	9.56	154	509854	40.852	nq	98
52) 3-Nitroaniline	9.50	138	159224	36.266	nq	87
53) 2,4-Dinitrophenol	9.62	184	9389	5.838	nq	# 78
54) Dibenzofuran	9.73	168	691238	41.581	nq	98
55) 4-Nitrophenol	9.69	139	150289	57.561	nq	# 69
56) 2,4-Dinitrotoluene	9.73	165	166687	40.993	nq	# 53
57) Fluorene	10.07	166	538710	43.116	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	105784	36.045	nq	99
59) Diethylphthalate	9.97	149	632639	41.348	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	218304	42.312	nq	100
61) 4-Nitroaniline	10.11	138	179036	42.916	nq	91
62) Azobenzene	10.23	77	639230	45.035	nq	91
64) 4,6-Dinitro-2-methylphenol	10.15	198	45004	21.476	nq	88
65) n-Nitrosodiphenylamine	10.19	169	507848	43.281	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	158275	47.028	nq	98
67) Hexachlorobenzene	10.62	284	164526	43.594	nq	# 88
68) Atrazine	10.73	200	163993	48.739	nq	94
69) Pentachlorophenol	10.82	266	75295	48.218	nq	98
70) Phenanthrene	11.03	178	813754	45.035	nq	98
71) Anthracene	11.08	178	809486	43.740	nq	100
72) Carbazole	11.24	167	837966	46.039	nq	99
73) Di-n-butylphthalate	11.58	149	1053139	46.809	nq	99
74) Fluoranthene	12.21	202	790866	44.678	nq	98
76) Benzidine	12.33	184	58472	8.023	nq	# 94
77) Pyrene	12.43	202	774315	48.153	nq	99
79) Butylbenzylphthalate	13.07	149	372233	45.507	nq	# 85
80) Benzo(a)anthracene	13.62	228	553948	43.586	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	167226	34.891	nq	# 95
82) Chrysene	13.66	228	522868	42.132	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	489421	45.826	nq	99
84) Di-n-octyl phthalate	14.24	149	854960	43.623	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.21	276	509033	47.835	nq	97
87) Benzo(b)fluoranthene	14.62	252	463247	42.671	nq	98
88) Benzo(k)fluoranthene	14.64	252	453043m	43.794	nq	
89) Benzo(a)pyrene	14.93	252	440010	44.285	nq	100
90) Dibenzo(a,h)anthracene	16.22	278	413892	50.798	nq	# 95
91) Benzo(g,h,i)perylene	16.57	276	428392	50.137	nq	99

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

```
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Sample    : I4400-03MSD
Misc      :
ALS Vial  : 10      Sample Multiplier: 1
```

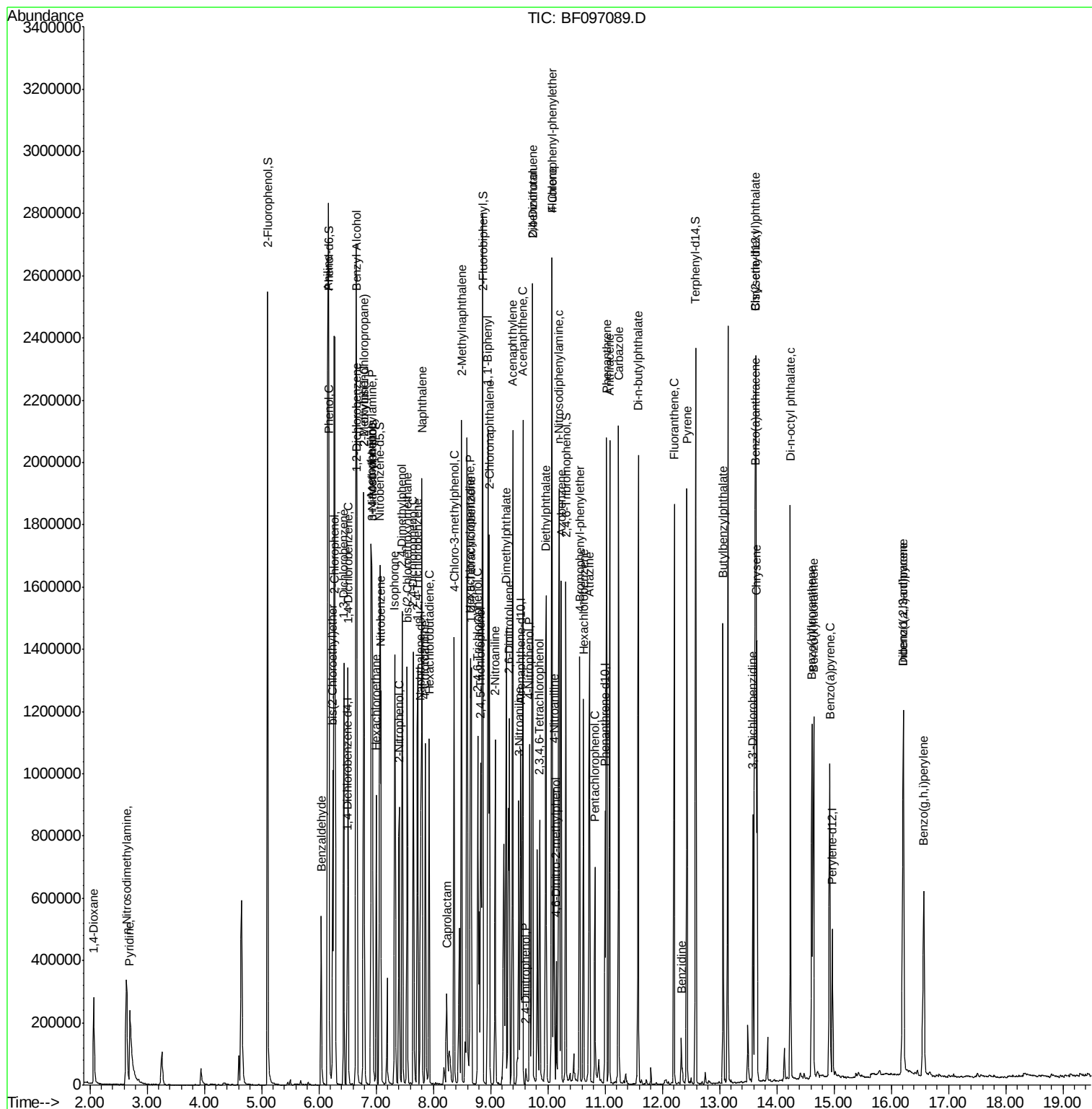
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

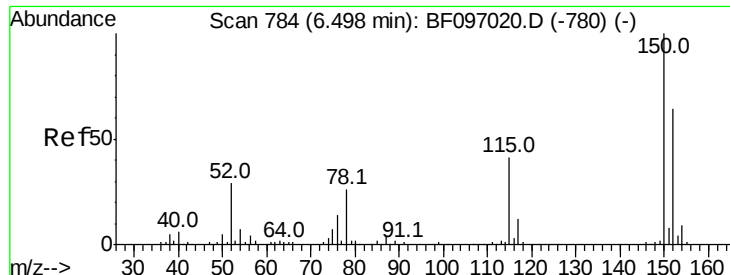
Manual Integrations APPROVED

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

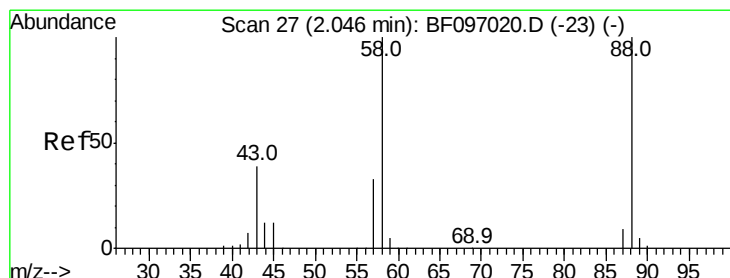
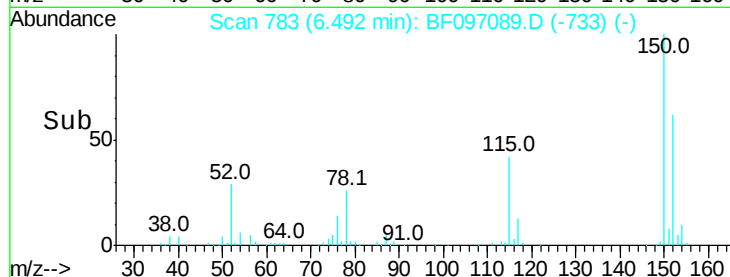
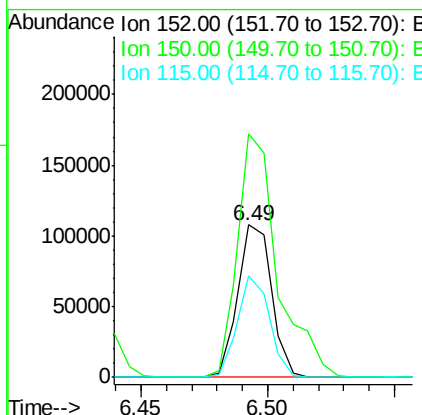
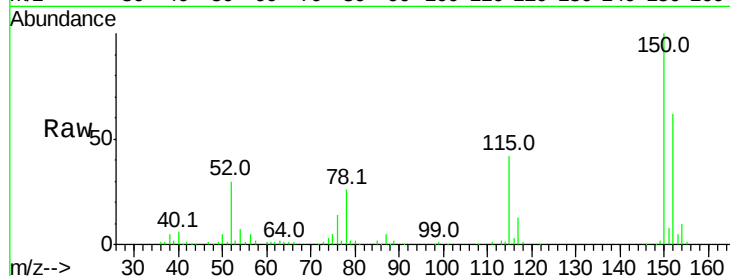
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	66.5	52.2	78.2

Manual Integrations
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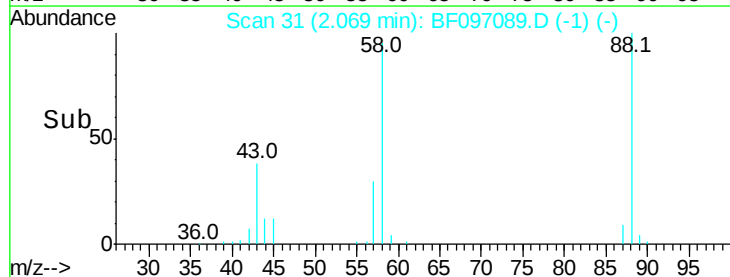
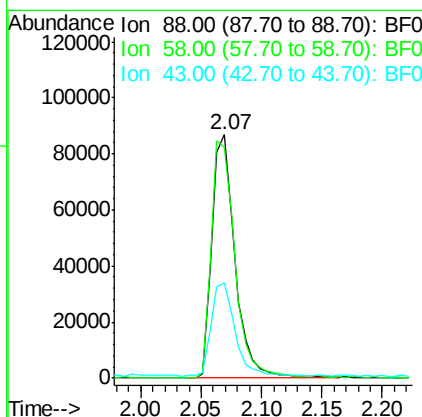
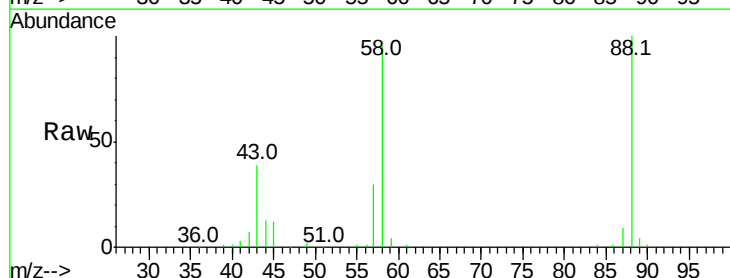
7/27/2017 12:31:30 PM

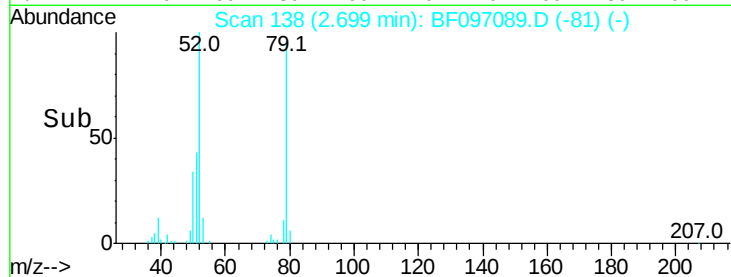
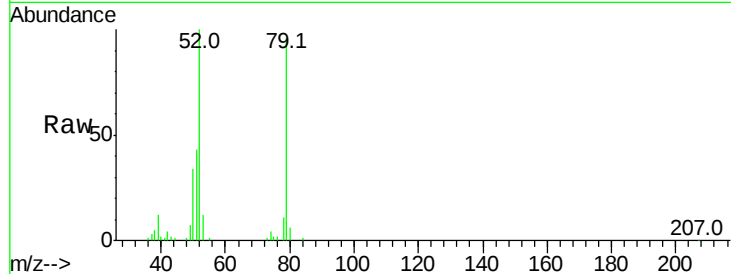
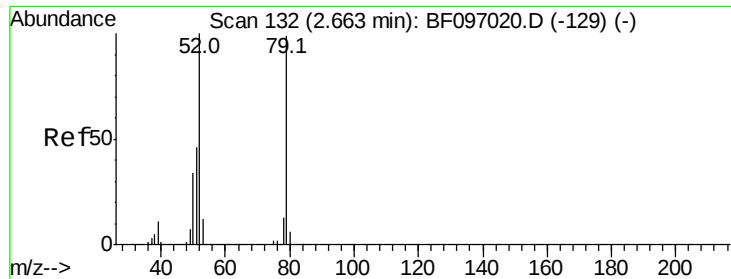


#2

1,4-Dioxane
Concen: 41.090 ng
RT: 2.07 min Scan# 31
Delta R.T. 0.02 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	61.4	92.0#
43	39.3	23.4	35.0#





#3
Pvridine
Concen: 22.412 ng
RT: 2.70 min Scan# 138
Delta R.T. 0.04 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

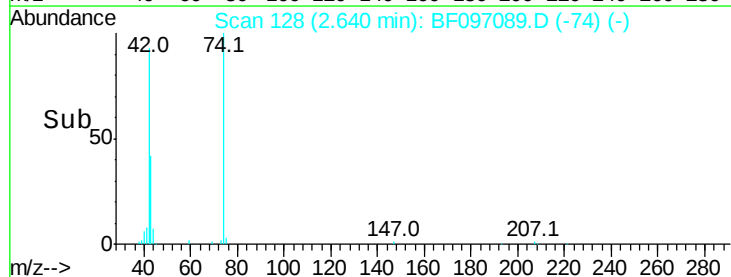
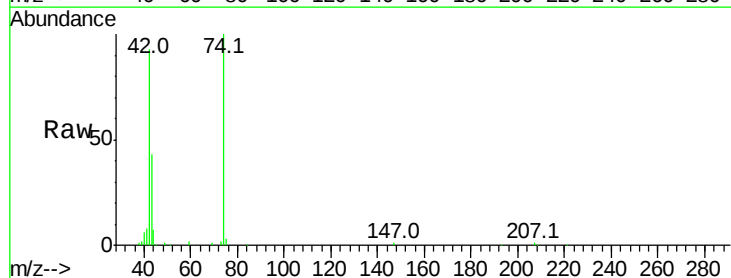
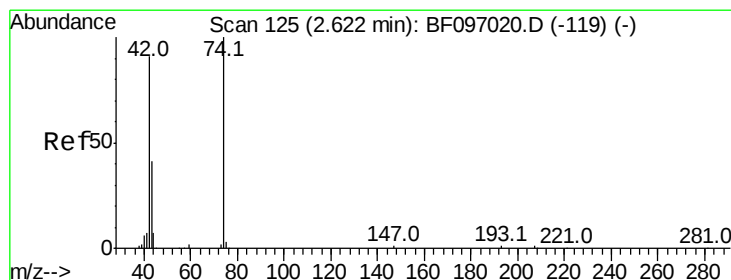
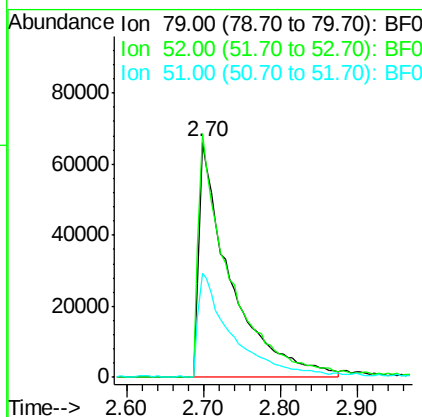
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.7	54.8	82.2#		
51	44.5	27.0	40.4#		

Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Manual Integrations
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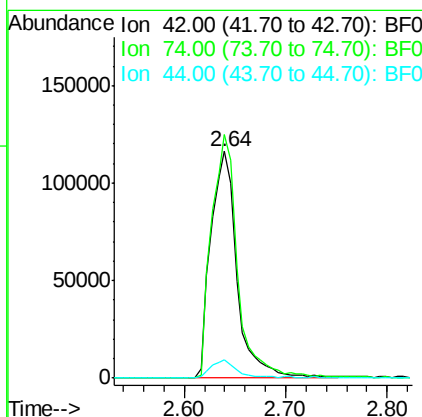
Sohil

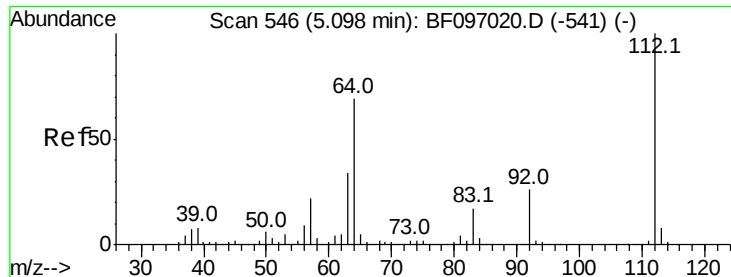
7/27/2017 12:31:30 PM



#4
n-Nitrosodimethylamine
Concen: 44.571 ng
RT: 2.64 min Scan# 128
Delta R.T. 0.02 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.4	103.9	155.9		
44	7.9	5.7	8.5		





#5

2-Fluorophenol

Concen: 113.918 ng

RT: 5.10 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

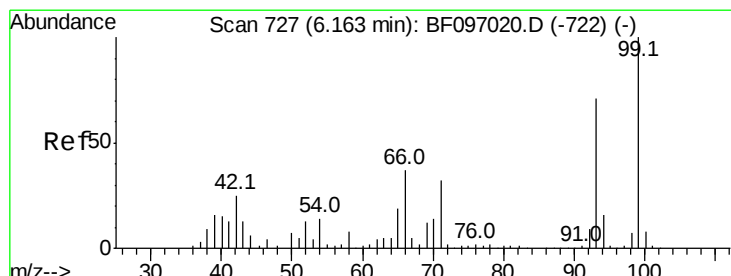
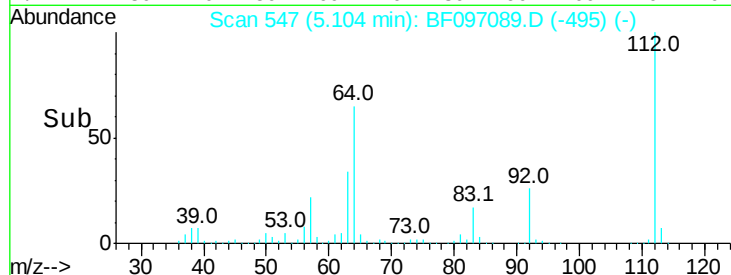
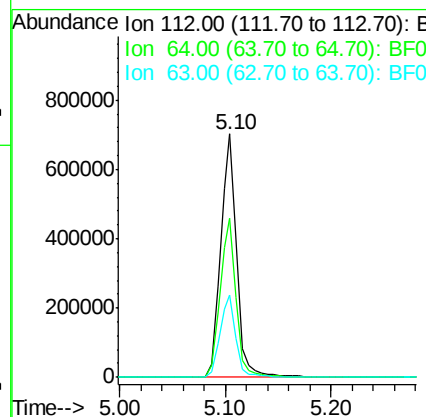
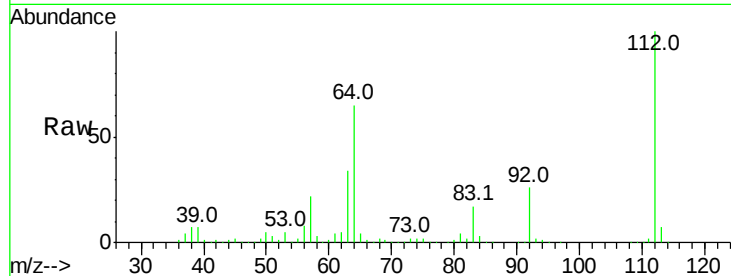
SB02AMSD

Tot Ion:	112	Resp:	756362
Ion Ratio	Lower	Upper	
112	100		
64	65.2	46.0	69.0
63	33.6	23.4	35.0

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#6

Aniline

Concen: 29.741 ng

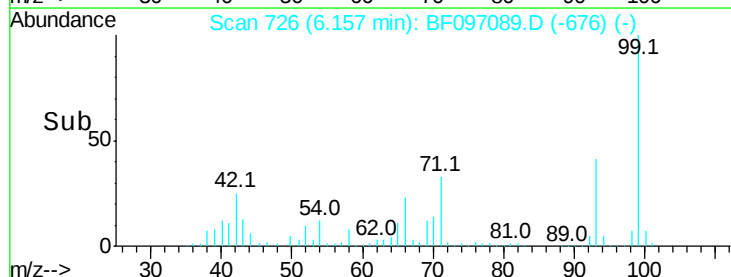
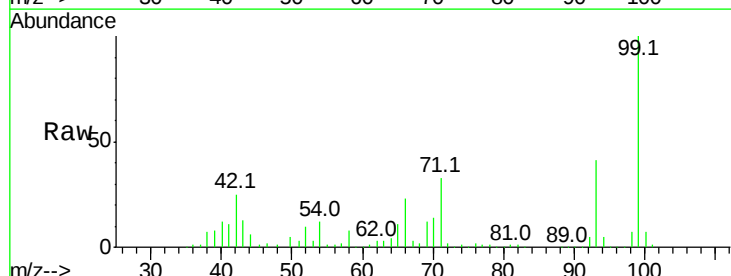
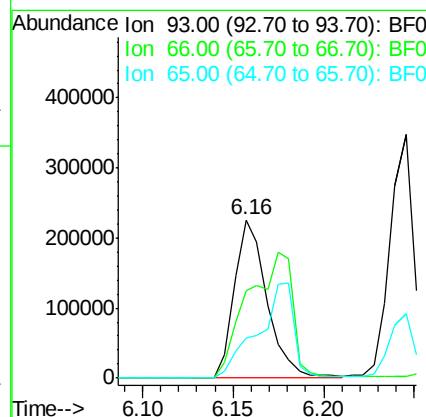
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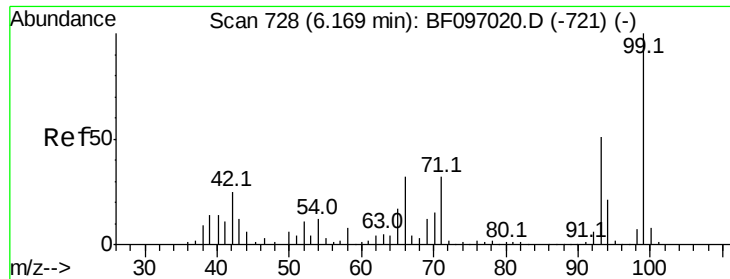
Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	93	Resp:	283675
Ion Ratio	Lower	Upper	
93	100		
66	55.8	32.9	49.3#
65	25.7	16.0	24.0#





#7

Phenol-d6

Concen: 130.965 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

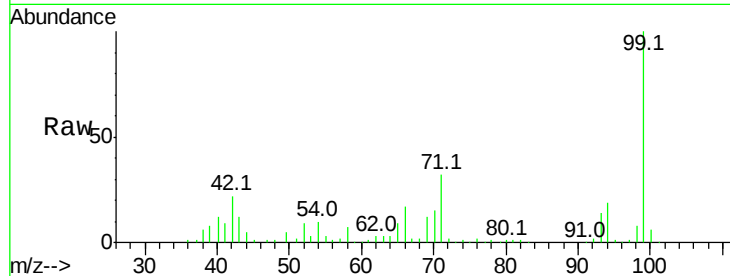
SB02AMSD

Tot Ion:	99	Resp:	992691
Ion Ratio	Lower	Upper	
99	100		
42	22.3	13.5	20.3#
71	32.5	24.5	36.7

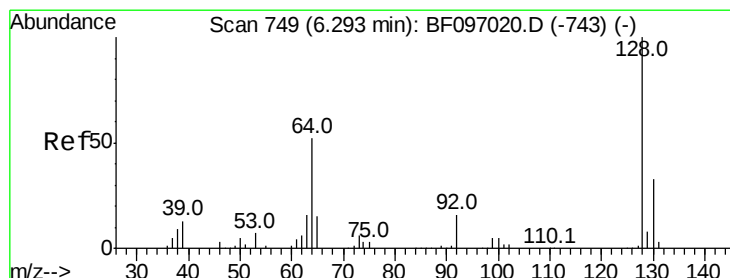
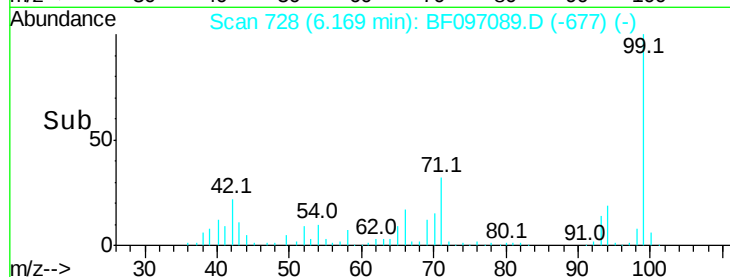
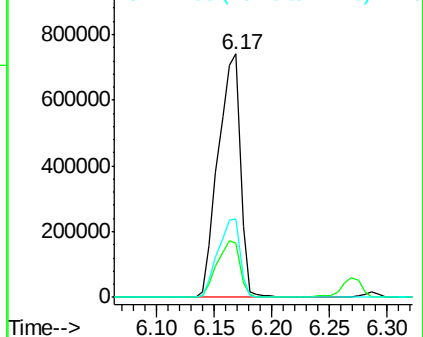
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.020 ng

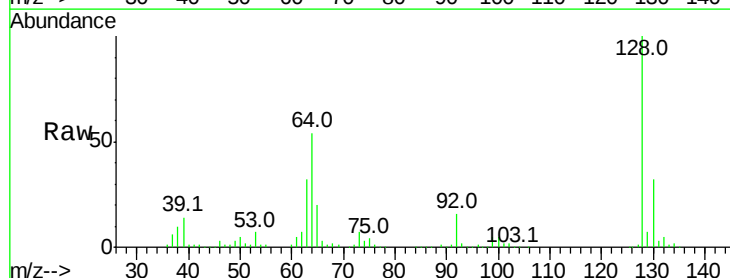
RT: 6.29 min Scan# 748

Delta R.T. -0.01 min

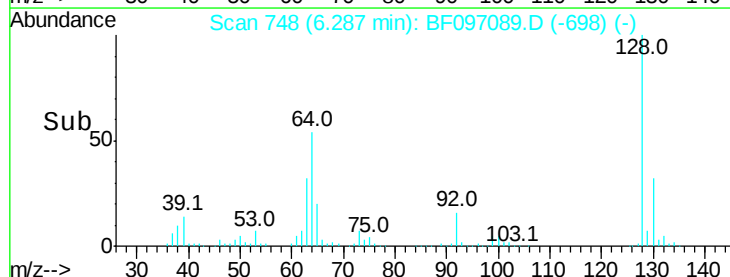
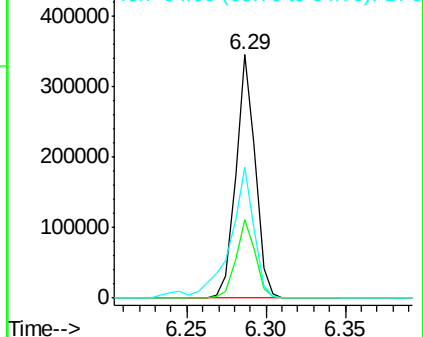
Lab File: BF097089.D

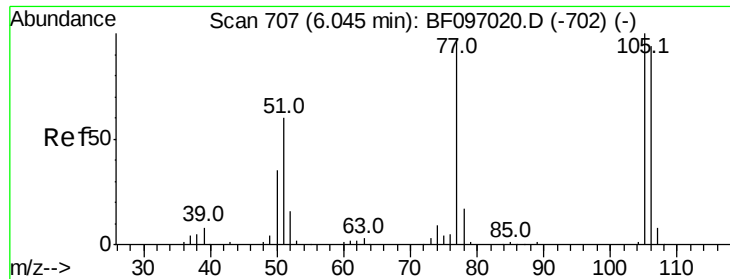
Acq: 26 Jul 2017 21:43

Tgt Ion:	128	Resp:	291219
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	53.5	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9
Benzaldehyde
Concen: 24.499 ng
RT: 6.04 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

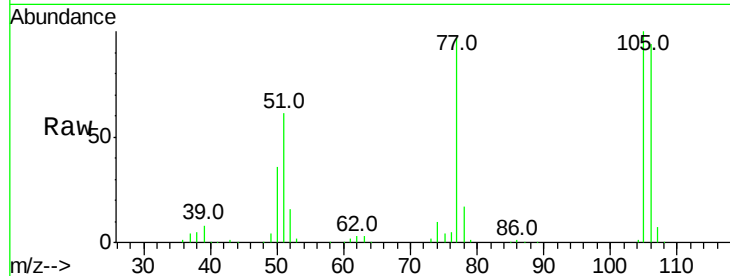
Instrument :
BNA_F
ClientSampled :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.7	83.8	123.8
106	97.0	79.1	119.1

