

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096829.D
 Acq On : 17 Jul 2017 19:46
 Operator : SJ/JU
 Sample : I4203-06MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:38:38 AM

Quant Time: Jul 18 03:57:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	116528	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	392709	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	140174	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	203102	20.00	ng	-0.03
75) Chrysene-d12	13.74	240	203940	20.00	ng	-0.03
86) Perylene-d12	15.12	264	193777	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	772403	99.66	ng	0.00
7) Phenol-d6	6.27	99	1010679	108.67	ng	0.00
23) Nitrobenzene-d5	7.18	82	597852	94.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	126702	105.89	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	828019	93.33	ng	-0.03
78) Terphenyl-d14	12.70	244	633265	53.85	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	113905	28.563	ng	# 75
3) Pyridine	2.95	79	63705	7.601	ng	# 64
4) n-Nitrosodimethylamine	2.85	42	167353	35.708	ng	80
6) Aniline	6.32	93	199870m	17.447	ng	
8) 2-Chlorophenol	6.40	128	274444	32.825	ng	95
9) Benzaldehyde	6.16	77	154170	28.680	ng	99
10) Phenol	6.29	94	373337	35.510	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	299167	37.840	ng	93
12) 1,3-Dichlorobenzene	6.56	146	307381	34.587	ng	98
13) 1,4-Dichlorobenzene	6.63	146	298883	33.209	ng	97
14) 1,2-Dichlorobenzene	6.79	146	251243	30.691	ng	96
15) Benzyl Alcohol	6.76	79	199539	32.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	509129	31.204	ng	97
17) 2-Methylphenol	6.89	107	198571	30.542	ng	97
18) Hexachloroethane	7.12	117	98742	30.940	ng	# 77
19) n-Nitroso-di-n-propylamine	7.04	70	189255	33.777	ng	# 84
20) 3+4-Methylphenols	7.04	107	272900	34.590	ng	# 63
22) Acetophenone	7.03	105	383948	43.744	ng	98
24) Nitrobenzene	7.20	77	275216	41.972	ng	92
25) Isophorone	7.44	82	420509	35.654	ng	96
26) 2-Nitrophenol	7.52	139	122086	33.485	ng	92
27) 2,4-Dimethylphenol	7.56	122	206355	34.403	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	289185	36.285	ng	100
29) 2,4-Dichlorophenol	7.76	162	184524	33.986	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	190662	36.933	ng	97
31) Naphthalene	7.92	128	683613	36.747	ng	100
32) Benzoic acid	7.67	122	42980	11.211	ng	90
33) 4-Chloroaniline	7.97	127	150423	20.408	ng	96
34) Hexachlorobutadiene	8.04	225	99790	36.210	ng	98
35) Caprolactam	8.32	113	40821	23.464	ng	# 59
36) 4-Chloro-3-methylphenol	8.46	107	172951	29.625	ng	89
37) 2-Methylnaphthalene	8.60	142	439714	37.074	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	153589	40.533	ng	99
40) Hexachlorocyclopentadiene	8.76	237	22541	19.815	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	103627	37.075	nq	99
43) 2,4,5-Trichlorophenol	8.93	196	98987	35.115	nq	92
45) 1,1'-Biphenyl	9.07	154	466049	38.767	nq	98
46) 2-Chloronaphthalene	9.09	162	345829	39.066	nq	95
47) 2-Nitroaniline	9.19	65	110265	36.237	nq	92
48) Acenaphthylene	9.50	152	525458	37.254	nq	99
49) Dimethylphthalate	9.37	163	485591	46.007	nq	98
50) 2,6-Dinitrotoluene	9.43	165	80870	35.374	nq	# 78
51) Acenaphthene	9.67	154	295473	35.461	nq	99
52) 3-Nitroaniline	9.59	138	73319	27.072	nq	93
53) 2,4-Dinitrophenol	9.71	184	9542	14.460	nq	# 75
54) Dibenzofuran	9.85	168	439334	37.626	nq	100
55) 4-Nitrophenol	9.77	139	118428	59.855	nq	# 66
56) 2,4-Dinitrotoluene	9.83	165	94405	32.136	nq	# 80
57) Fluorene	10.19	166	315336	36.547	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	68177	34.873	nq	# 96
59) Diethylphthalate	10.07	149	361994	35.231	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	132962	35.068	nq	97
61) 4-Nitroaniline	10.20	138	75240	29.585	nq	91
62) Azobenzene	10.34	77	313377	34.572	nq	91
64) 4,6-Dinitro-2-methylphenol	10.24	198	9808	7.691	nq	90
65) n-Nitrosodiphenylamine	10.30	169	279278	38.467	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	79942	38.552	nq	95
67) Hexachlorobenzene	10.73	284	80560	34.882	nq	# 88
68) Atrazine	10.83	200	77737	37.583	nq	95
69) Pentachlorophenol	10.93	266	78577	70.428	nq	99
70) Phenanthrene	11.14	178	494427	44.771	nq	99
71) Anthracene	11.19	178	462746	41.444	nq	98
72) Carbazole	11.34	167	418228	38.679	nq	99
73) Di-n-butylphthalate	11.69	149	516275	38.339	nq	99
74) Fluoranthene	12.32	202	654986	61.964	nq	99
77) Pyrene	12.54	202	689706	37.264	nq	99
79) Butylbenzylphthalate	13.17	149	276223	62.820	nq	# 83
80) Benzo(a)anthracene	13.73	228	545160	42.902	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	49006	10.725	nq	# 98
82) Chrysene	13.77	228	520161	41.581	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	331376	30.942	nq	99
84) Di-n-octyl phthalate	14.35	149	637952	36.037	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.42	276	320681	28.980	nq	99
87) Benzo(b)fluoranthene	14.74	252	493241m	42.204	nq	
88) Benzo(k)fluoranthene	14.77	252	431809m	39.018	nq	
89) Benzo(a)pyrene	15.06	252	448897	41.879	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	251827	25.532	nq	98
91) Benzo(g,h,i)perylene	16.80	276	265222	25.111	nq	97

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

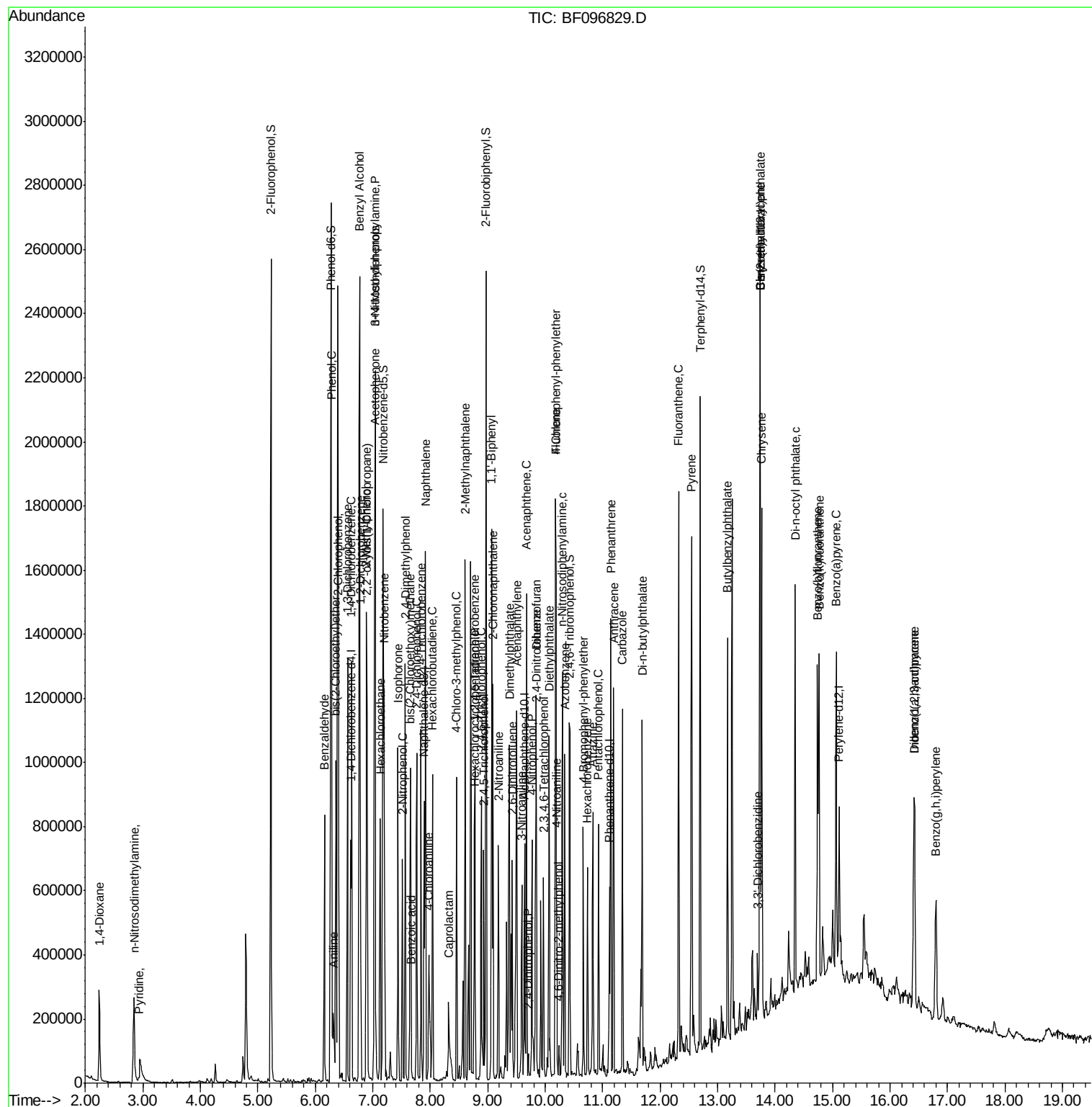
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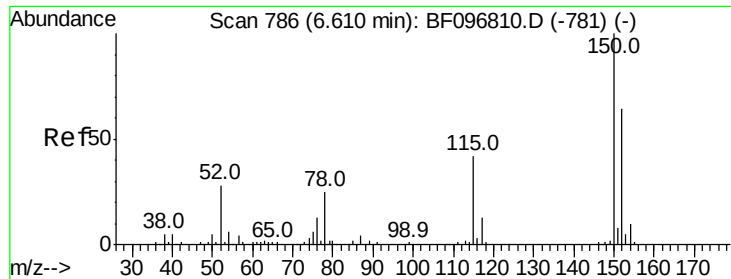
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#1

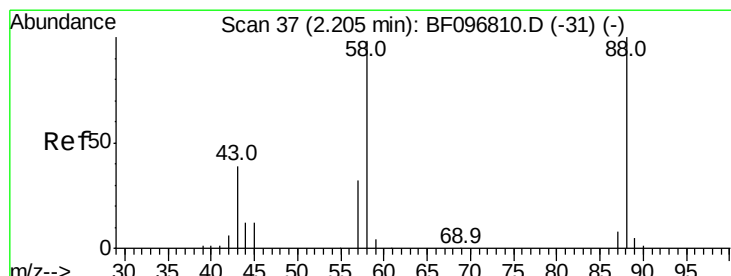
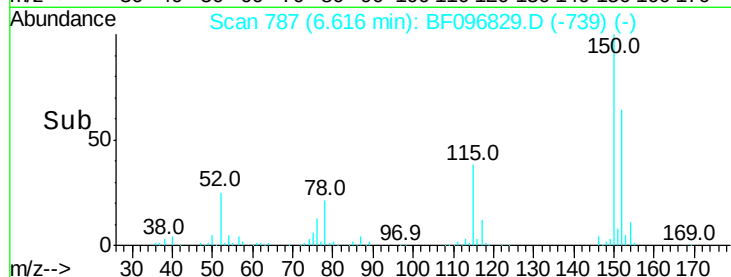
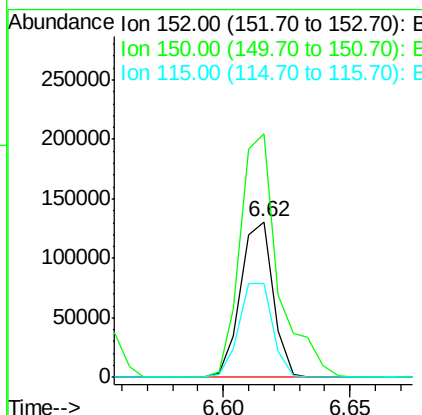
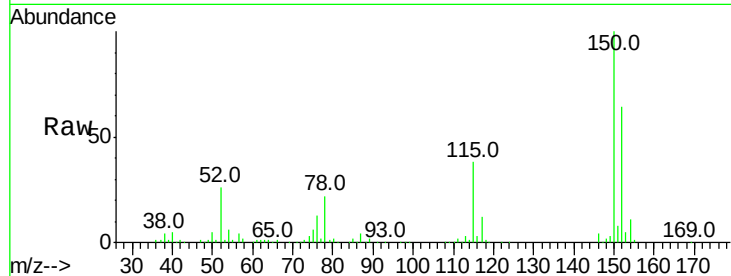
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.1	52.2	78.2

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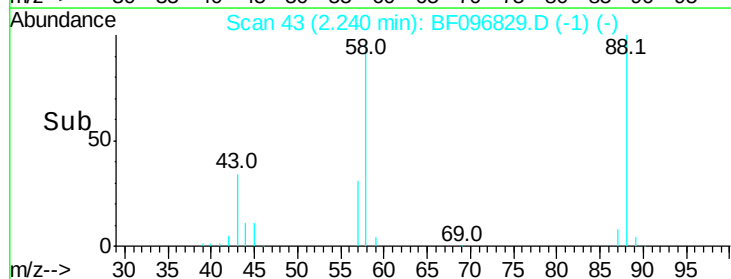
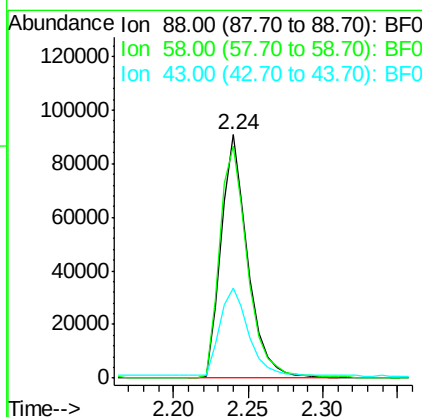
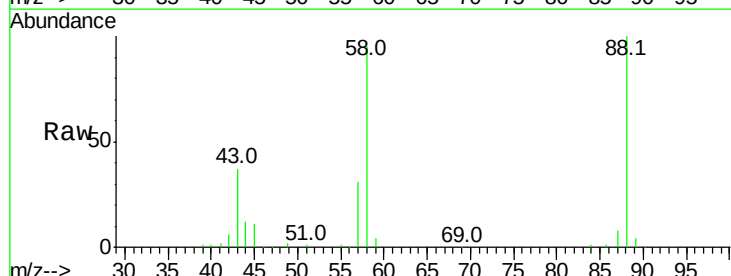
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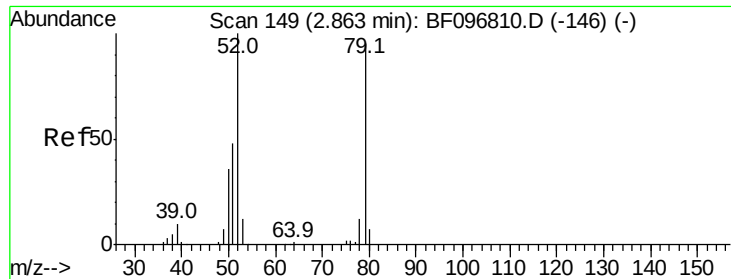


#2

1,4-Dioxane
Concen: 28.563 ng
RT: 2.24 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	61.4	92.0#
43	38.2	23.4	35.0#





#3

Pvridine

Concen: 7.601 ng

RT: 2.95 min Scan# 163

Delta R.T. 0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

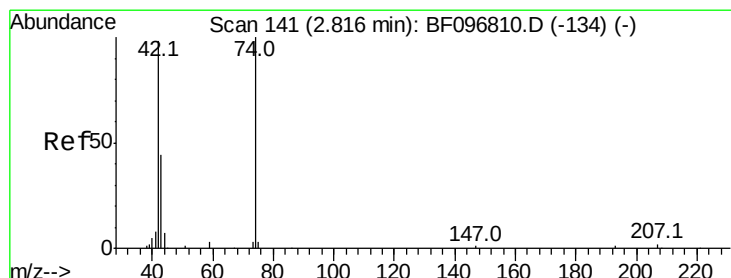
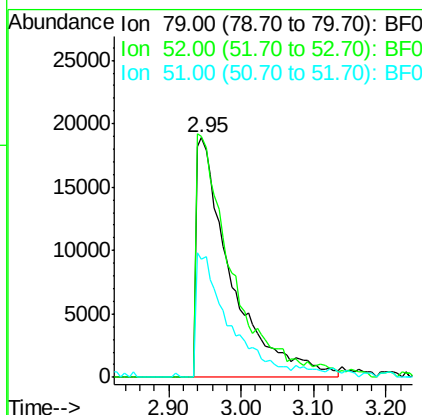
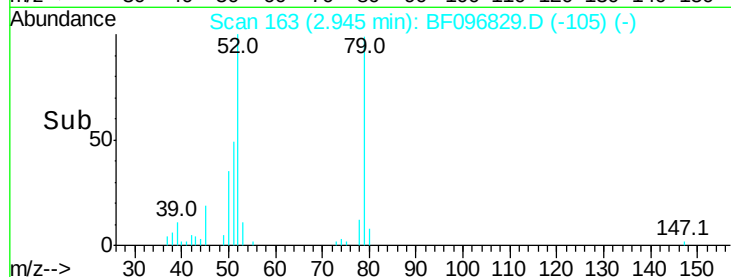
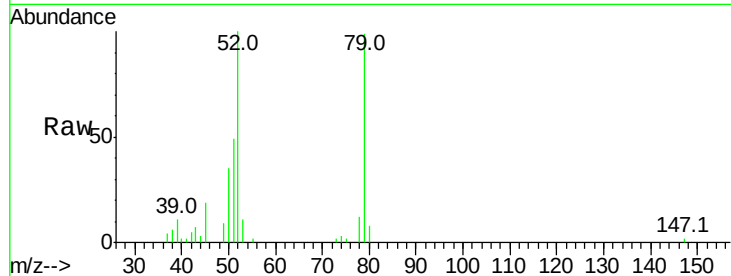
ClientSampleId :

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Tot Ion:	79	Resp:	63705
Ion Ratio	Lower	Upper	
79	100		
52	100.9	54.8	82.2#
51	49.2	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 35.708 ng

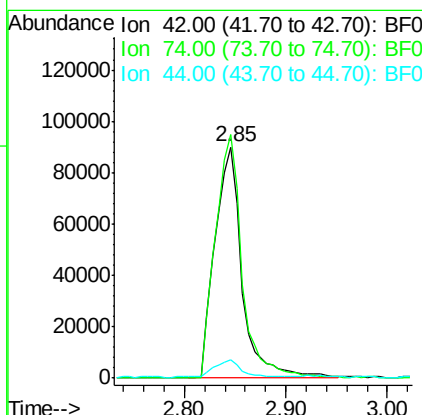
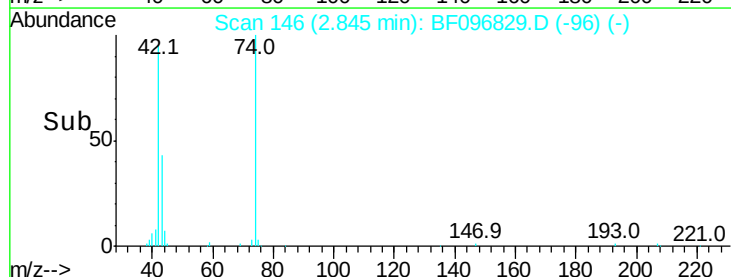
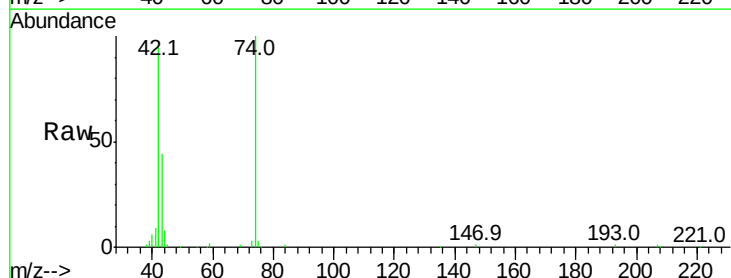
RT: 2.85 min Scan# 146

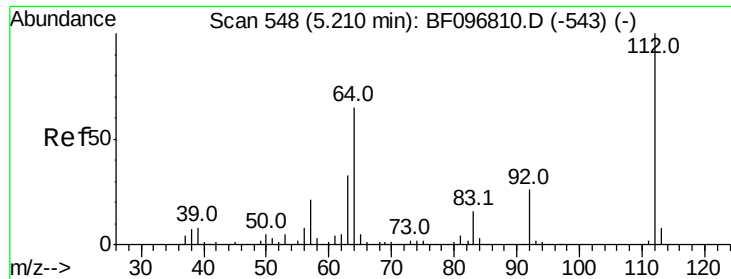
Delta R.T. -0.01 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	42	Resp:	167353
Ion Ratio	Lower	Upper	
42	100		
74	105.2	103.9	155.9
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 99.665 ng