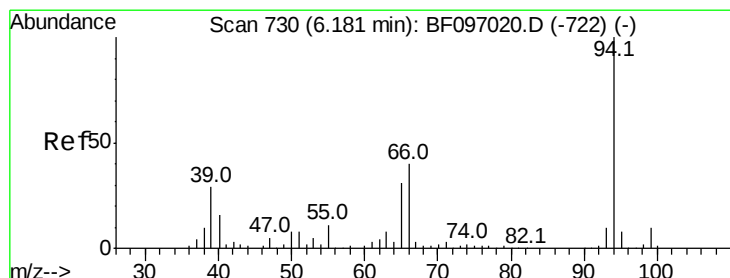
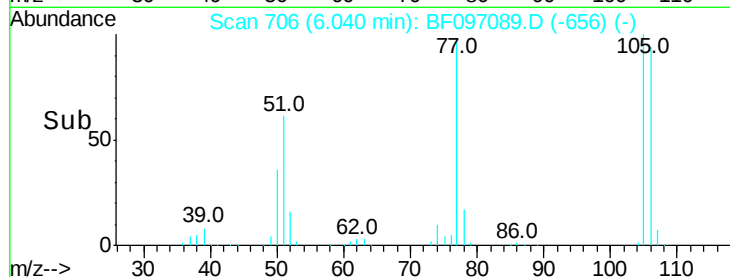
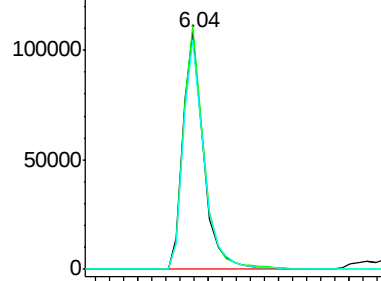
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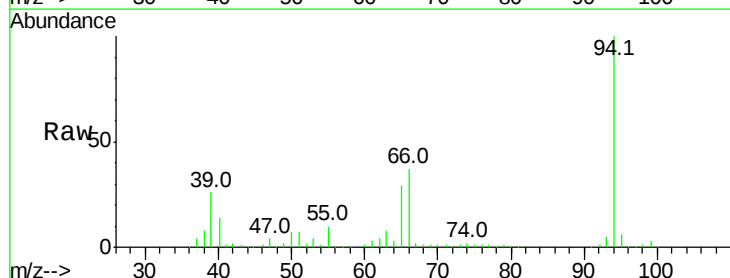


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

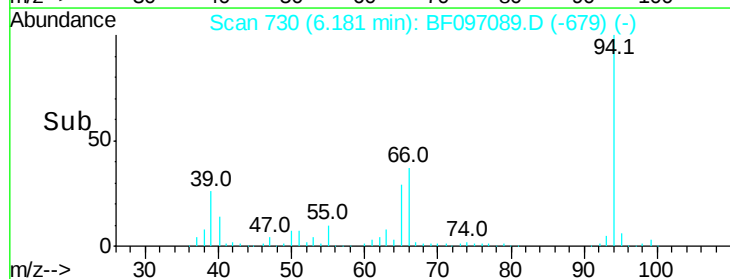
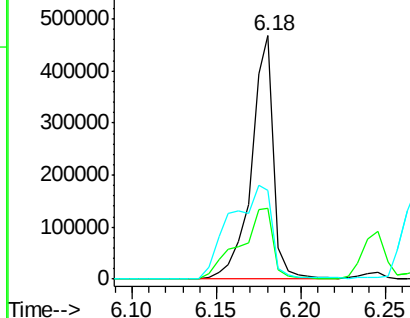


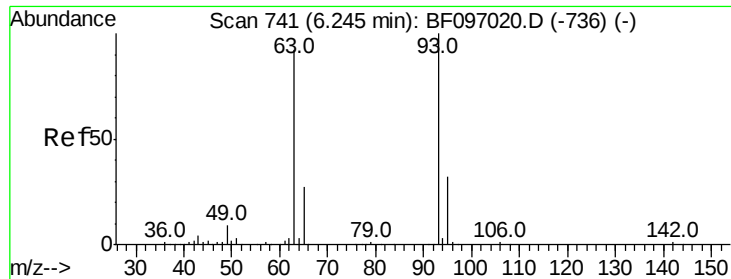
#10
Phenol
Concen: 47.822 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	36.6	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11
bis(2-Chloroethyl)ether
Concen: 43.833 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

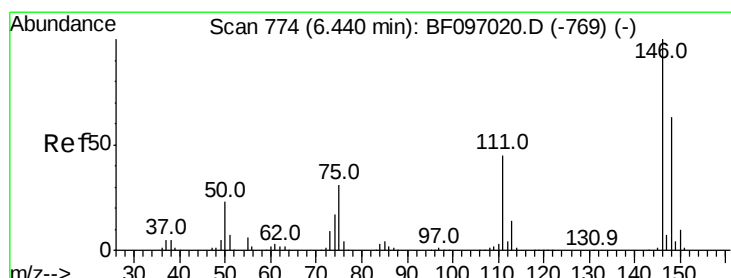
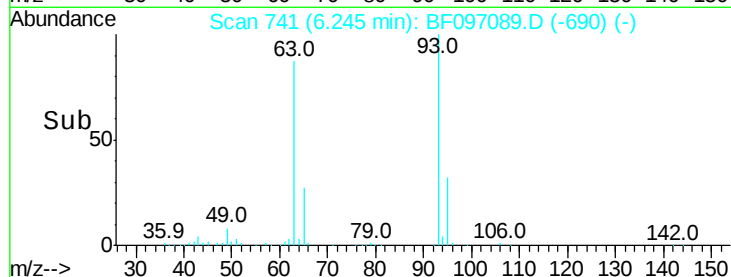
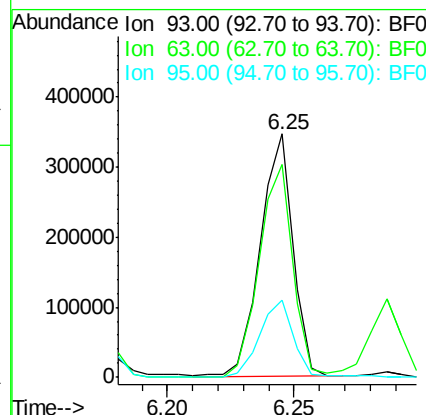
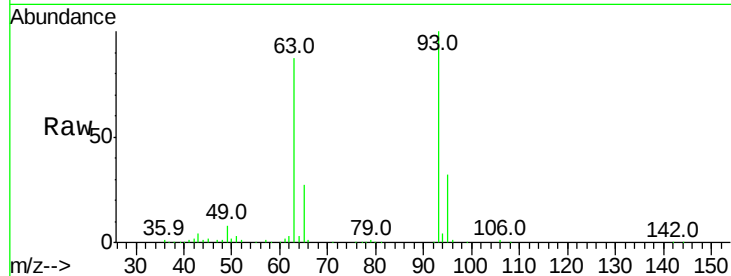
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.4	59.2	99.2
95	31.9	12.8	52.8

Manual Integrations
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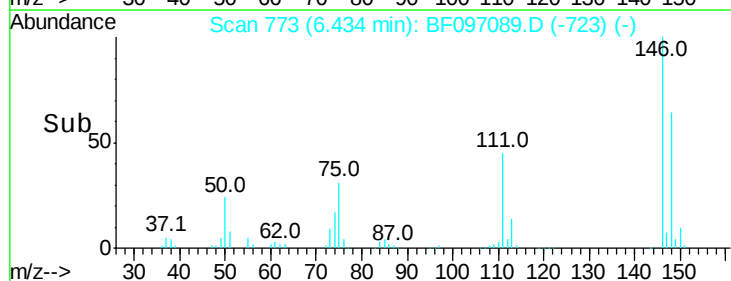
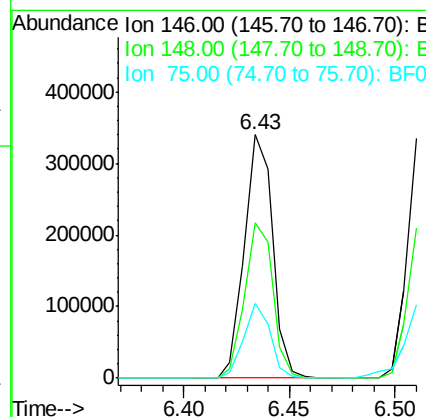
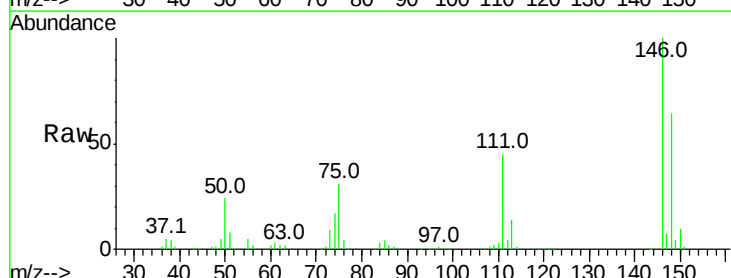
Sohil

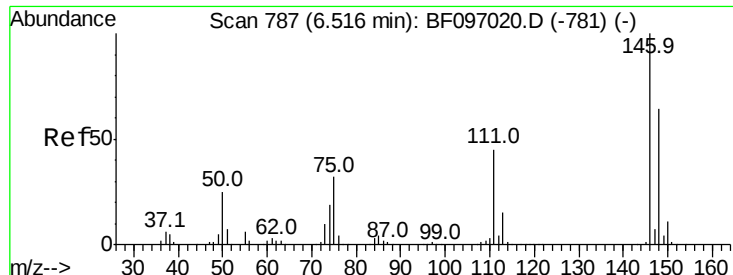
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#12
1,3-Dichlorobenzene
Concen: 41.264 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	30.5	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 42.261 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

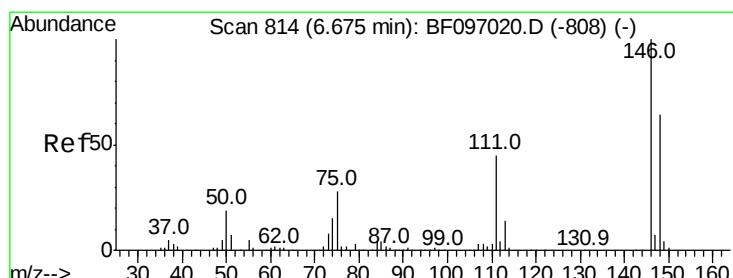
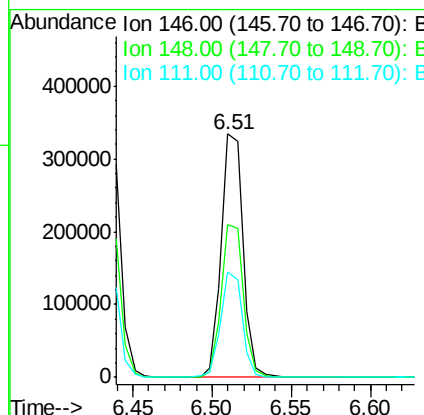
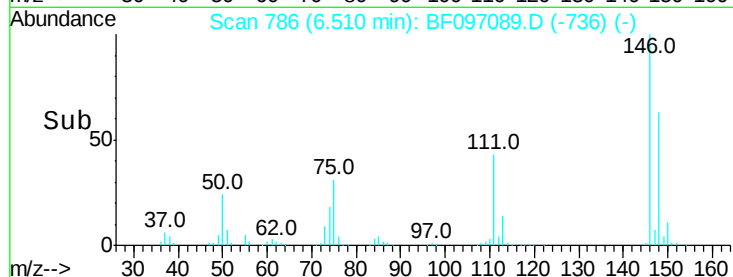
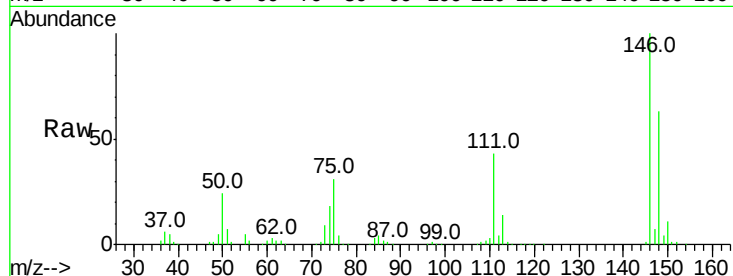
Instrument :
 BNA_F
 ClientSampled :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	43.5	30.3	45.5

Manual Integrations
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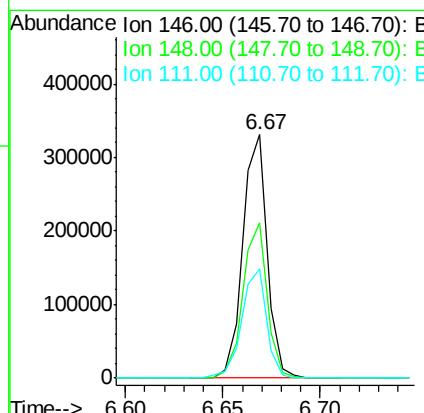
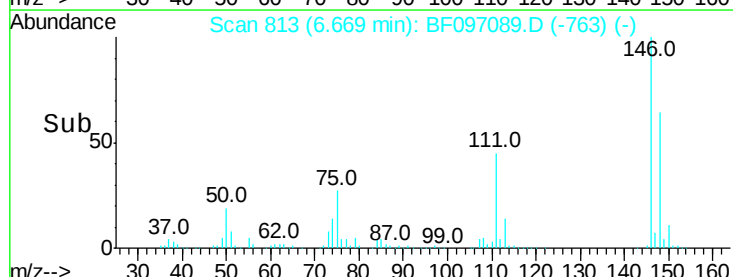
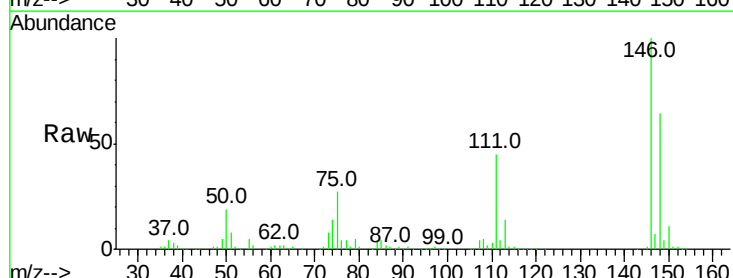
Sohil

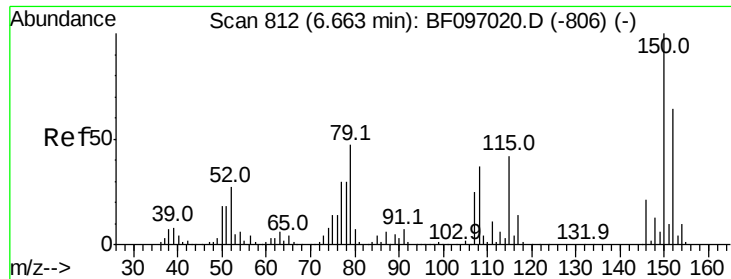
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#14
 1,2-Dichlorobenzene
 Concen: 43.205 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	44.7	38.2	57.4





#15
Benzyl Alcohol
Concen: 47.506 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

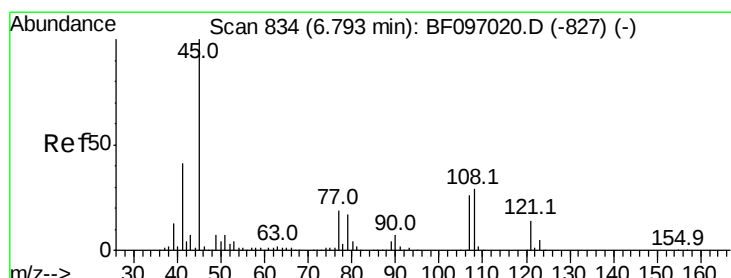
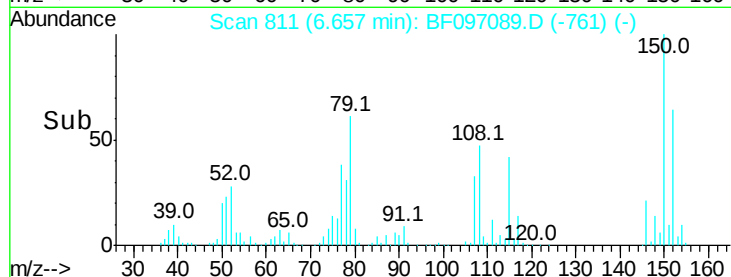
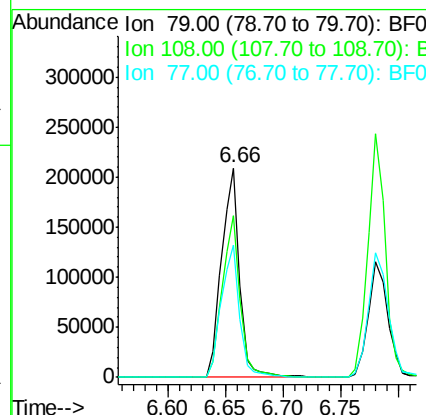
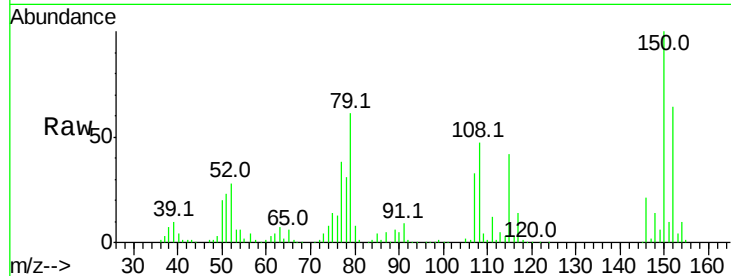
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.4	95.0
77	63.2	49.2	73.8

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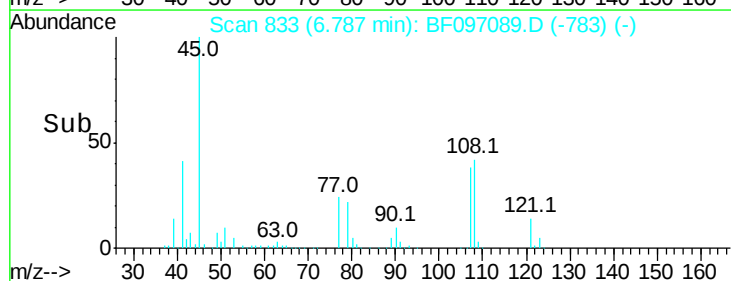
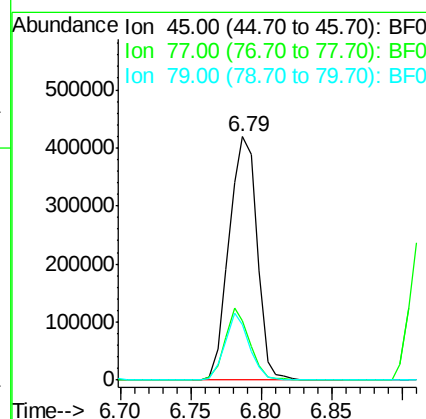
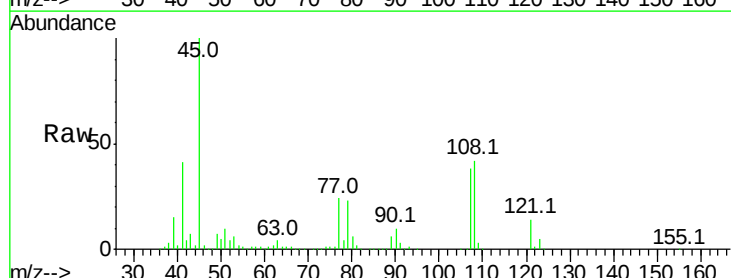
Sohil

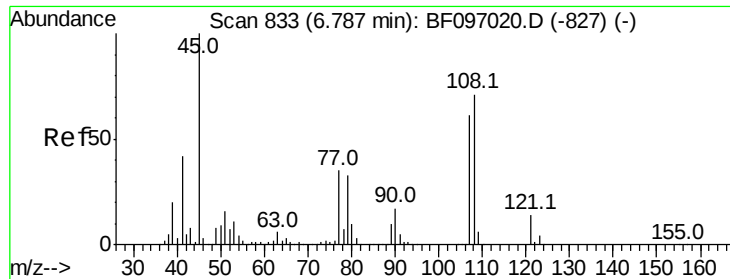
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.527 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.4	0.0	33.2
79	22.7	0.0	30.0





#17
2-Methylphenol
Concen: 41.491 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

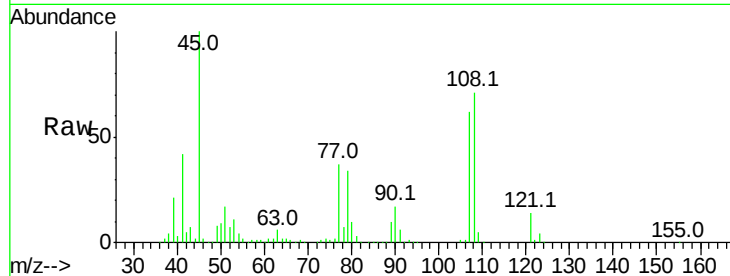
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.4	140.0
77	59.4	35.8	53.6#
79	55.0	34.8	52.2#

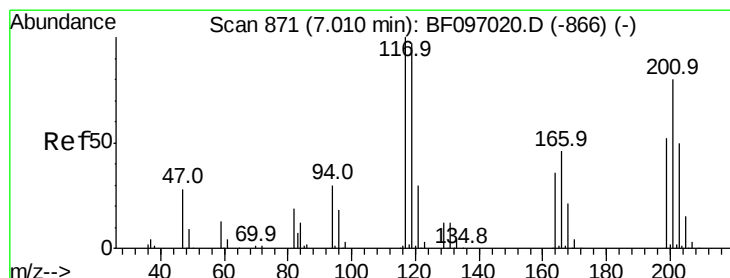
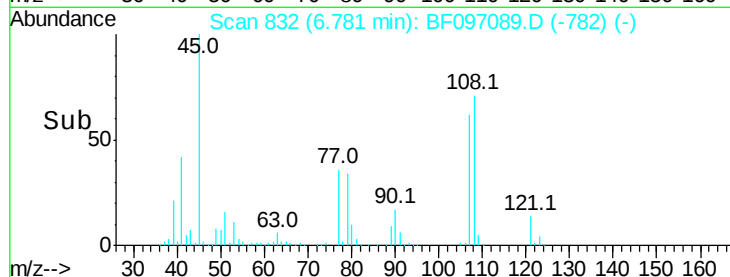
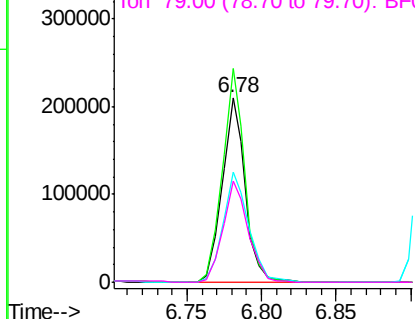
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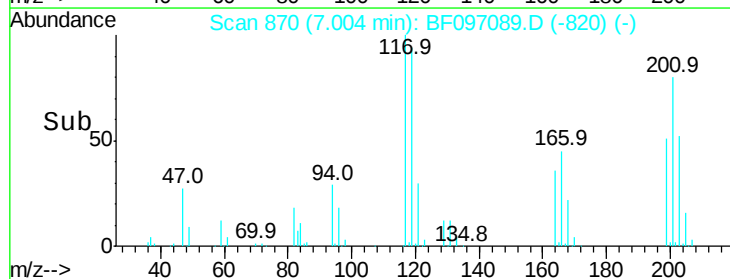
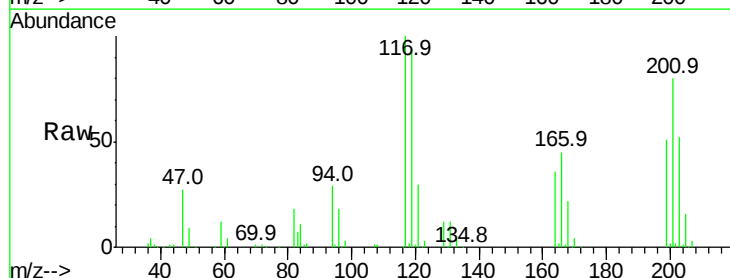
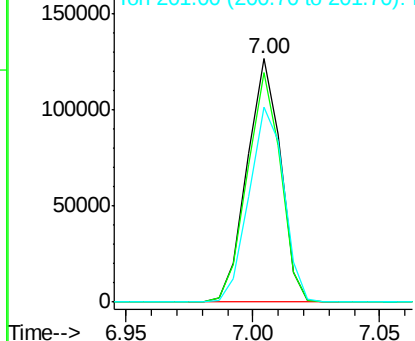
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

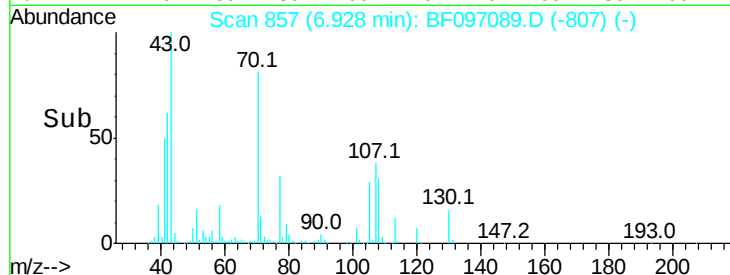
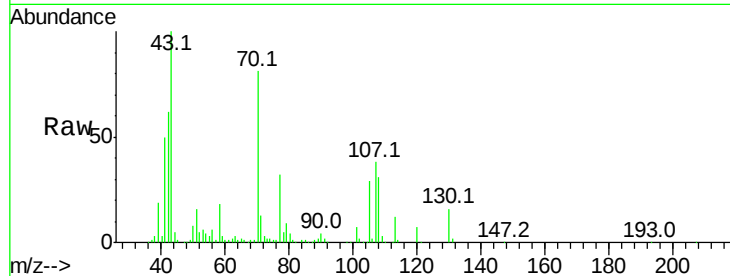
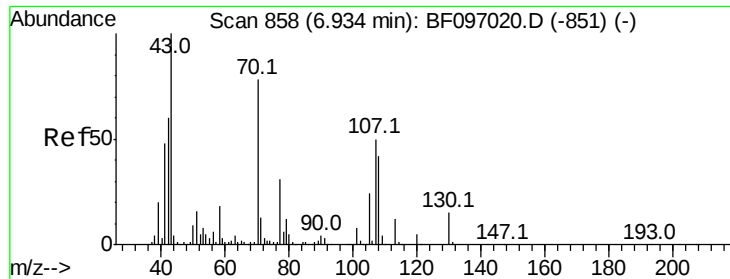


#18
Hexachloroethane
Concen: 42.192 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	80.1	94.6	141.8#

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





#19
n-Nitroso-di-n-propylamine
Concen: 45.539 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

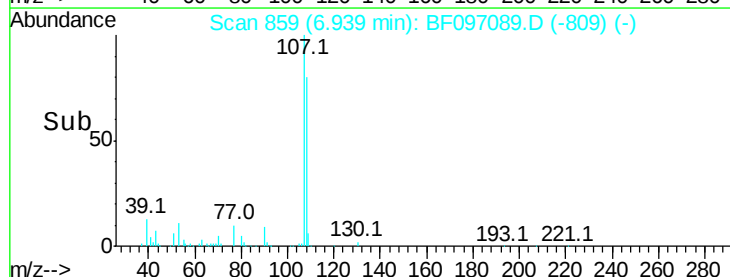
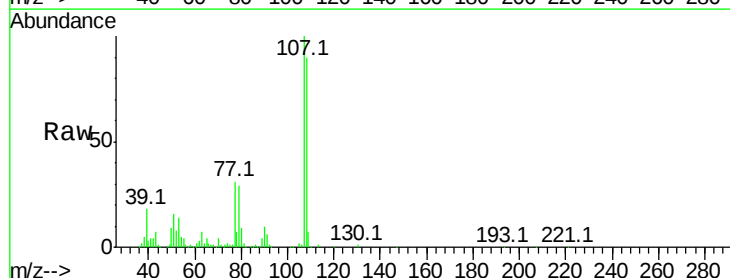
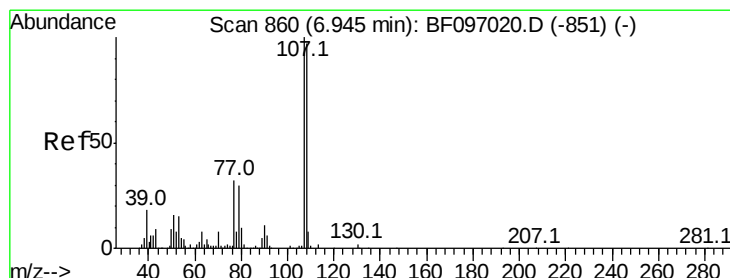
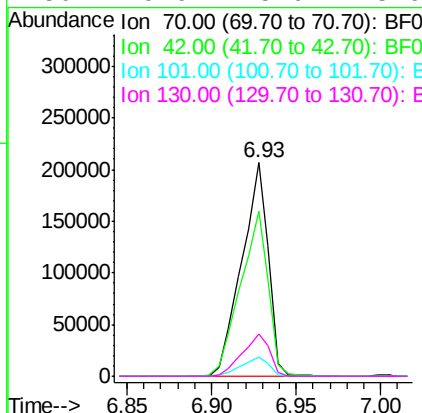
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.1	47.2	70.8#
101	9.1	7.2	10.8
130	19.9	15.9	23.9

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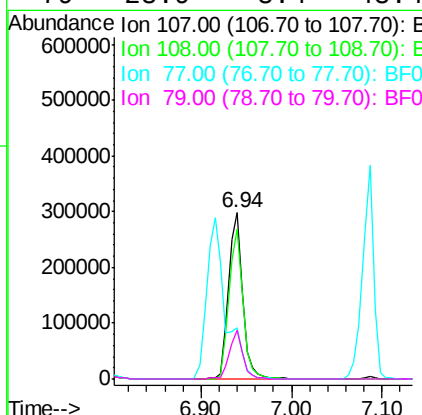
Sohil

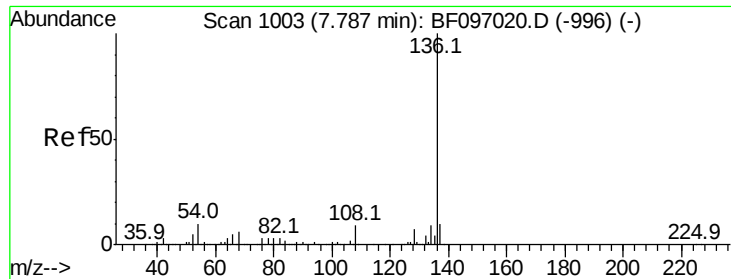
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#20
3+4-Methylphenols
Concen: 45.227 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	30.9	90.5	130.5#
79	28.9	8.4	48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

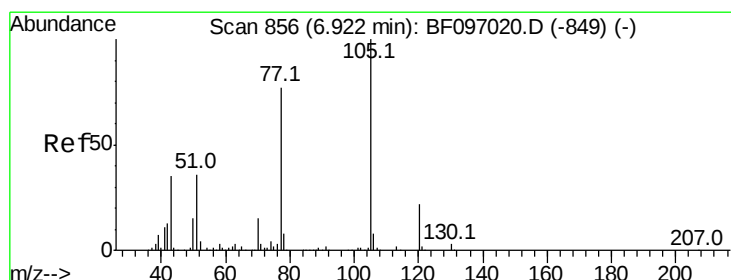
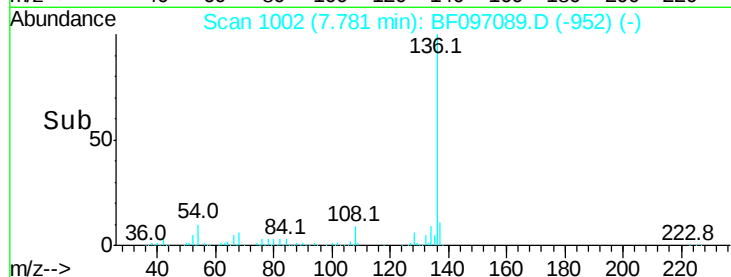
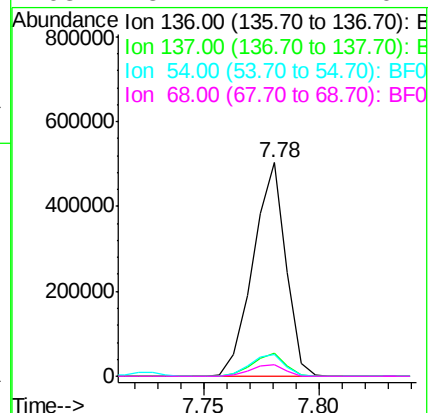
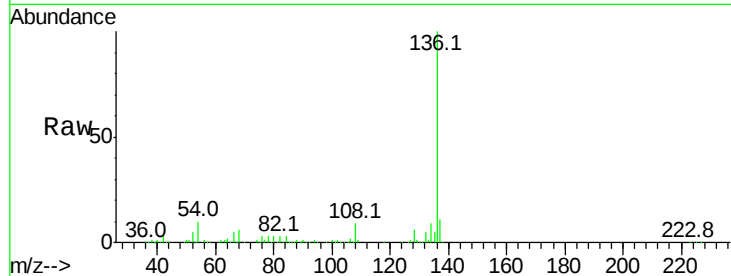
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	495688		
137	11.0	8.5	12.7	
54	9.9	4.9	7.3	
68	5.7	4.1	6.1	

Manual Integrations
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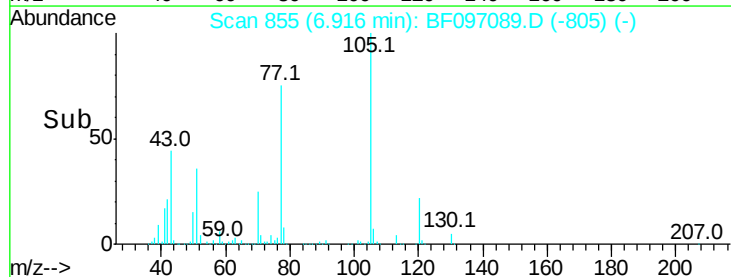
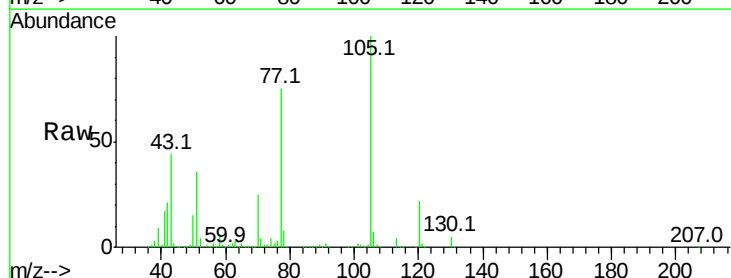
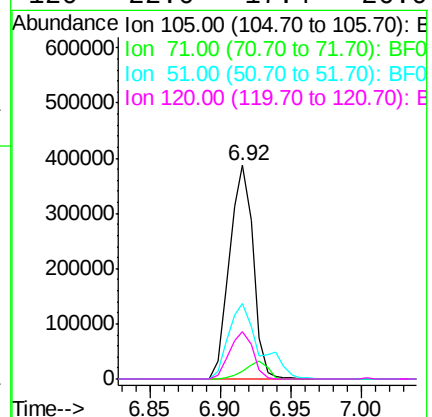
Sohil

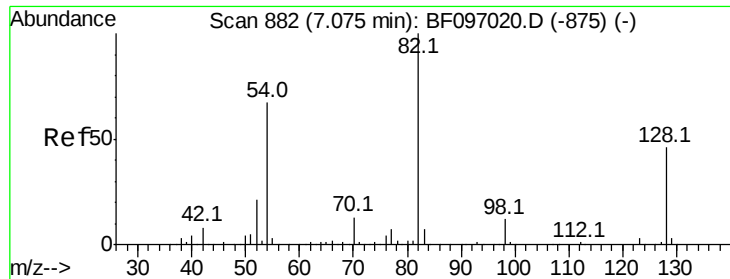
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#22
Acetophenone
Concen: 37.864 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	450726		
71	3.8	2.8	4.2	
51	35.5	30.7	46.1	
120	22.0	17.4	26.0	





#23
Nitrobenzene-d5
Concen: 72.030 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

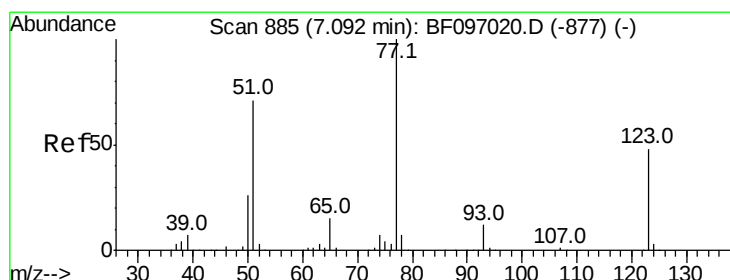
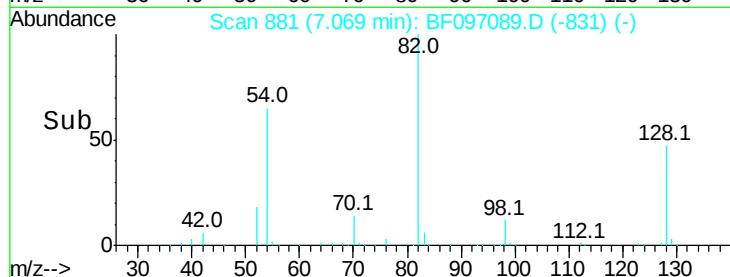
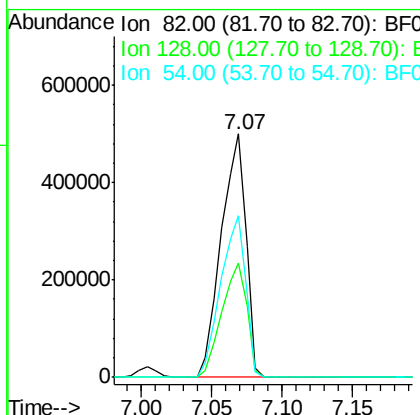
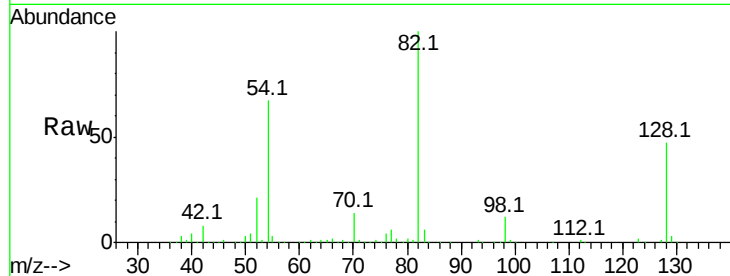
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	66.6	42.2	63.2#

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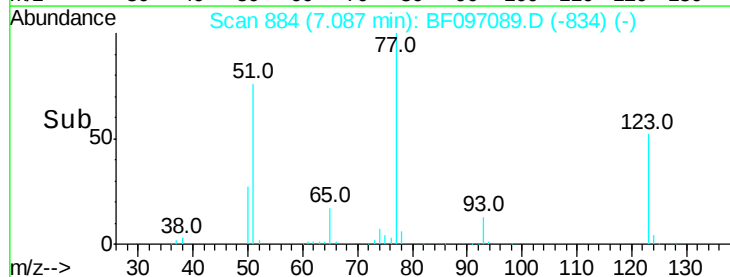
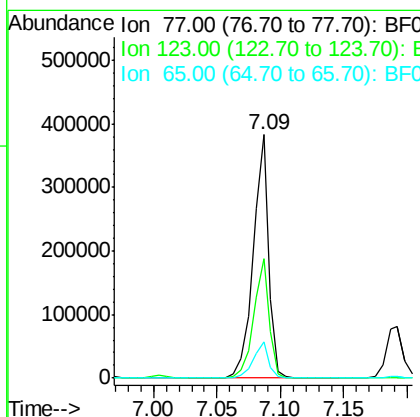
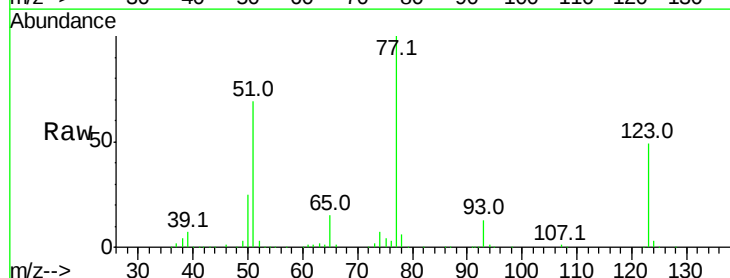
Sohil

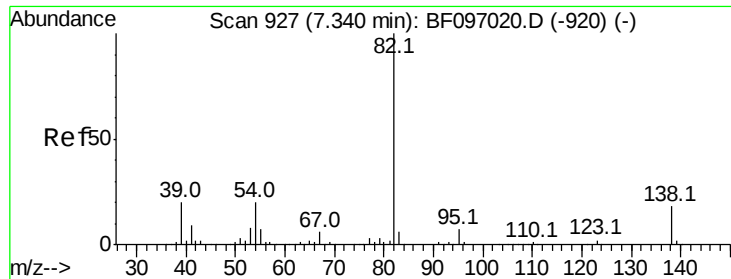
7/27/2017 12:31:30 PM



#24
Nitrobenzene
Concen: 37.089 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 42.237 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

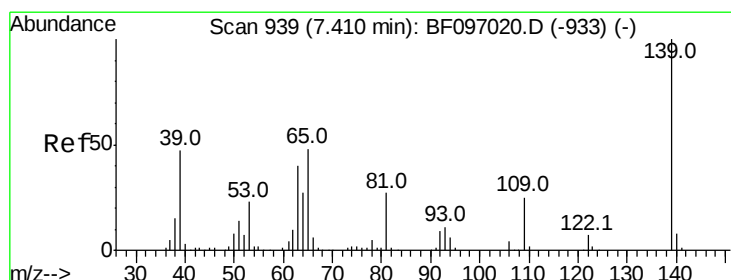
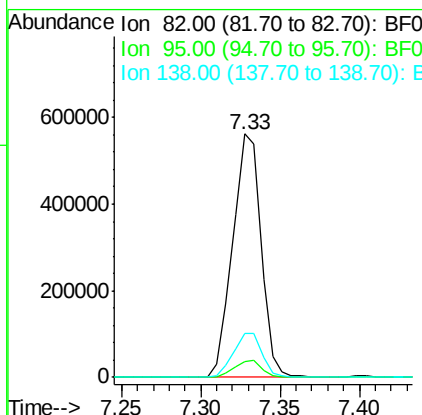
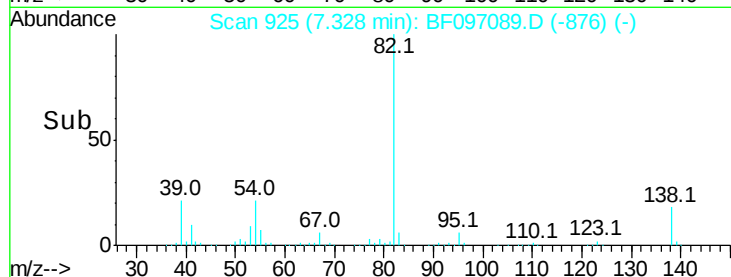
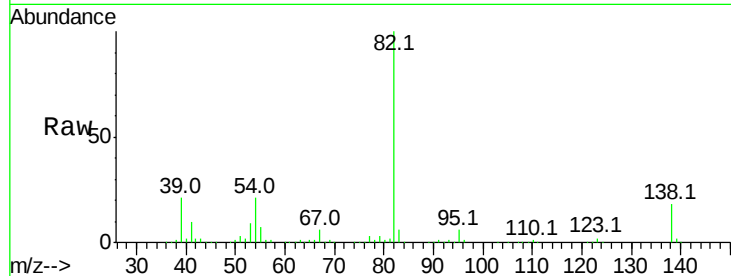
SB02AMSD

Tot Ion:	82	Resp:	698917
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.3	7.9
138	17.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 36.045 ng

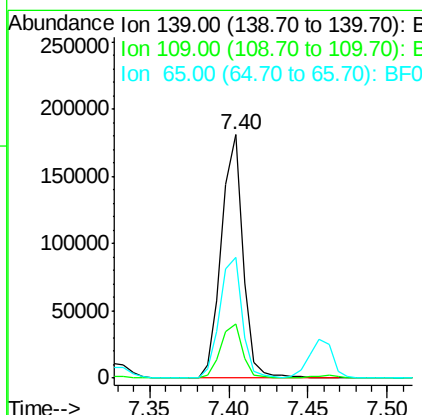
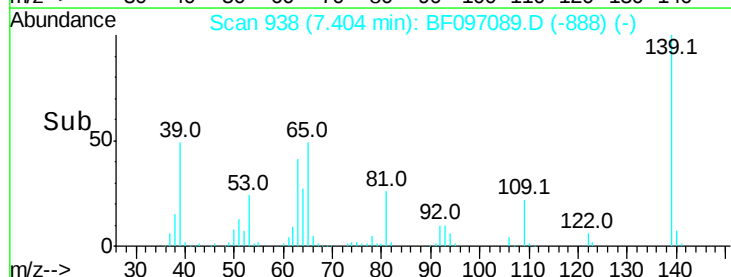
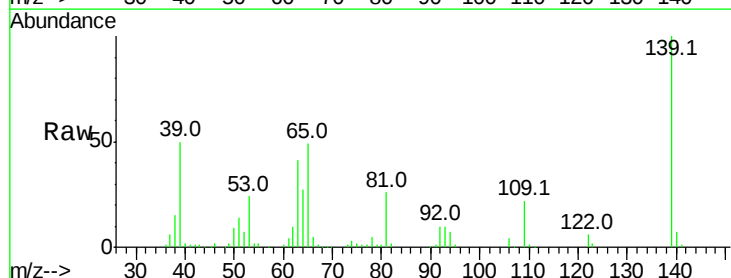
RT: 7.40 min Scan# 938

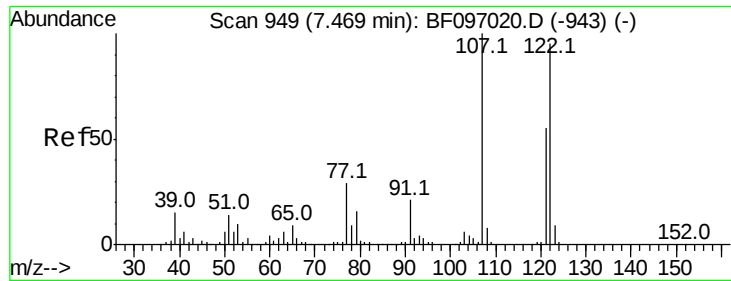
Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	139	Resp:	171611
Ion Ratio		Lower	Upper
139	100		
109	22.0	21.0	31.6
65	49.5	33.0	49.6





#27
 2,4-Dimethylphenol
 Concen: 38.306 ng
 RT: 7.46 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

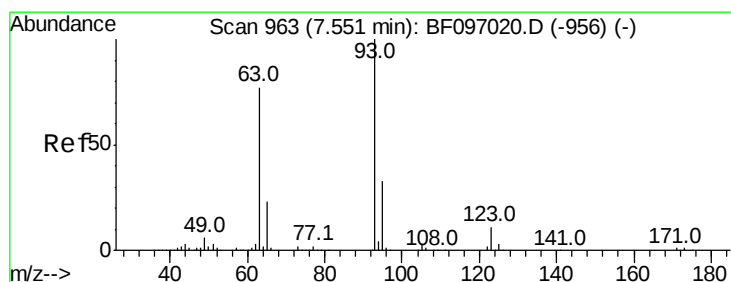
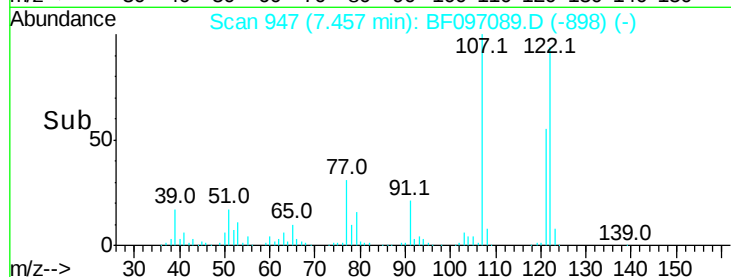
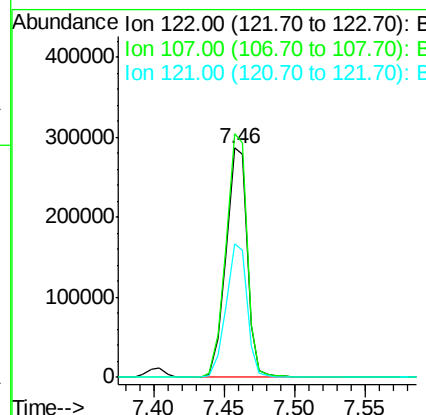
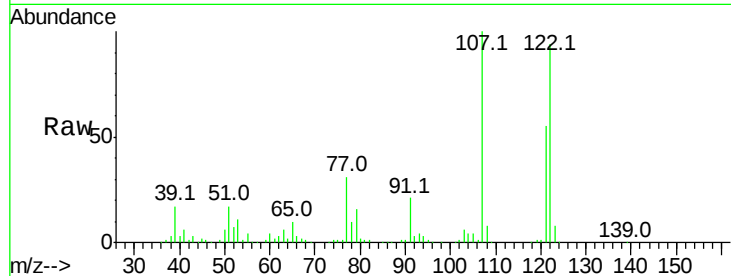
Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.2	89.2	133.8
121	58.1	45.2	67.8

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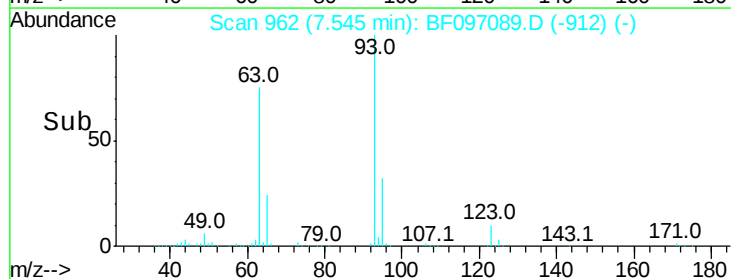
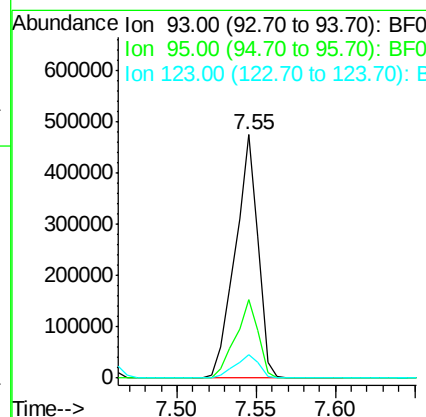
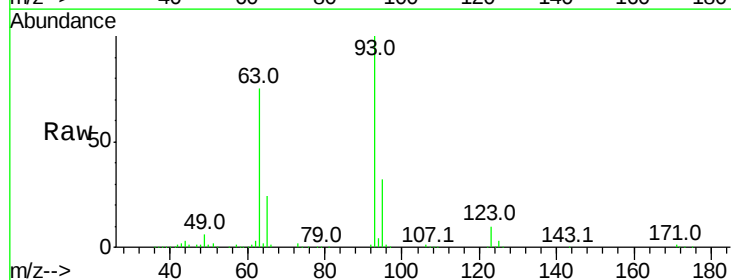
Sohil

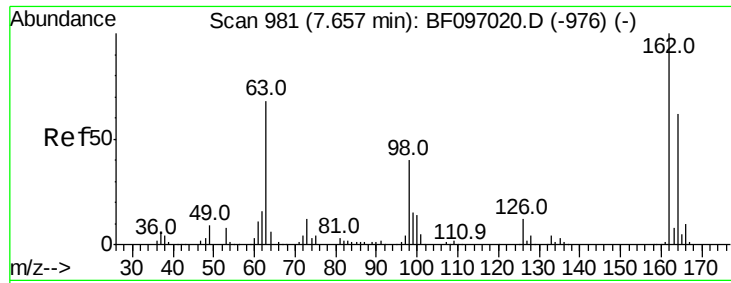
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.748 ng
 RT: 7.55 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	9.9	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 40.308 ng
RT: 7.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

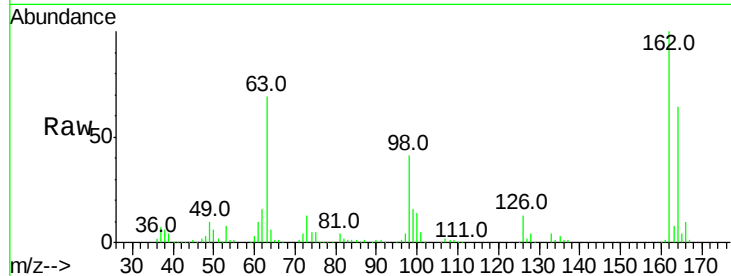
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.6	84.6
98	41.3	14.8	54.8

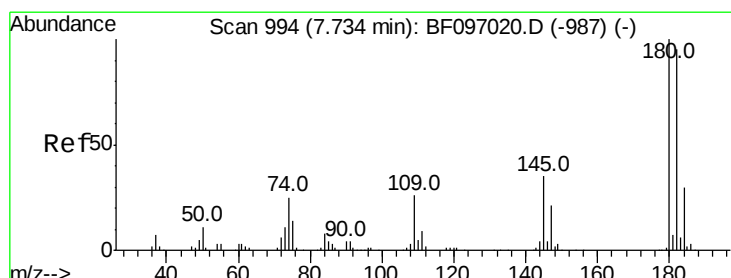
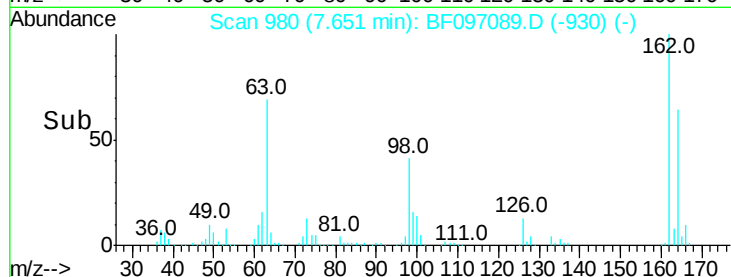
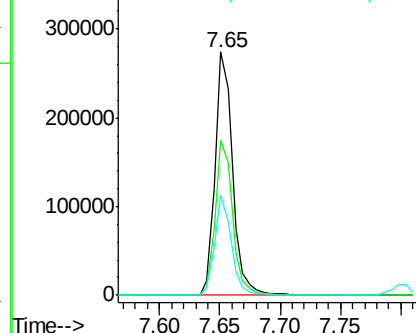
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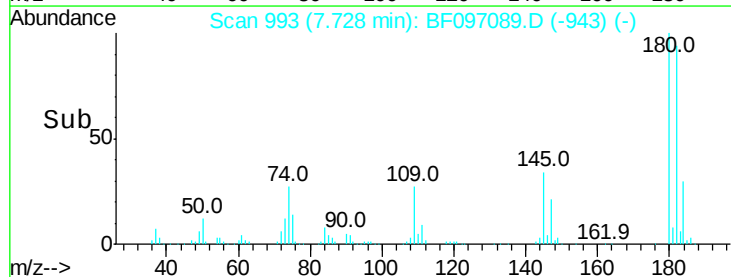
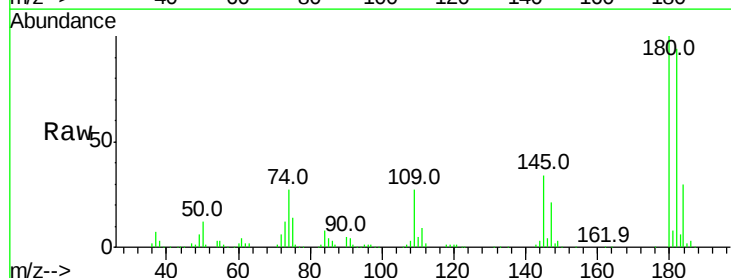
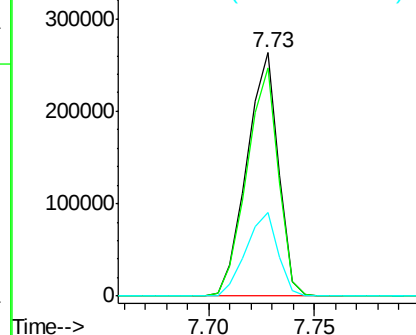
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

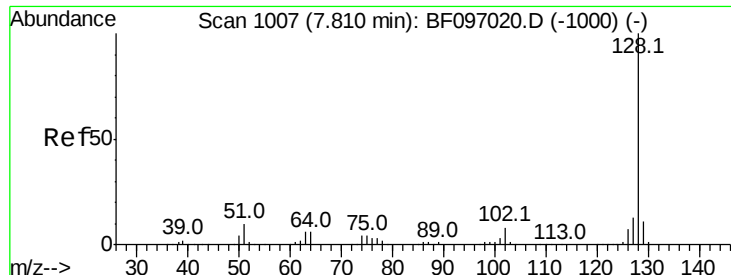


#30
1,2,4-Trichlorobenzene
Concen: 42.220 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	75.8	113.6
145	34.4	25.3	37.9

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





#31

Naphthalene

Concen: 43.959 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB02AMSD

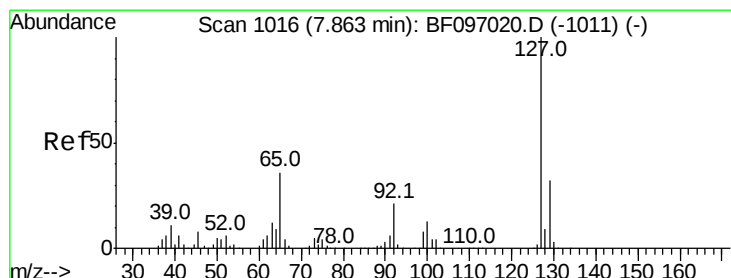
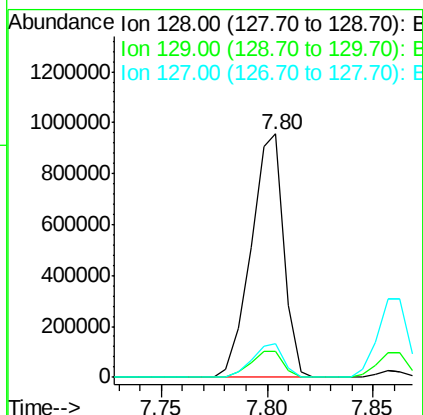
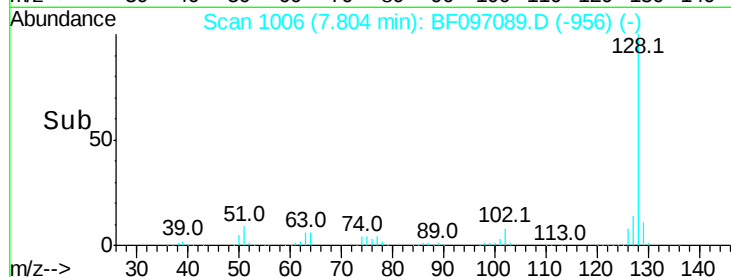
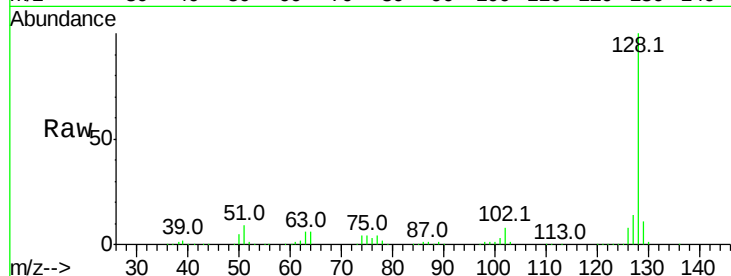
Tot Ion:128 Resp: 1027164

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

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#33

4-Chloroaniline

Concen: 35.532 ng

RT: 7.86 min Scan# 1016

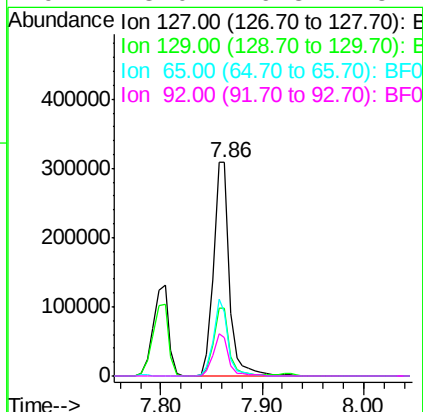
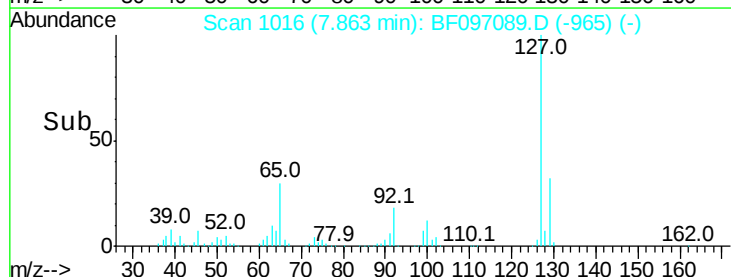
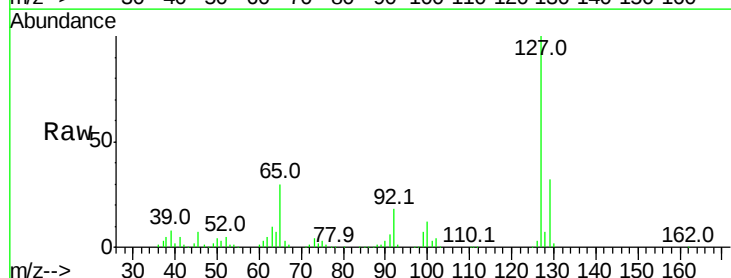
Delta R.T. -0.00 min