RT: 5.23 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

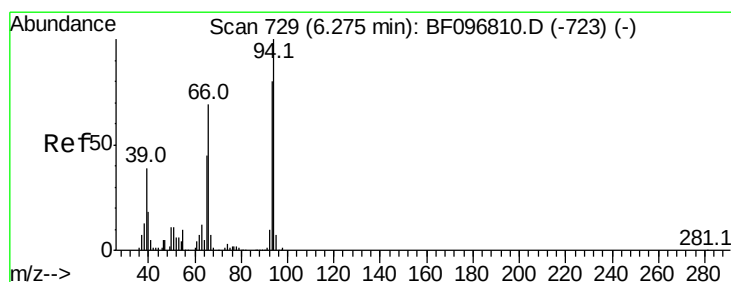
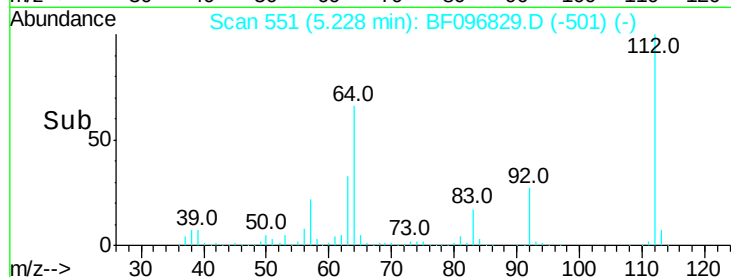
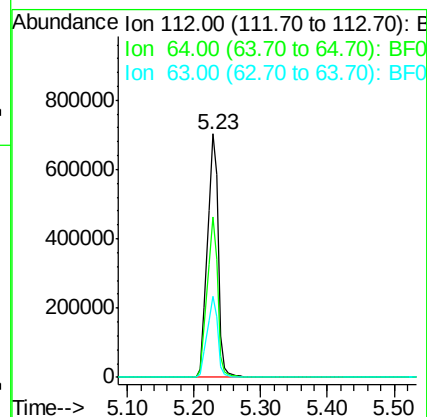
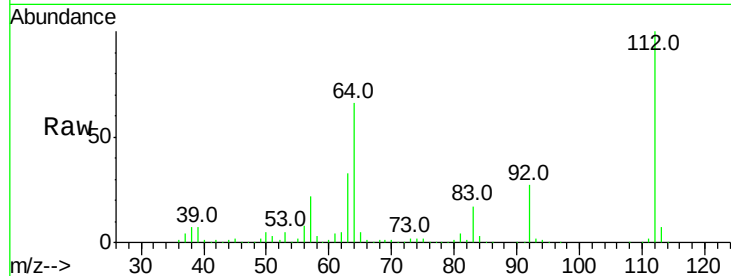
ClientSampleId :

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Tot Ion:	112	Resp:	772403
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	33.4	23.4	35.0

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#6

Aniline

Concen: 17.447 ng m

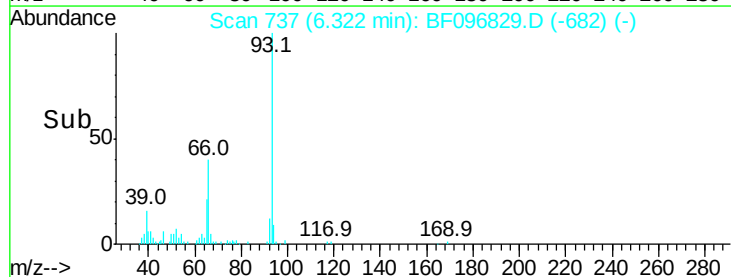
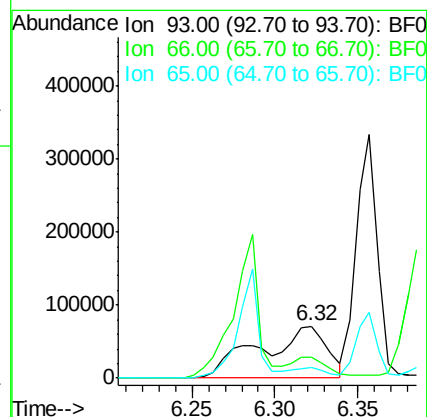
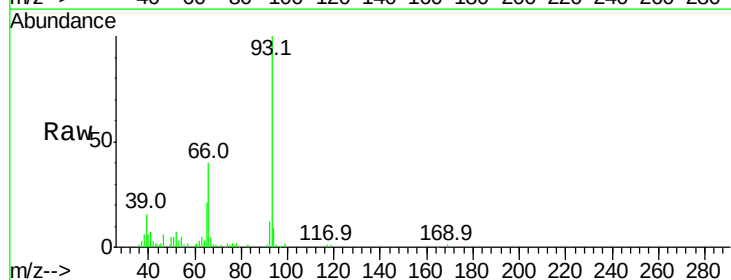
RT: 6.32 min Scan# 737

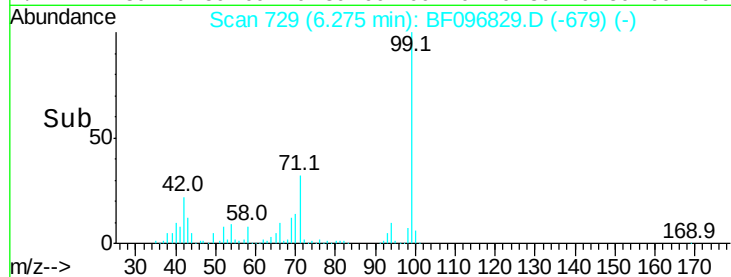
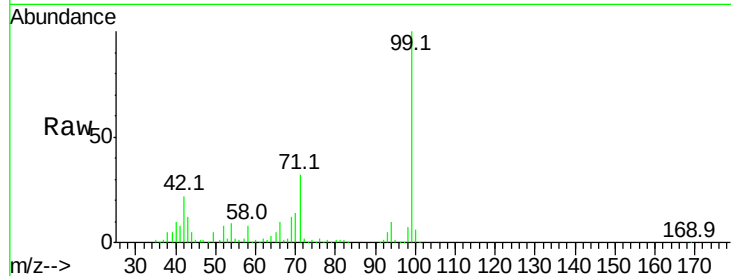
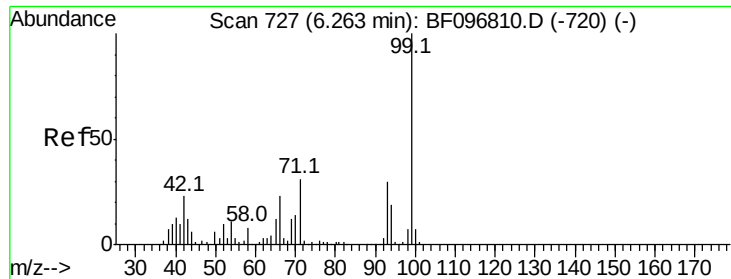
Delta R.T. 0.02 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	93	Resp:	199870
Ion Ratio	Lower	Upper	
93	100		
66	40.2	32.9	49.3
65	21.1	16.0	24.0





#7

Phenol-d6

Concen: 108.672 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tot Ion: 99 Resp: 1010679

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

71 32.1 24.5 36.7

Instrument :

BNA_F

ClientSampled :

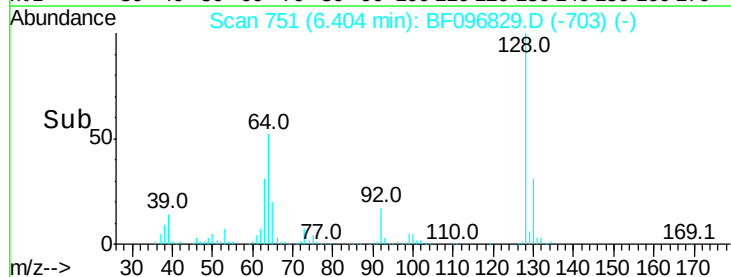
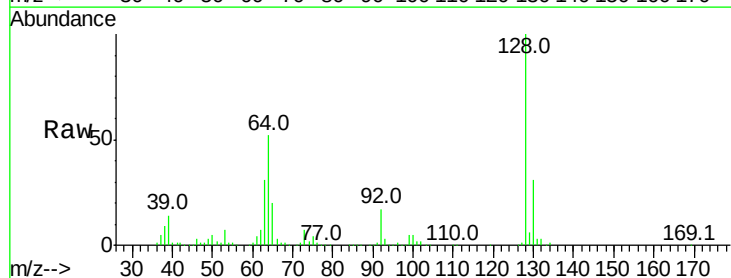
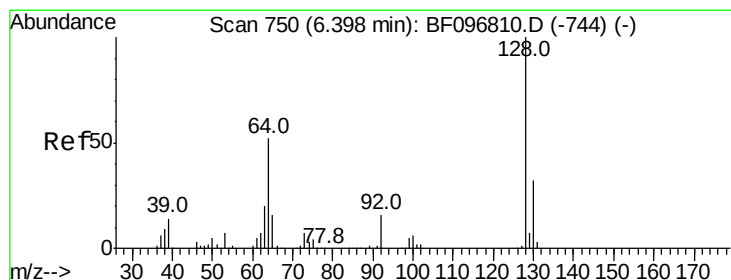
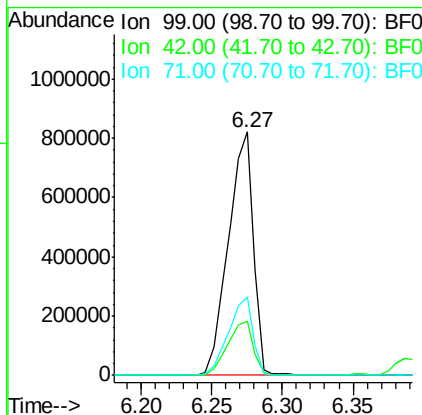
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#8

2-Chlorophenol

Concen: 32.825 ng

RT: 6.40 min Scan# 751

Delta R.T. -0.02 min

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Acq: 17 Jul 2017 19:46

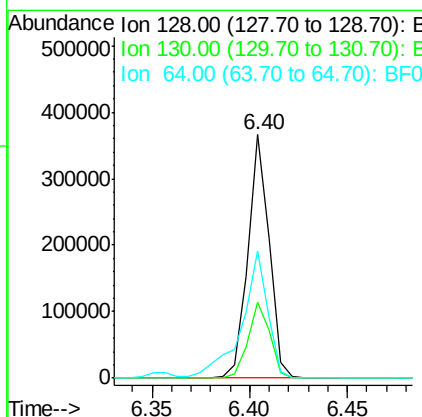
Tgt Ion: 128 Resp: 274444

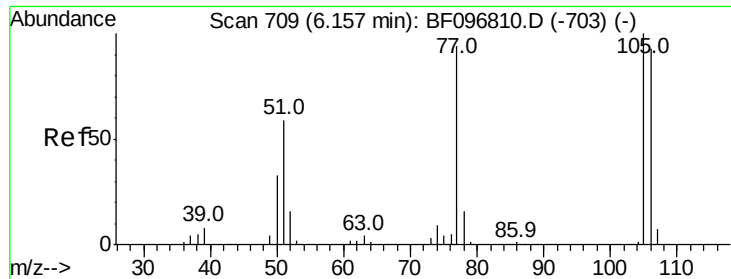
Ion Ratio Lower Upper

128 100

130 31.0 12.9 52.9

64 52.0 28.4 68.4





#9

Benzaldehyde

Concen: 28.680 ng

RT: 6.16 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF096829.D

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Instrument :

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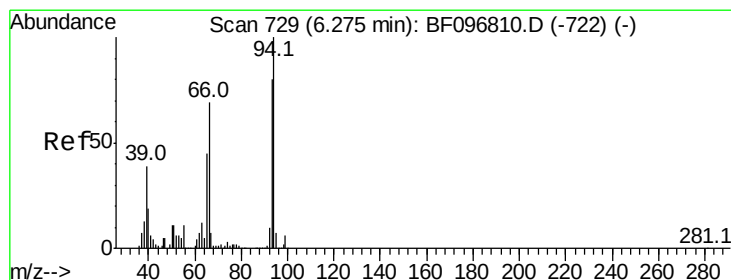
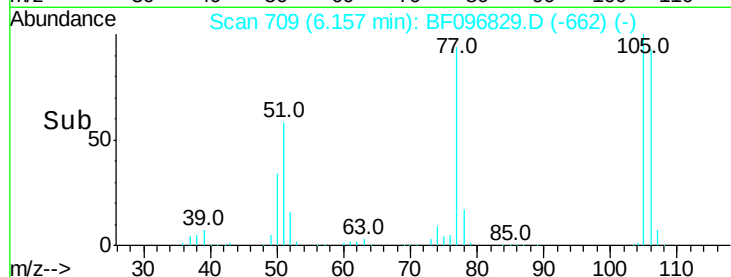
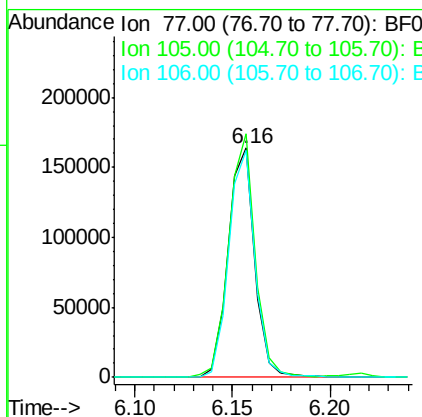
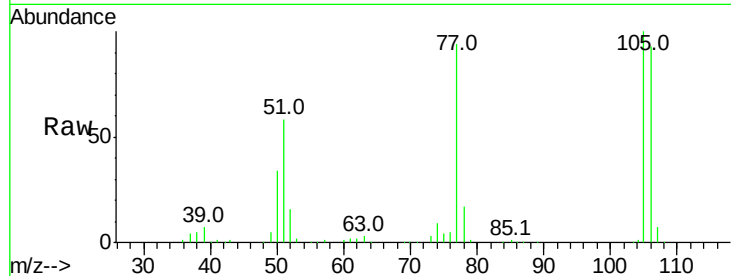
ClientSampleId :

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Tot Ion:	77	Resp:	154170
Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.8	123.8
106	98.8	79.1	119.1

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#10

Phenol

Concen: 35.510 ng

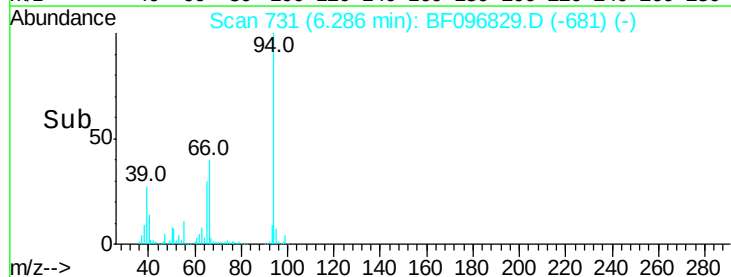
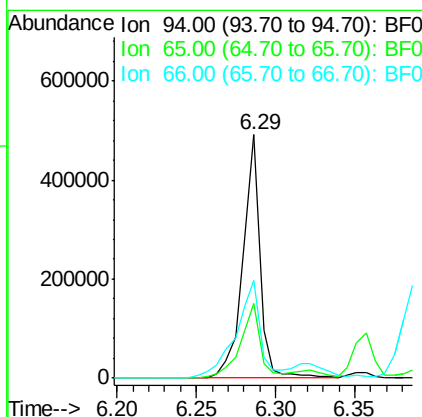
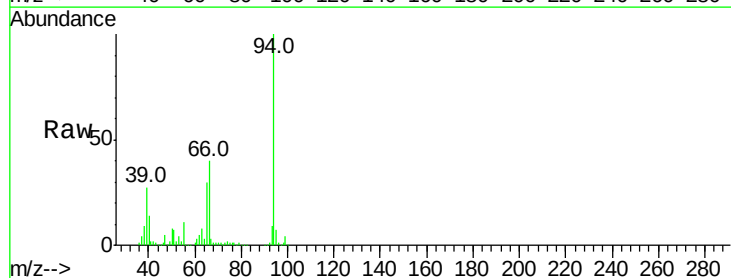
RT: 6.29 min Scan# 731

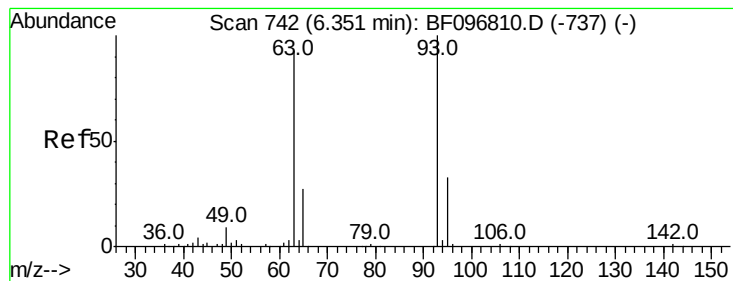
Delta R.T. -0.01 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	94	Resp:	373337
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	40.0	23.1	63.1





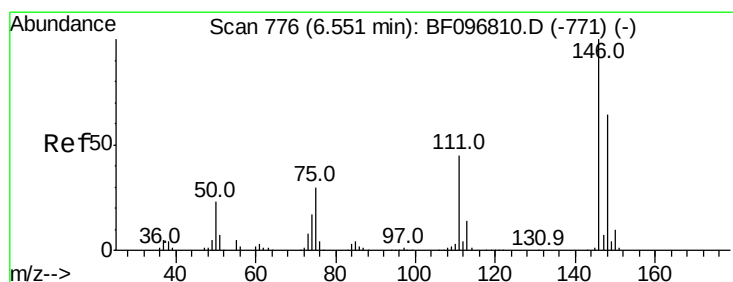
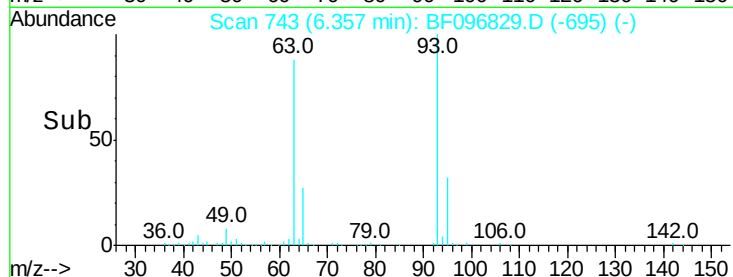
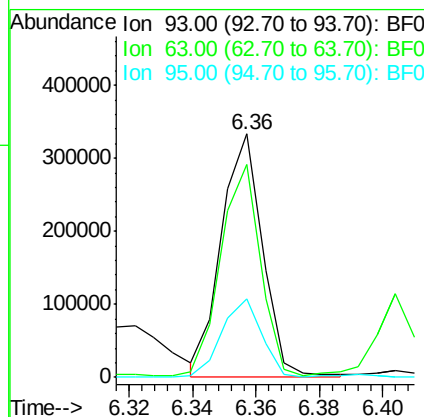
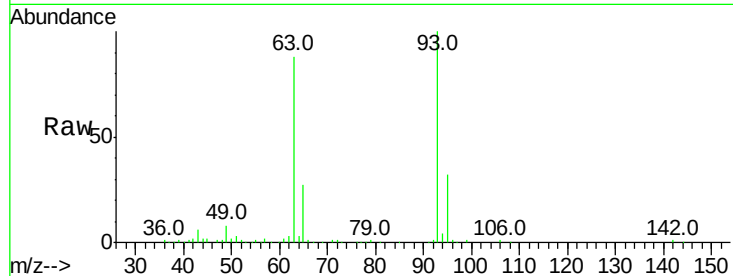
#11
bis(2-Chloroethyl)ether
Concen: 37.840 ng
RT: 6.36 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	59.2	99.2
95	32.0	12.8	52.8

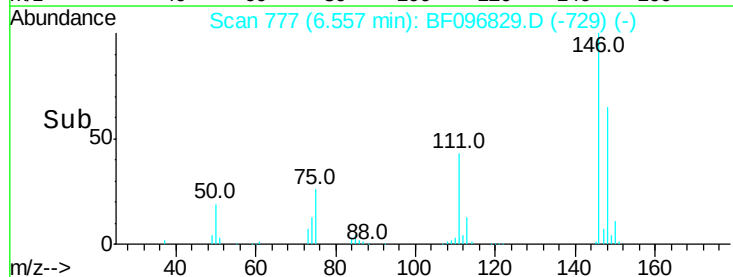
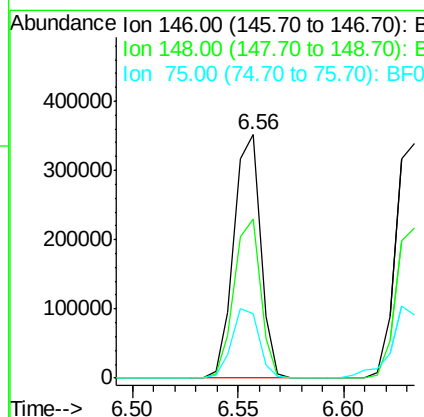
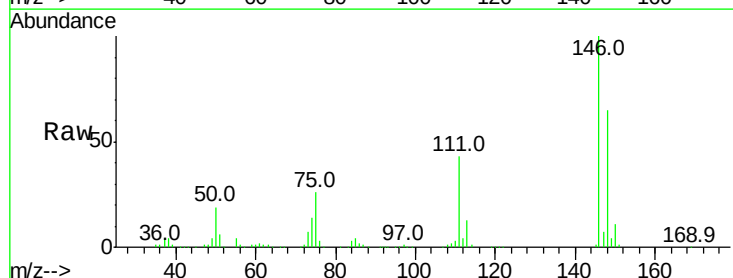
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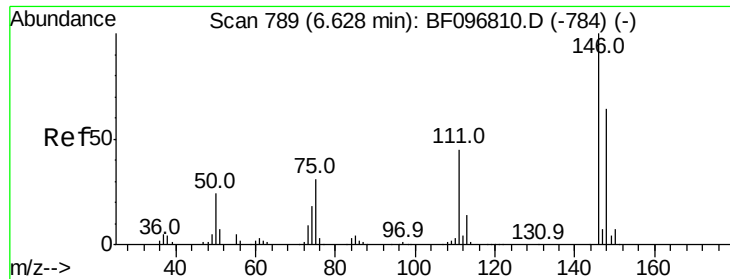
mohammad
7/20/2017 8:38:38 AM



#12
1,3-Dichlorobenzene
Concen: 34.587 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
75	26.3	23.1	34.7