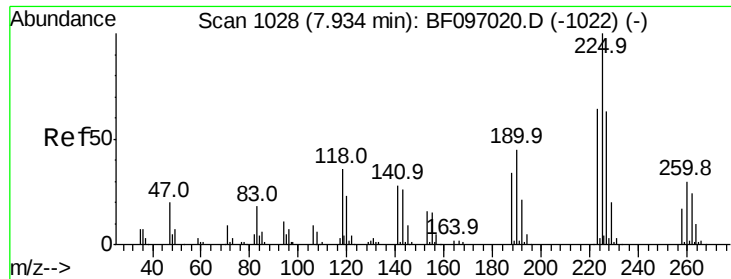
Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:127 Resp: 337826

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	30.1	27.8	41.8
92	18.0	16.8	25.2





#34
Hexachlorobutadiene
Concen: 40.631 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

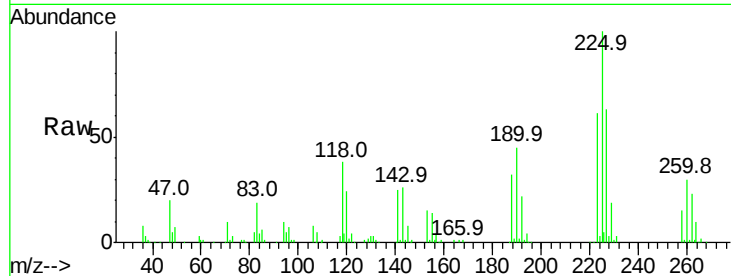
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	138912		
223	61.1	48.8	73.2	
227	63.3	51.1	76.7	

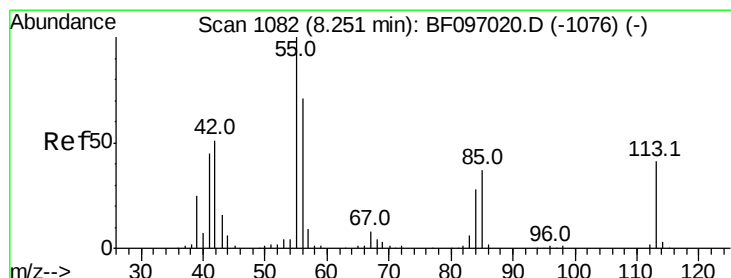
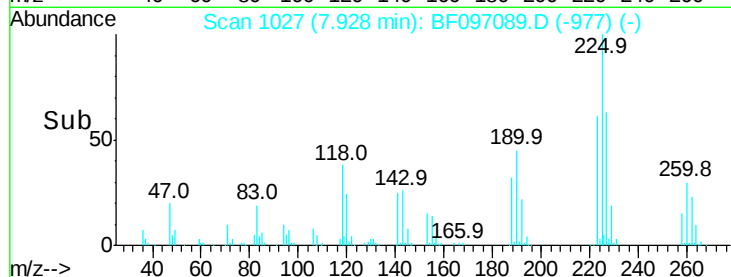
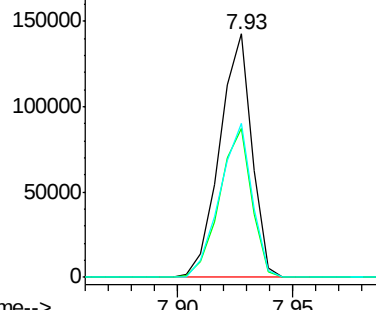
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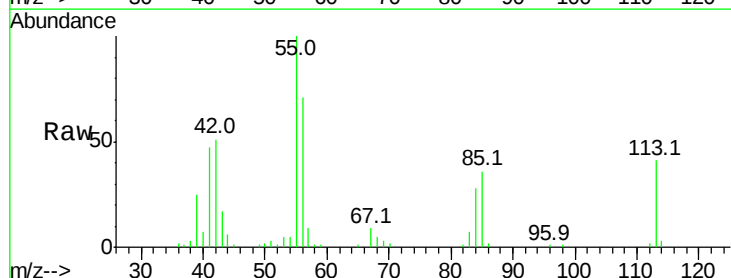


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

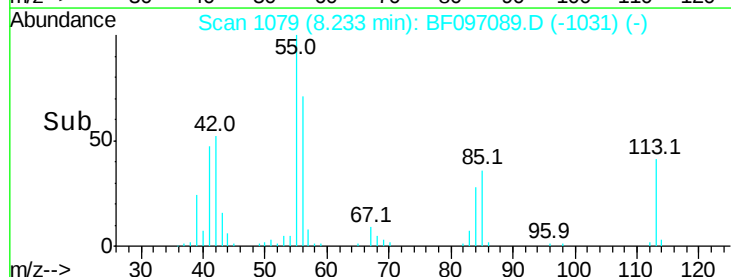
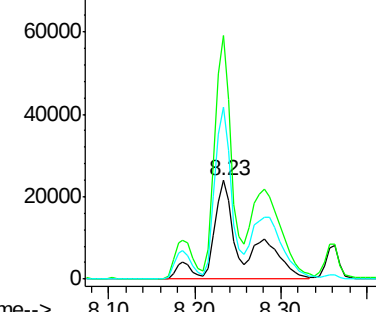


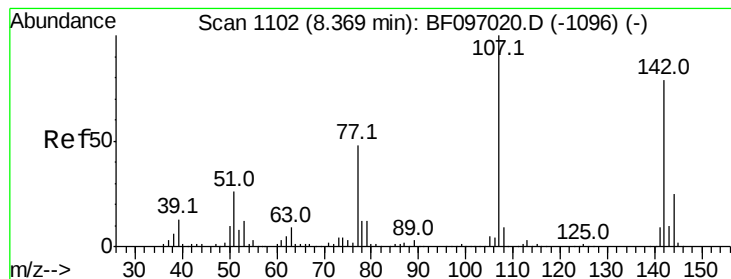
#35
Caprolactam
Concen: 27.863 ng m
RT: 8.23 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	60448		
55	246.1	150.2	190.2#	
56	174.2	107.8	147.8#	



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





#36

4-Chloro-3-methylphenol

Concen: 42.345 ng

RT: 8.36 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB02AMSD

Tot Ion:107 Resp: 312563

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

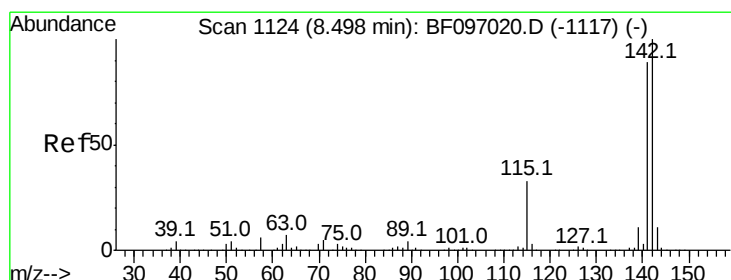
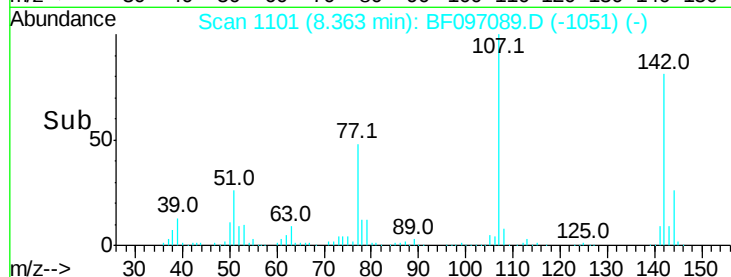
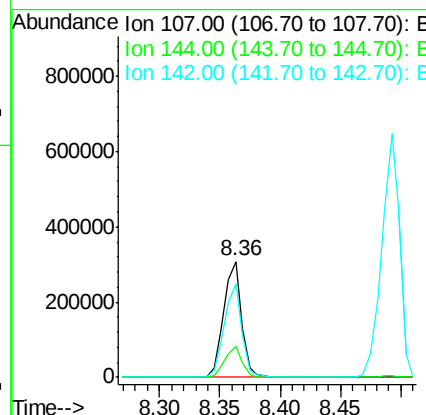
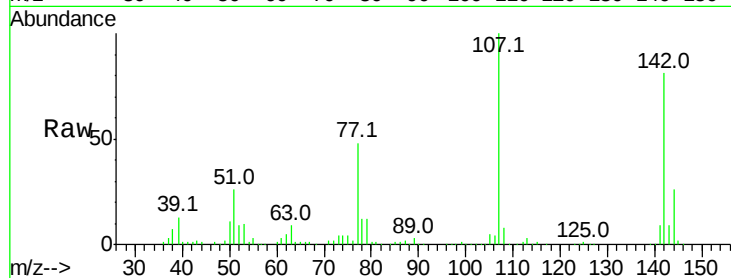
142 80.7 73.4 110.0

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#37

2-Methylnaphthalene

Concen: 45.149 ng

RT: 8.49 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

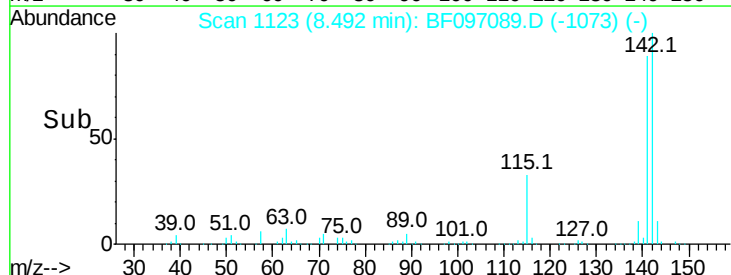
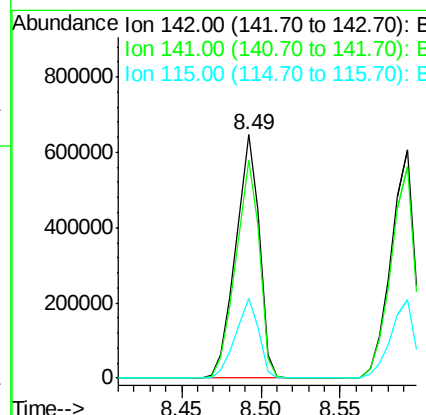
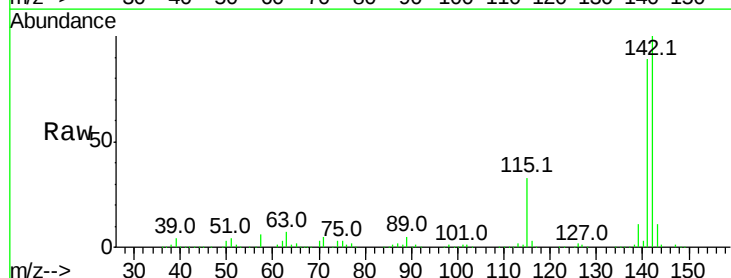
Tgt Ion:142 Resp: 667955

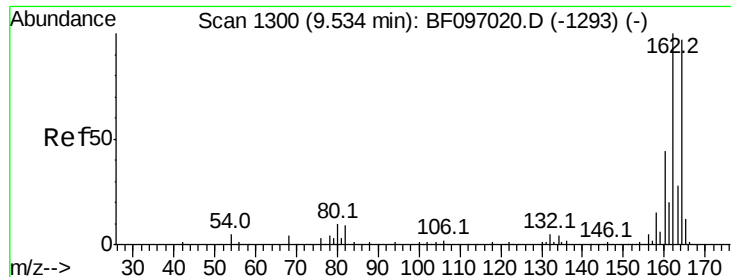
Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

115 32.8 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

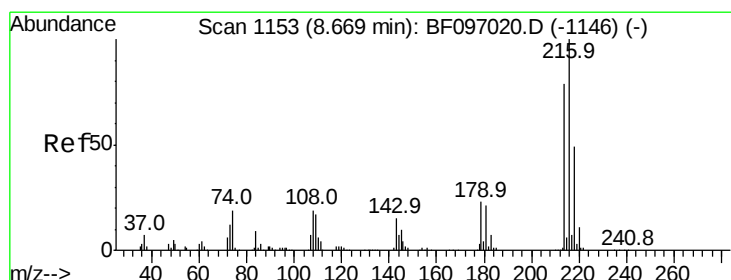
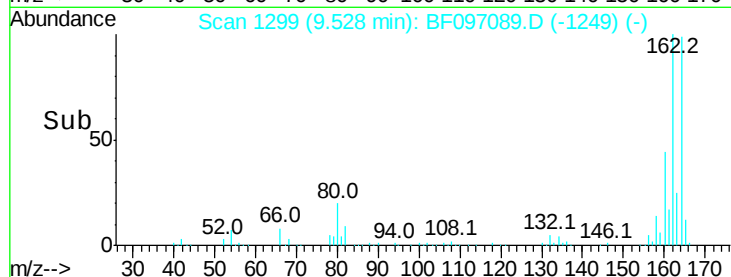
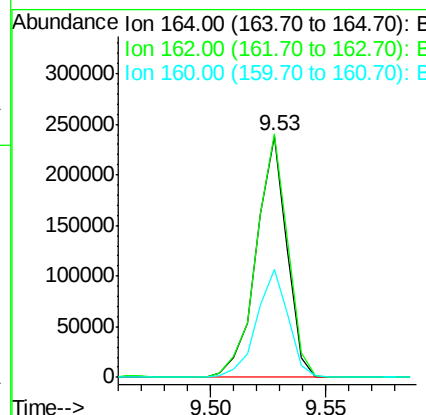
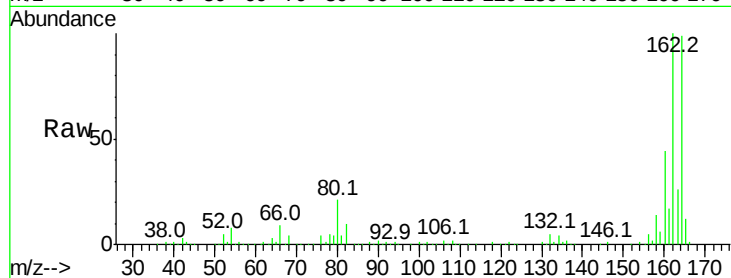
SB02AMSD

Tot Ion:	164	Resp:	219617
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.6	123.8
160	44.8	36.2	54.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.184 ng

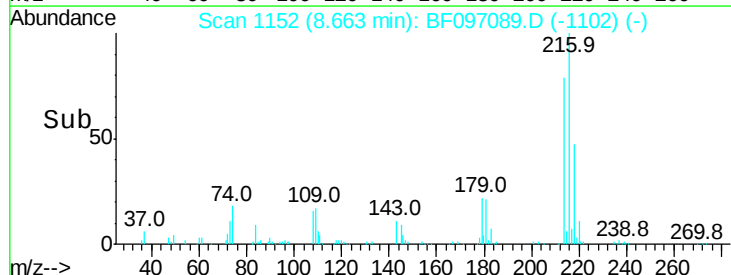
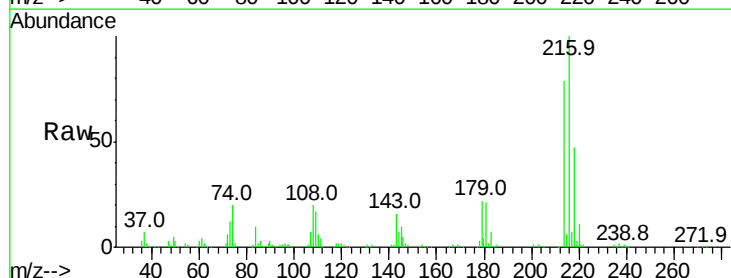
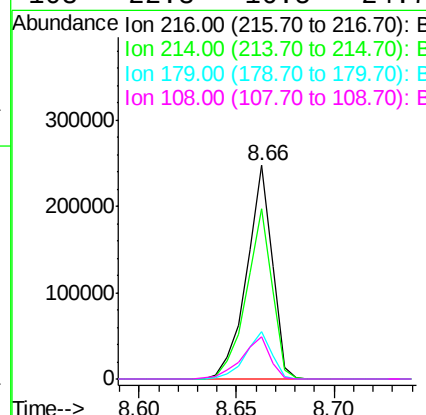
RT: 8.66 min Scan# 1152

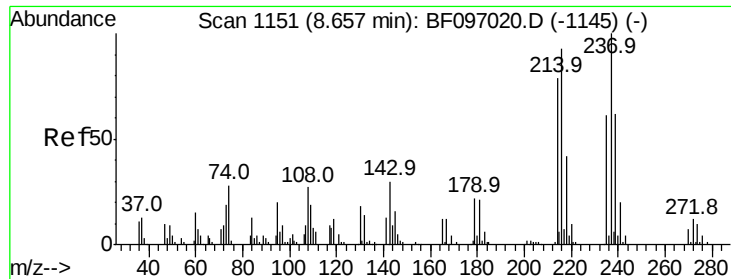
Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	216	Resp:	223754
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.4	95.2
179	22.7	17.9	26.9
108	22.3	16.5	24.7





#40
Hexachlorocyclopentadiene
Concen: 79.810 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

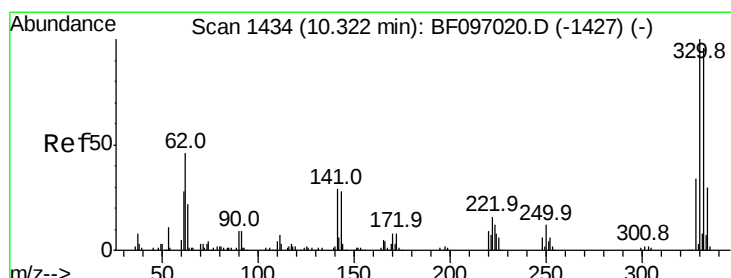
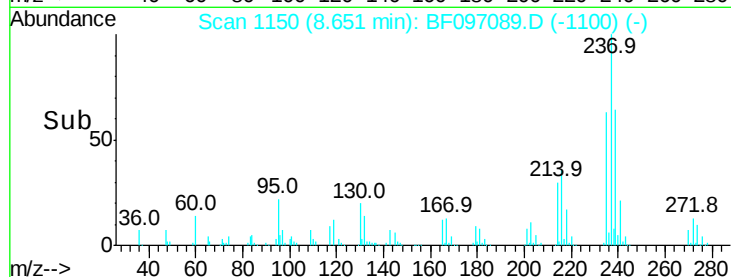
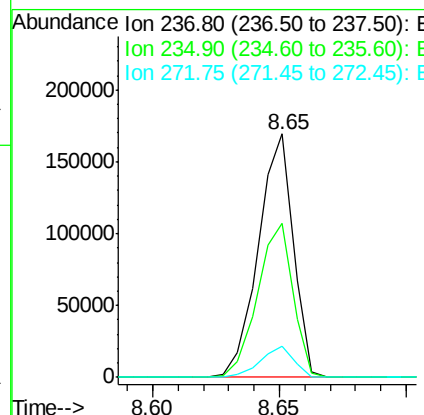
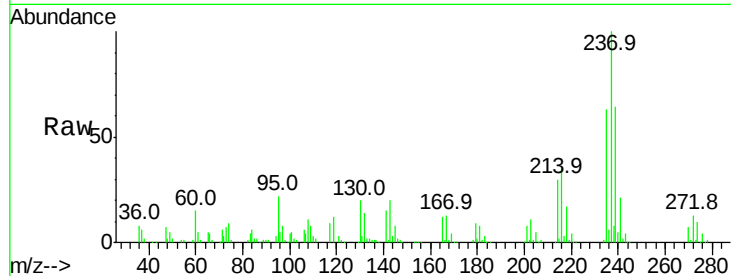
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	163507		
235	63.4	42.6	82.6	
272	12.5	0.0	31.9	

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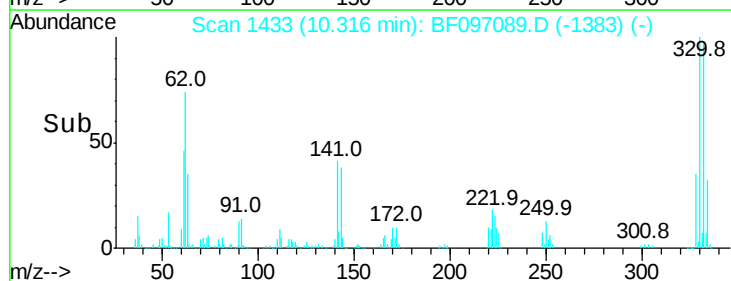
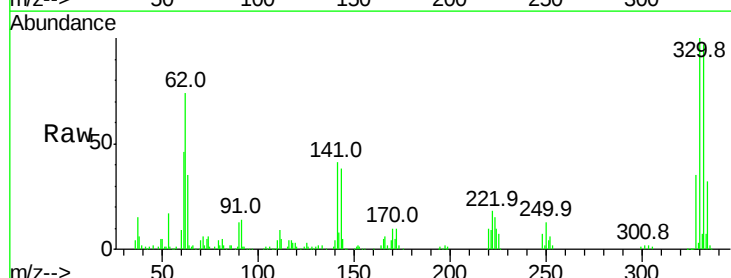
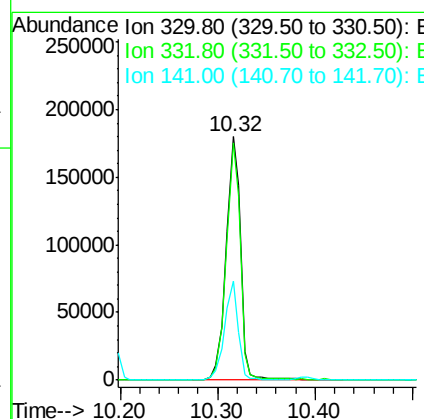
Sohil

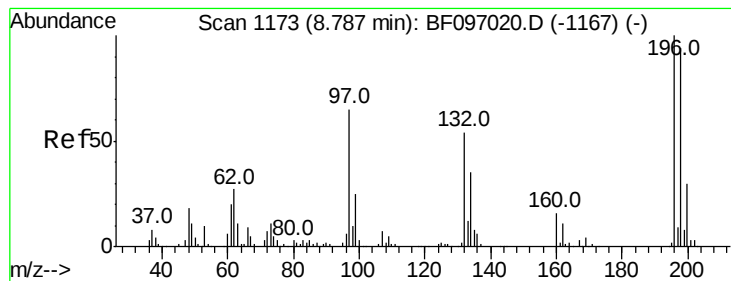
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#41
2,4,6-Tribromophenol
Concen: 107.428 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	186407		
332	95.2	76.6	115.0	
141	38.4	31.4	47.2	





#42

2,4,6-Trichlorophenol

Concen: 33.746 ng

RT: 8.78 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

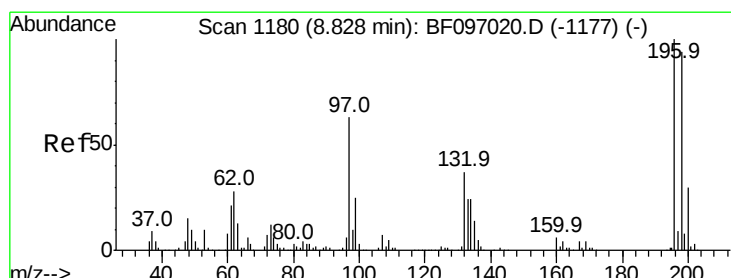
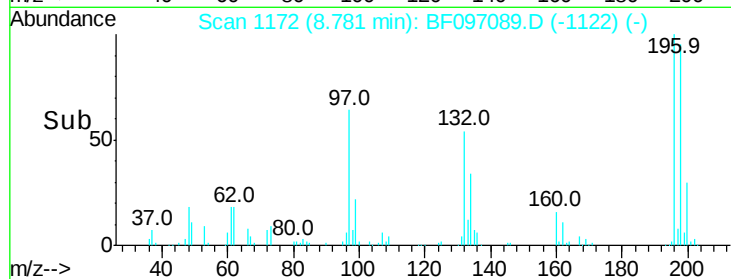
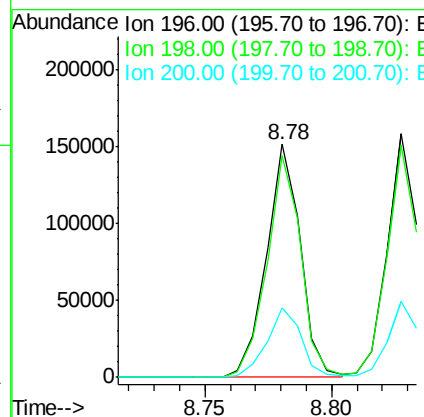
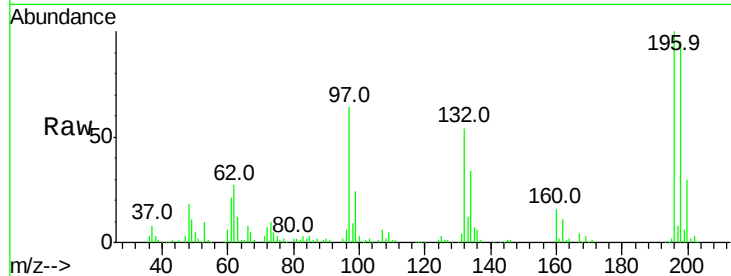
SB02AMSD

Tot Ion:	196	Resp:	143304
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.2	111.4
200	29.9	24.0	36.0

Manual Integrations
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Sohil

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#43

2,4,5-Trichlorophenol

Concen: 34.240 ng

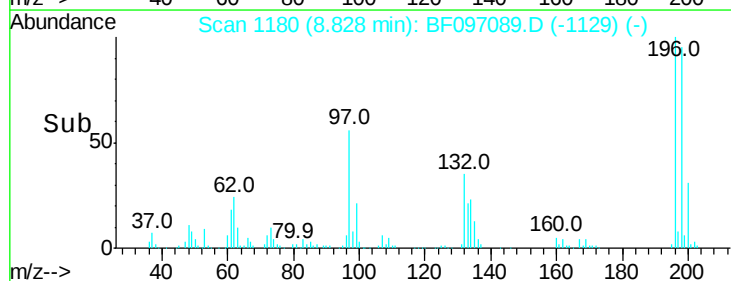
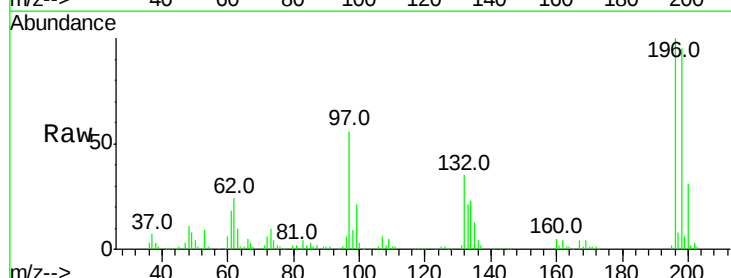
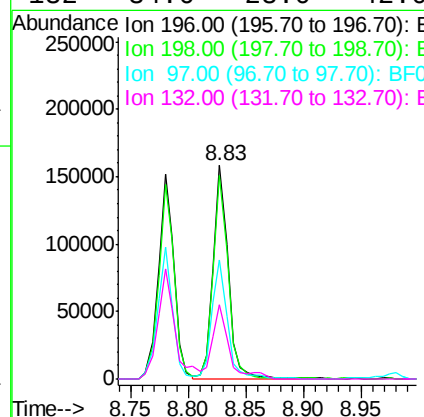
RT: 8.83 min Scan# 1180

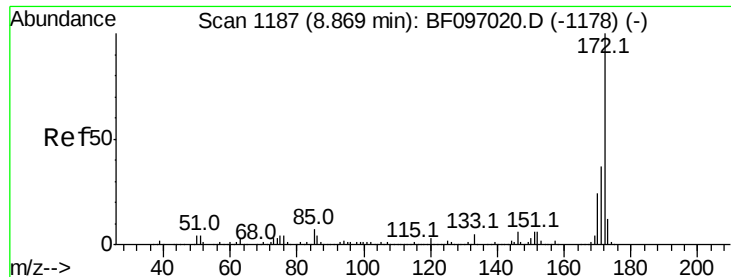
Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	196	Resp:	145536
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
97	56.0	47.7	71.5
132	34.6	28.0	42.0





#44
2-Fluorobiphenyl
Concen: 83.828 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

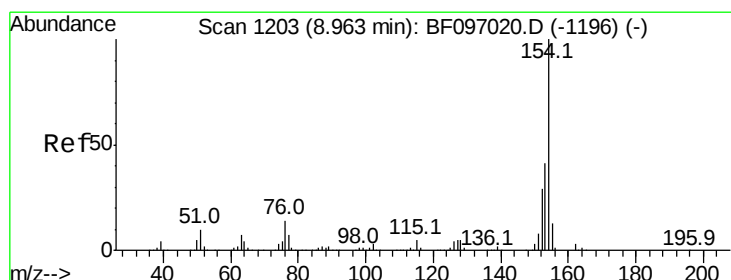
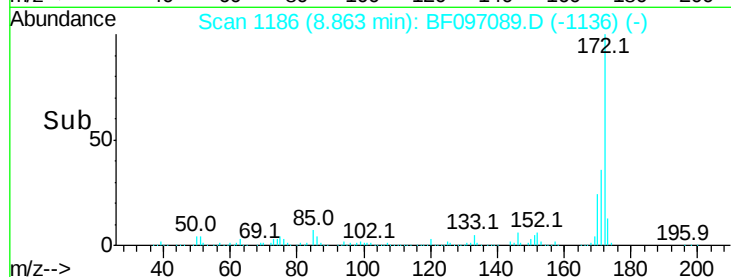
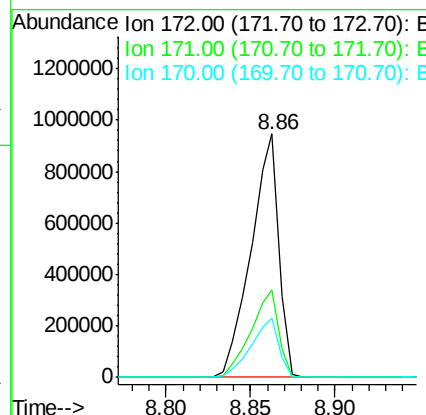
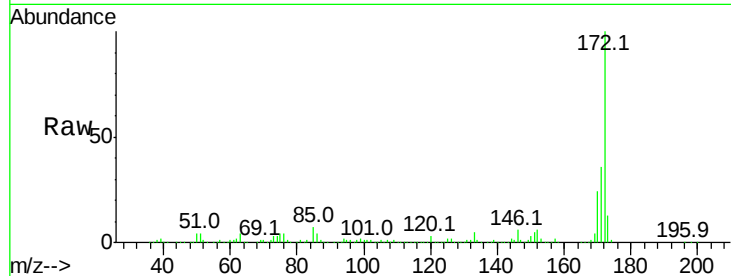
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8

Manual Integrations
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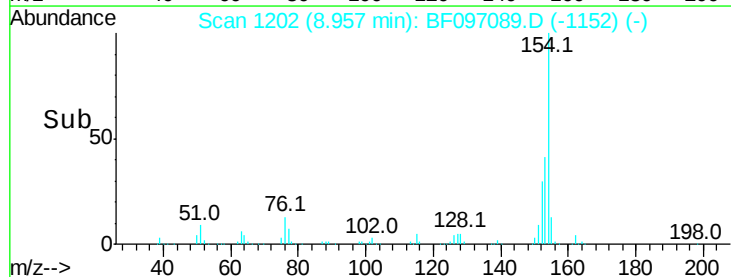
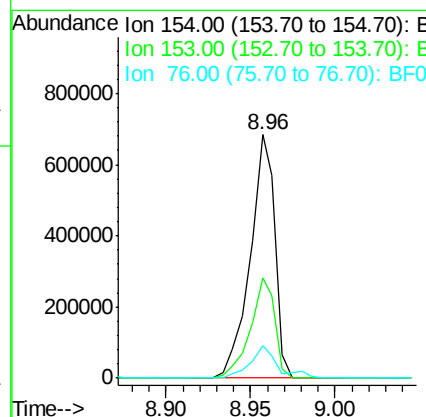
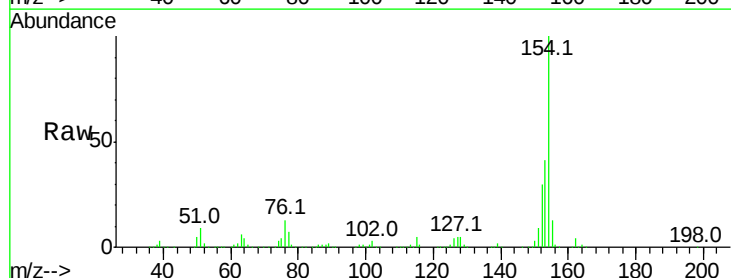
Sohil

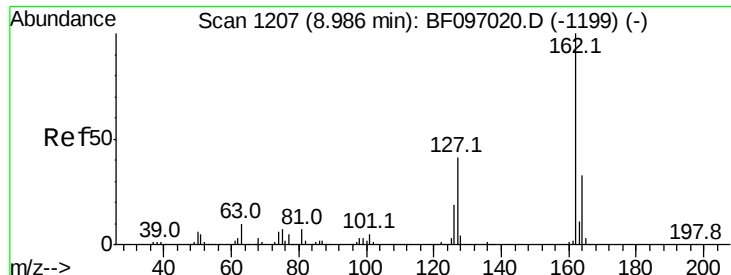
7/27/2017 12:31:30 PM



#45
1,1'-Biphenyl
Concen: 37.278 ng
RT: 8.96 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.1	0.0	29.9





#46
2-Chloronaphthalene
Concen: 39.577 ng
RT: 8.98 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

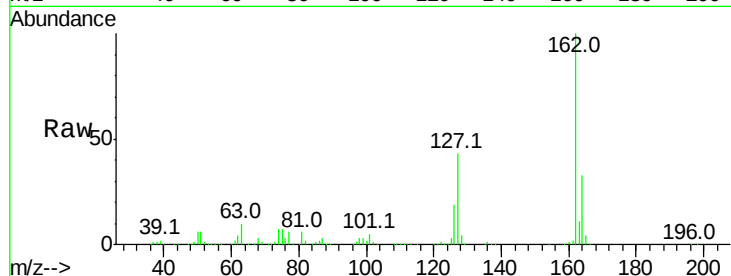
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	43.1	28.3	42.5#
164	32.9	27.0	40.4

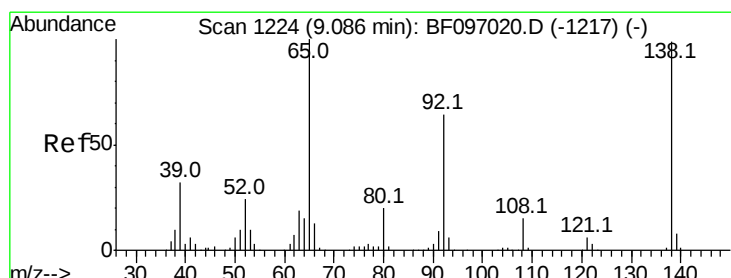
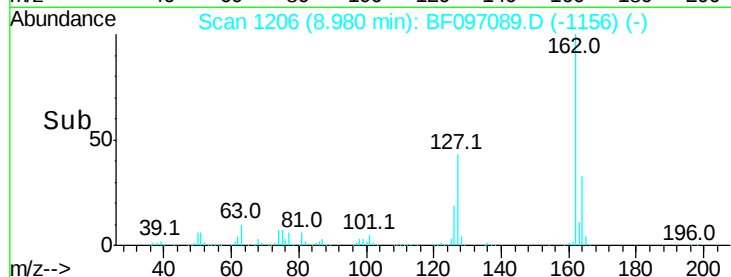
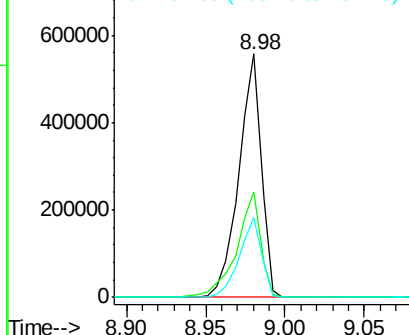
Manual Integrations
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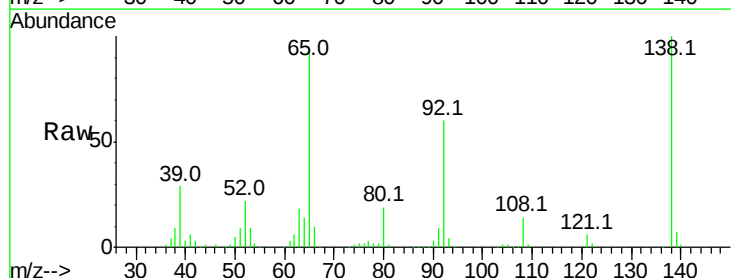


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

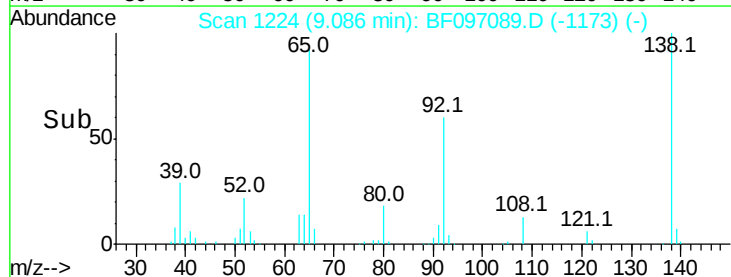
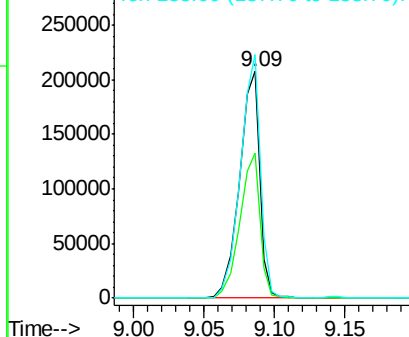


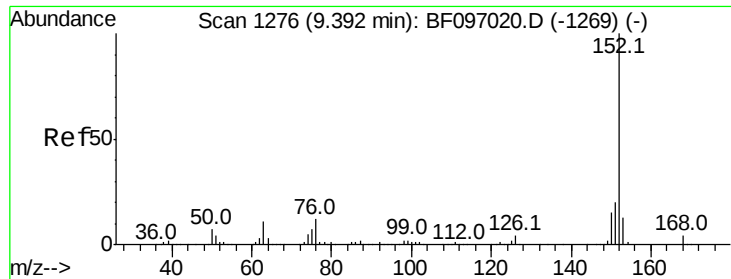
#47
2-Nitroaniline
Concen: 41.336 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.2	53.9	80.9
138	107.6	78.8	118.2



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): E





#48

Acenaphthylene

Concen: 39.796 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

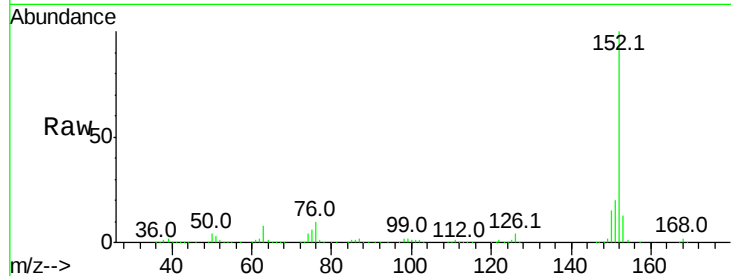
SB02AMSD

Tot Ion:	152	Resp:	843198
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	12.8	10.8	16.2

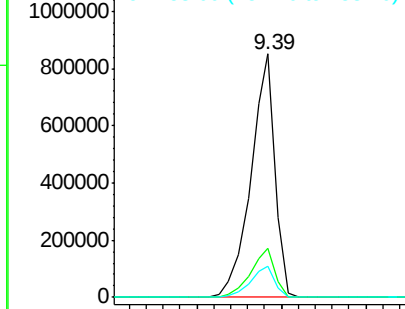
Manual Integrations
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Sohil

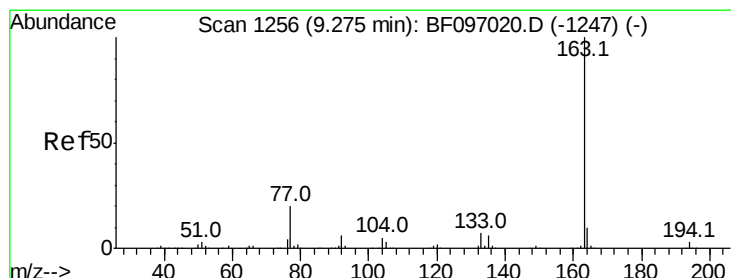
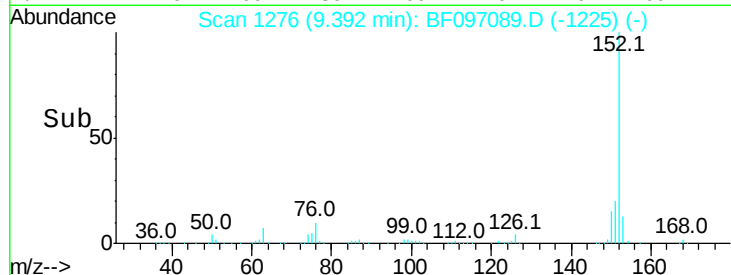
7/27/2017 12:31:30 PM



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



Time-->



#49

Dimethylphthalate

Concen: 49.419 ng

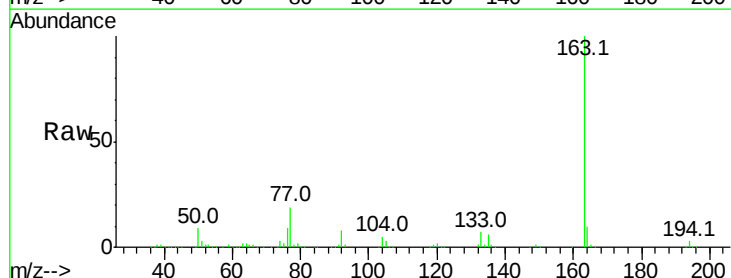
RT: 9.27 min Scan# 1256

Delta R.T. -0.00 min

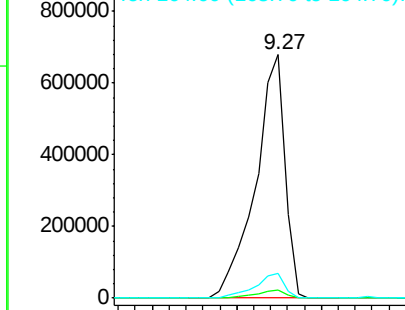
Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

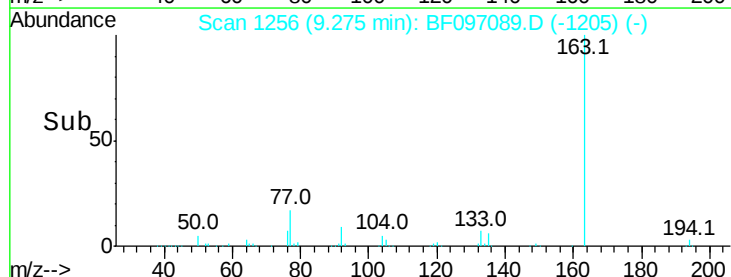
Tgt Ion:	163	Resp:	824179
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.3	8.4	12.6

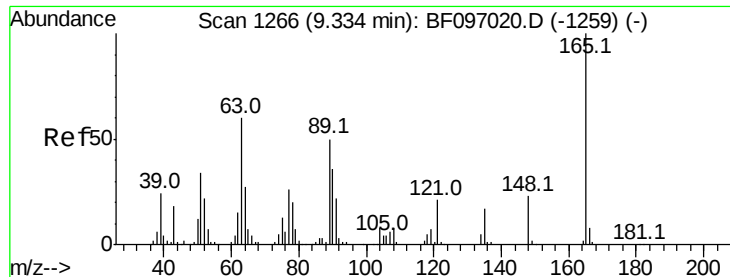


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#50
2,6-Dinitrotoluene
Concen: 41.748 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

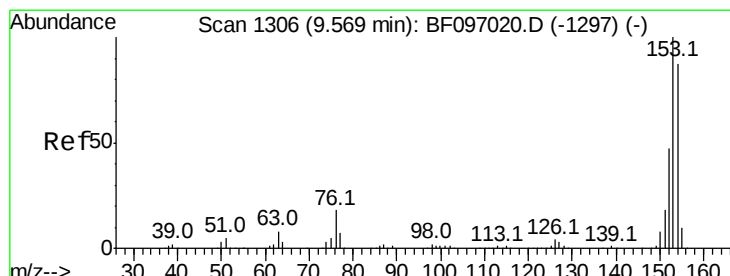
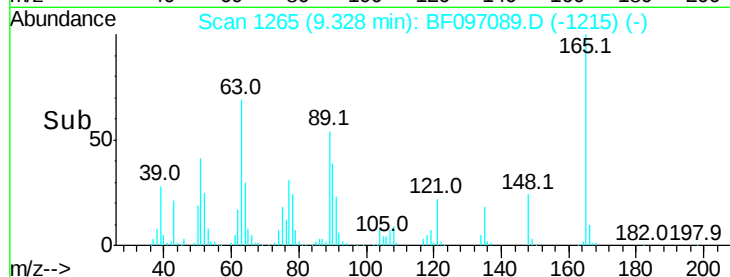
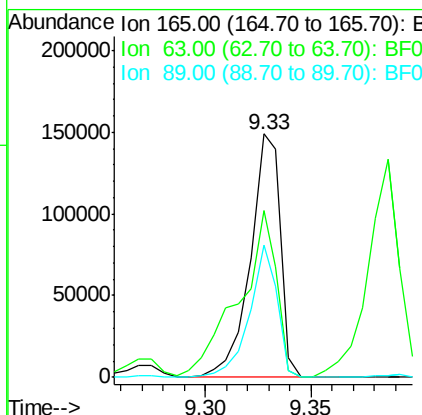
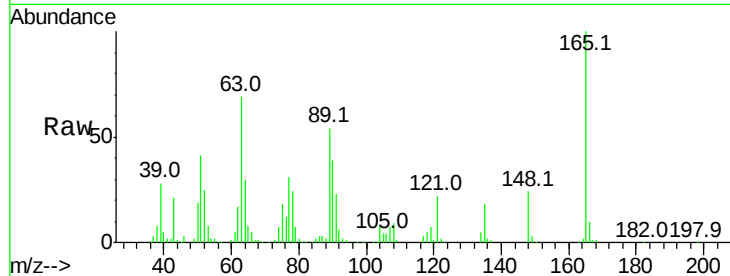
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	68.7	34.3	51.5#
89	54.4	37.1	55.7

Manual Integrations
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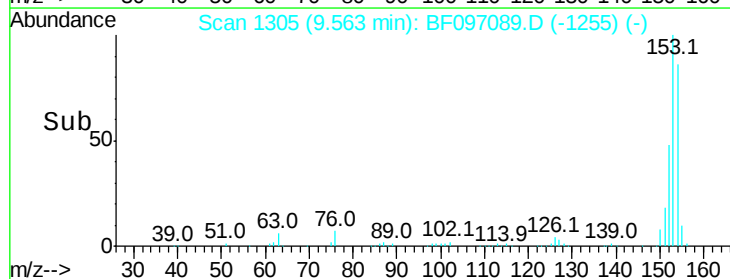
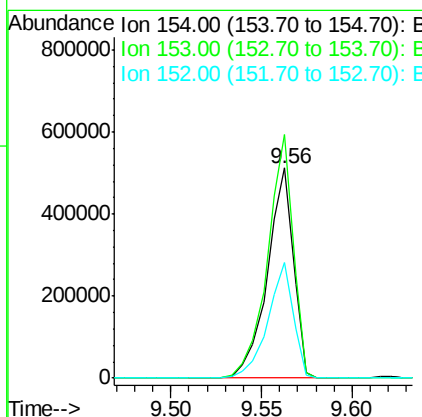
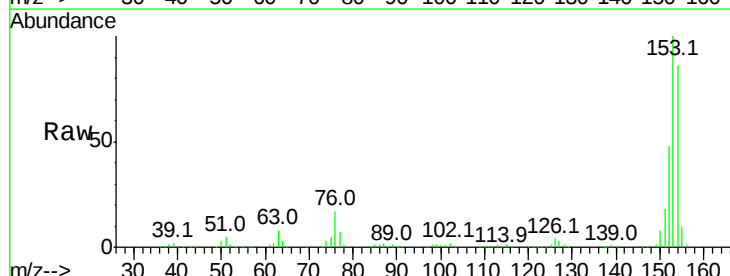
Sohil

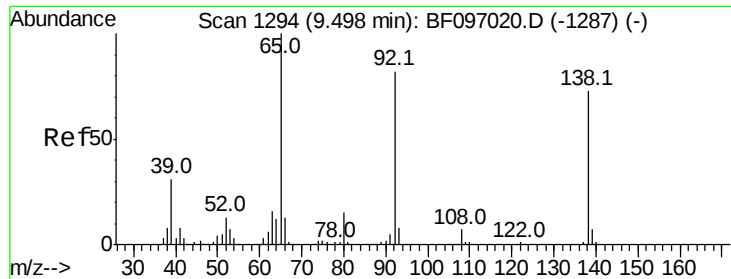
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#51
Acenaphthene
Concen: 40.852 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.9	90.5	135.7
152	55.2	43.6	65.4





#52

3-Nitroaniline

Concen: 36.266 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

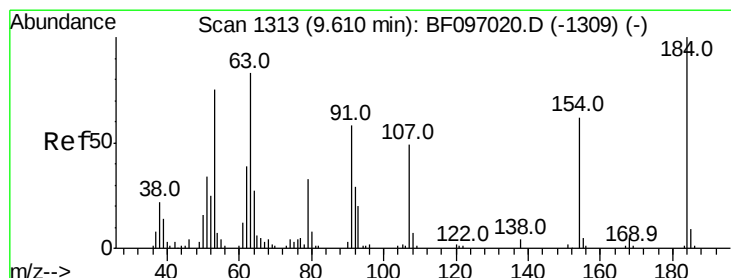
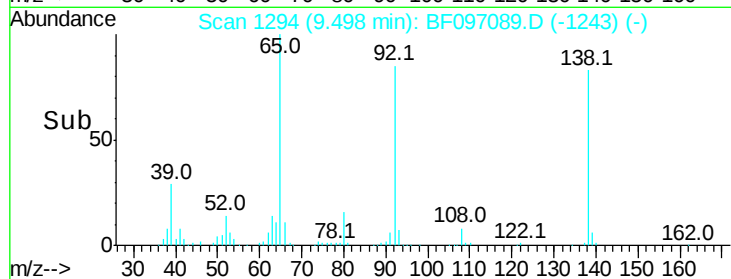
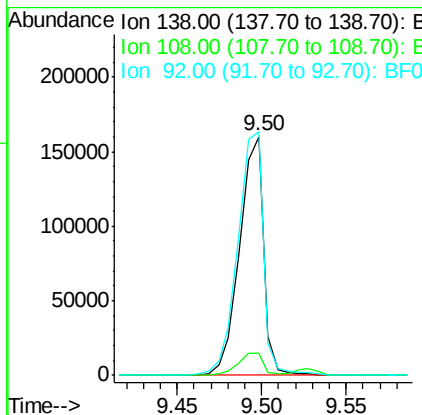
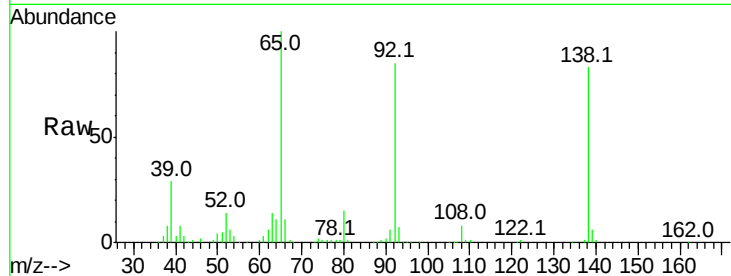
SB02AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.1	13.7
92	102.1	93.8	140.6

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 5.838 ng

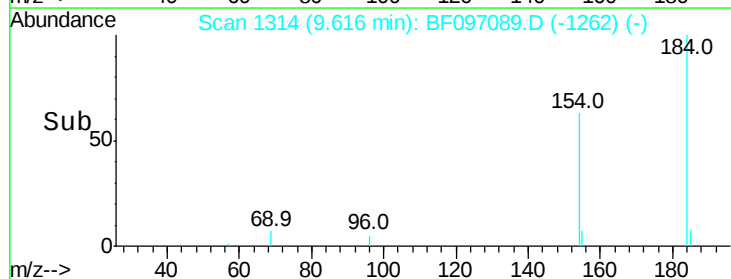
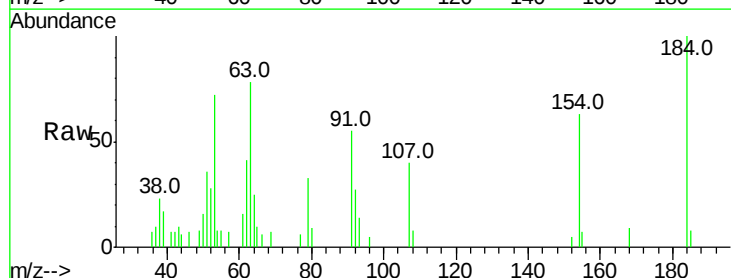
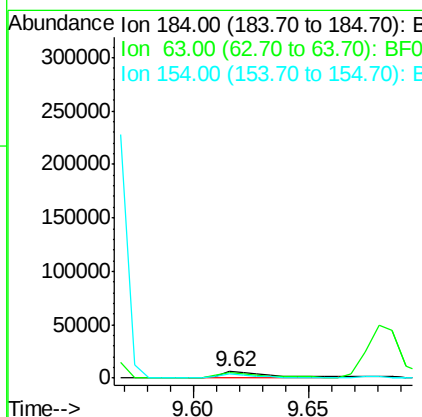
RT: 9.62 min Scan# 1314

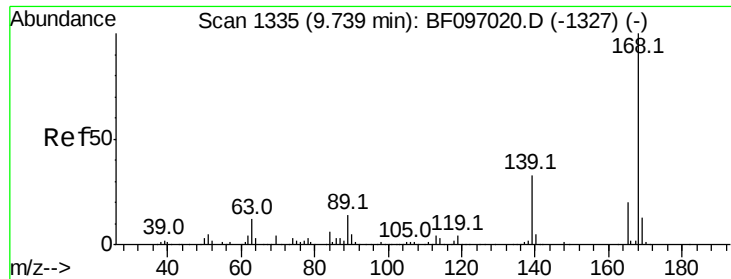
Delta R.T. 0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.3	62.7	94.1
154	63.0	81.1	121.7#





#54

Dibenzofuran

Concen: 41.581 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

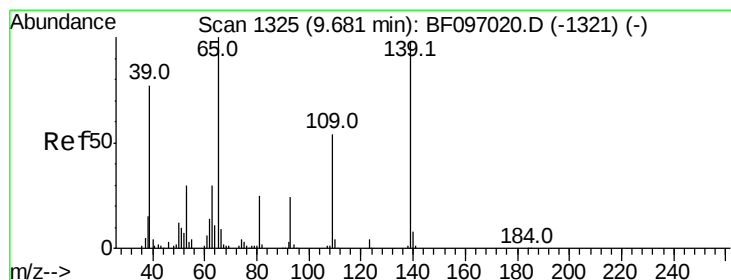
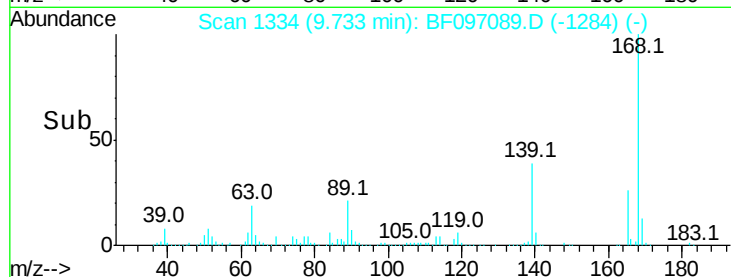
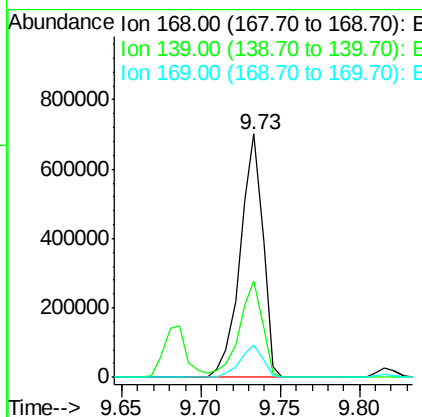
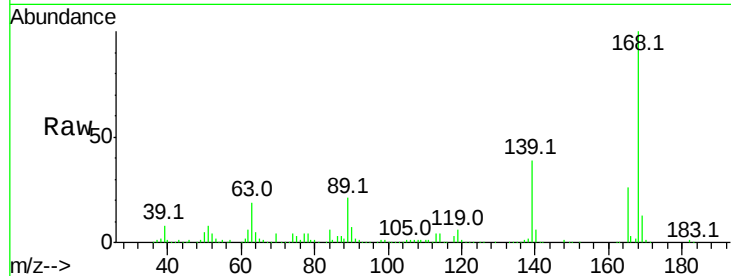
SB02AMSD

Tot Ion:	168	Resp:	691238
Ion Ratio	Lower	Upper	
168	100		
139	39.5	30.6	45.8
169	13.3	10.8	16.2

Manual Integrations
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#55

4-Nitrophenol

Concen: 57.561 ng

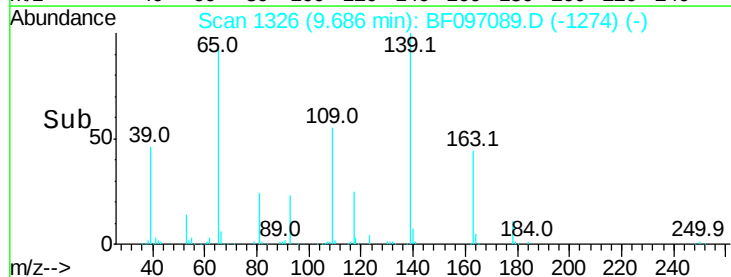
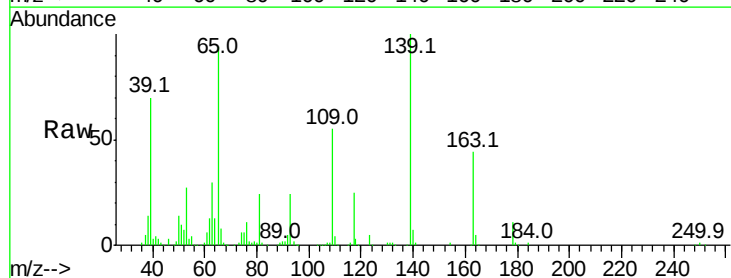
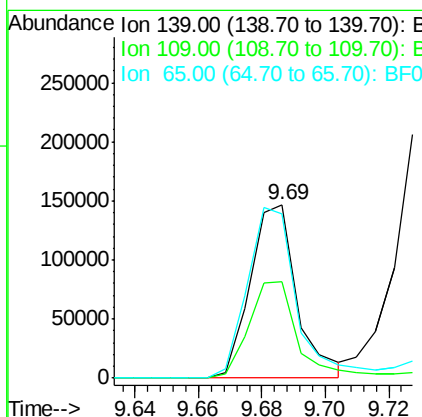
RT: 9.69 min Scan# 1326

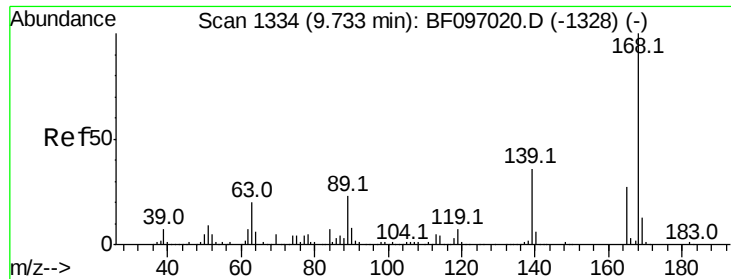
Delta R.T. 0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	139	Resp:	150289
Ion Ratio	Lower	Upper	
139	100		
109	55.4	34.1	74.1
65	94.4	31.4	71.4#





#56
 2,4-Dinitrotoluene
 Concen: 40.993 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

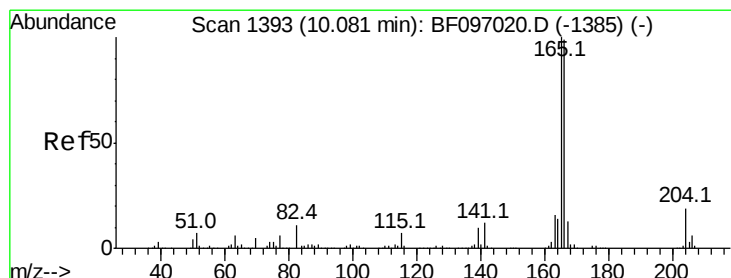
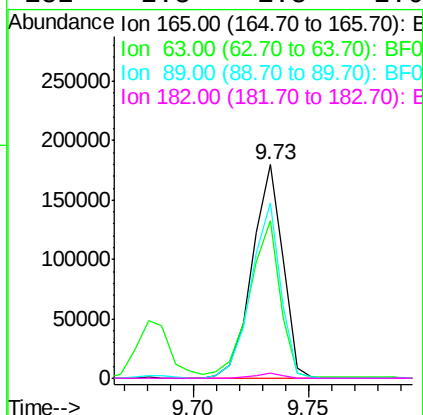
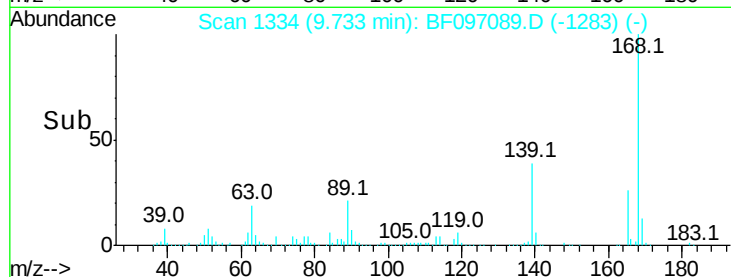
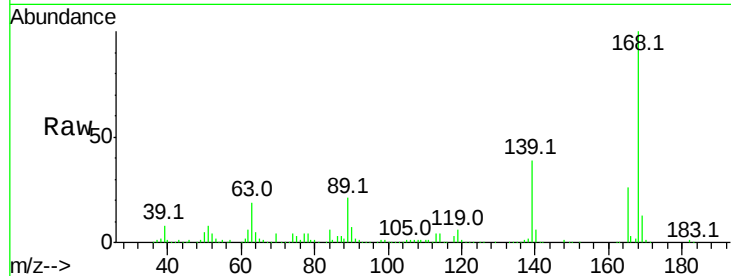
Instrument :
 BNA_F
 ClientSampled :
 SB02AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166687		
63	73.6	25.4	38.0#	
89	82.2	46.4	69.6#	
182	2.3	1.8	2.6	