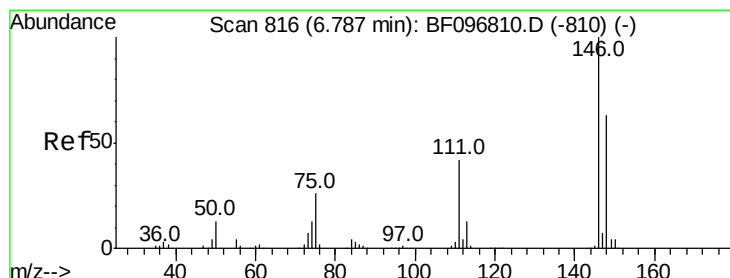
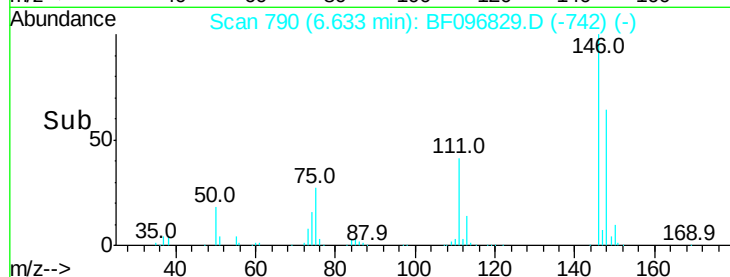
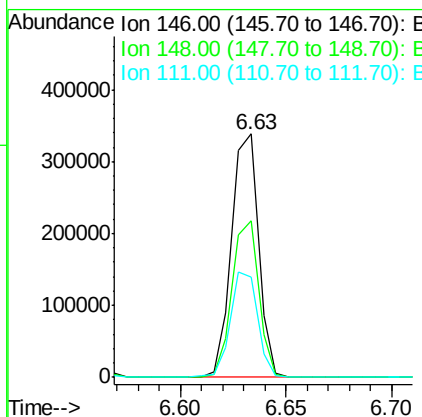
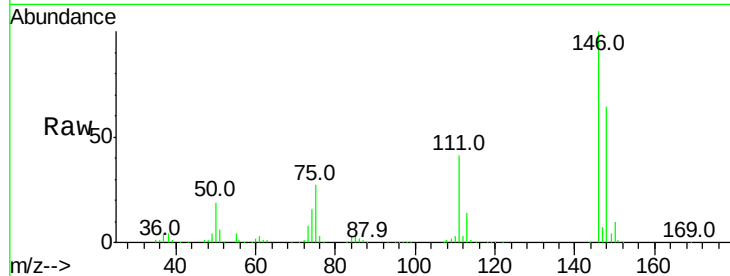
#13
 1,4-Dichlorobenzene
 Concen: 33.209 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298883		
148	64.1		52.2	78.2
111	41.2		30.3	45.5

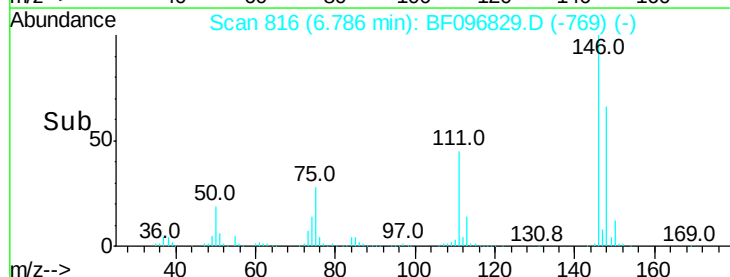
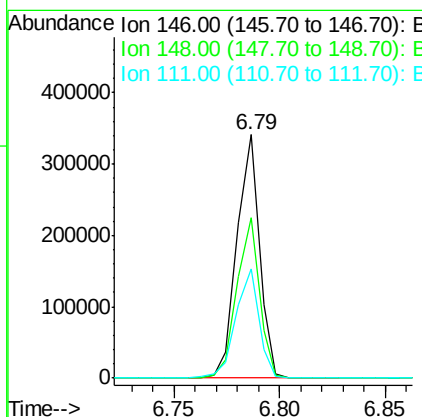
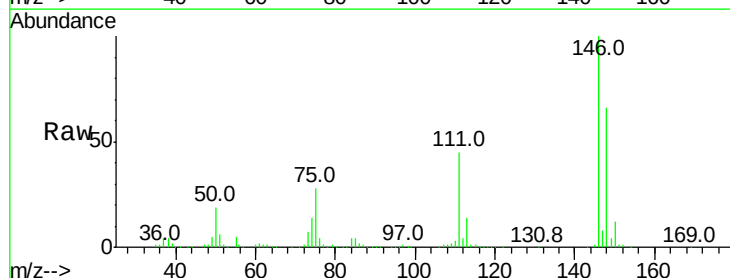
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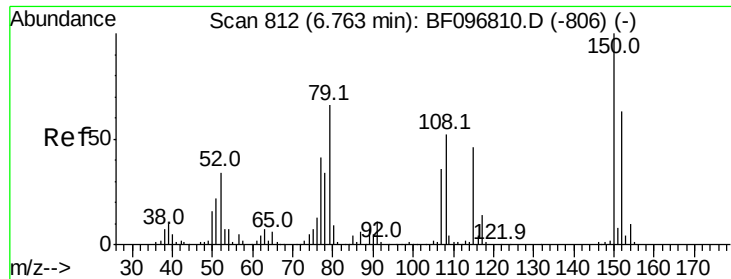
mohammad
 7/20/2017 8:38:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 30.691 ng
 RT: 6.79 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	251243		
148	65.9		50.4	75.6
111	44.7		38.2	57.4





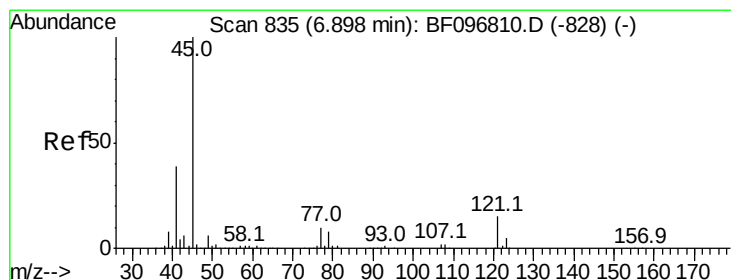
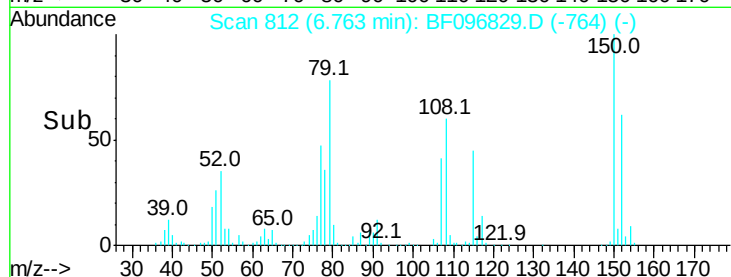
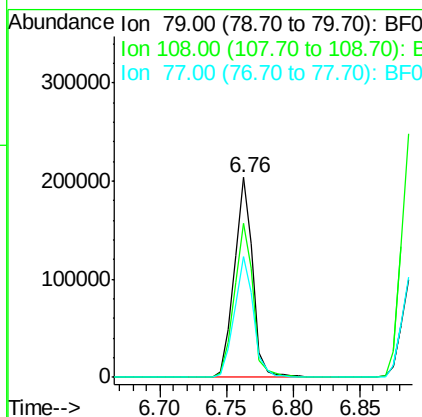
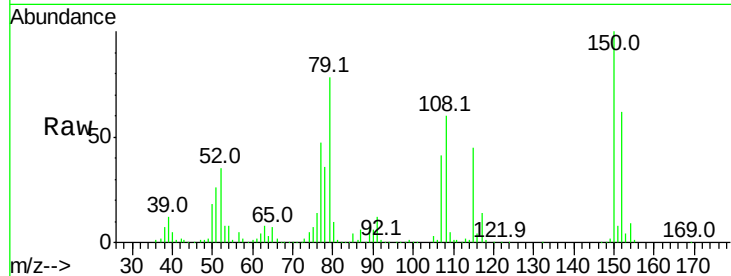
#15
Benzyl Alcohol
Concen: 32.771 ng
RT: 6.76 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.4	95.0
77	60.6	49.2	73.8

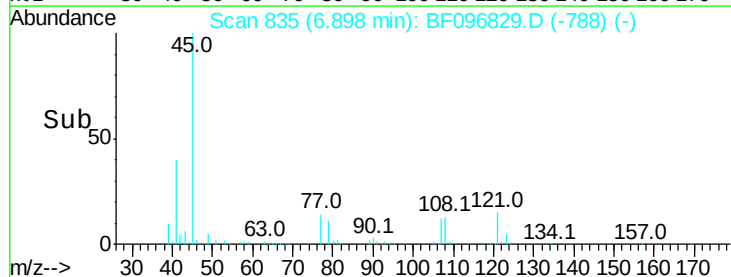
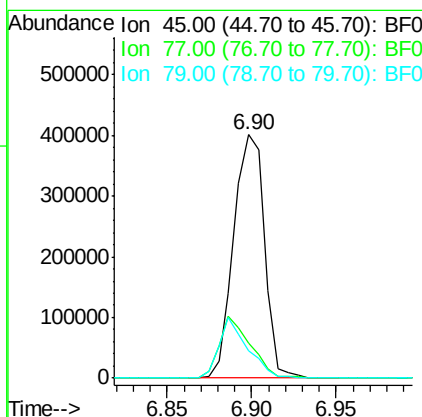
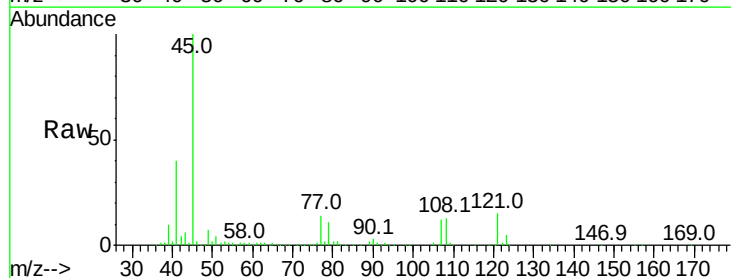
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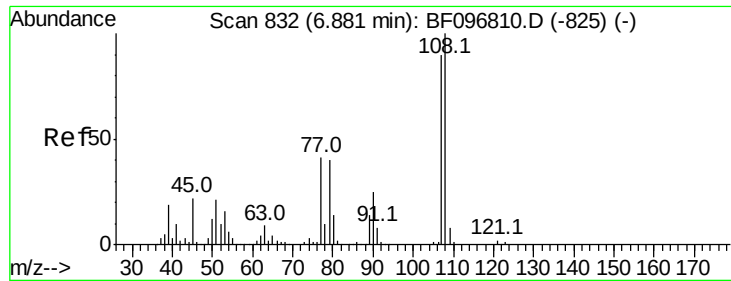
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.204 ng
RT: 6.90 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	11.2	0.0	30.0





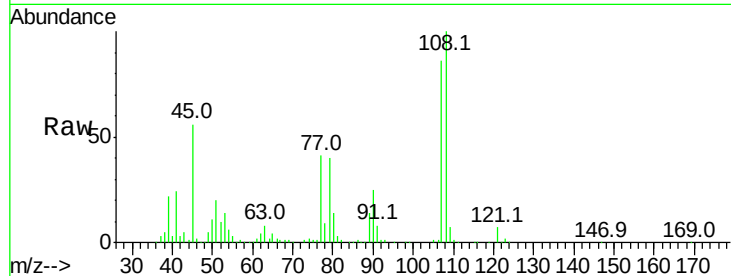
#17
2-Methylphenol
Concen: 30.542 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

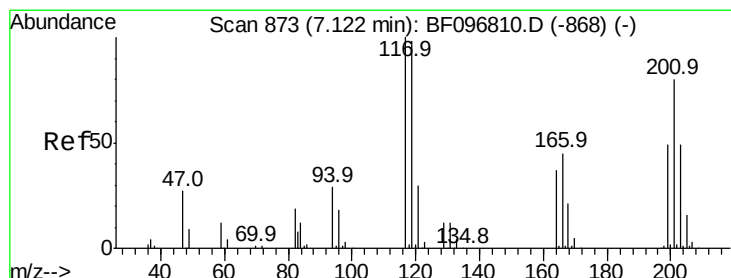
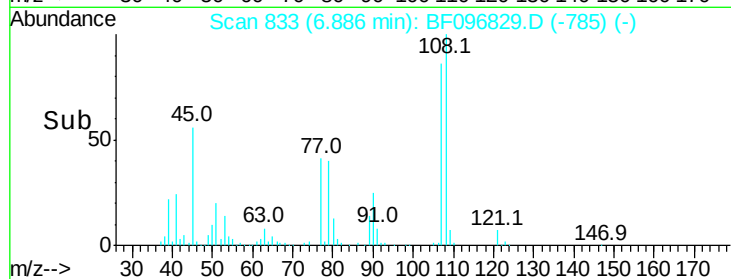
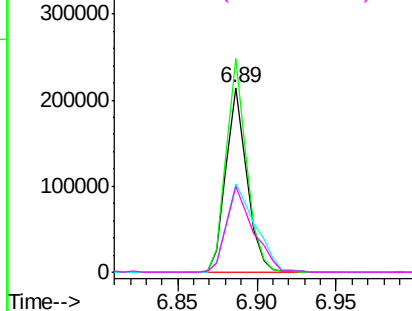
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	93.4	140.0	
77	47.9	35.8	53.6	
79	46.5	34.8	52.2	

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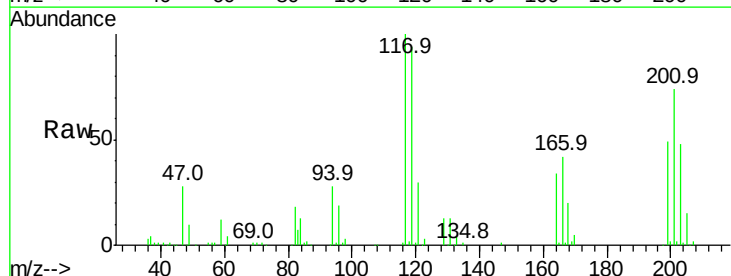


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

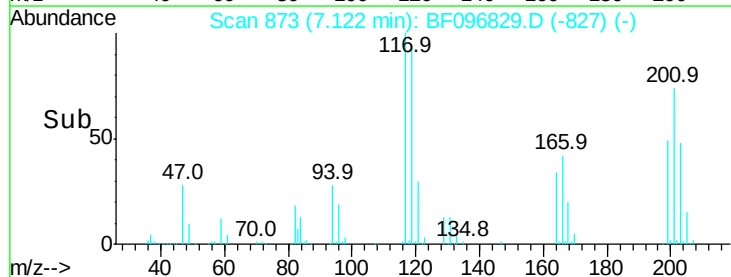
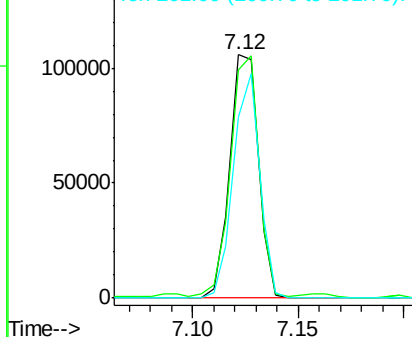


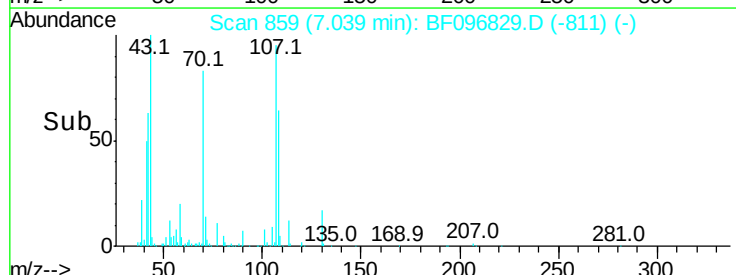
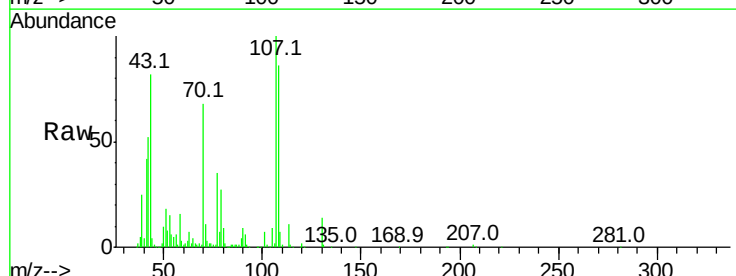
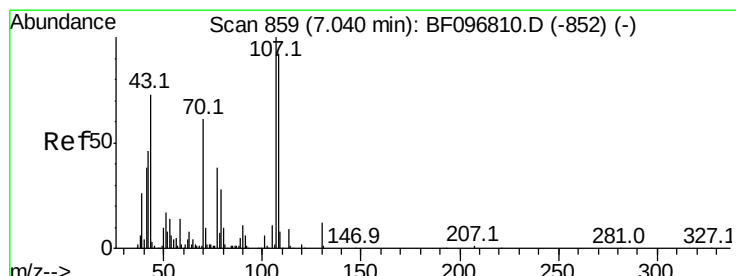
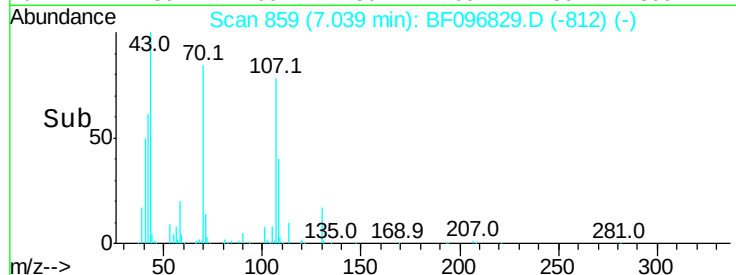
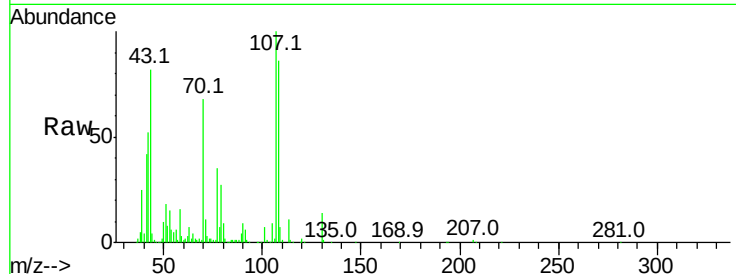
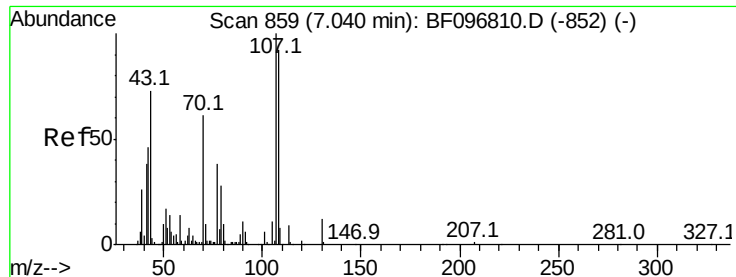
#18
Hexachloroethane
Concen: 30.940 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	77.4	116.0	
201	74.5	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





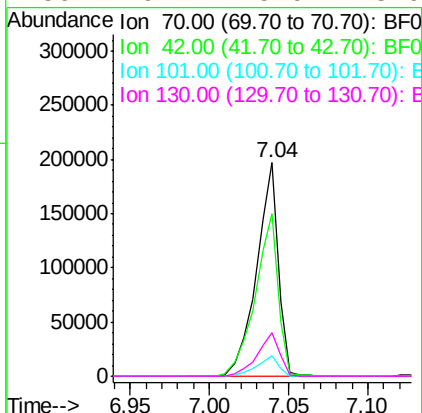
#19
n-Nitroso-di-n-propylamine
Concen: 33.777 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.1	47.2	70.8#		
101	9.6	7.2	10.8		
130	20.4	15.9	23.9		

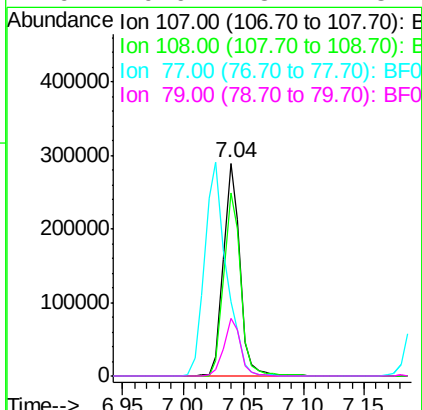
Manual Integrations
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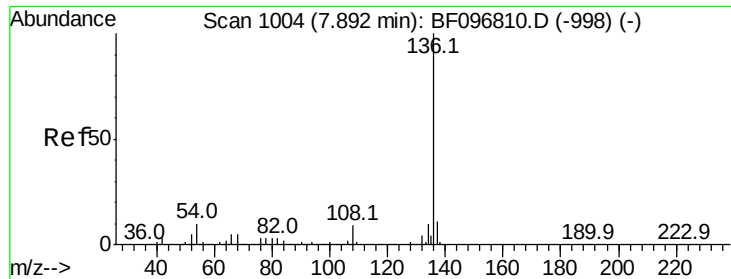
mohammad
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#20
3+4-Methylphenols
Concen: 34.590 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.1	71.0	111.0		
77	35.2	90.5	130.5#		
79	26.9	8.4	48.4		





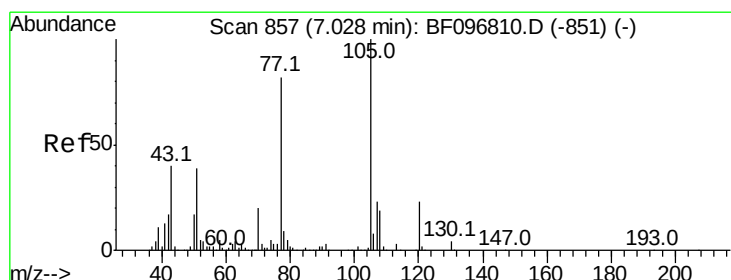
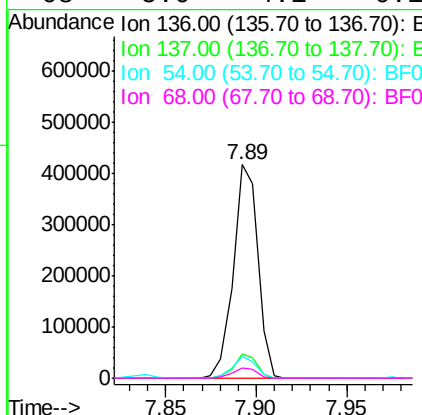
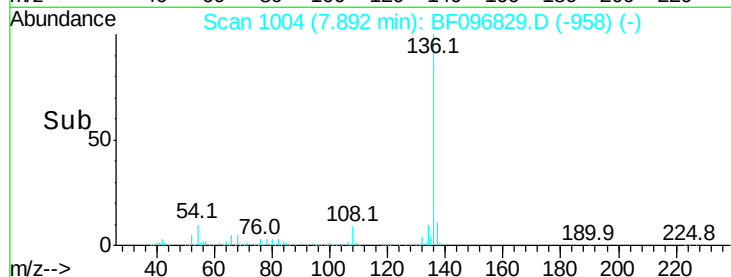
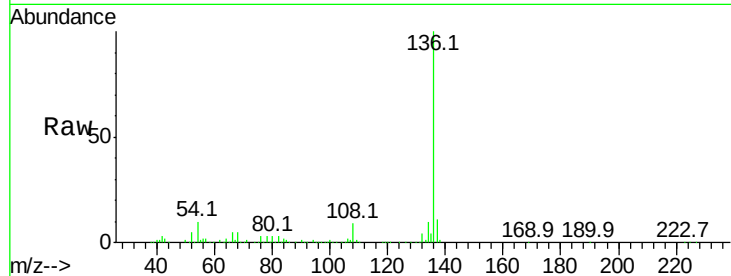
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	392709		
137	11.3	8.5	12.7	
54	10.2	4.9	7.3	
68	5.0	4.1	6.1	