Manual Integrations
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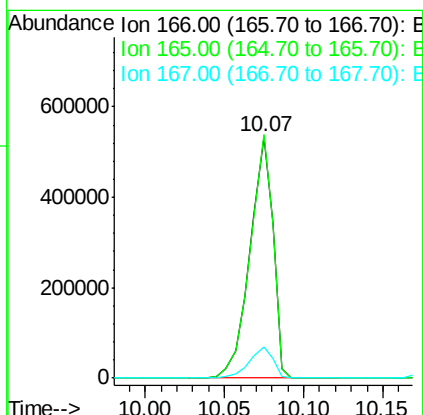
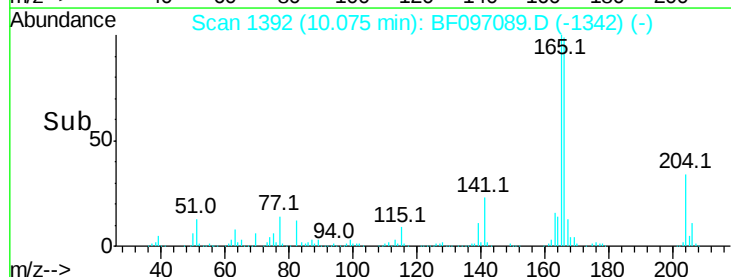
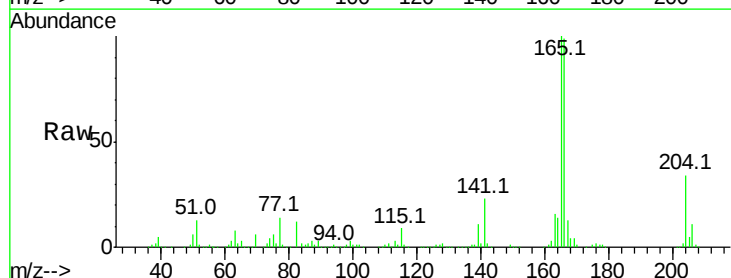
Sohil

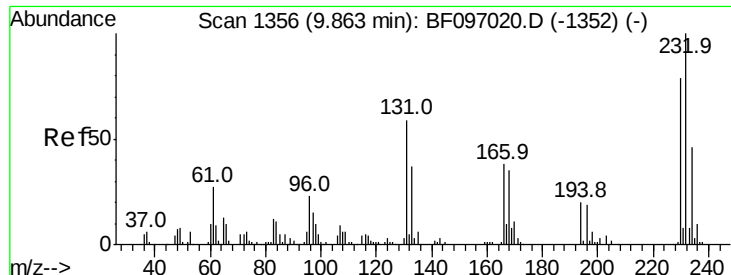
7/27/2017 12:31:30 PM



#57
 Fluorene
 Concen: 43.116 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	538710		
165	100.8	78.8	118.2	
167	12.9	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.045 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

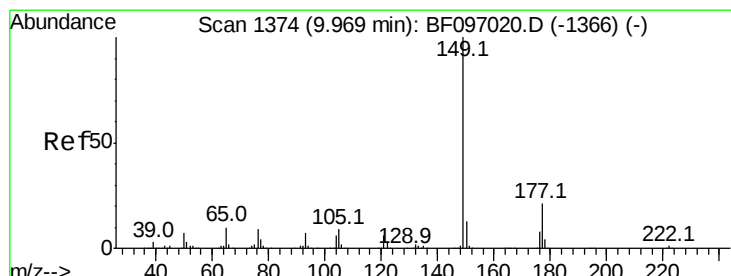
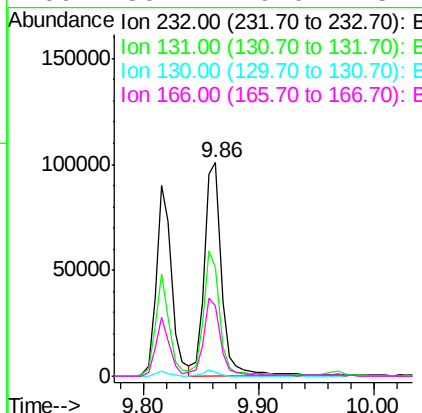
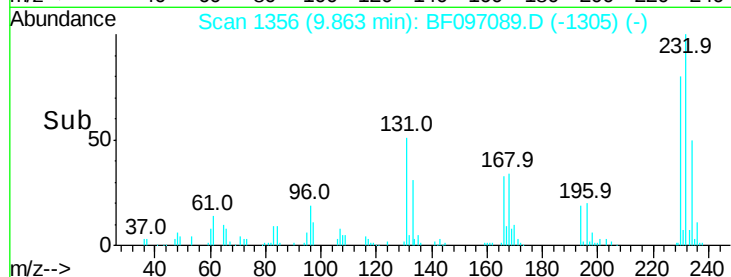
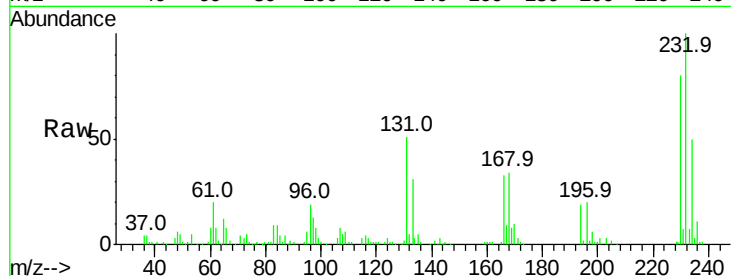
Instrument :
 BNA_F
 ClientSampled :
 SB02AMSD

Tot Ion:	232	Resp:	105784
Ion Ratio	Lower	Upper	
232	100		
131	56.2	44.8	67.2
130	2.4	2.3	3.5
166	36.7	29.0	43.4

Manual Integrations
 APPROVED

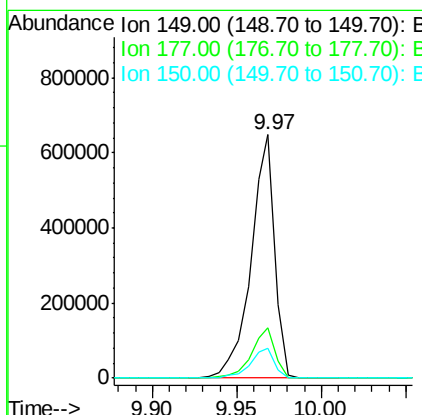
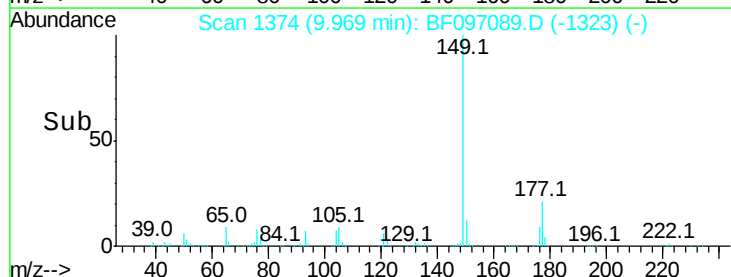
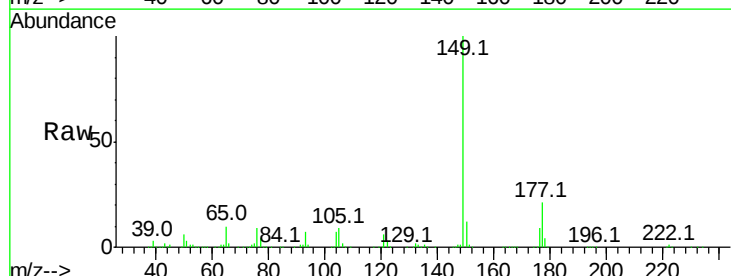
Sohil

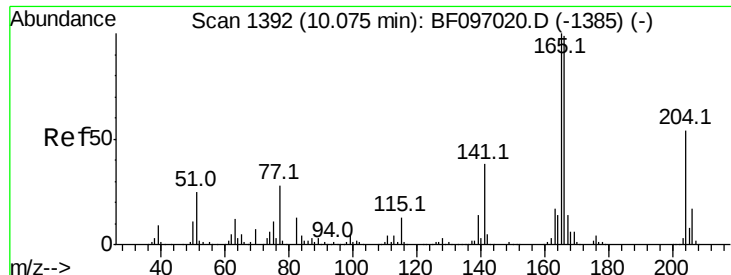
7/27/2017 12:31:30 PM



#59
 Diethylphthalate
 Concen: 41.348 ng
 RT: 9.97 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:	149	Resp:	632639
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.7	25.1
150	12.5	10.2	15.2





#60
 4-Chlorophenyl-phenylether
 Concen: 42.312 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

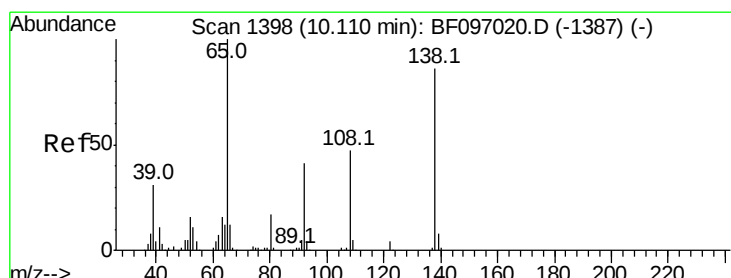
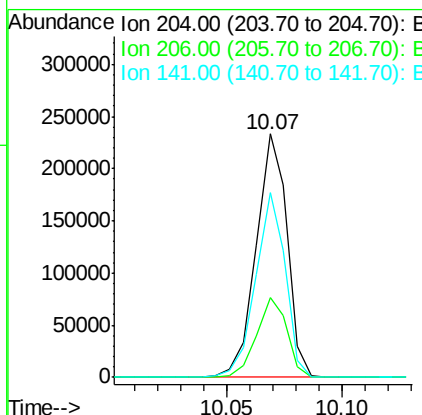
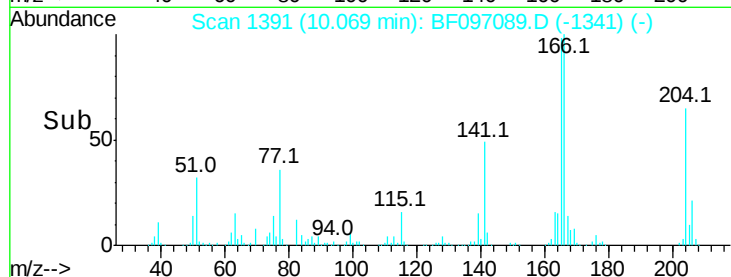
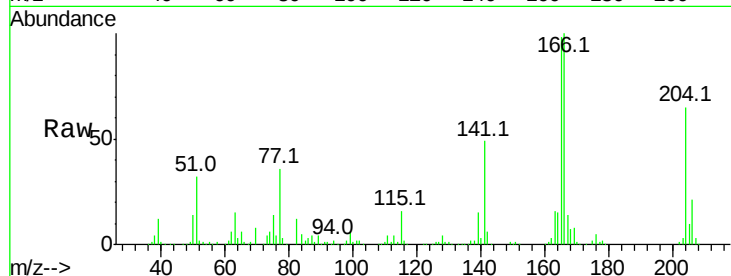
Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	76.1	60.8	91.2

Manual Integrations
 APPROVED

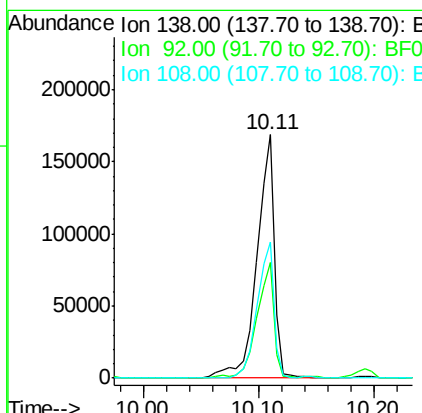
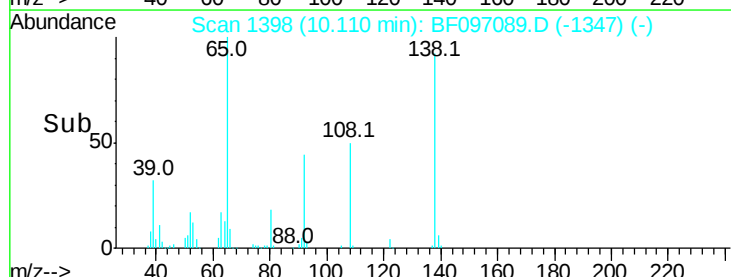
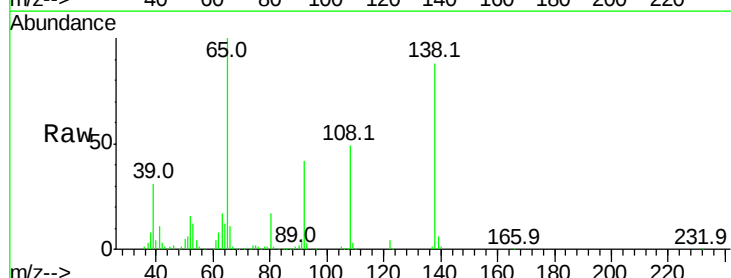
Sohil

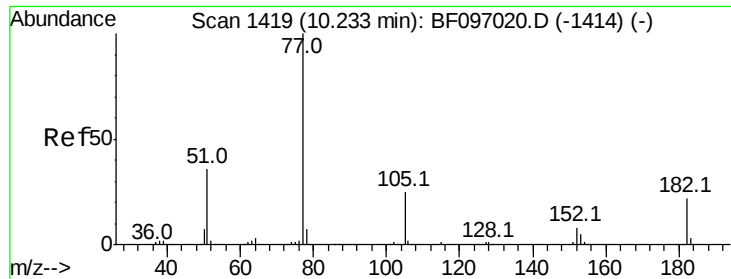
7/27/2017 12:31:30 PM



#61
 4-Nitroaniline
 Concen: 42.916 ng
 RT: 10.11 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	21.8	61.8
108	55.7	42.3	82.3





#62

Azobenzene

Concen: 45.035 ng

RT: 10.23 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB02AMSD

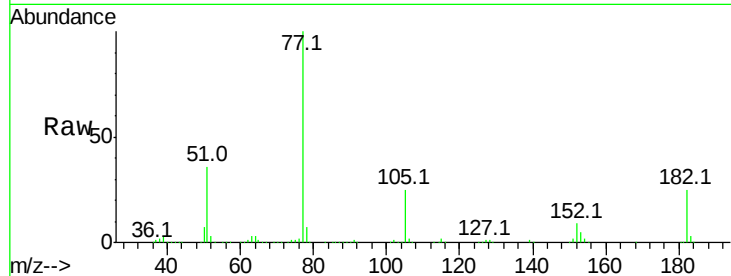
Tot Ion: 77 Resp: 639230

Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.1	40.1
105	24.9	3.6	43.6
51	36.2	9.4	49.4

Manual Integrations
APPROVED

Sohil

7/27/2017 12:31:30 PM



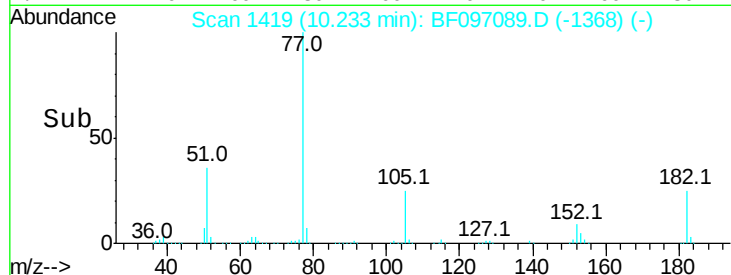
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

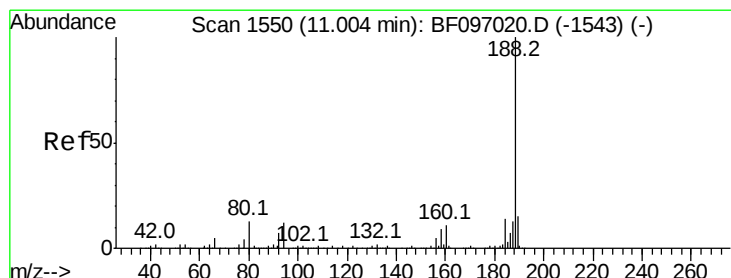
Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion: 188 Resp: 337237

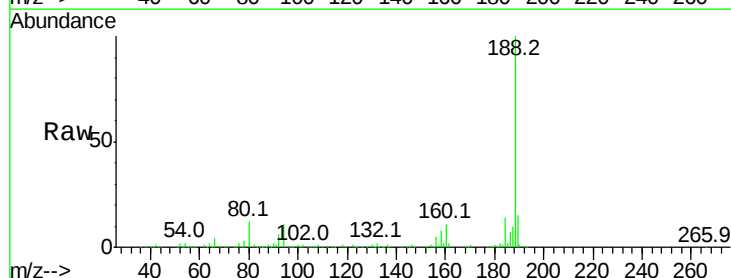
Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.8	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): BF0

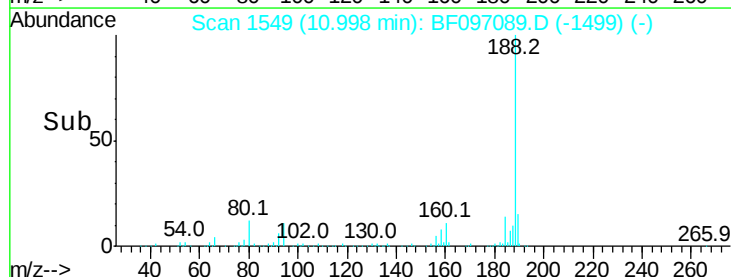
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

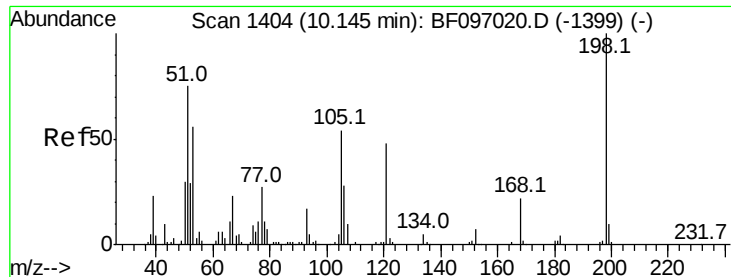
Time-->



Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 21.476 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB02AMSD

Tot Ion:198 Resp: 45004

Ion Ratio Lower Upper

198 100

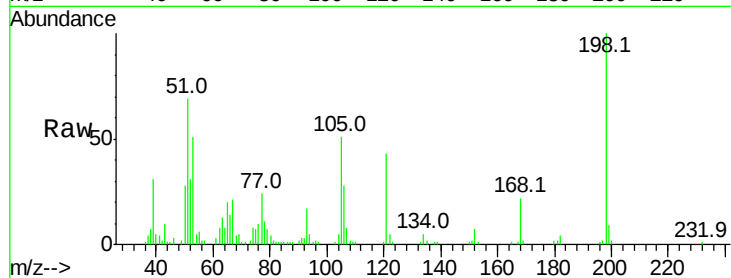
51 68.8 53.2 93.2

105 50.8 45.8 85.8

Manual Integrations
APPROVED

Sohil

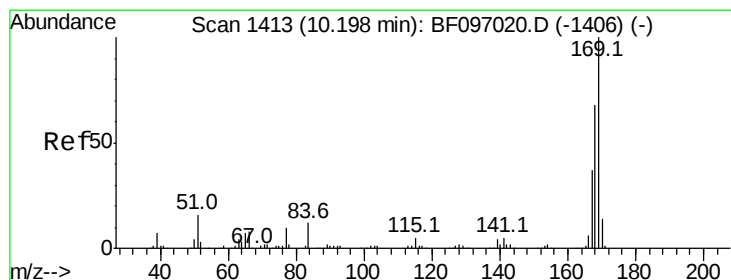
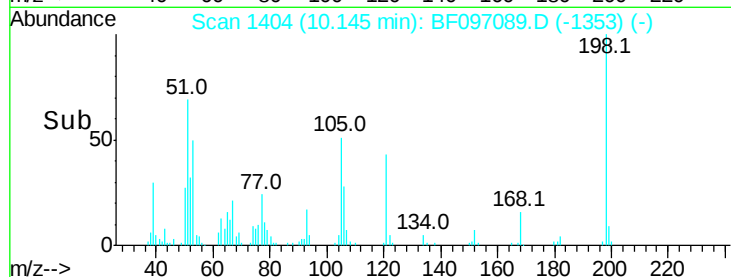
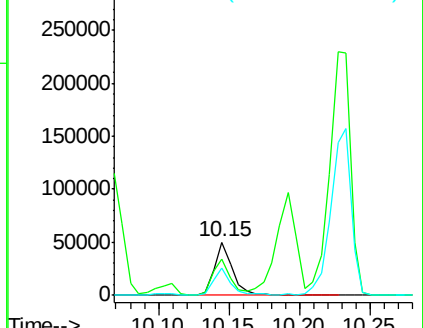
7/27/2017 12:31:30 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 43.281 ng

RT: 10.19 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

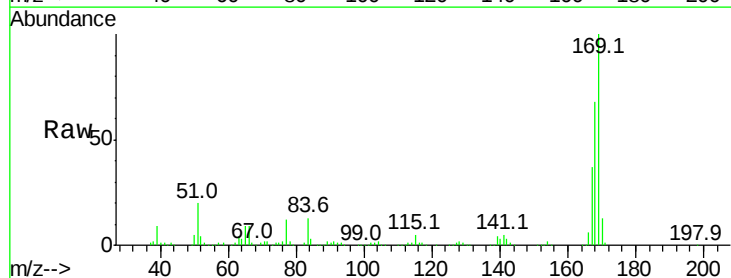
Tgt Ion:169 Resp: 507848

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

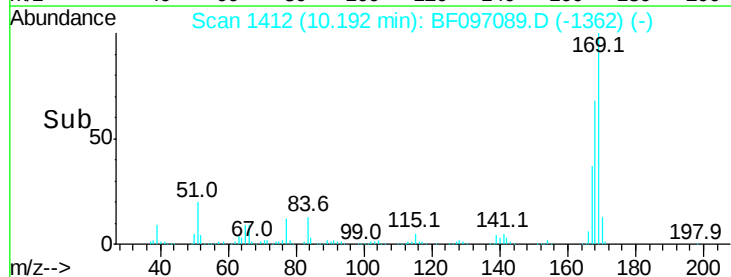
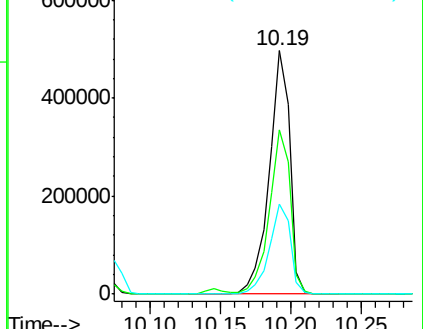
167 37.2 29.5 44.3

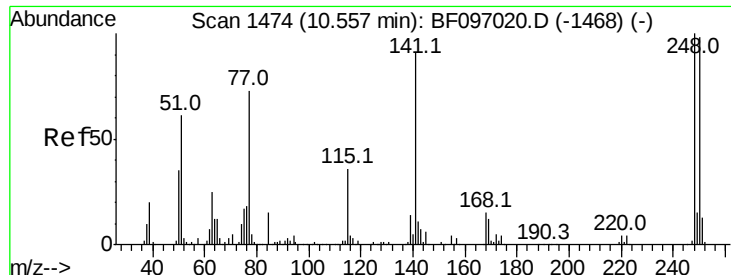


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
4-Bromophenyl-phenylether
Concen: 47.028 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

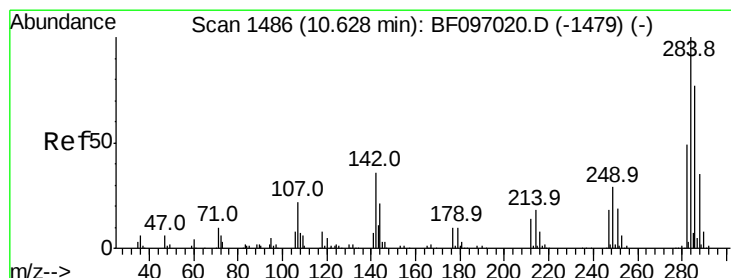
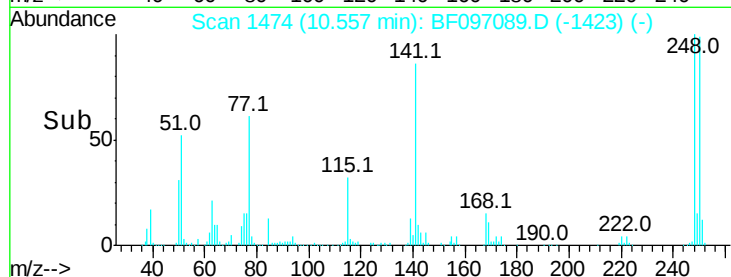
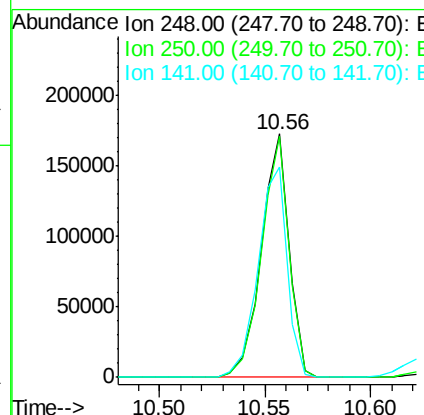
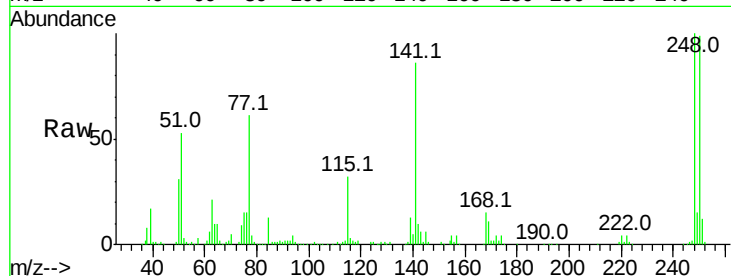
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.8	115.2
141	86.4	68.6	103.0

Manual Integrations
APPROVED

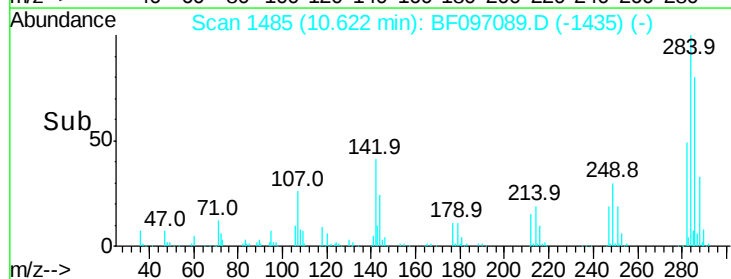
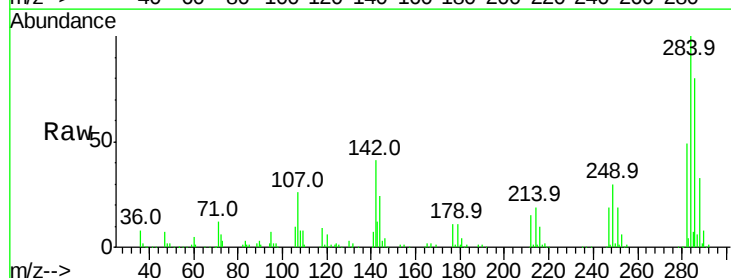
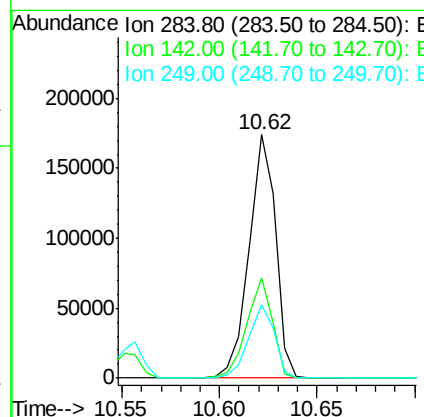
Sohil

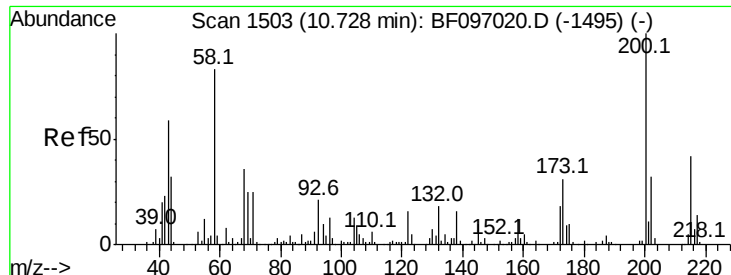
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#67
Hexachlorobenzene
Concen: 43.594 ng
RT: 10.62 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.4	22.8	34.2#
249	30.3	24.0	36.0





#68
Atrazine
Concen: 48.739 ng
RT: 10.73 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