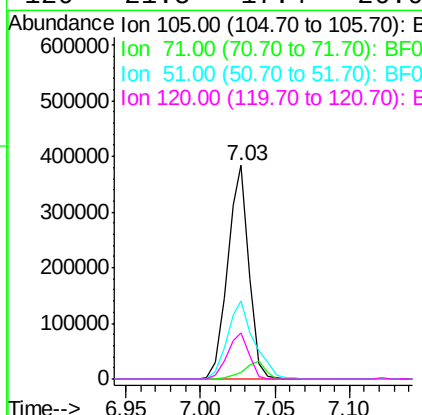
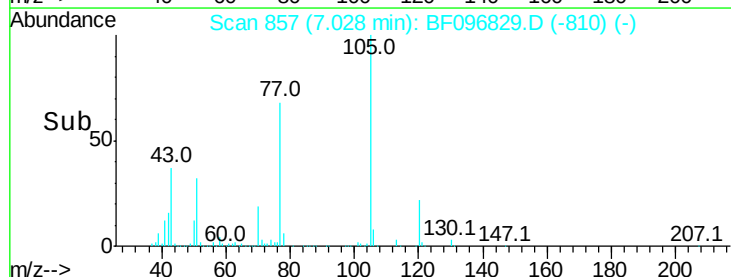
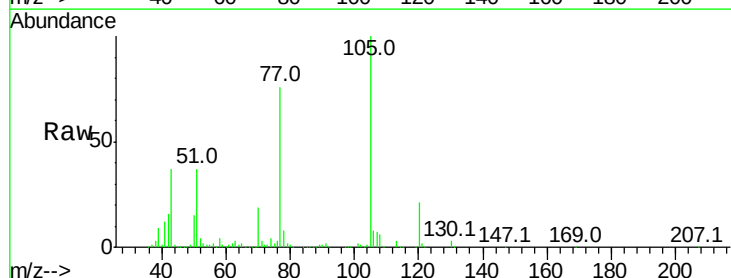
Manual Integrations
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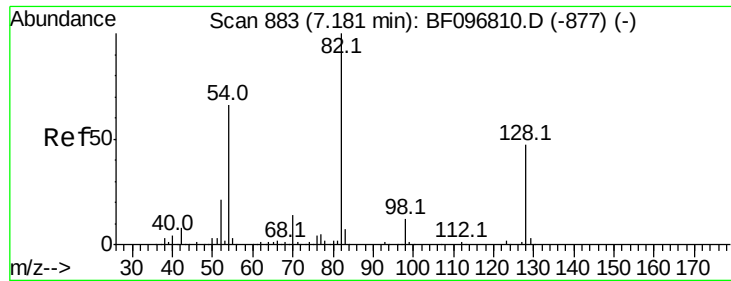
mohammad
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#22
Acetophenone
Concen: 43.744 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	383948		
71	3.2	2.8	4.2	
51	36.5	30.7	46.1	
120	21.5	17.4	26.0	





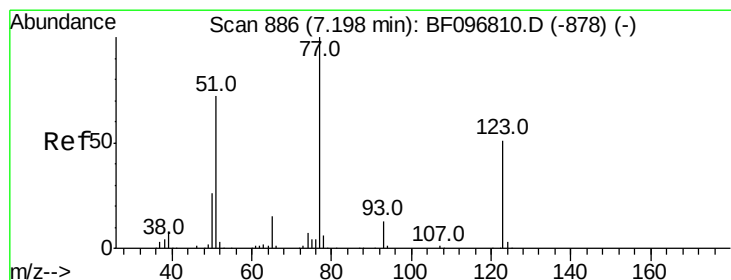
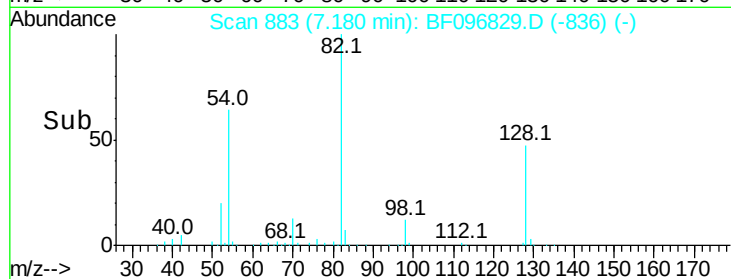
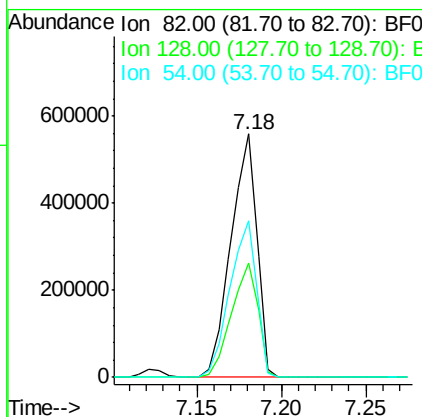
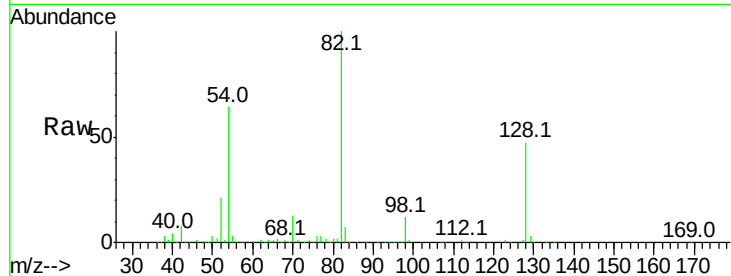
#23
Nitrobenzene-d5
Concen: 94.297 ng
RT: 7.18 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	64.2	42.2	63.2#

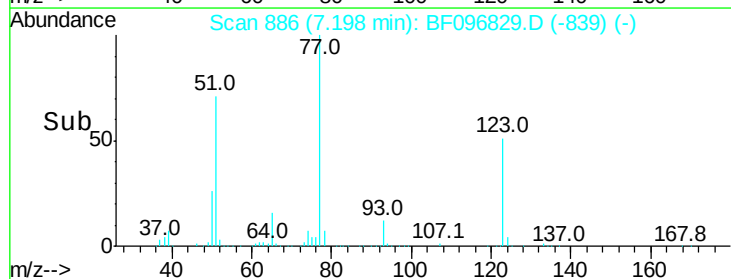
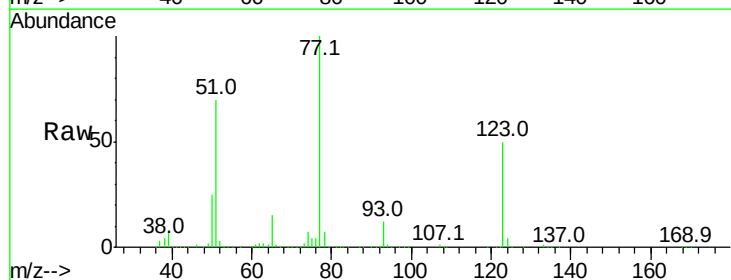
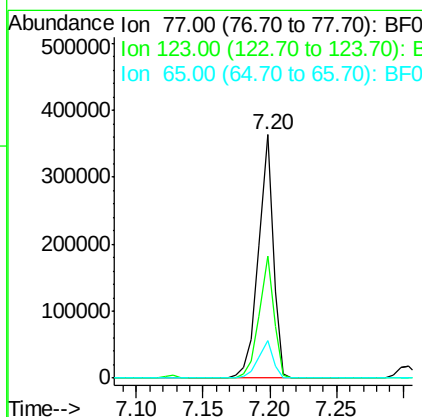
Manual Integrations
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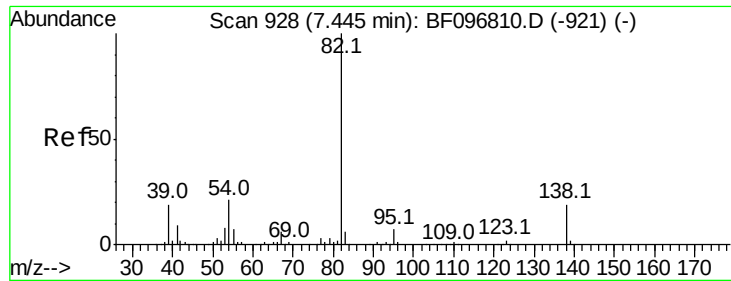
mohammad
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#24
Nitrobenzene
Concen: 41.972 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	35.8	53.8
65	15.4	10.6	15.8





#25

Isophorone

Concen: 35.654 ng

RT: 7.44 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

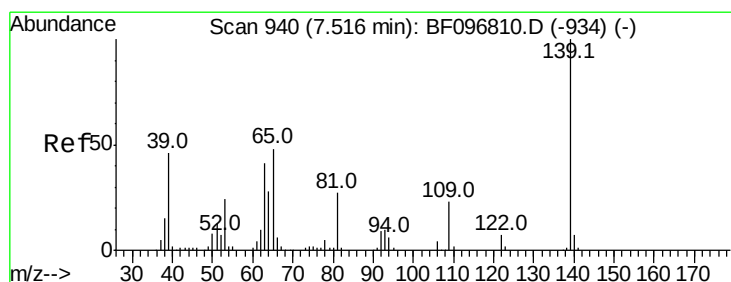
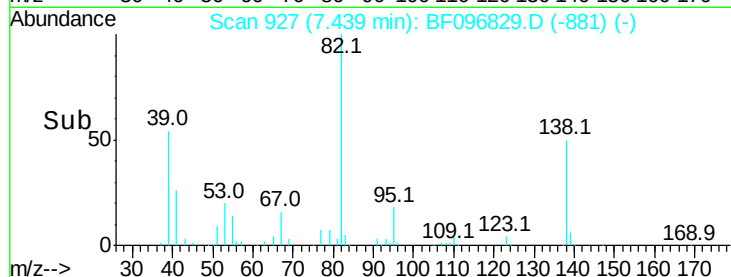
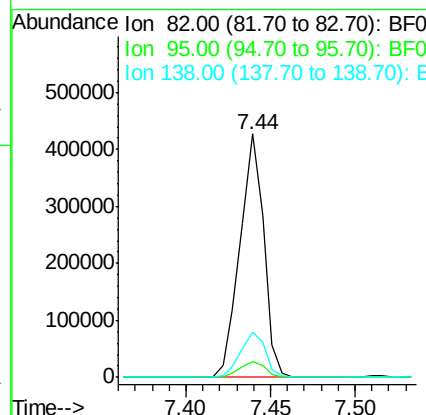
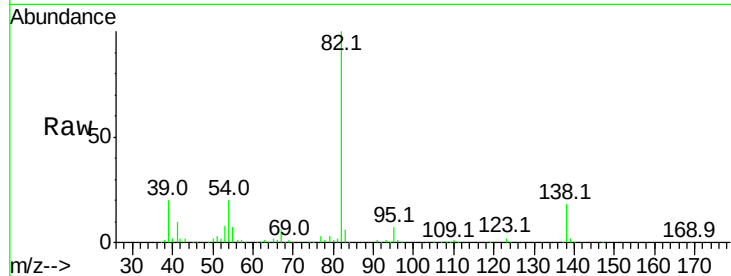
ClientSampleId :

NB-SB04AMS

Tot Ion:	82	Resp:	420509
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 33.485 ng

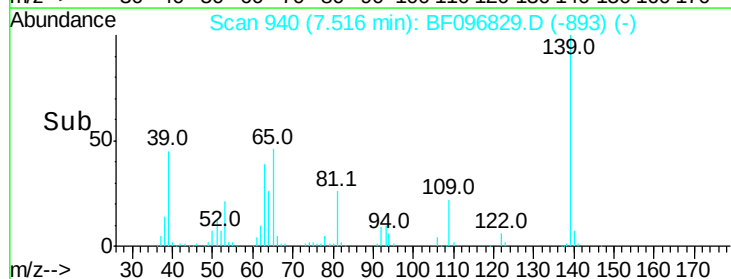
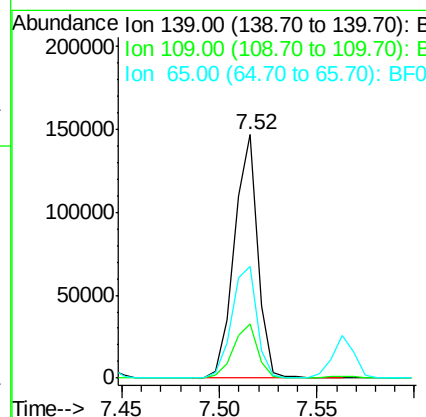
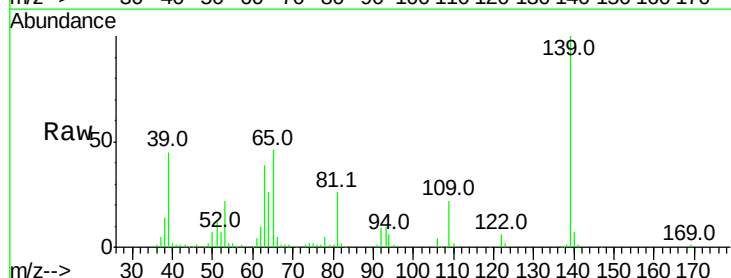
RT: 7.52 min Scan# 940

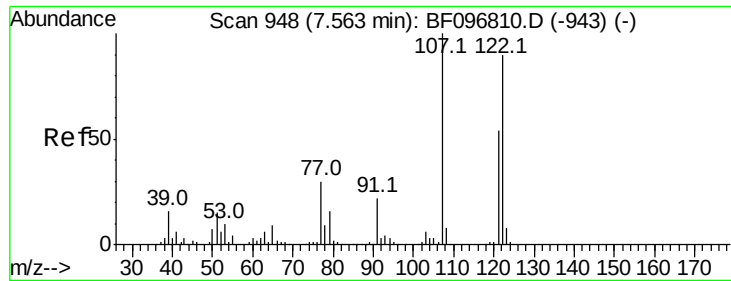
Delta R.T. -0.02 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	139	Resp:	122086
Ion Ratio	Lower	Upper	
139	100		
109	22.3	21.0	31.6
65	46.0	33.0	49.6





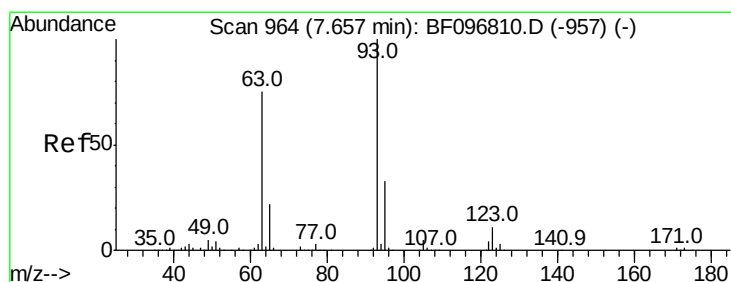
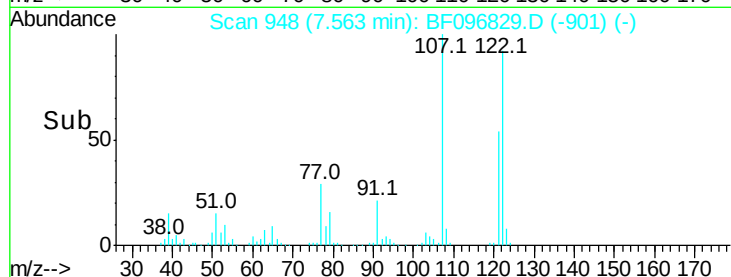
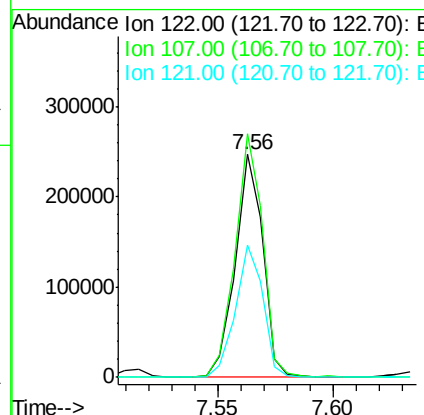
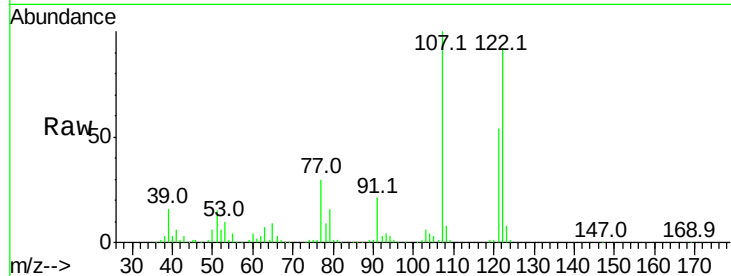
#27
 2,4-Dimethylphenol
 Concen: 34.403 ng
 RT: 7.56 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	206355		
107	109.1	89.2	133.8	
121	59.1	45.2	67.8	

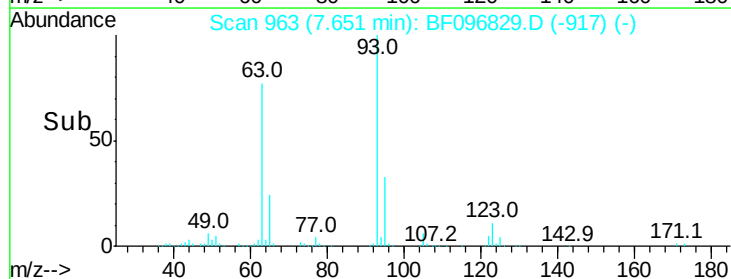
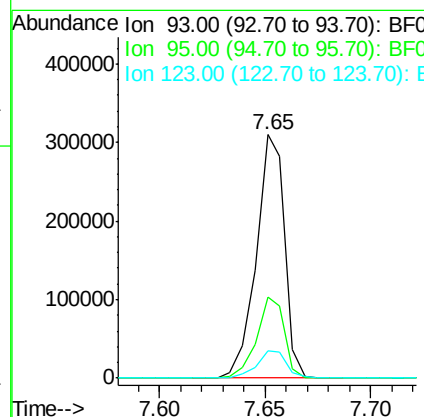
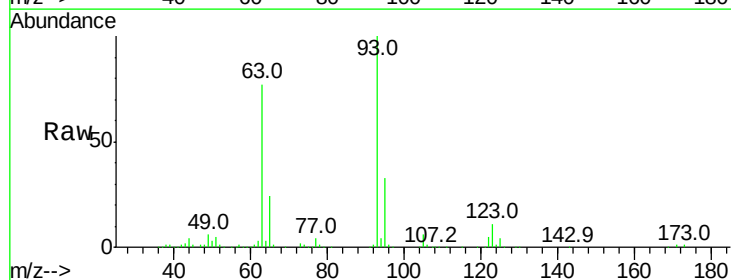
Manual Integrations
 APPROVED

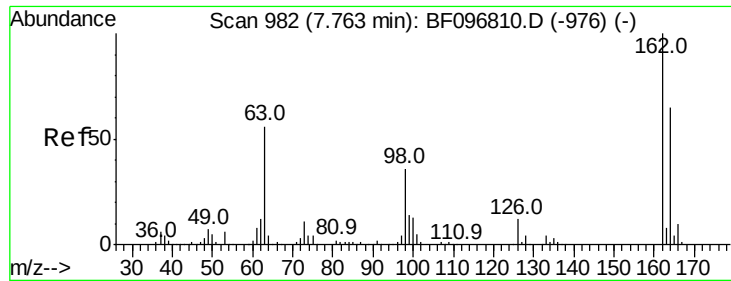
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.285 ng
 RT: 7.65 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289185		
95	33.2	26.5	39.7	
123	11.1	9.0	13.4	





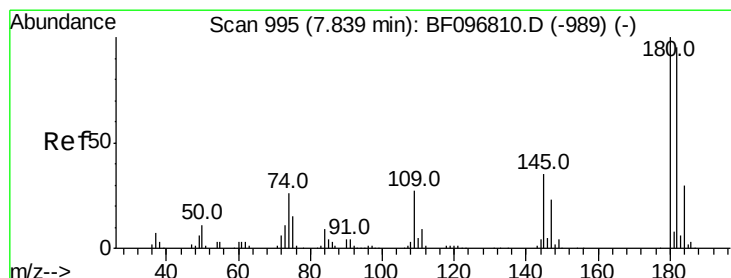
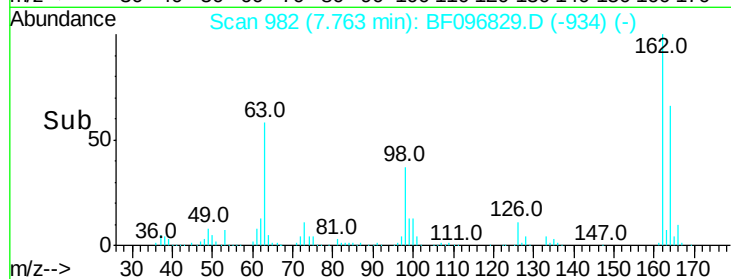
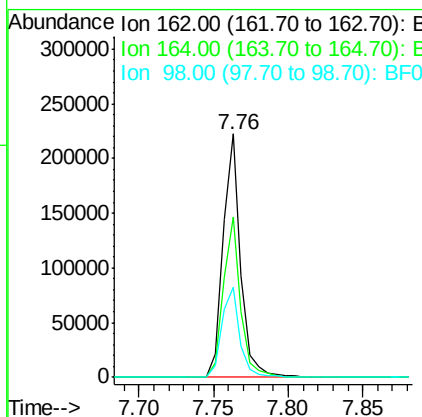
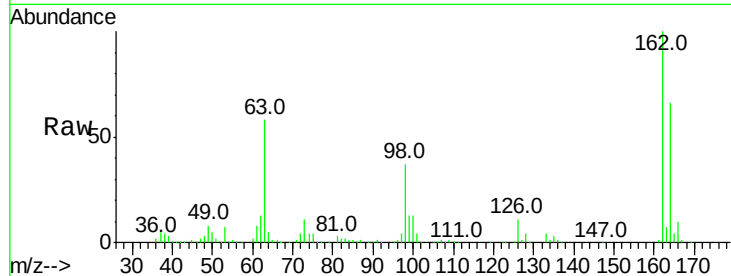
#29
 2,4-Dichlorophenol
 Concen: 33.986 ng
 RT: 7.76 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.6	84.6
98	36.9	14.8	54.8

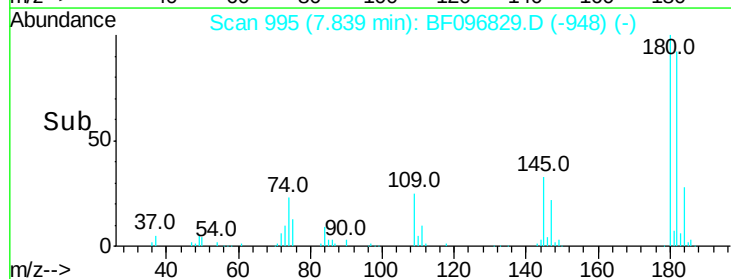
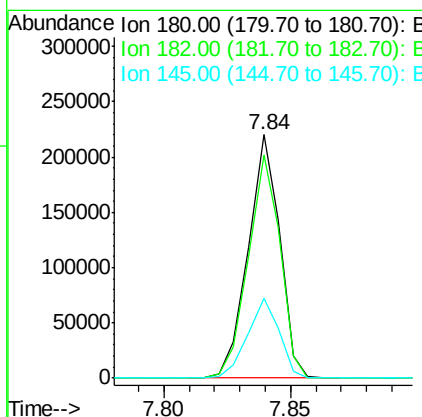
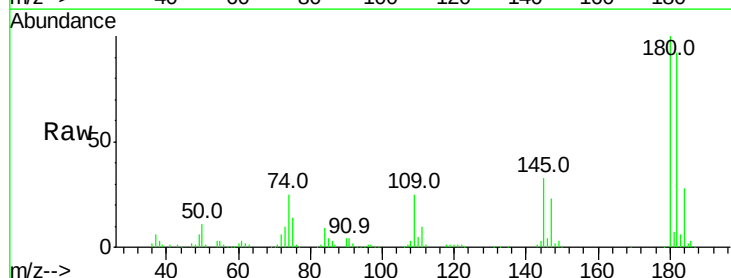
Manual Integrations
 APPROVED

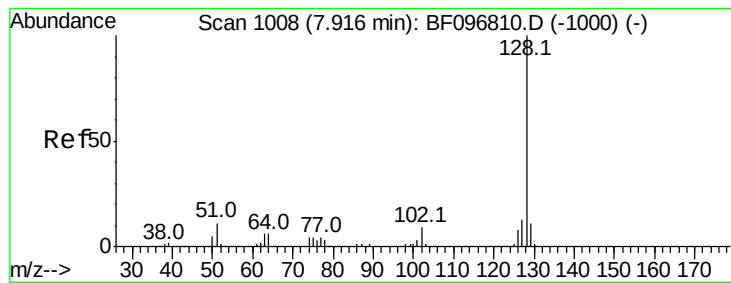
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.933 ng
 RT: 7.84 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.8	113.6
145	33.0	25.3	37.9





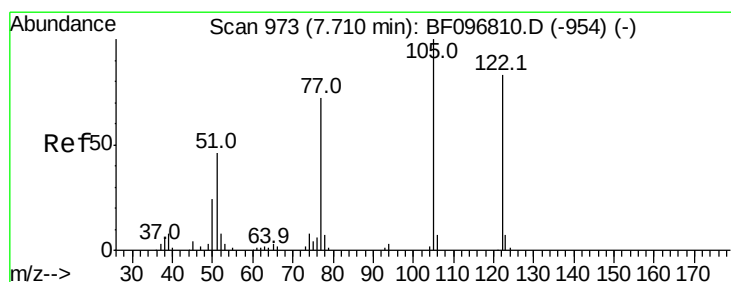
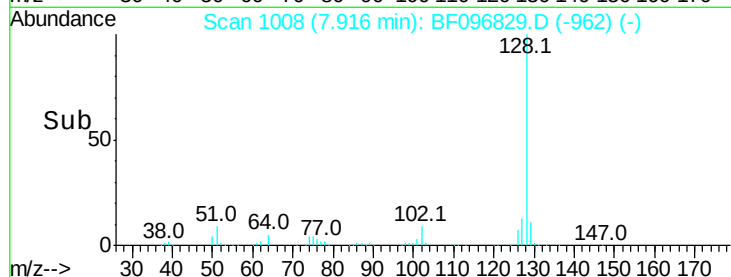
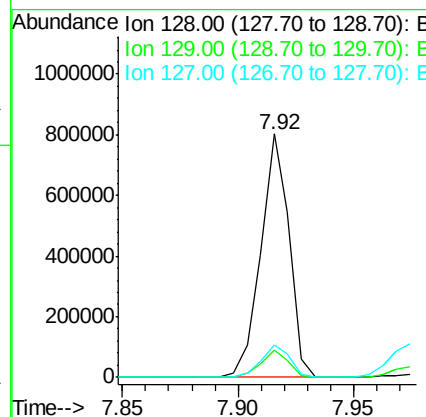
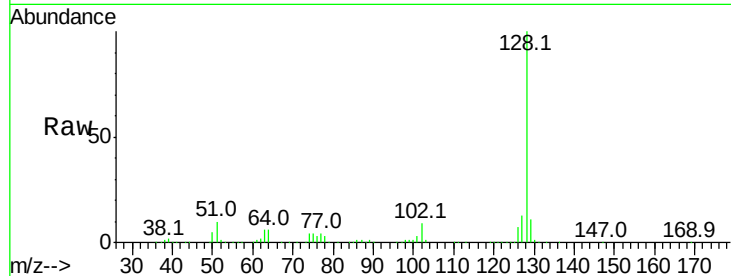
#31
Naphthalene
Concen: 36.747 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.8	16.2

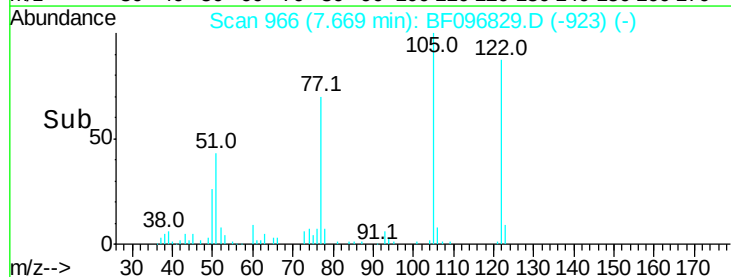
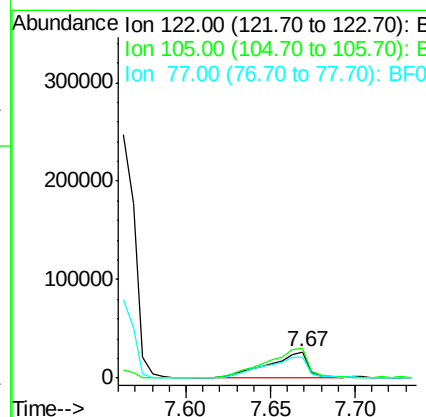
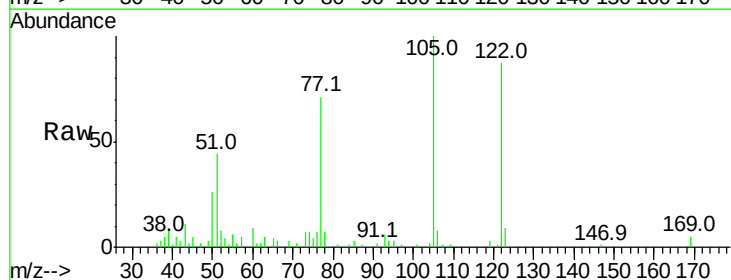
Manual Integrations
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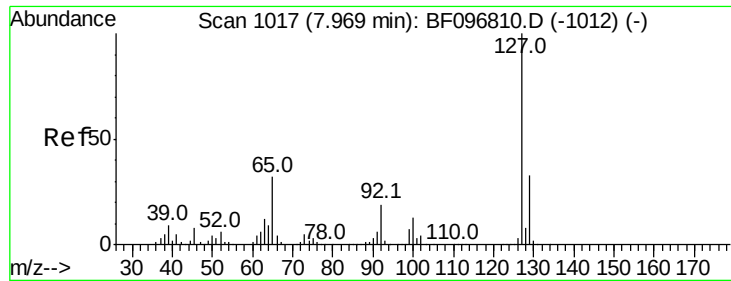
mohammad
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#32
Benzoic acid
Concen: 11.211 ng
RT: 7.67 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	103.3	143.3
77	81.0	73.7	113.7





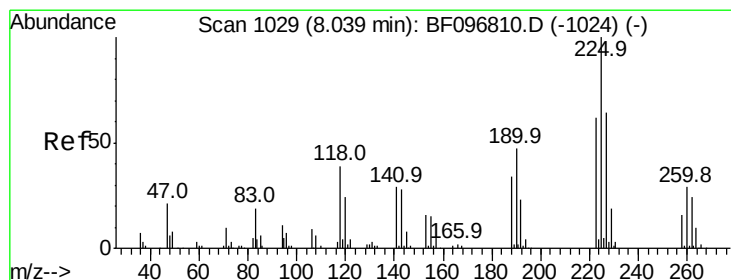
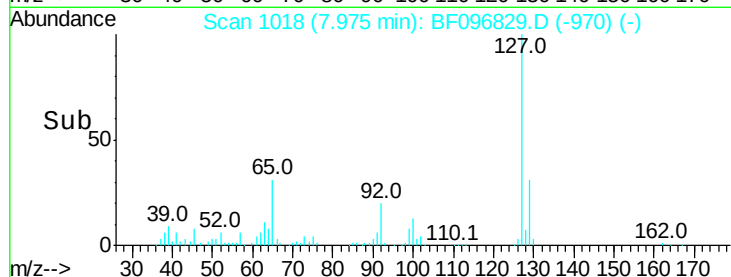
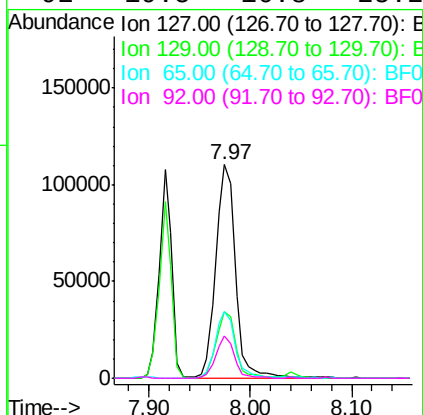
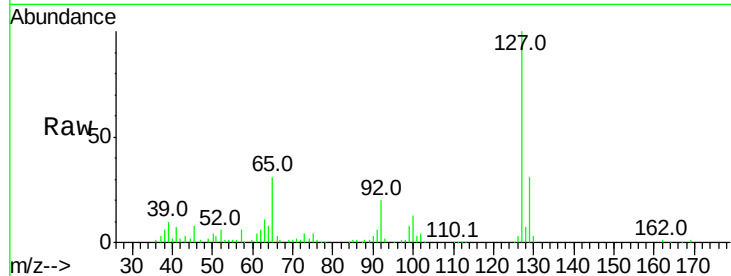
#33
4-Chloroaniline
Concen: 20.408 ng
RT: 7.97 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.2		
65	31.0	27.8	41.8		
92	19.5	16.8	25.2		

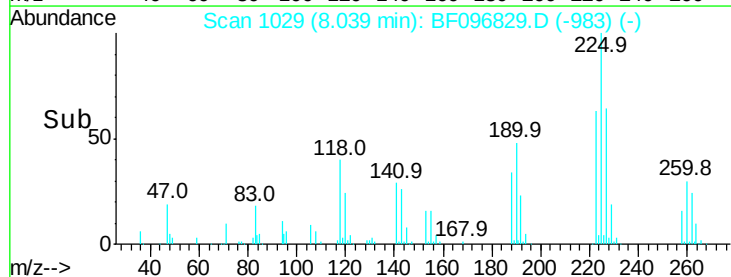
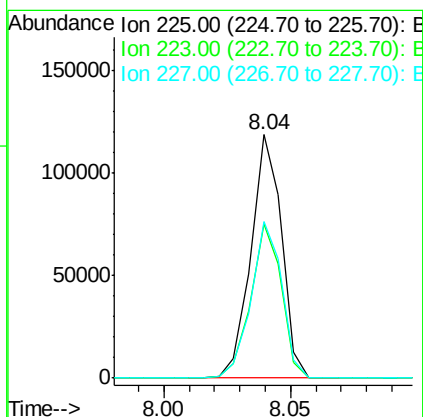
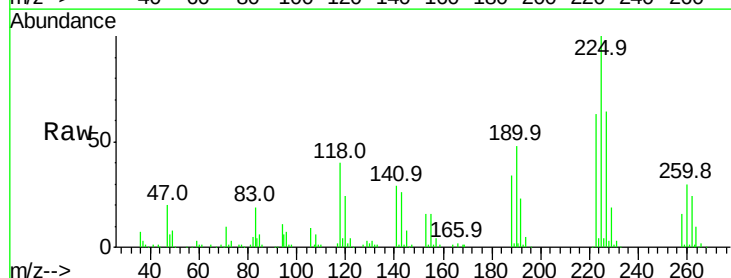
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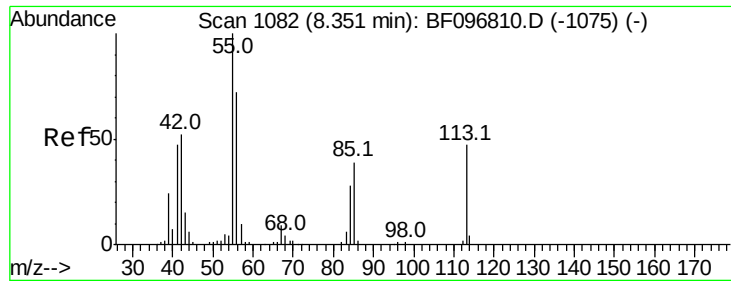
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#34
Hexachlorobutadiene
Concen: 36.210 ng
RT: 8.04 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.8	73.2		
227	64.1	51.1	76.7		





#35

Caprolactam

Concen: 23.464 ng

RT: 8.32 min Scan# 1077

Delta R.T. -0.05 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

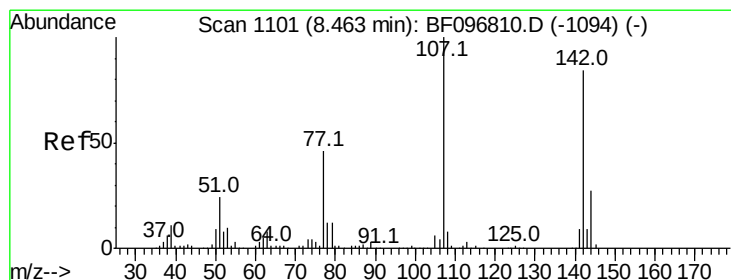
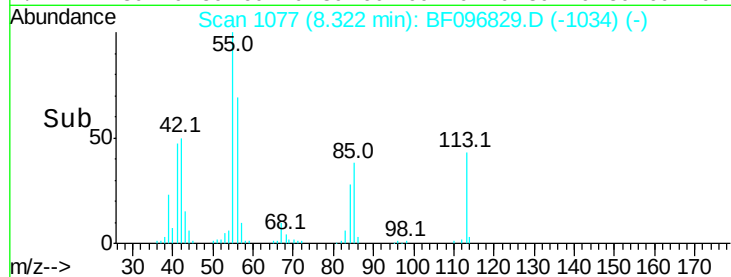
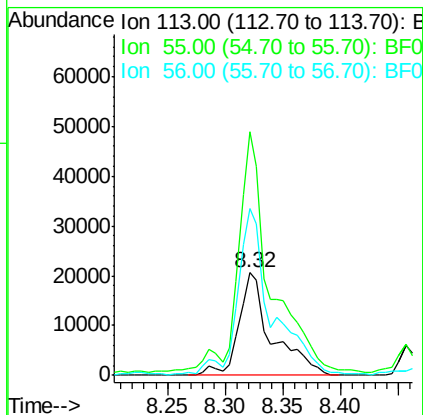
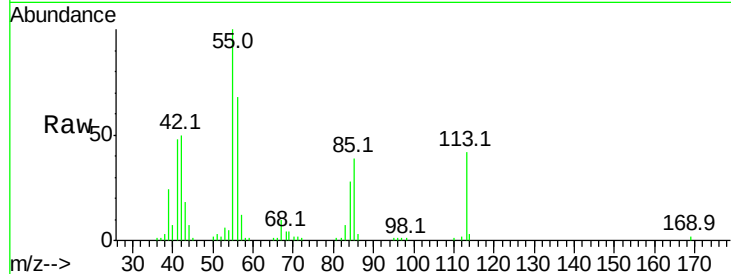
ClientSampleId :

NB-SB04AMS

Tot Ion:113 Resp: 40821
 Ion Ratio Lower Upper
 113 100
 55 237.2 150.2 190.2#
 56 162.2 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 29.625 ng

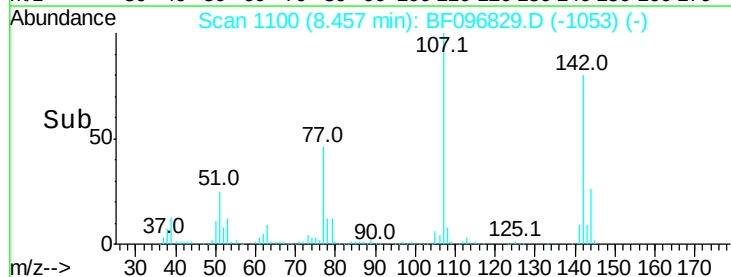
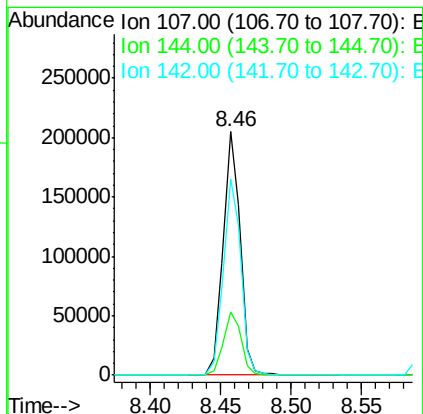
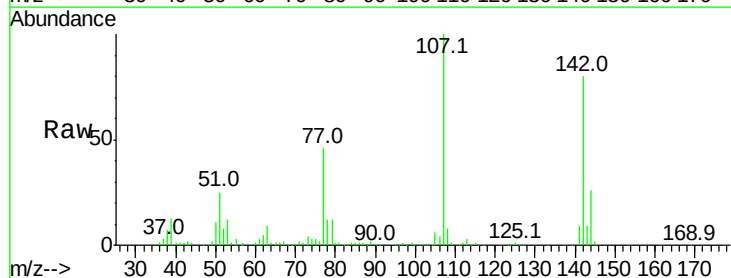
RT: 8.46 min Scan# 1100

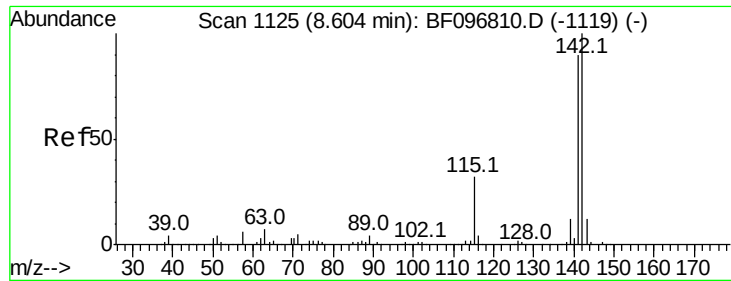
Delta R.T. -0.02 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:107 Resp: 172951
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.4 73.4 110.0





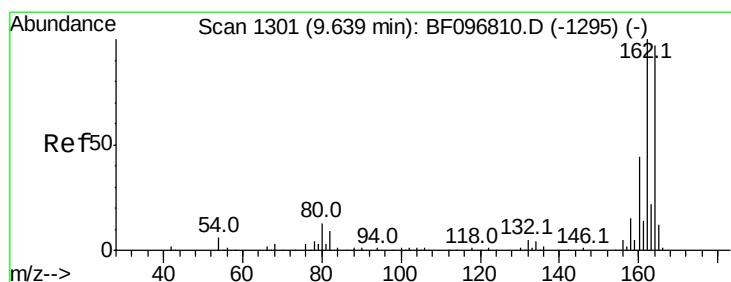
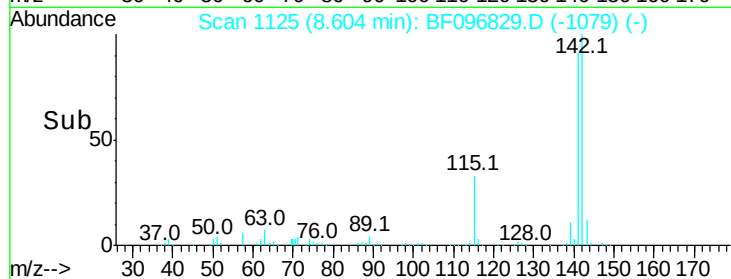
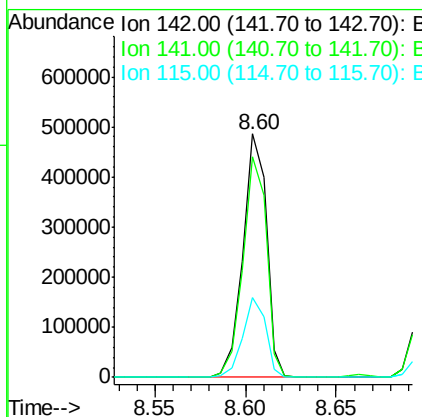
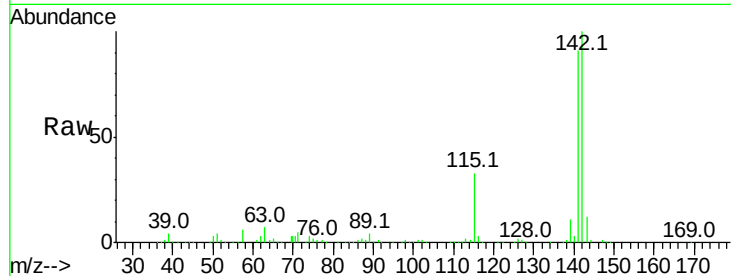
#37
2-Methylnaphthalene
Concen: 37.074 ng
RT: 8.60 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	32.9	27.1	40.7