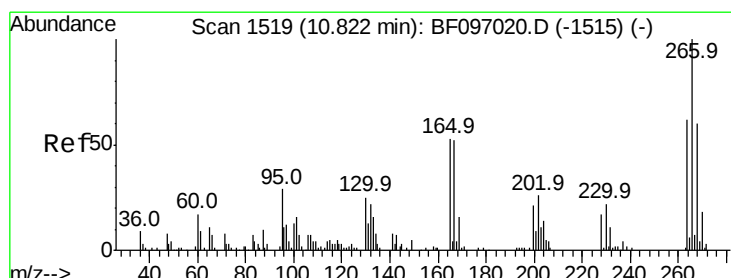
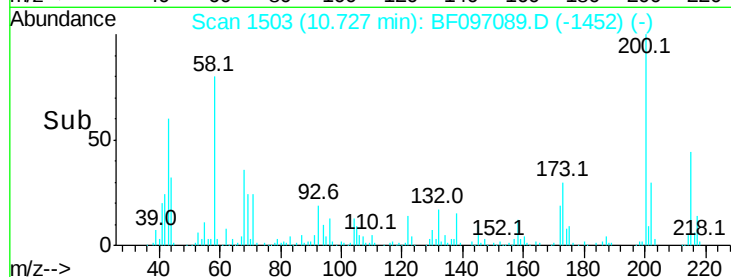
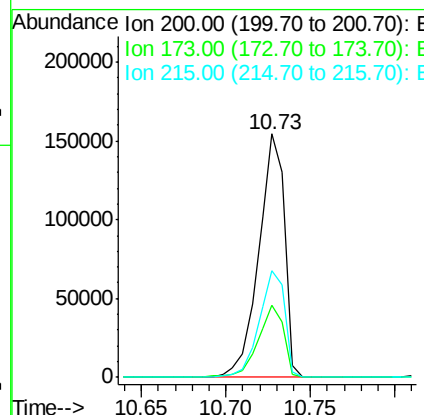
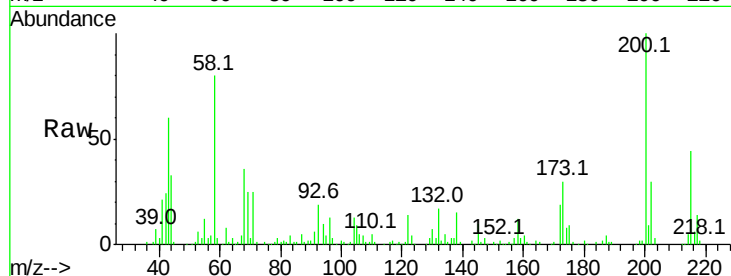
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	43.7	27.2	67.2

Manual Integrations
APPROVED

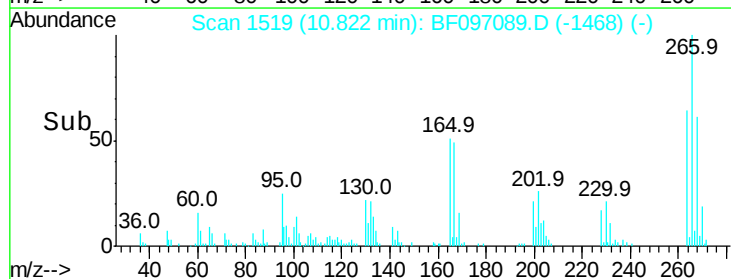
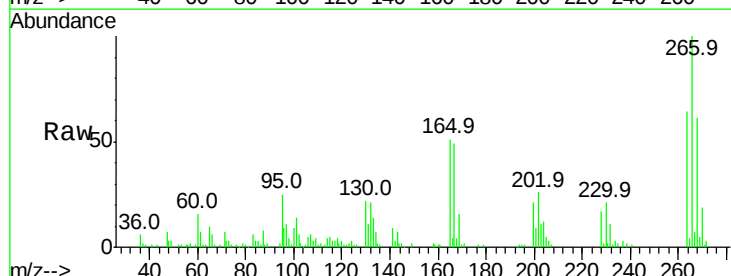
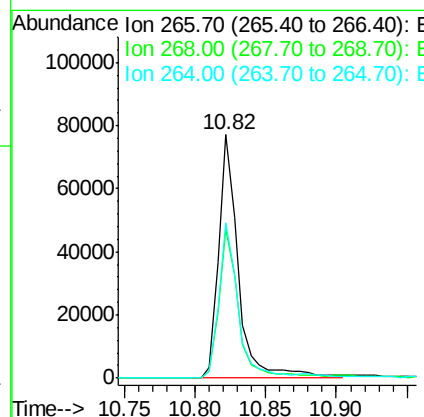
Sohil

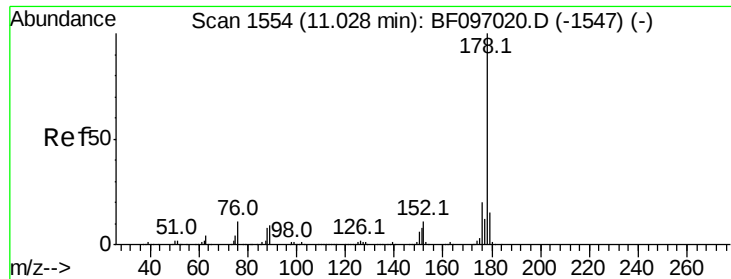
7/27/2017 12:31:30 PM



#69
Pentachlorophenol
Concen: 48.218 ng
RT: 10.82 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	63.7	51.7	77.5





#70
Phenanthrene
Concen: 45.035 ng
RT: 11.03 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

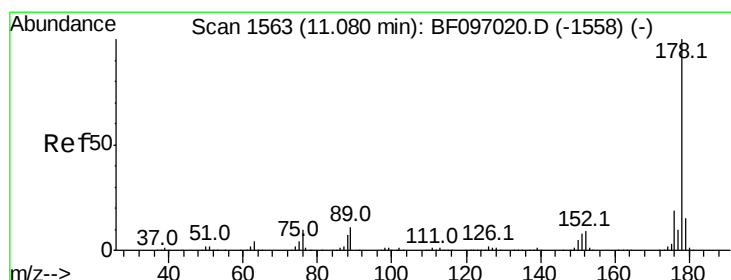
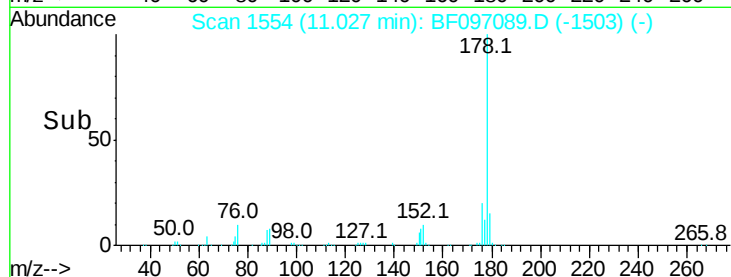
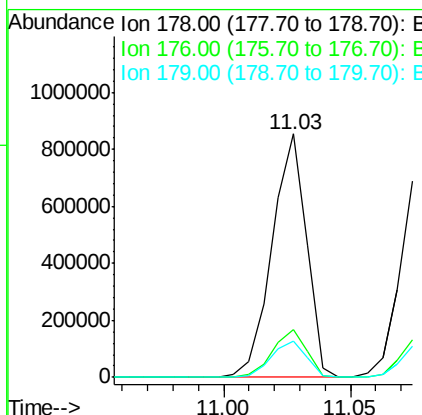
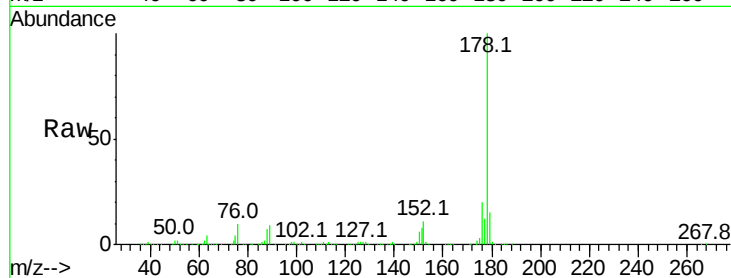
Instrument :
BNA_F
ClientSampled :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	14.7	12.6	19.0

Manual Integrations
APPROVED

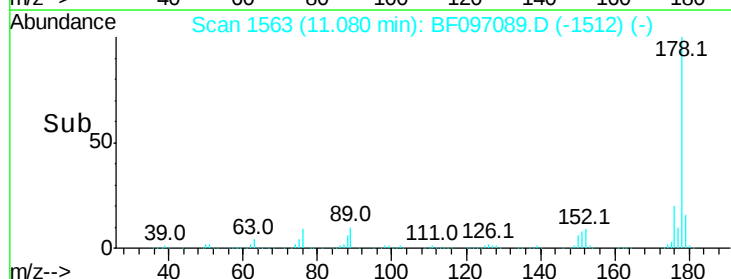
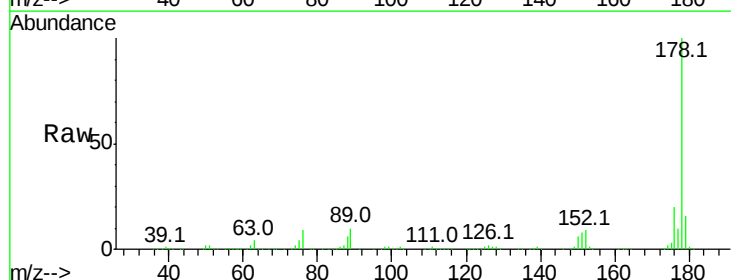
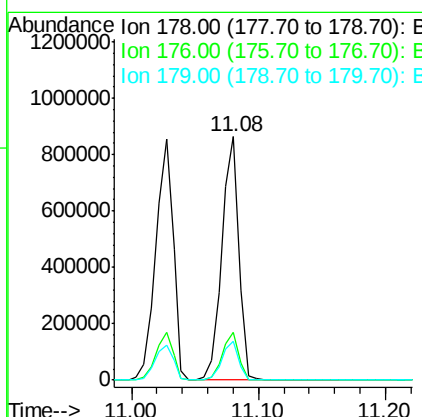
Sohil

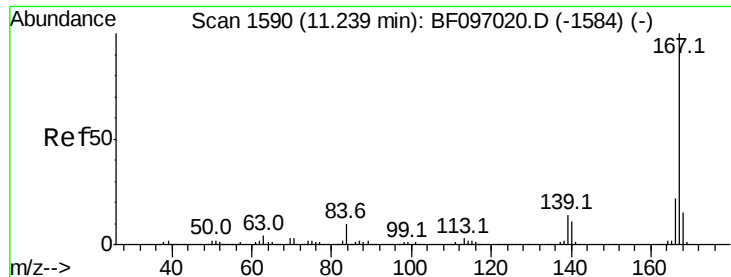
7/27/2017 12:31:30 PM



#71
Anthracene
Concen: 43.740 ng
RT: 11.08 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.7	19.1





#72
 Carbazole
 Concen: 46.039 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

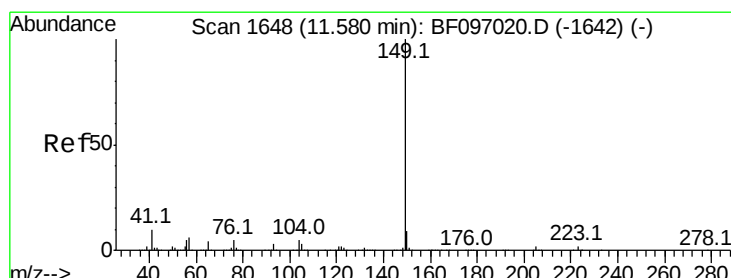
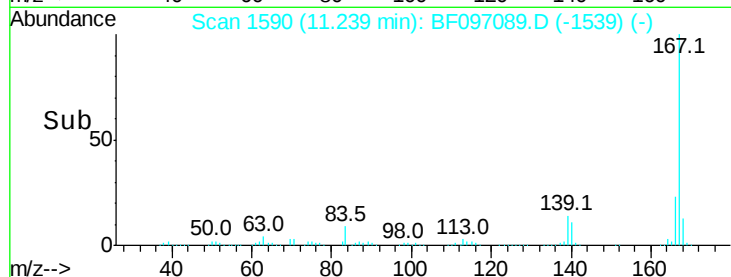
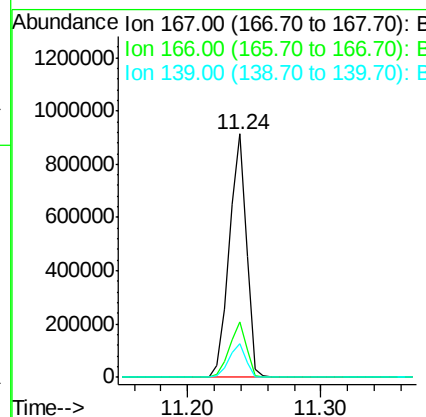
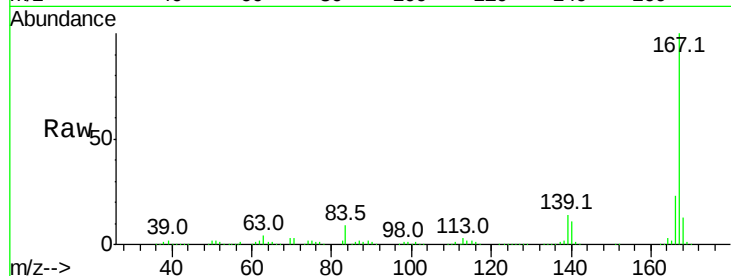
Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.0	11.7	17.5

Manual Integrations
 APPROVED

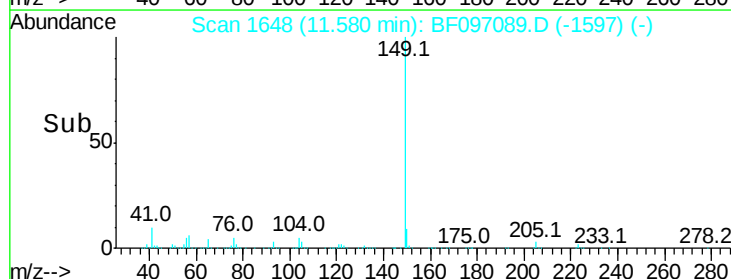
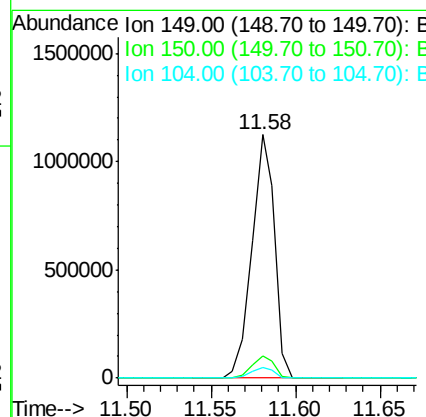
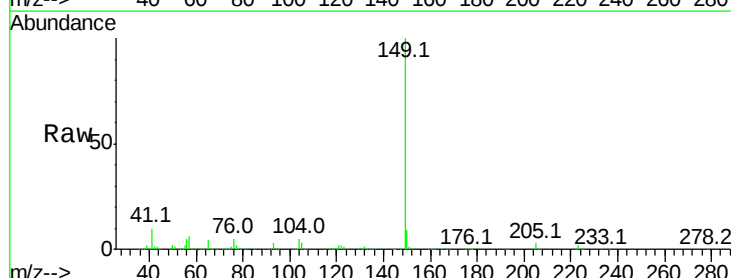
Sohil

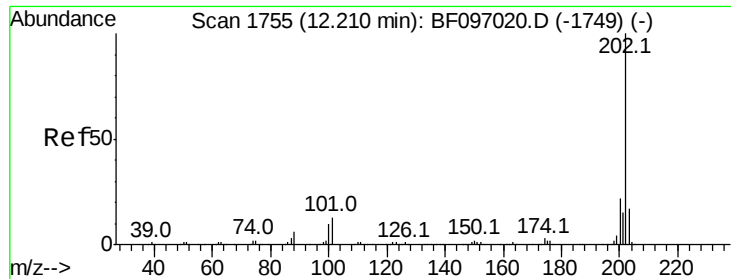
7/27/2017 12:31:30 PM



#73
 Di-n-butylphthalate
 Concen: 46.809 ng
 RT: 11.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0





#74

Fluoranthene

Concen: 44.678 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

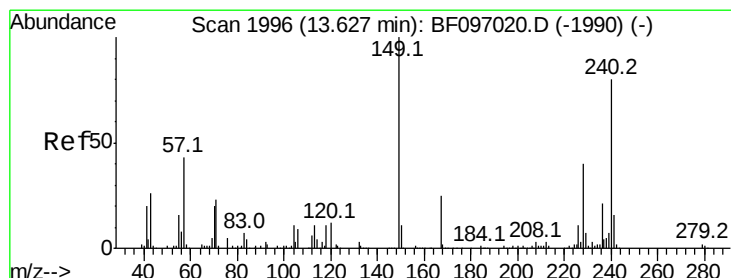
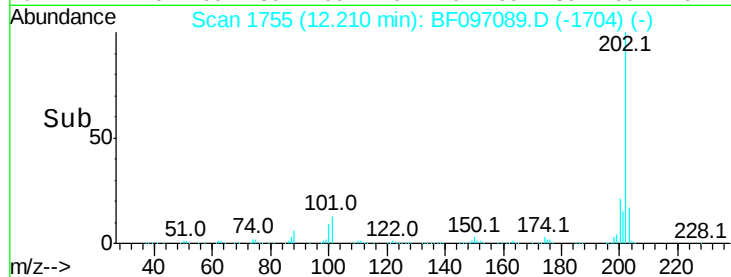
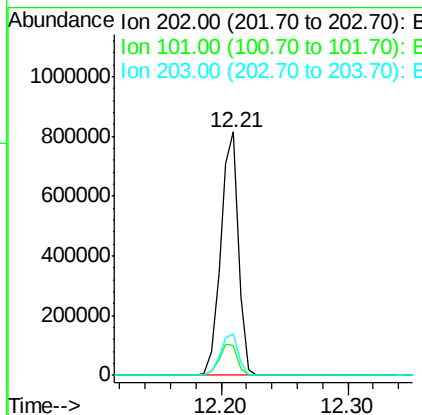
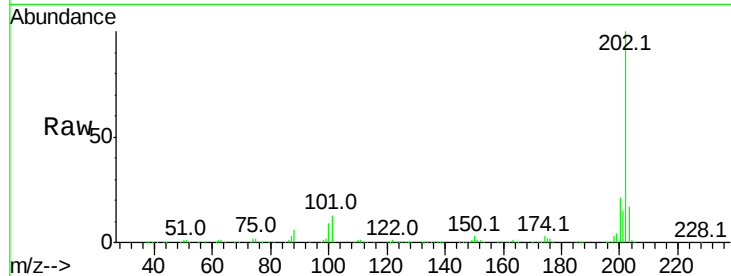
SB02AMSD

Tot Ion:	202	Resp:	790866
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.2
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

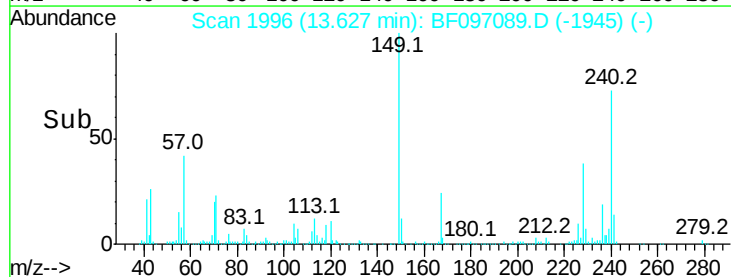
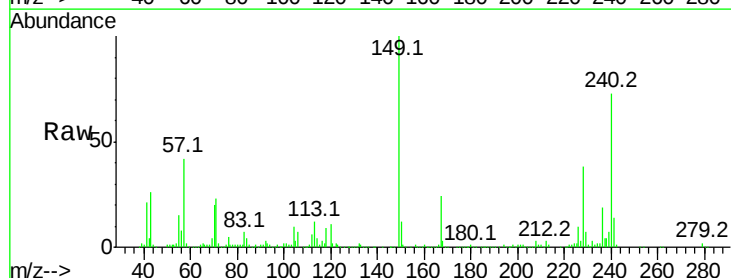
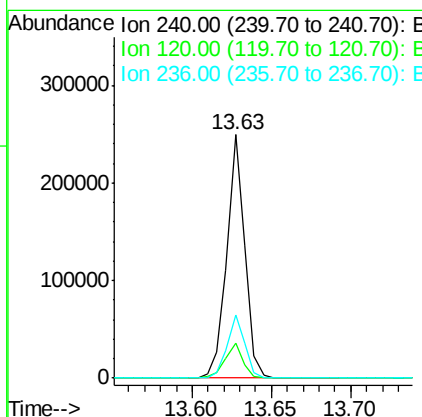
RT: 13.63 min Scan# 1996

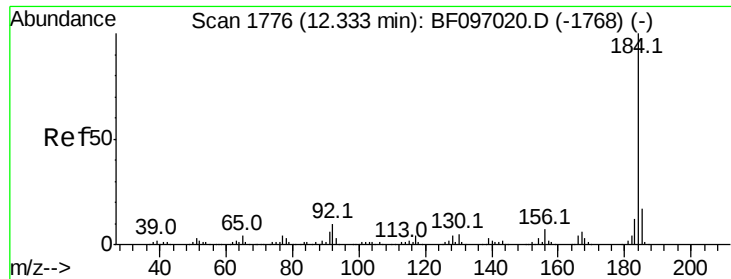
Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:	240	Resp:	196422
Ion Ratio	Lower	Upper	
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7





#76

Benzidine

Concen: 8.023 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SB02AMSD

Tot Ion:184 Resp: 58472

Ion Ratio Lower Upper

184 100

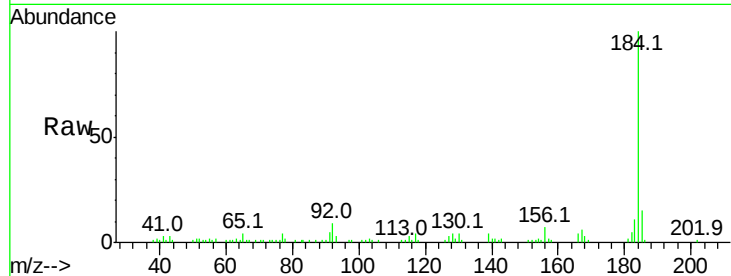
185 15.4 15.5 23.3#

183 11.2 9.8 14.6

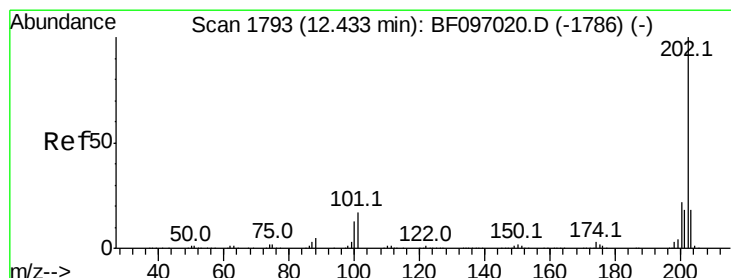
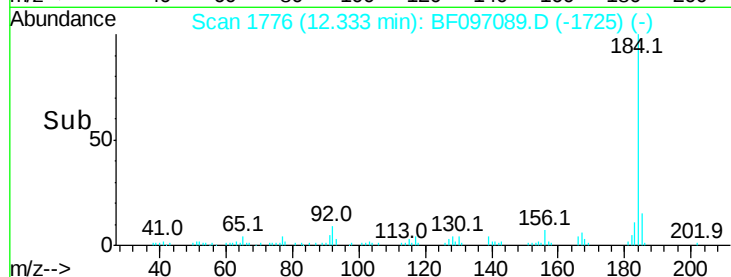
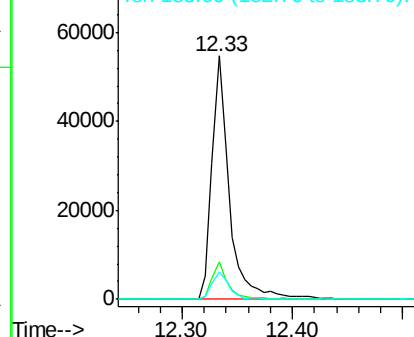
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.153 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

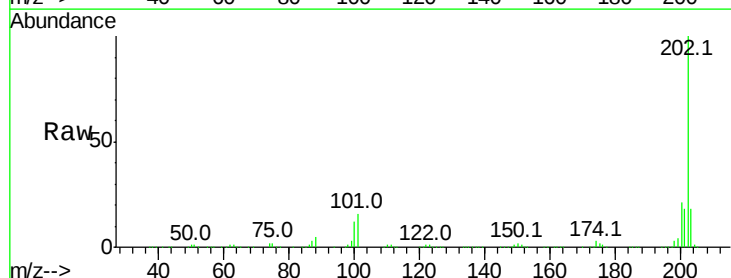
Tgt Ion:202 Resp: 774315

Ion Ratio Lower Upper

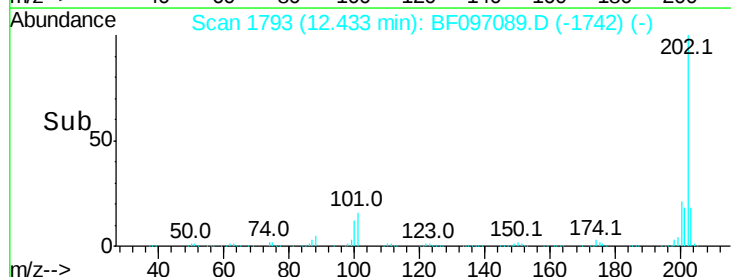
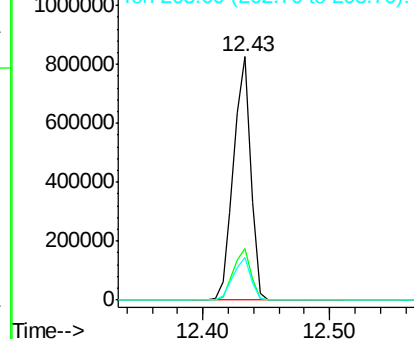
202 100

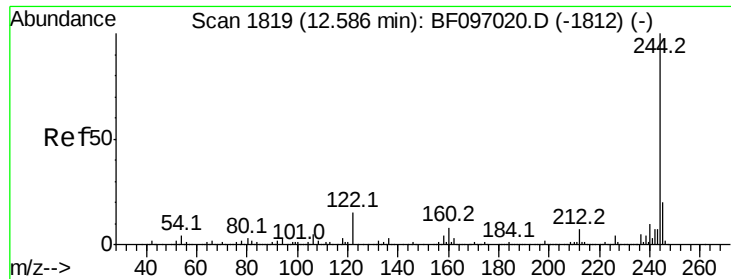
200 21.3 17.6 26.4

203 17.6 14.4 21.6



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: 84.967 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

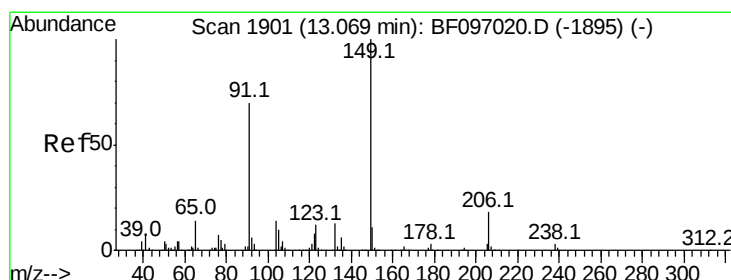
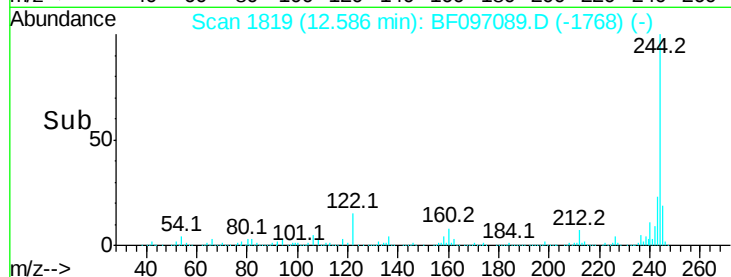
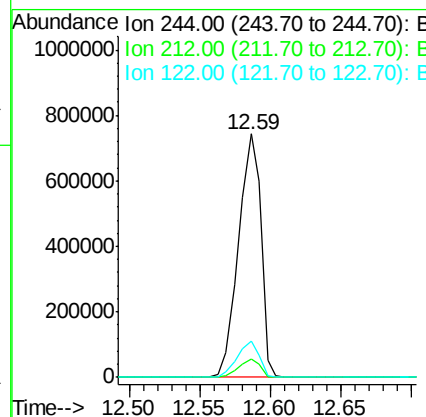
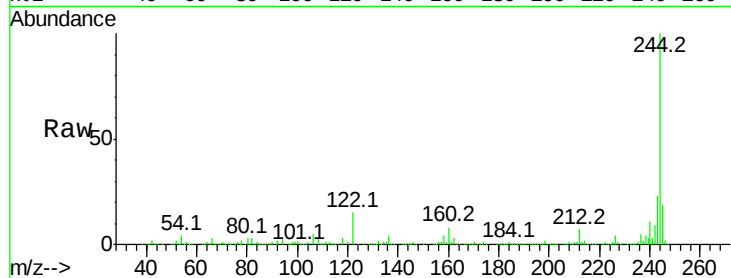
Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.8	10.3	15.5

Manual Integrations
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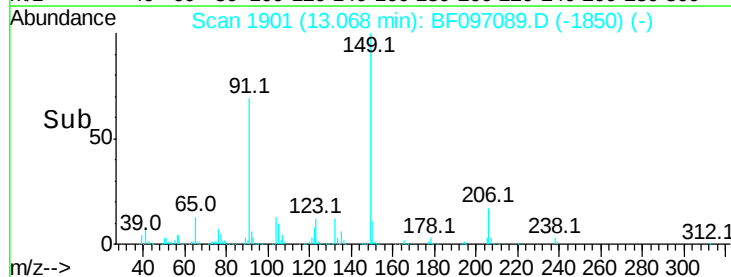
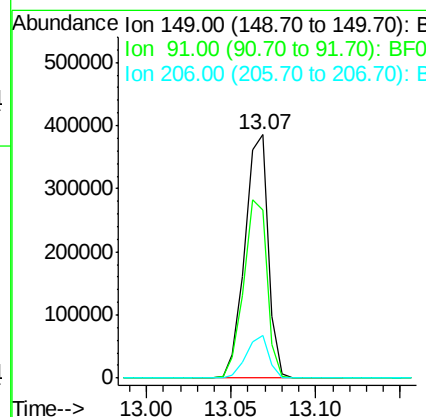
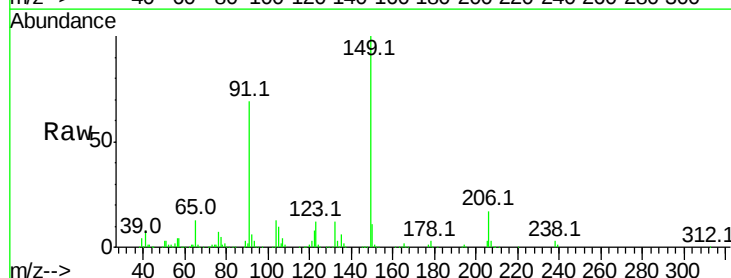
Sohil

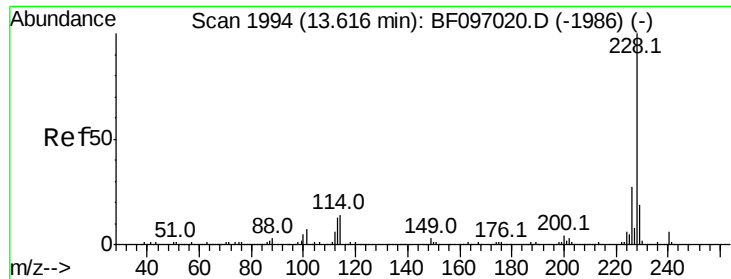
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#79
 Butylbenzylphthalate
 Concen: 45.507 ng
 RT: 13.07 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	45.0	67.4#
206	17.3	17.0	25.6





#80
Benzo(a)anthracene
Concen: 43.586 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

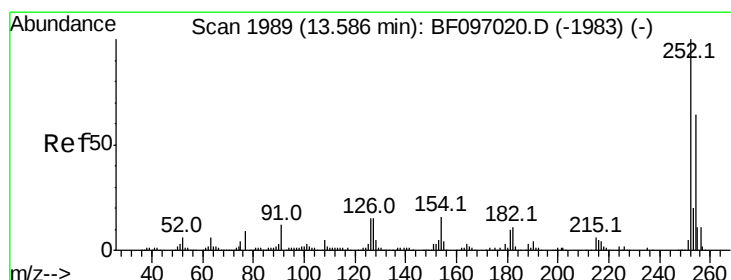
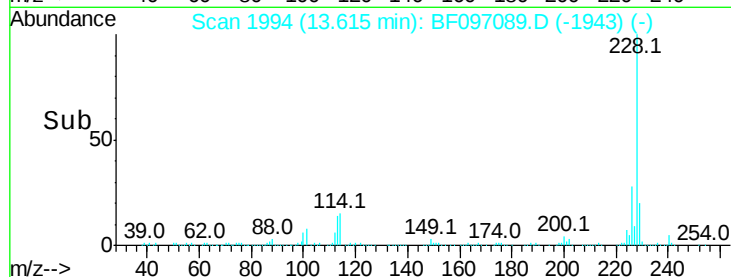
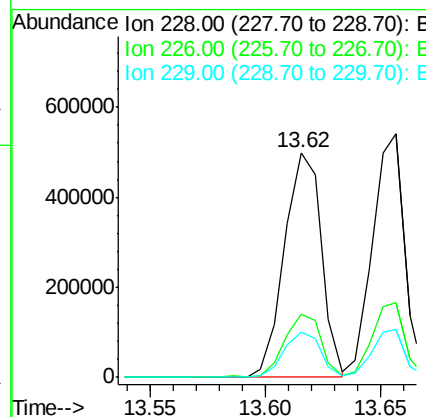
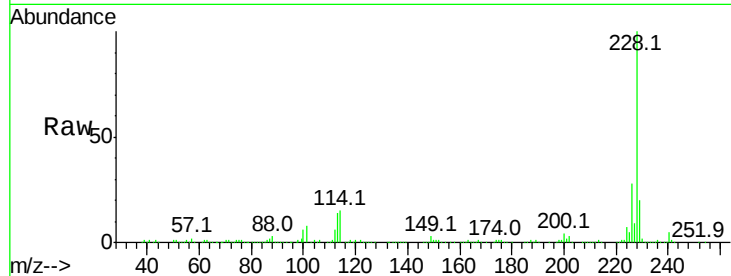
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.3	16.3	24.5

Manual Integrations
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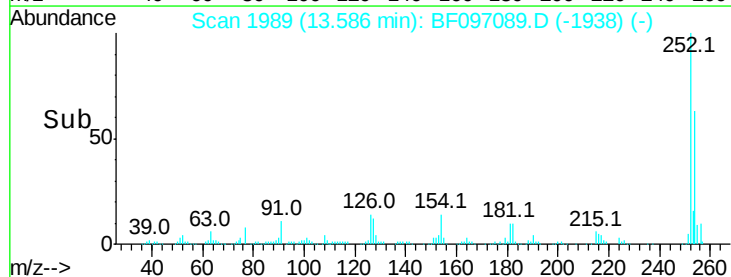
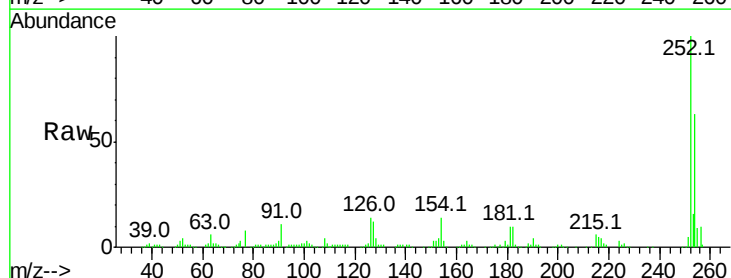
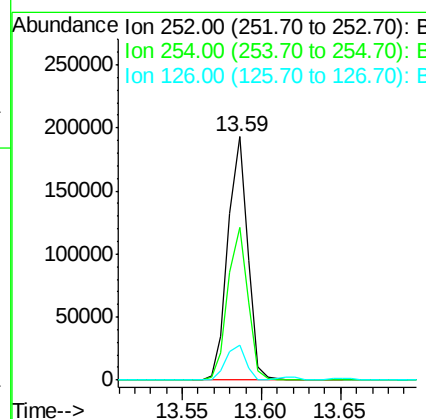
Sohil

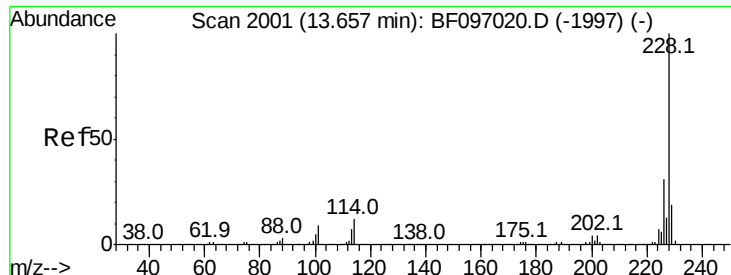
7/27/2017 12:31:30 PM



#81
3,3'-Dichlorobenzidine
Concen: 34.891 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	14.3	15.8	23.8





#82
 Chrysene
 Concen: 42.132 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

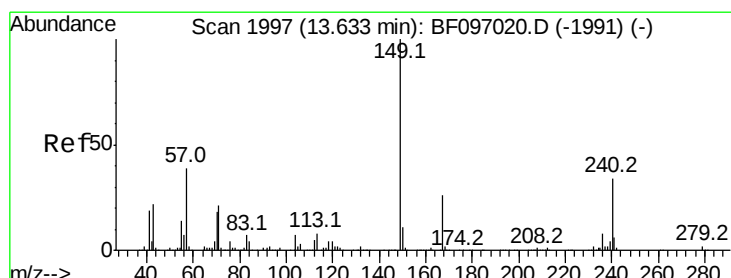
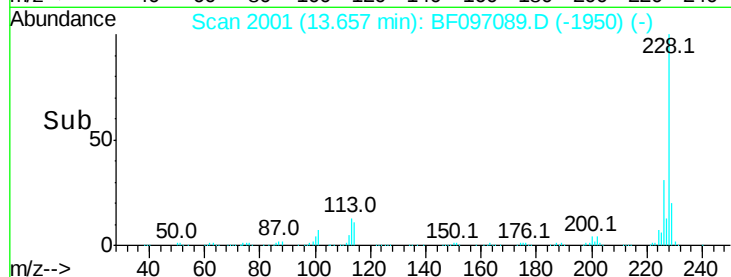
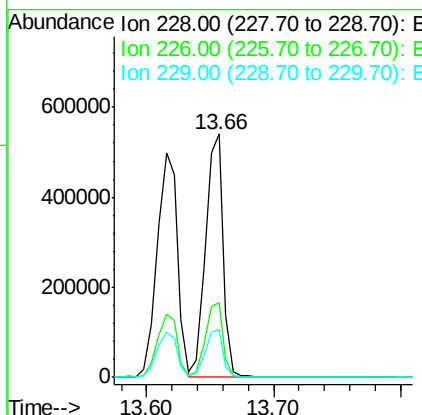
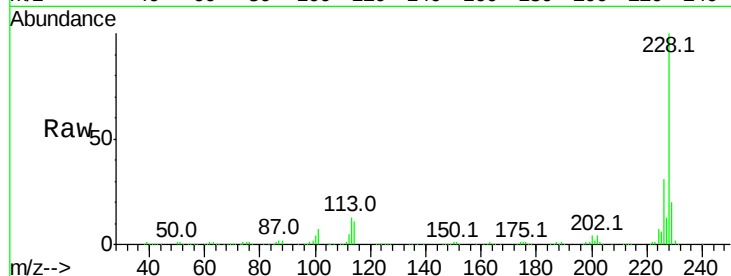
Instrument :
 BNA_F
 ClientSampleId :
 SB02AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.7	15.8	23.6

Manual Integrations
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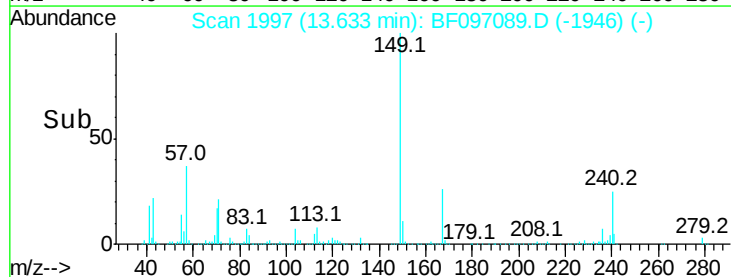
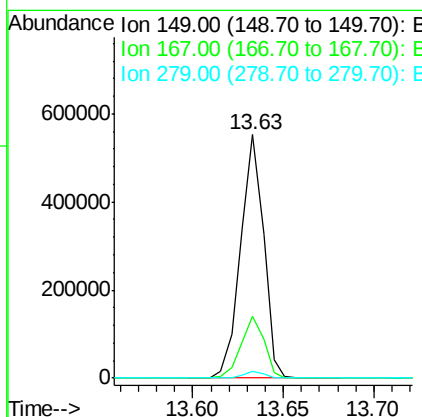
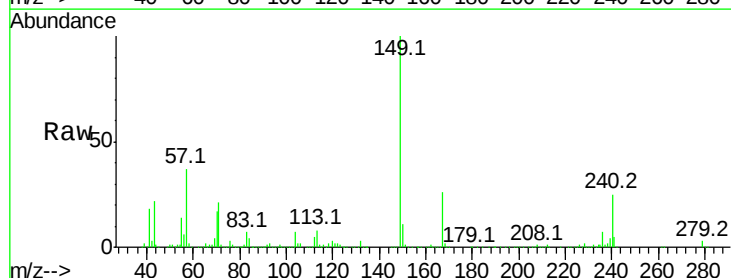
Sohil

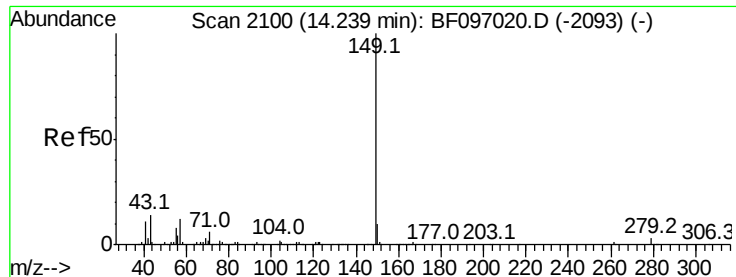
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.826 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	2.7	1.9	2.9





#84
Di-n-octyl phthalate
Concen: 43.623 ng
RT: 14.24 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

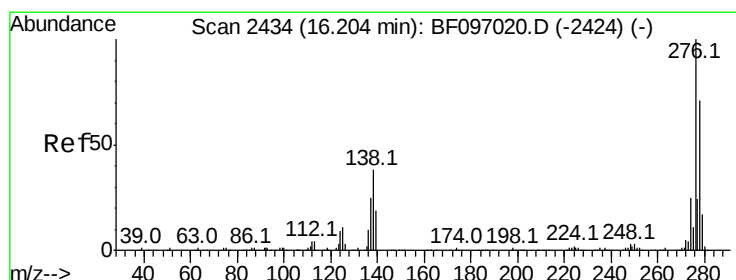
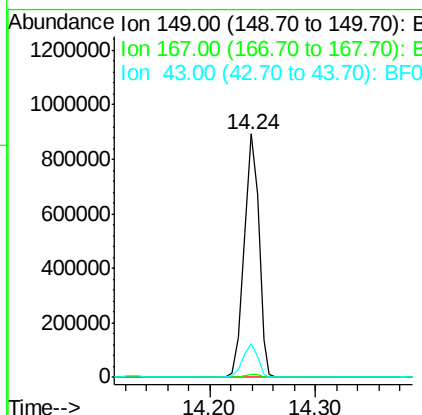
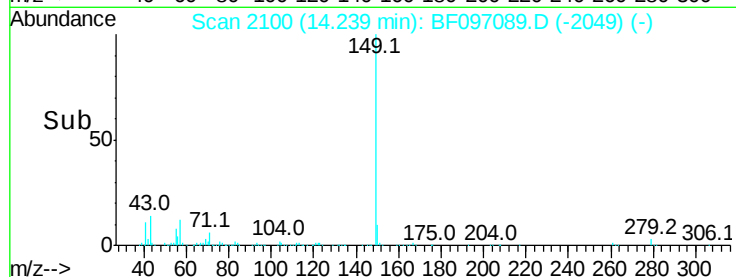
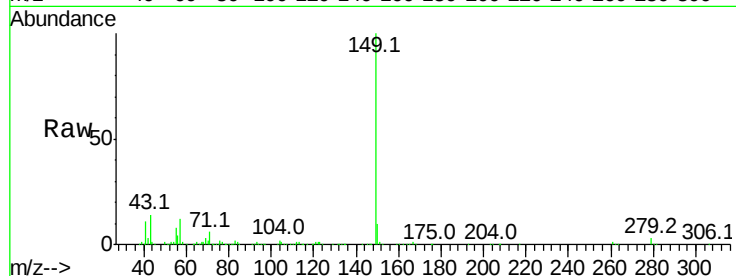
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.5	8.5	12.7	

Manual Integrations
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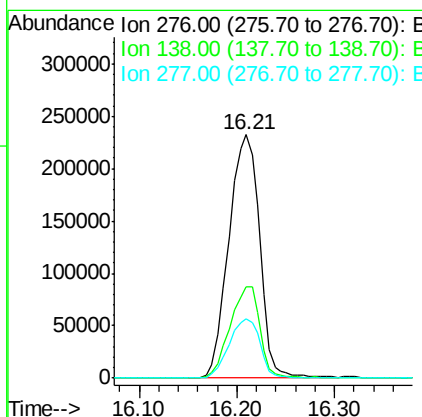
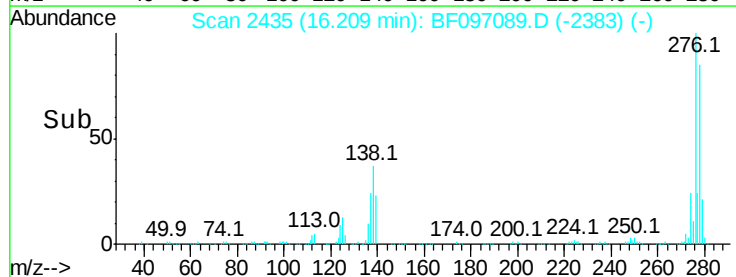
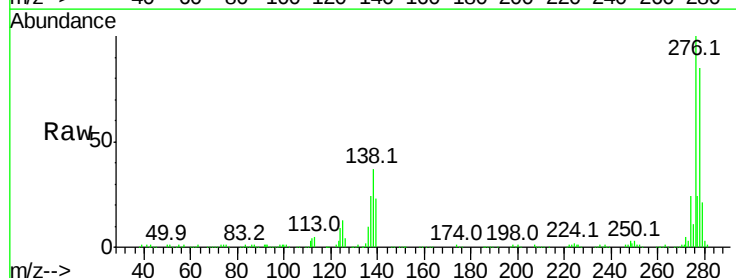
Sohil

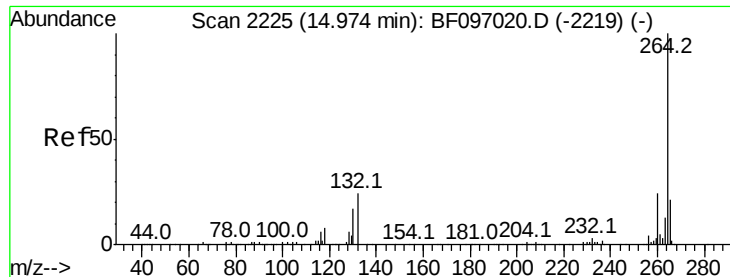
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#85
Indeno(1,2,3-cd)pyrene
Concen: 47.835 ng
RT: 16.21 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	37.0	27.8	41.6	
277	24.7	20.2	30.4	





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

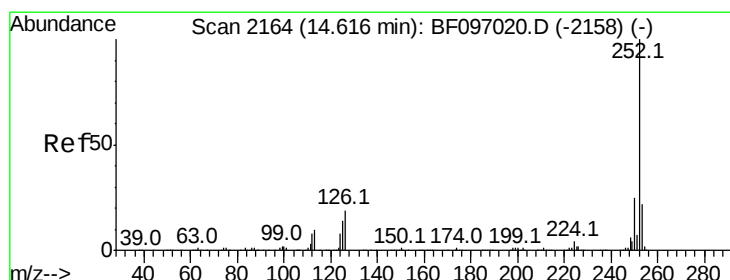
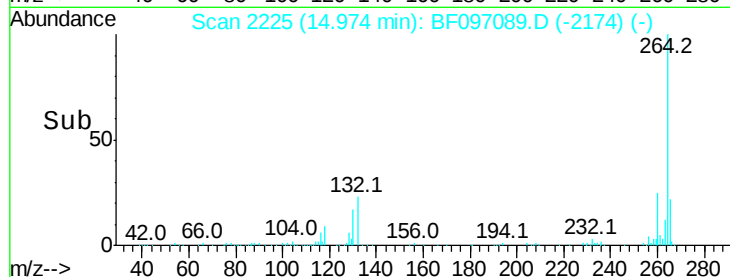
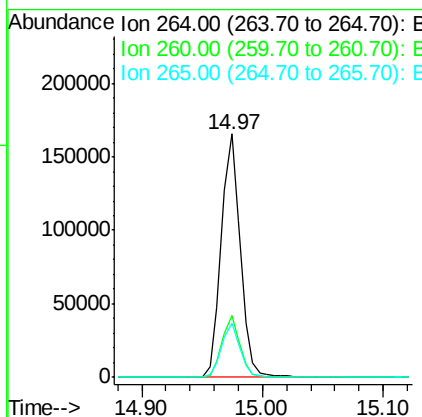
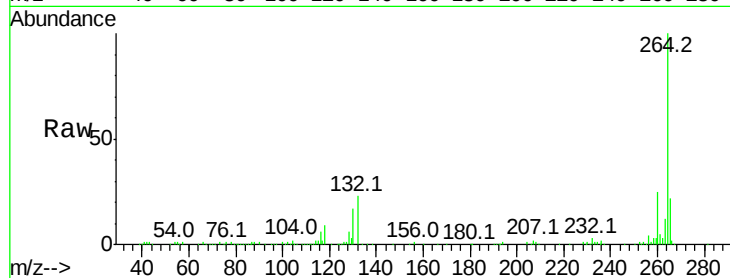
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.2	25.8

Manual Integrations
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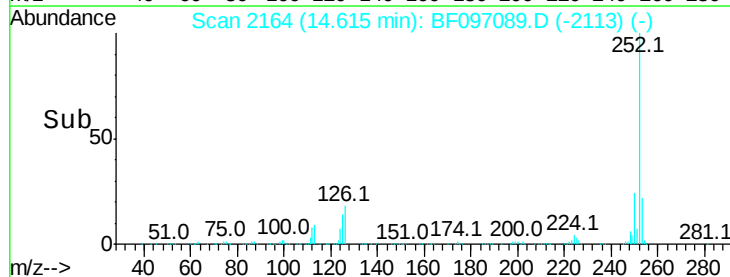
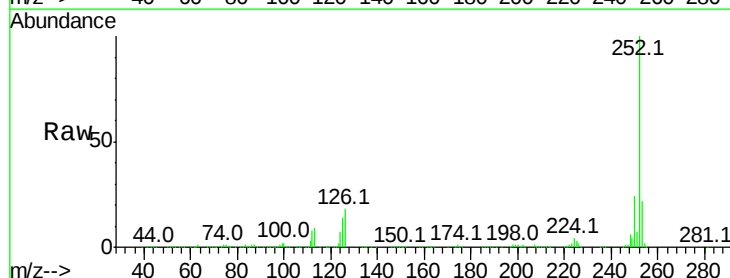
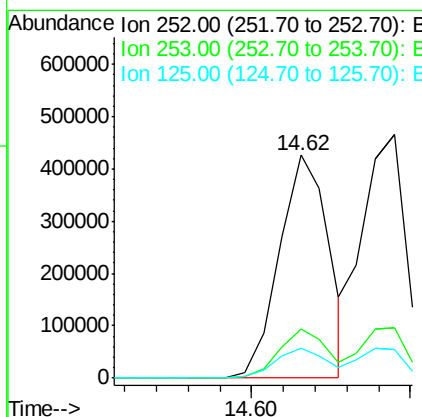
Sohil

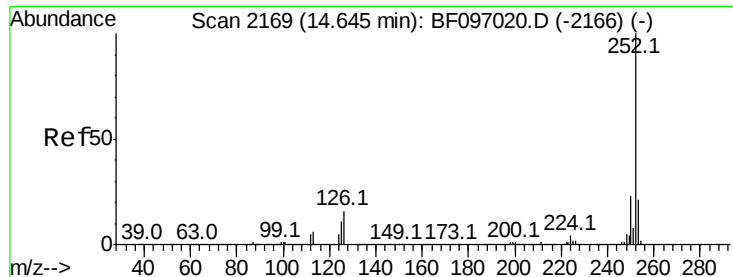
7/27/2017 12:31:30 PM



#87
Benzo(b)fluoranthene
Concen: 42.671 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.6	9.8	14.8





#88
Benzo(k)fluoranthene
Concen: 43.794 ng m
RT: 14.64 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

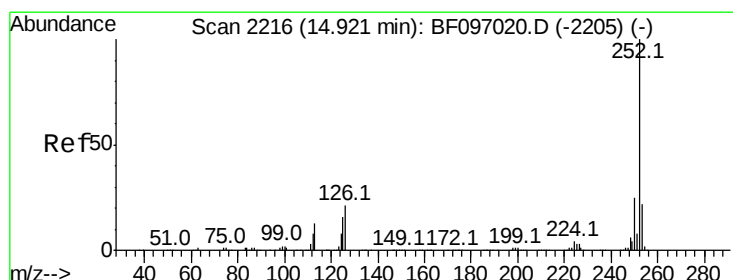
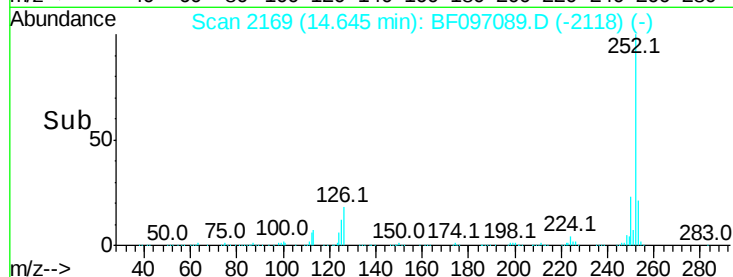
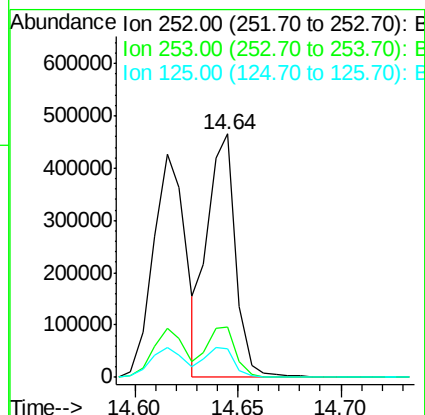
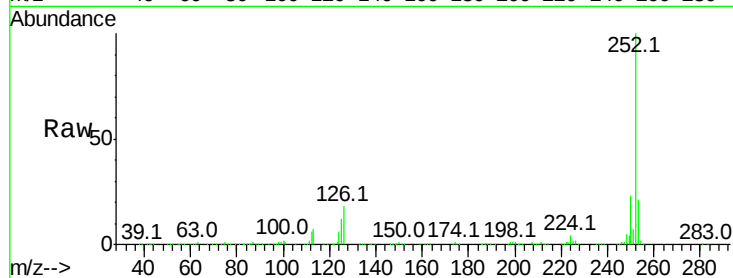
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.4	27.6
125	11.8	13.1	19.7

Manual Integrations
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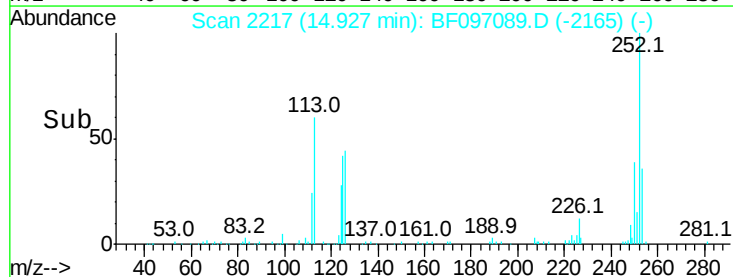
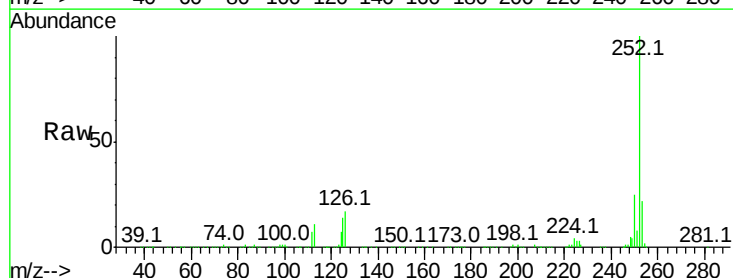
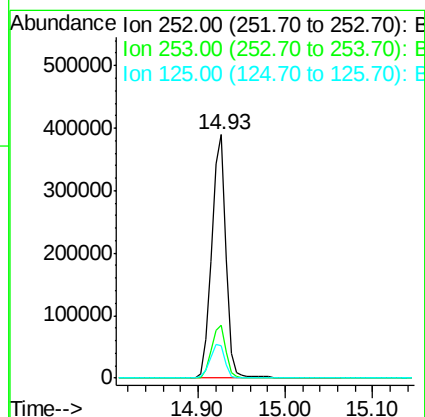
Sohil

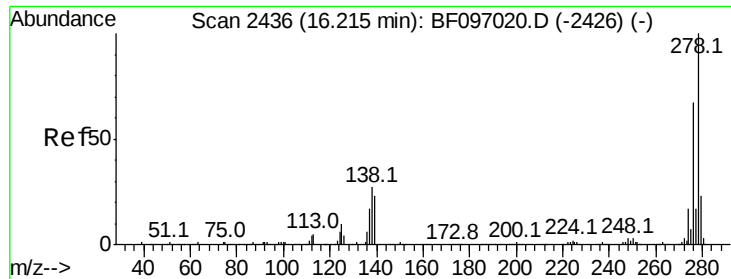
7/27/2017 12:31:30 PM



#89
Benzo(a)pyrene
Concen: 44.285 ng
RT: 14.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.6	11.0	16.4





#90
Dibenzo(a,h)anthracene
Concen: 50.798 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

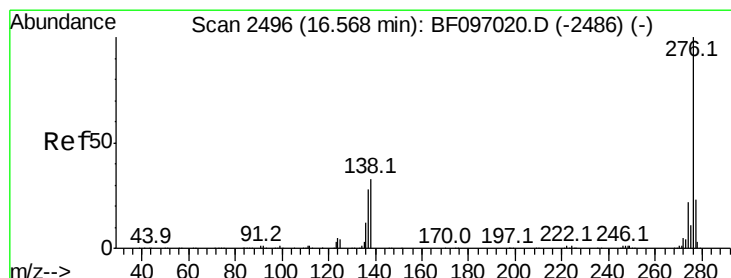
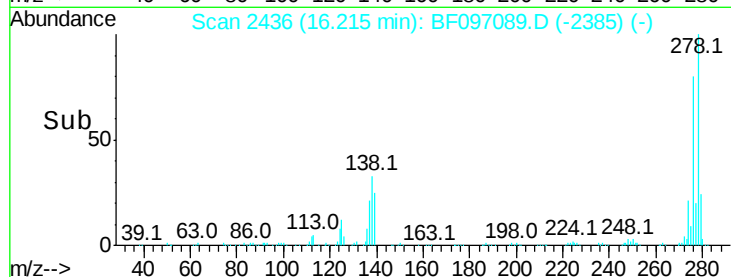
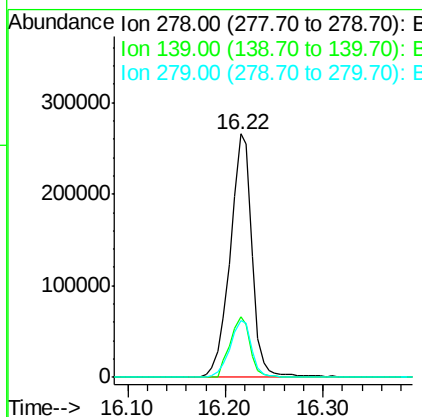
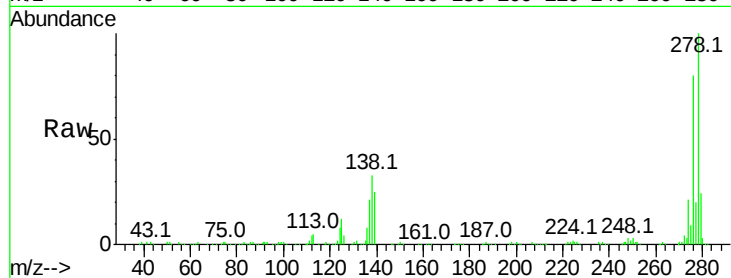
Instrument :
BNA_F
ClientSampleId :
SB02AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.6	24.8#
279	23.5	19.3	28.9

Manual Integrations
APPROVED

Sohil

7/27/2017 12:31:30 PM



#91
Benzo(g,h,i)perylene
Concen: 50.137 ng
RT: 16.57 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	31.2	25.4	38.0