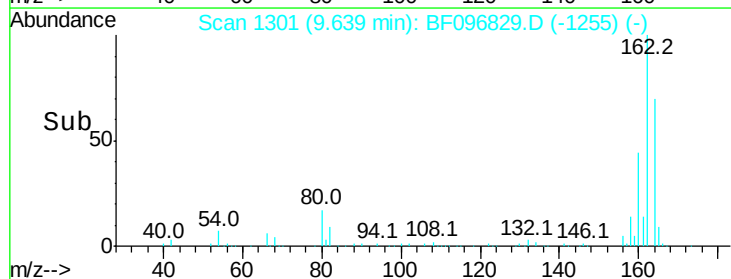
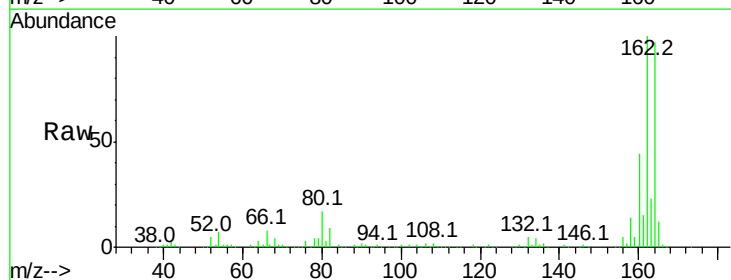
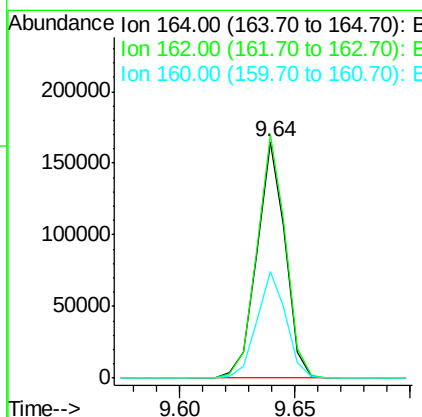
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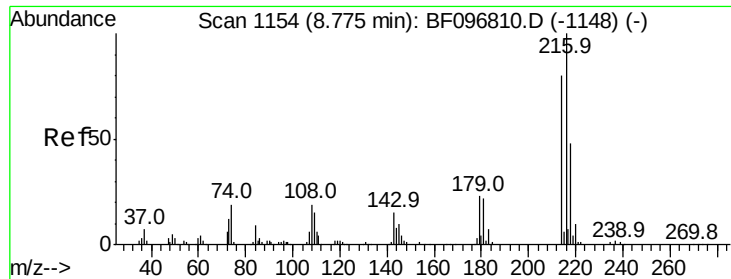
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.533 ng

RT: 8.77 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

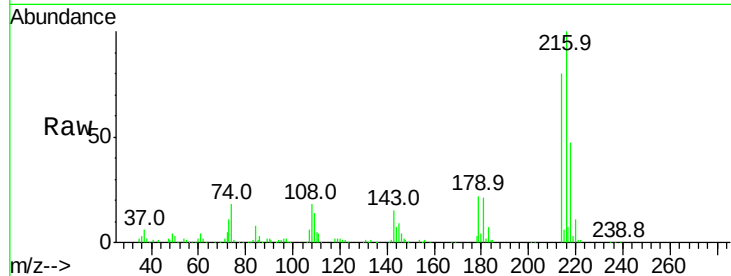
ClientSampleId :

NB-SB04AMS

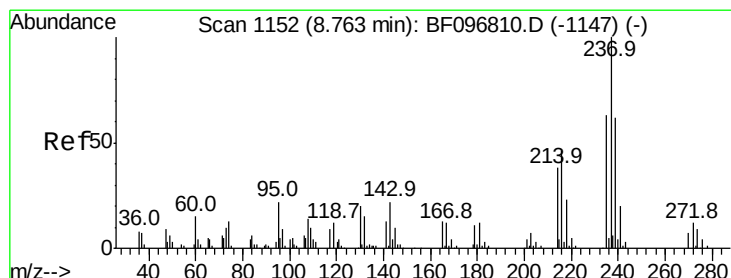
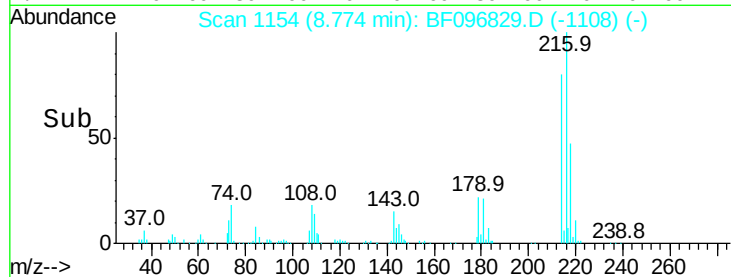
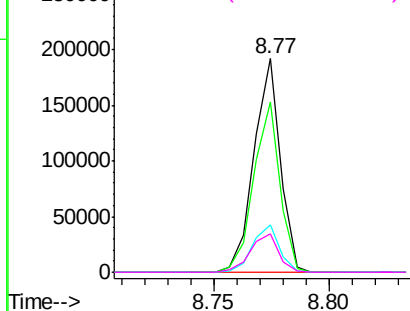
Tot Ion	Ratio	Resp	Lower	Upper
216	100	153589		
214	79.4	63.4	95.2	
179	22.5	17.9	26.9	
108	19.0	16.5	24.7	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.815 ng

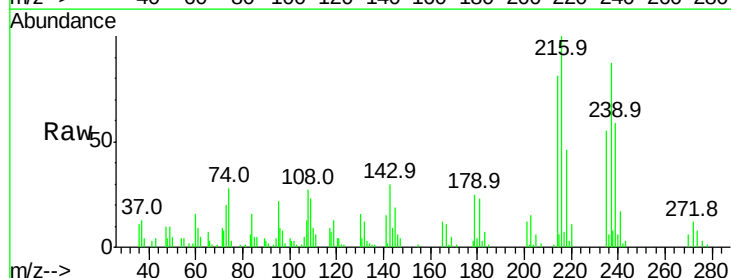
RT: 8.76 min Scan# 1152

Delta R.T. -0.03 min

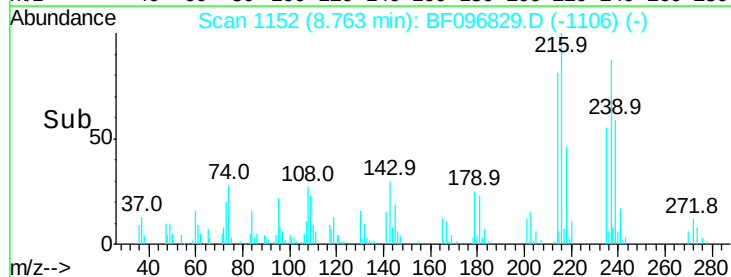
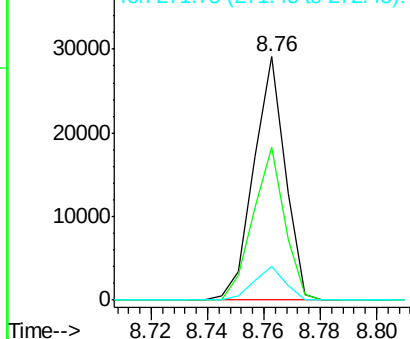
Lab File: BF096829.D

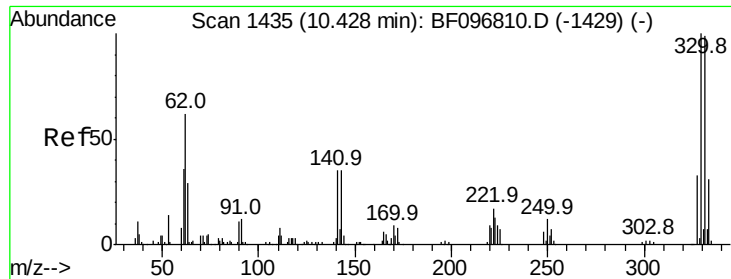
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	22541		
235	62.6	42.6	82.6	
272	13.9	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 105.893 ng

RT: 10.43 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

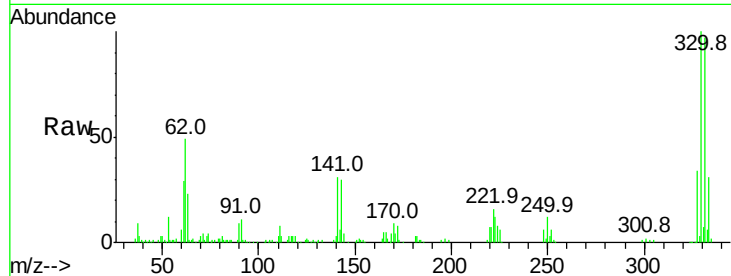
ClientSampleId :

NB-SB04AMS

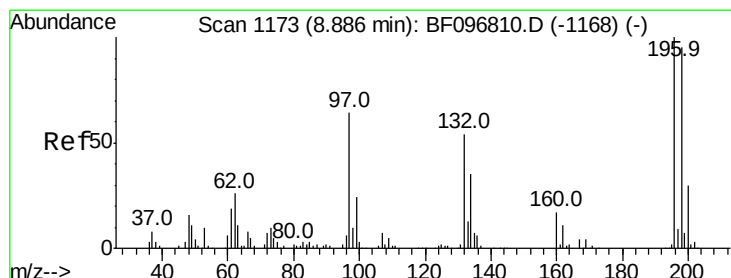
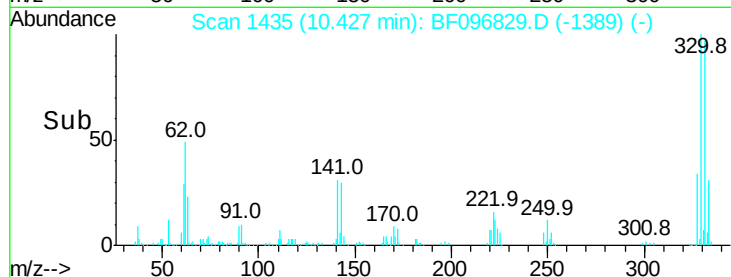
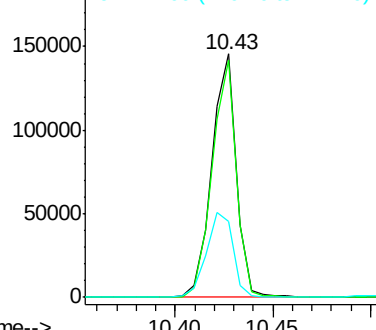
Tot Ion:	330	Resp:	126702
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	115.0
141	38.4	31.4	47.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.075 ng

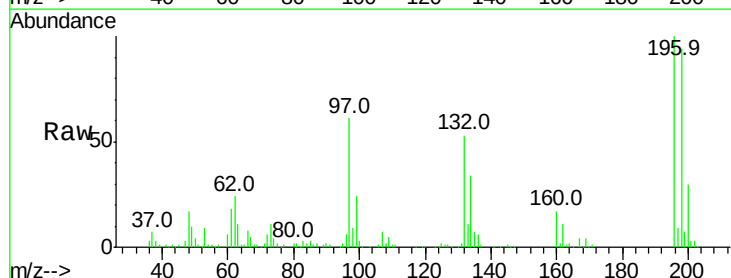
RT: 8.89 min Scan# 1173

Delta R.T. -0.02 min

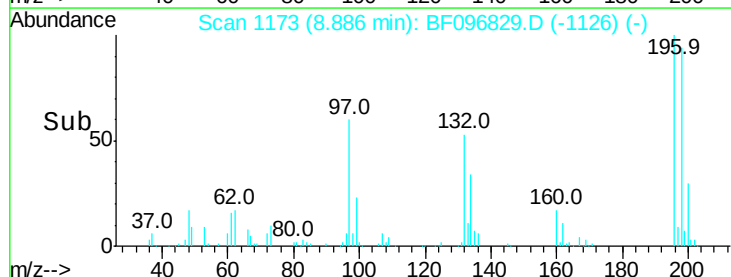
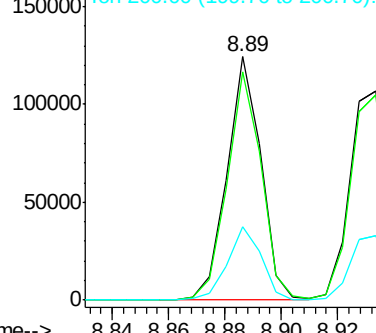
Lab File: BF096829.D

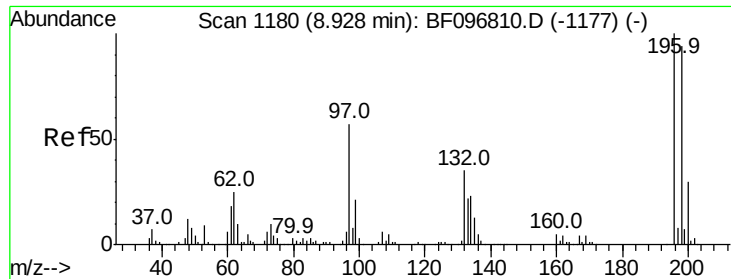
Acq: 17 Jul 2017 19:46

Tgt Ion:	196	Resp:	103627
Ion Ratio	Lower	Upper	
196	100		
198	93.9	74.2	111.4
200	30.1	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





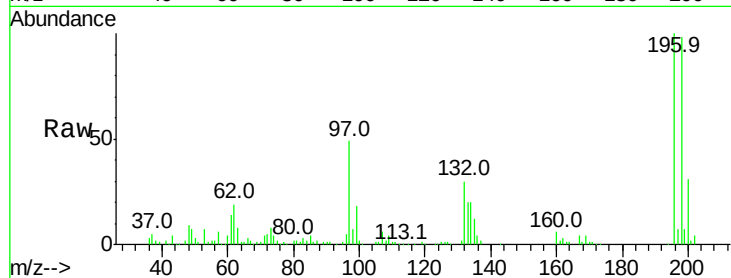
#43
 2,4,5-Trichlorophenol
 Concen: 35.115 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

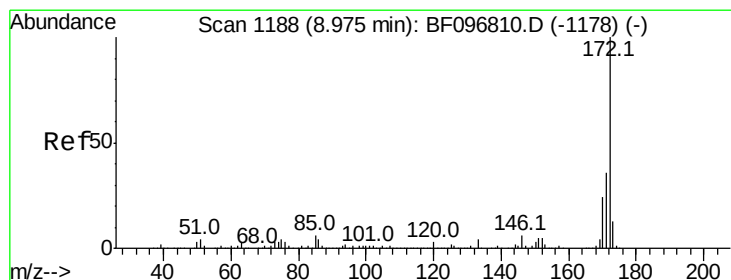
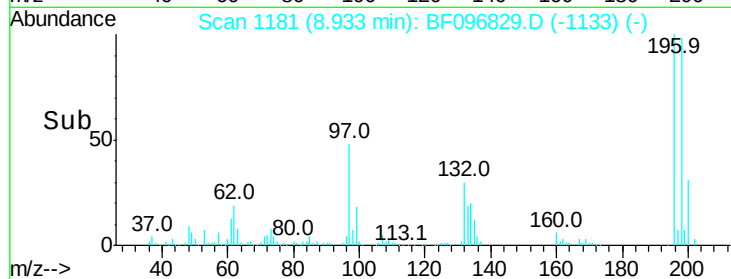
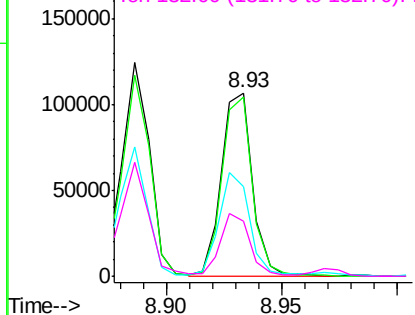
Tot Ion	196	Resp	98987
Ion Ratio	Lower	Upper	
196	100		
198	97.9	75.7	113.5
97	48.8	47.7	71.5
132	30.2	28.0	42.0

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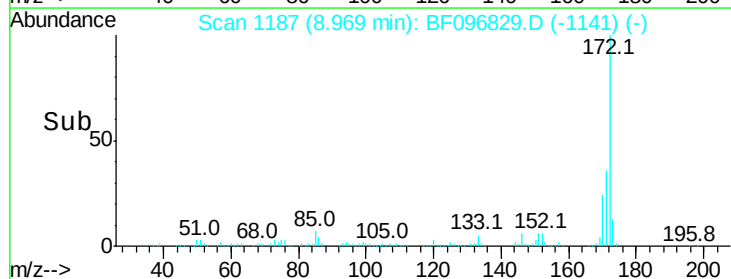
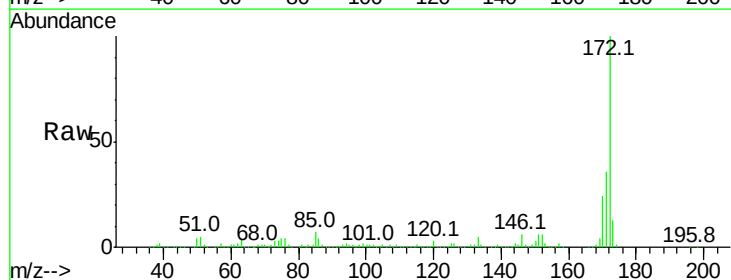
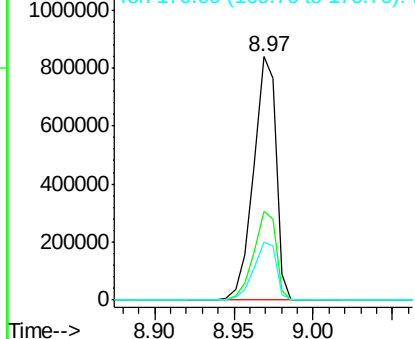
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

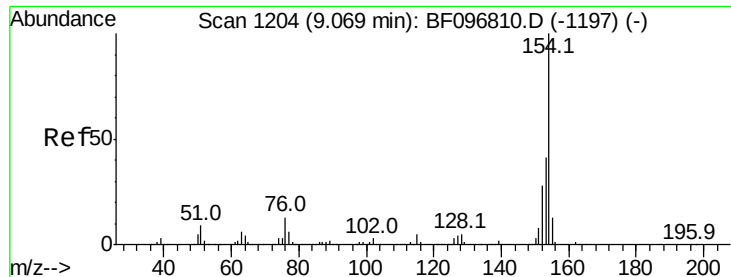


#44
 2-Fluorobiphenyl
 Concen: 93.327 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	172	Resp	828019
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.767 ng

RT: 9.07 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

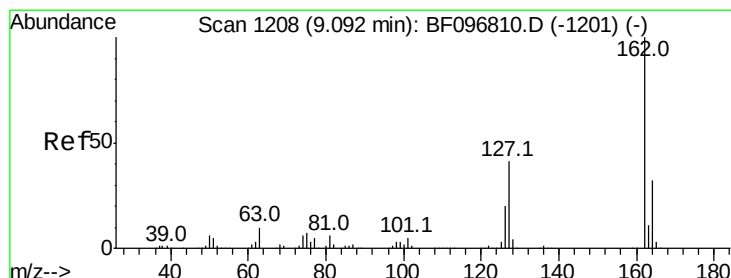
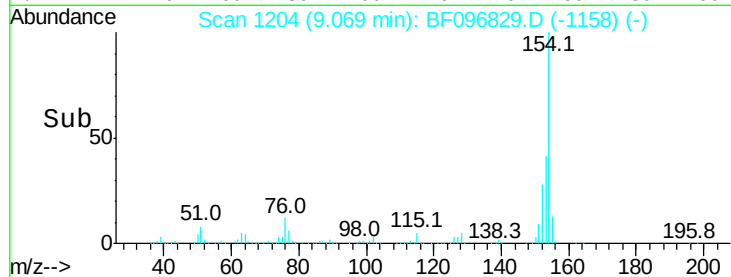
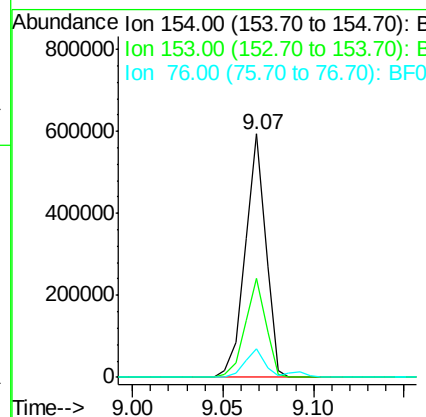
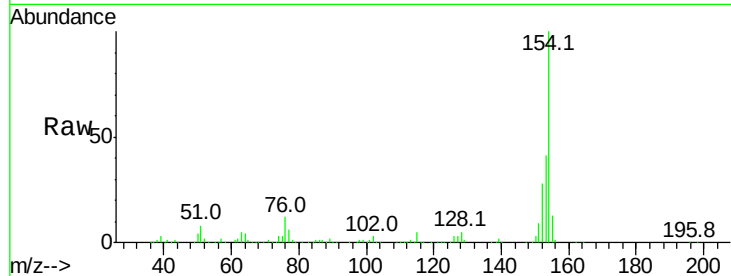
ClientSampleId :

NB-SB04AMS

Tot Ion:	154	Resp:	466049
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	11.9	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 39.066 ng

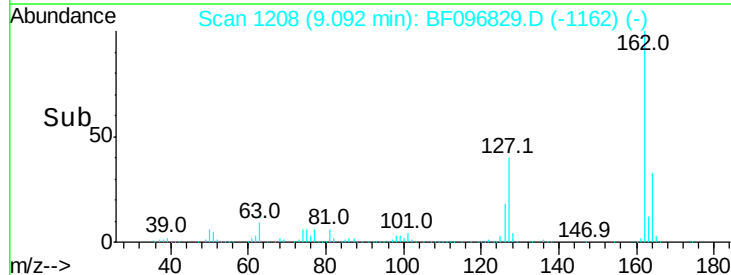
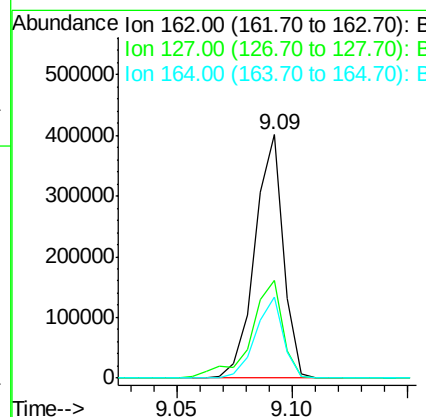
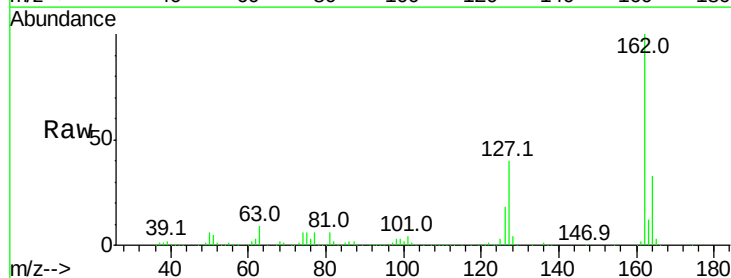
RT: 9.09 min Scan# 1208

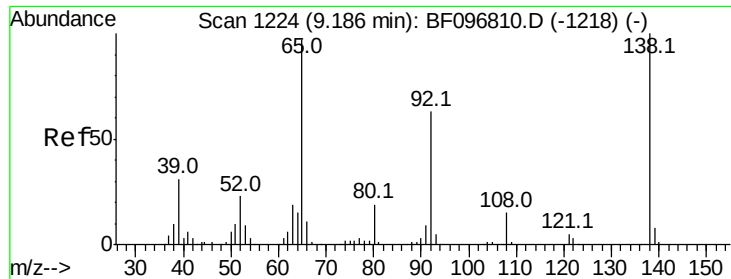
Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	162	Resp:	345829
Ion Ratio	Lower	Upper	
162	100		
127	40.4	28.3	42.5
164	33.4	27.0	40.4





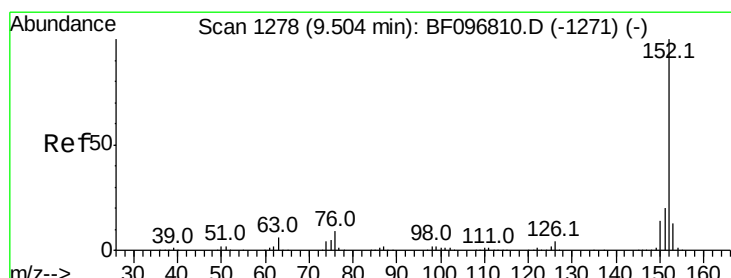
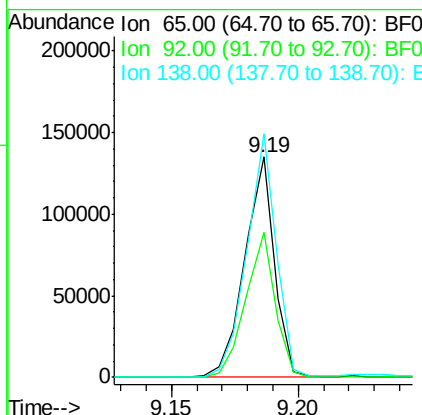
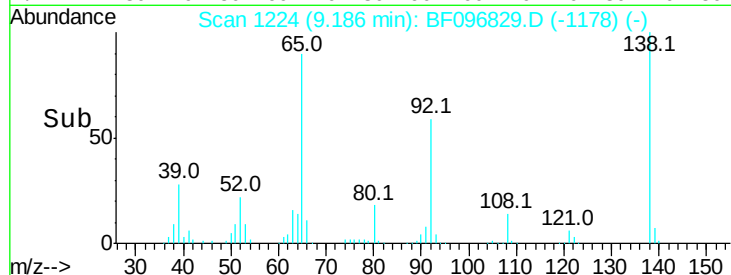
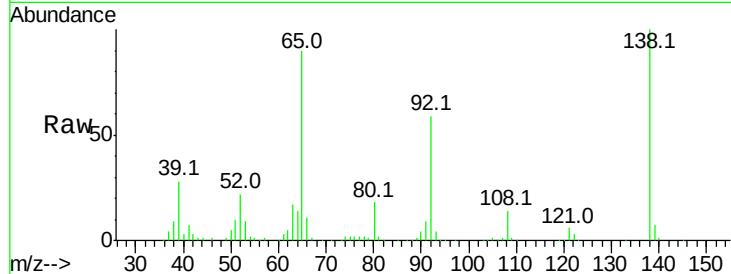
#47
 2-Nitroaniline
 Concen: 36.237 ng
 RT: 9.19 min Scan# 1224
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion:	65	Resp:	110265
Ion Ratio	Lower	Upper	
65	100		
92	65.8	53.9	80.9
138	110.7	78.8	118.2

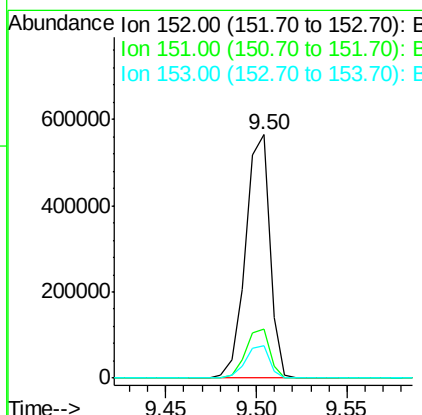
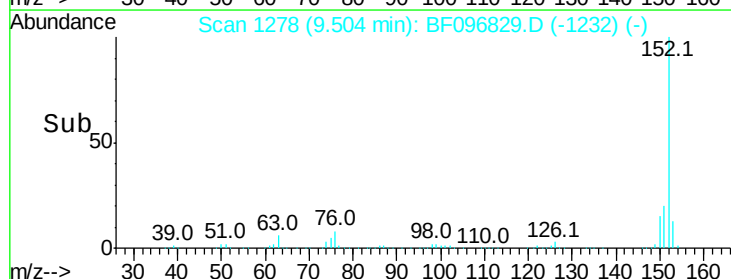
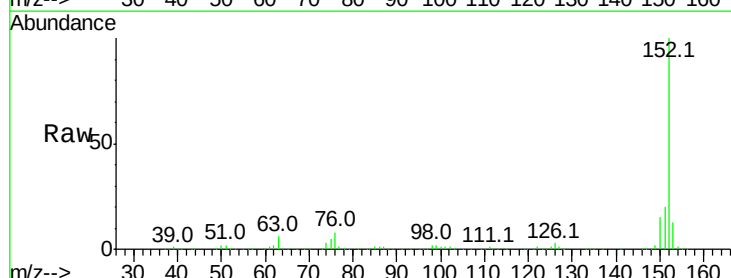
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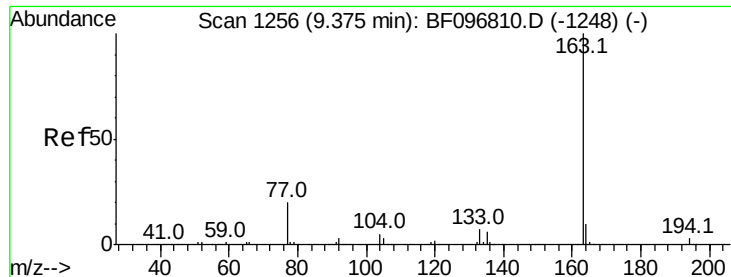
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#48
 Acenaphthylene
 Concen: 37.254 ng
 RT: 9.50 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion:	152	Resp:	525458
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	13.1	10.8	16.2





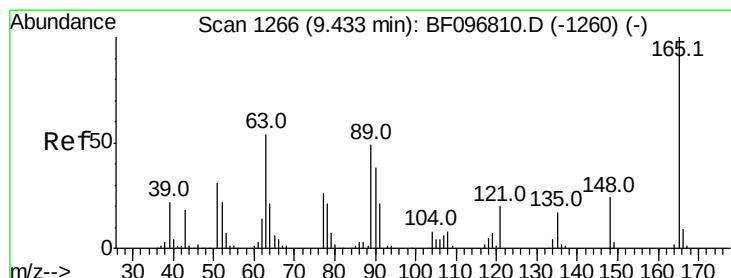
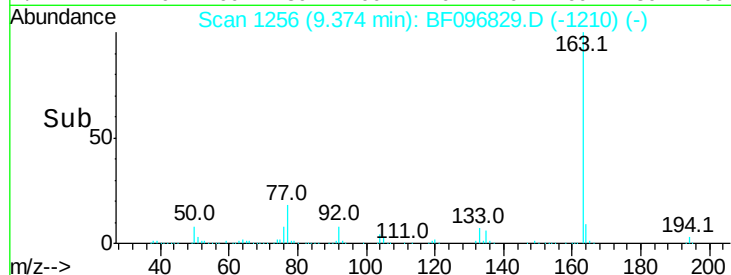
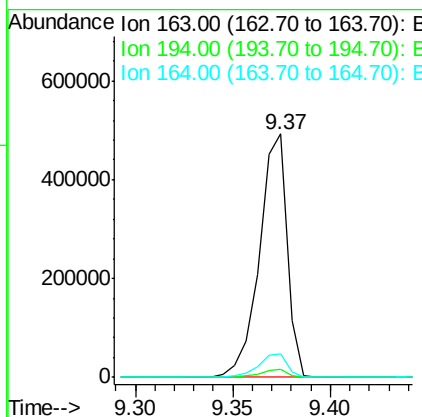
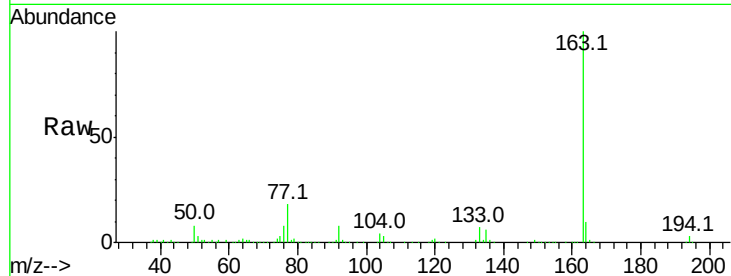
#49
Dimethylphthalate
Concen: 46.007 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

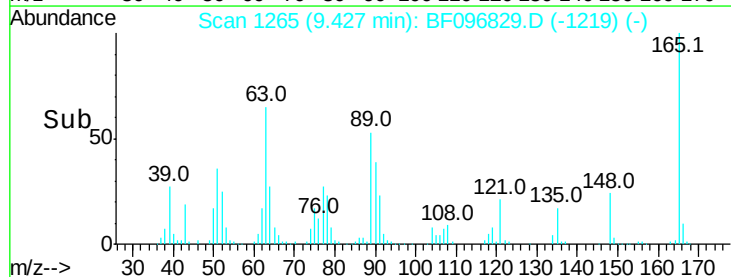
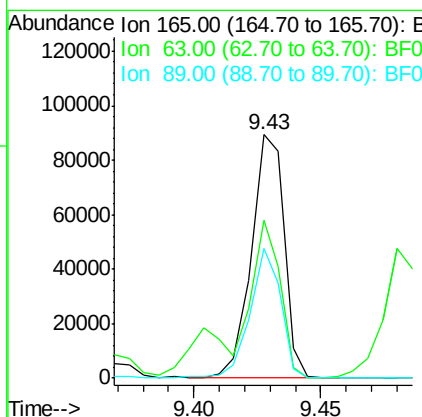
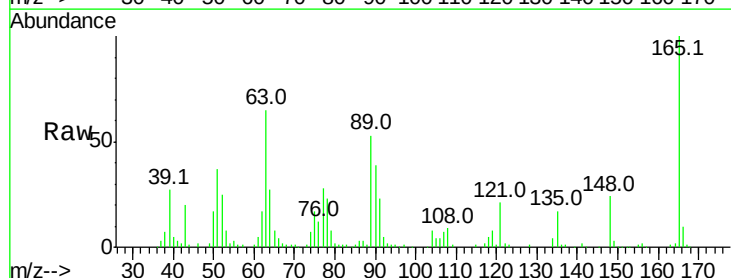
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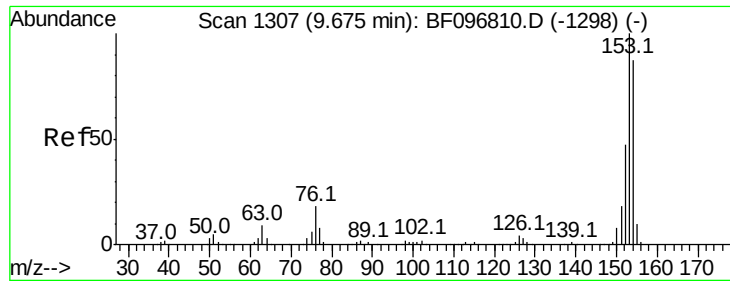
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#50
2,6-Dinitrotoluene
Concen: 35.374 ng
RT: 9.43 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	64.9	34.3	51.5#
89	53.4	37.1	55.7





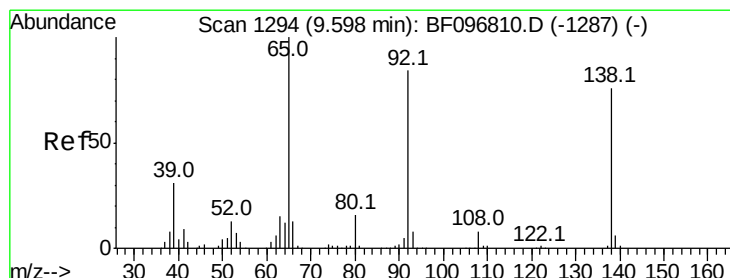
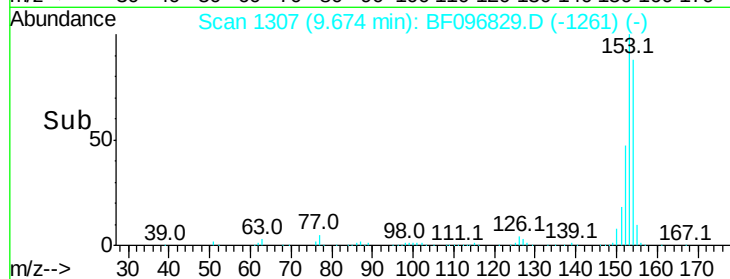
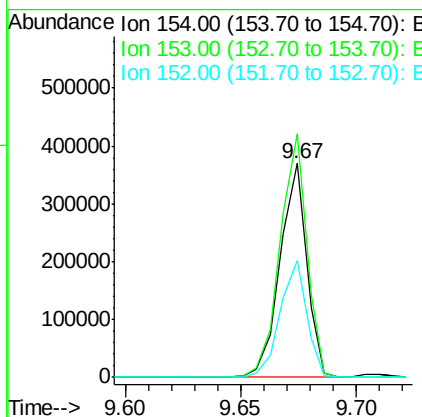
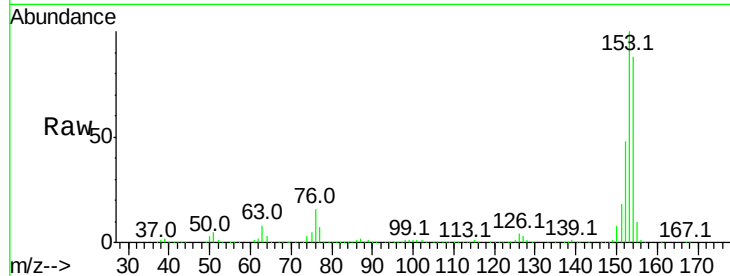
#51
Acenaphthene
Concen: 35.461 ng
RT: 9.67 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	54.6	43.6	65.4

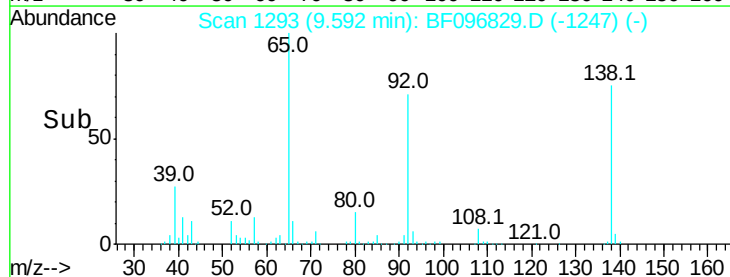
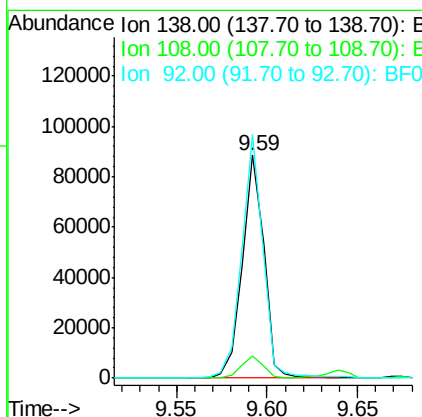
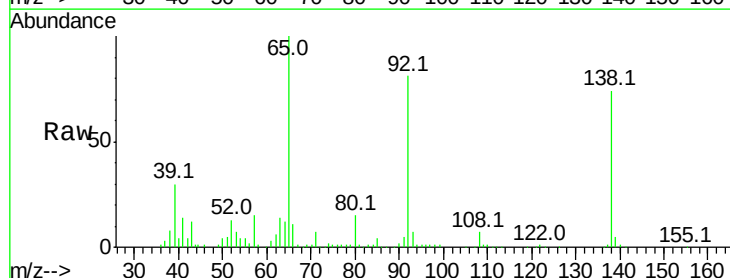
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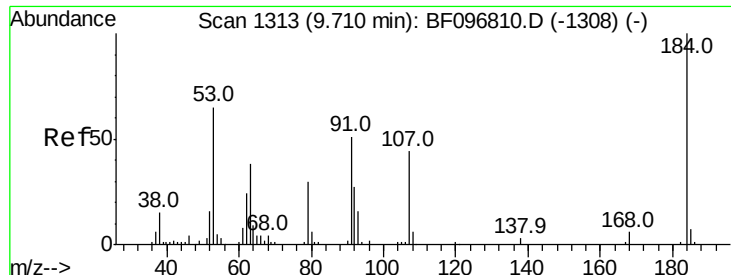
mohammad
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#52
3-Nitroaniline
Concen: 27.072 ng
RT: 9.59 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	109.3	93.8	140.6





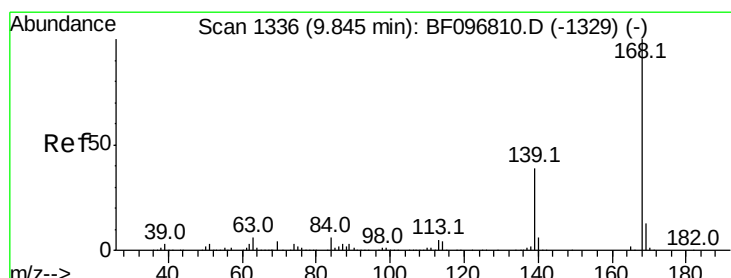
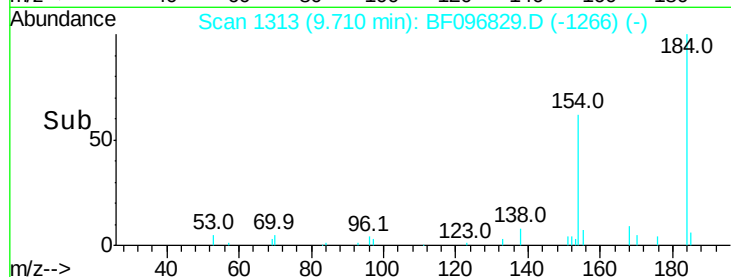
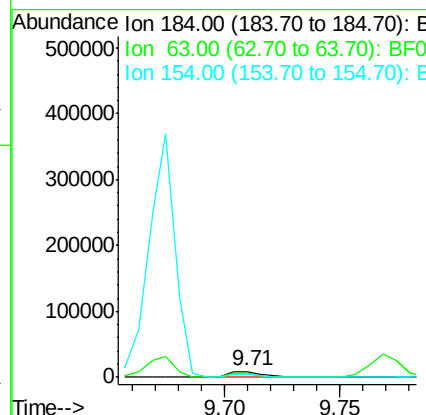
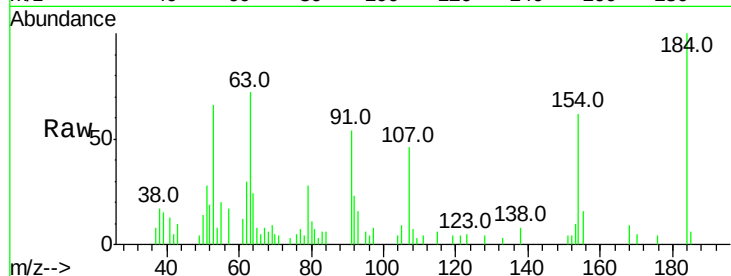
#53
2,4-Dinitrophenol
Concen: 14.460 ng
RT: 9.71 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.9	62.7	94.1
154	61.8	81.1	121.7#

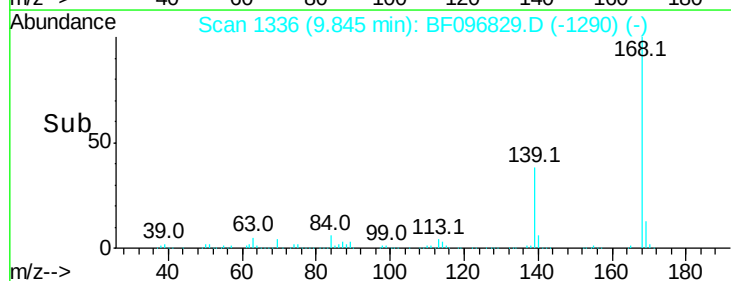
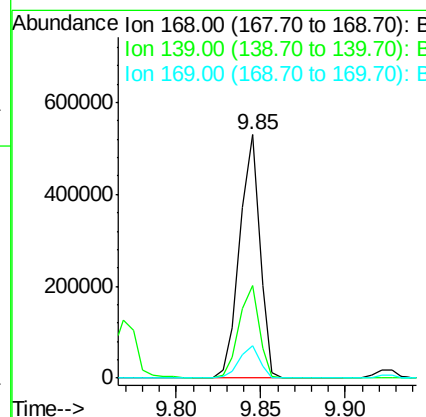
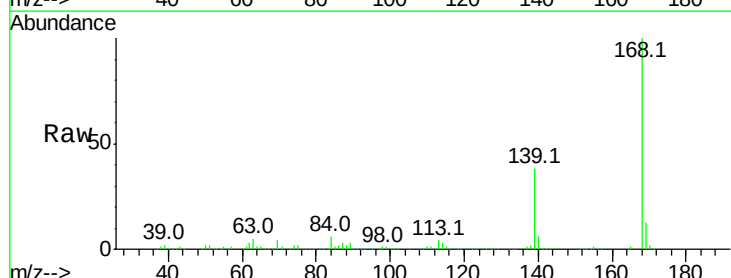
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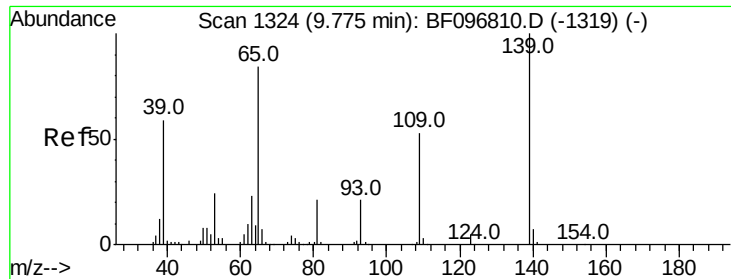
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#54
Dibenzofuran
Concen: 37.626 ng
RT: 9.85 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	45.8
169	13.3	10.8	16.2





#55

4-Nitrophenol

Concen: 59.855 ng

RT: 9.77 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMS

Tot Ion:139 Resp: 118428

Ion Ratio Lower Upper

139 100

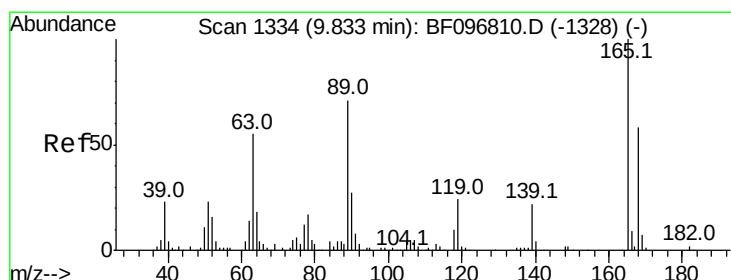
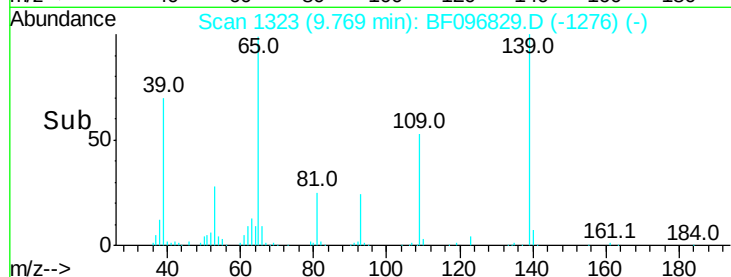
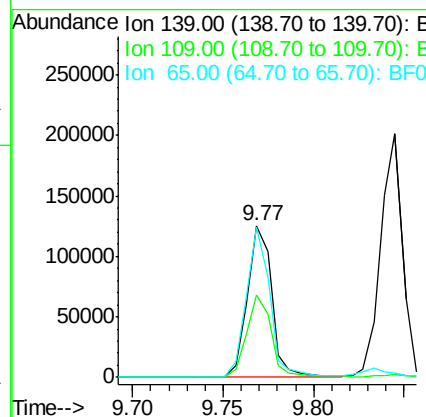
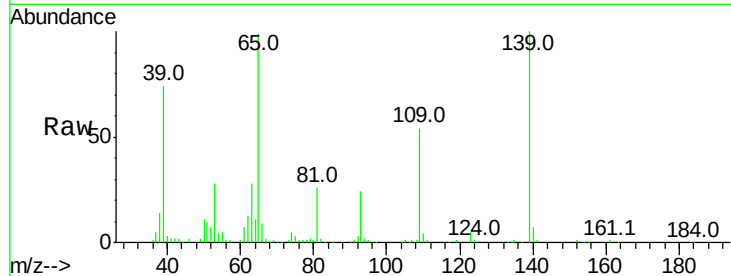
109 53.9 34.1 74.1

65 99.3 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 32.136 ng

RT: 9.83 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:165 Resp: 94405

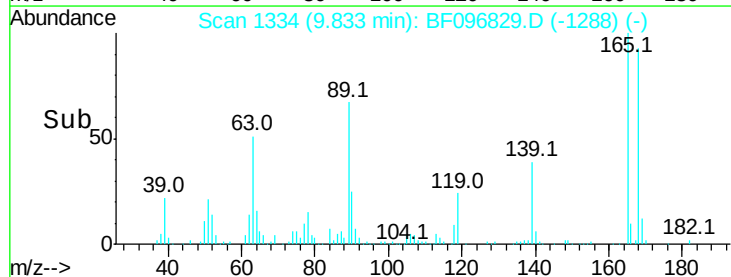
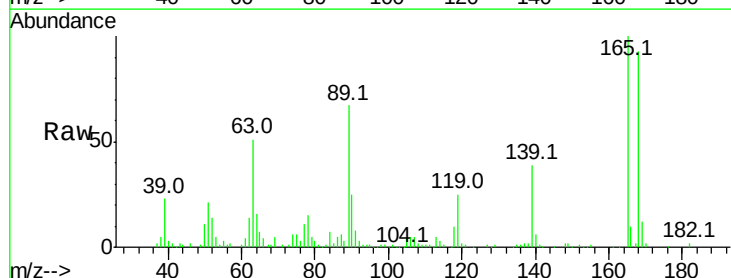
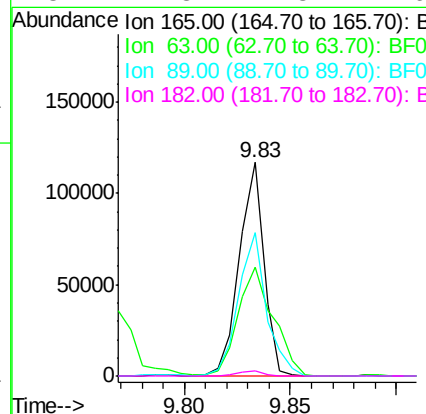
Ion Ratio Lower Upper

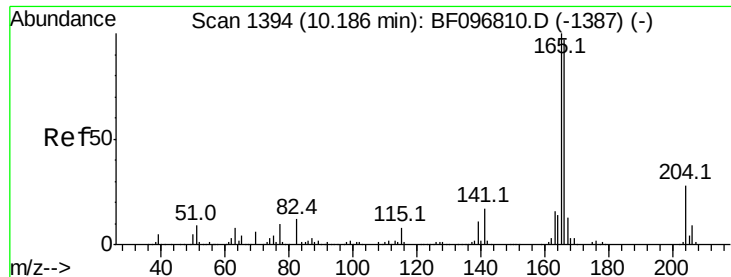
165 100

63 50.7 25.4 38.0#

89 67.2 46.4 69.6

182 2.3 1.8 2.6





#57

Fluorene

Concen: 36.547 ng

RT: 10.19 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMS

Tot Ion:166 Resp: 315336

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

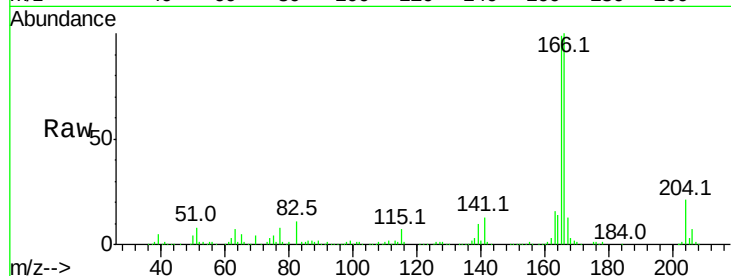
167 13.4 10.6 16.0

Manual Integrations

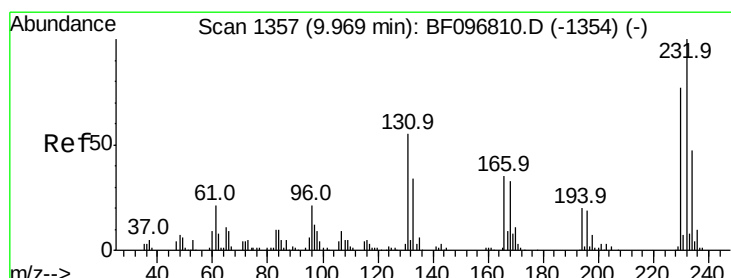
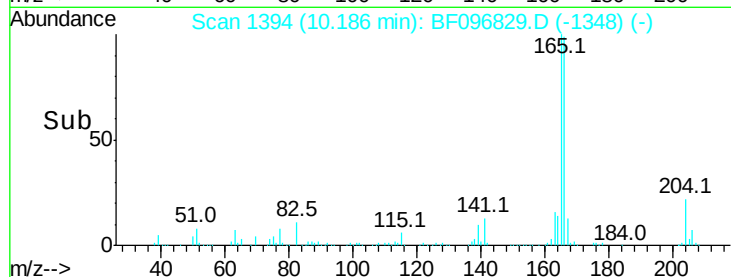
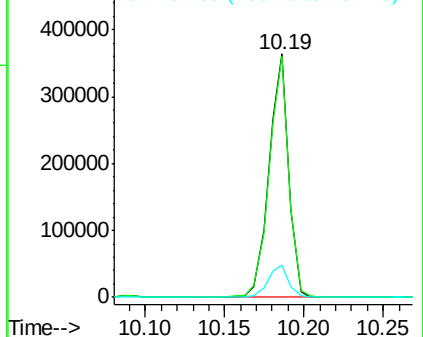
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.873 ng

RT: 9.97 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:232 Resp: 68177

Ion Ratio Lower Upper

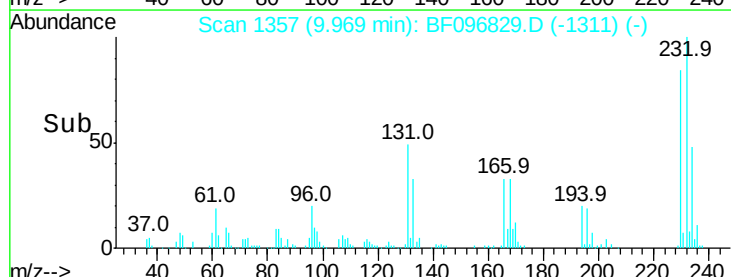
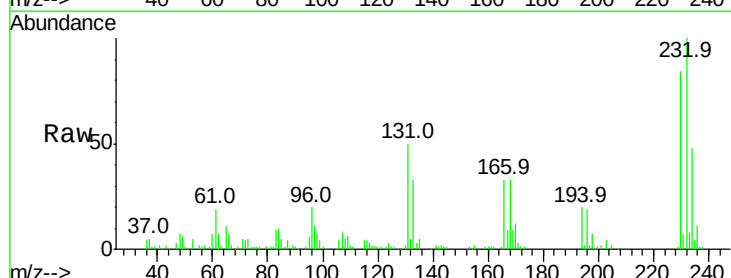
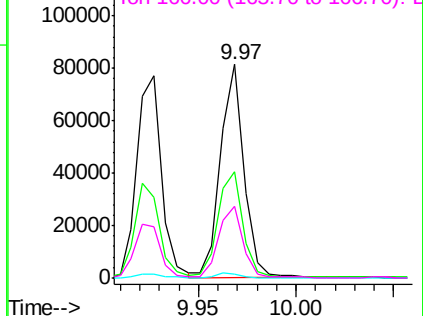
232 100

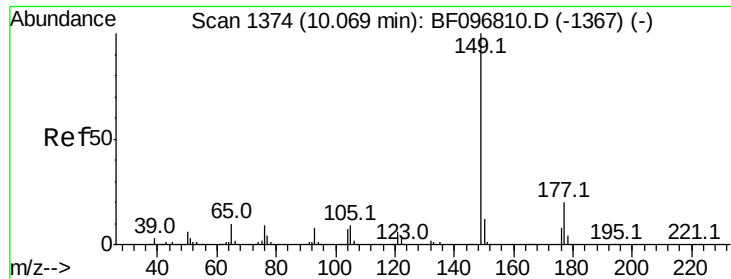
131 51.9 44.8 67.2

130 2.3 2.3 3.5#

166 35.5 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





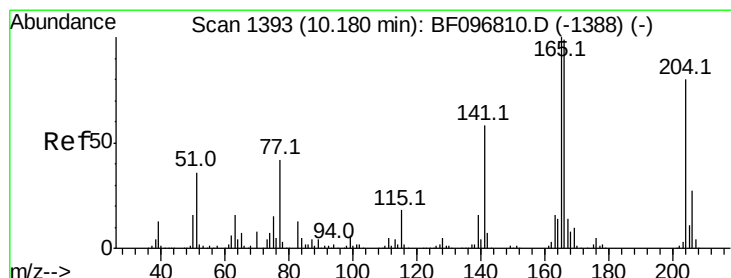
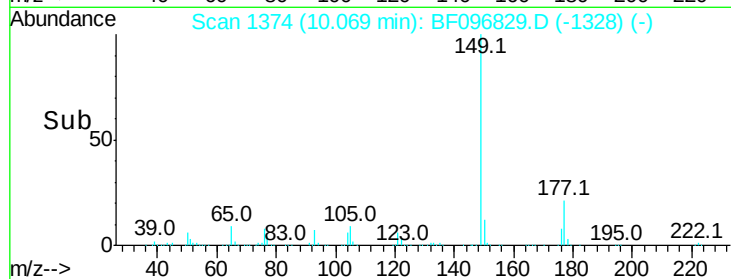
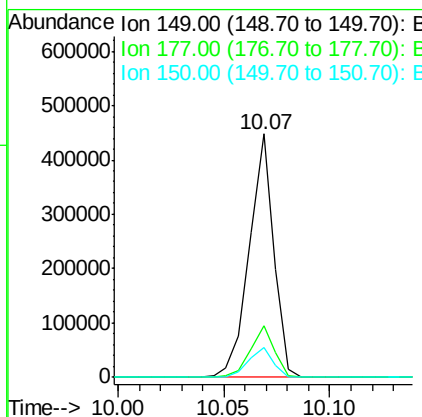
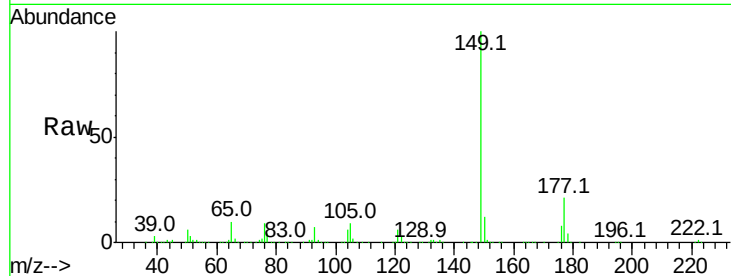
#59
Diethylphthalate
Concen: 35.231 ng
RT: 10.07 min Scan# 1374
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	361994		
177	21.1	16.7	25.1	
150	12.3	10.2	15.2	

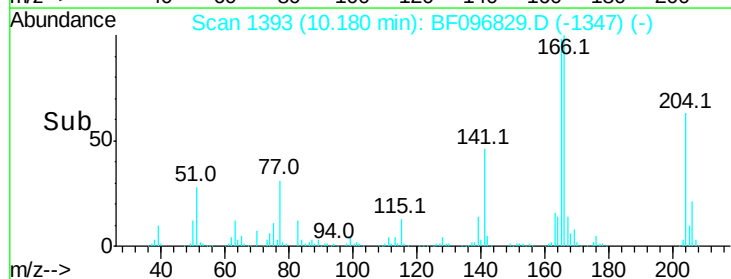
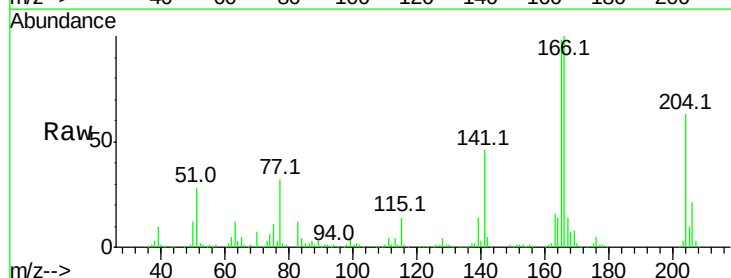
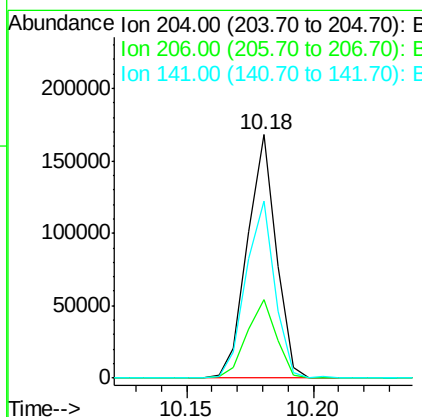
Manual Integrations
APPROVED

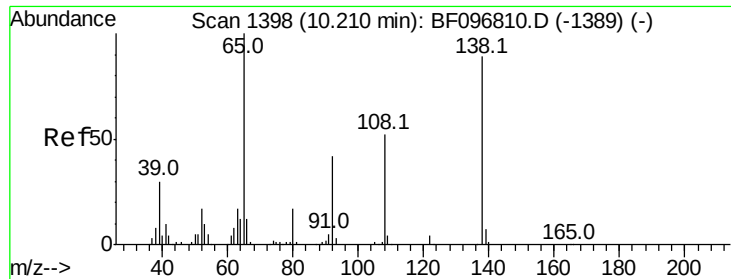
mohammad
7/20/2017 8:38:38 AM



#60
4-Chlorophenyl-phenylether
Concen: 35.068 ng
RT: 10.18 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	132962		
206	32.5	26.2	39.2	
141	72.9	60.8	91.2	





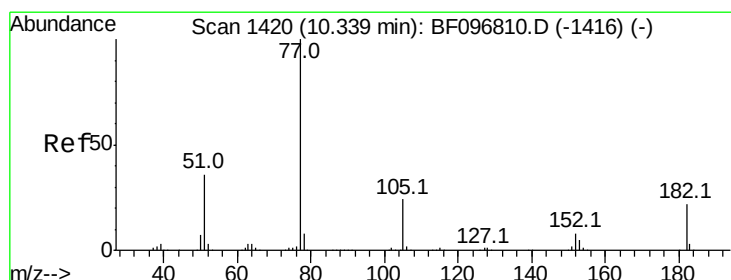
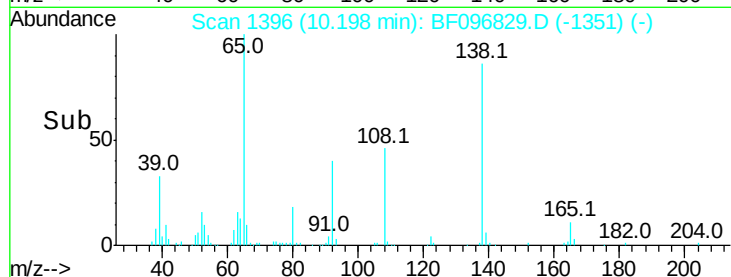
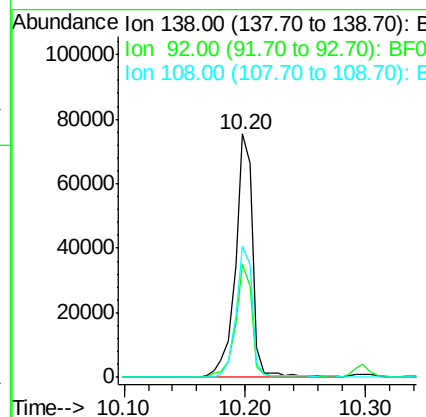
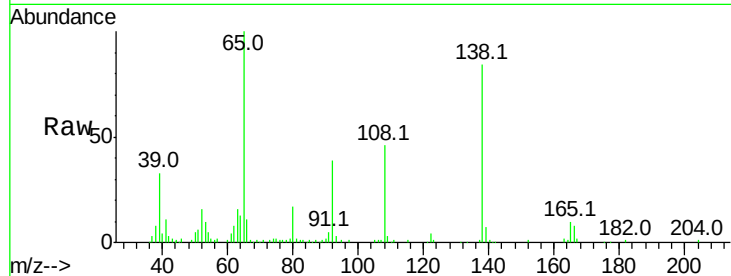
#61
4-Nitroaniline
Concen: 29.585 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	21.8	61.8
108	54.0	42.3	82.3

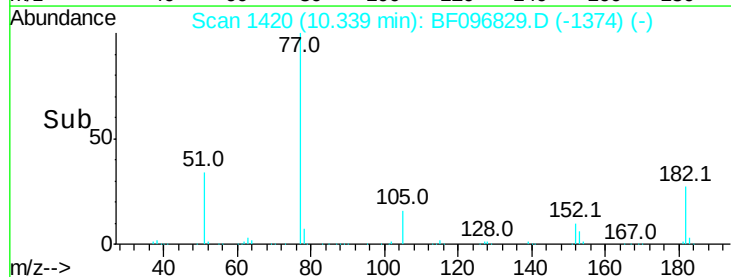
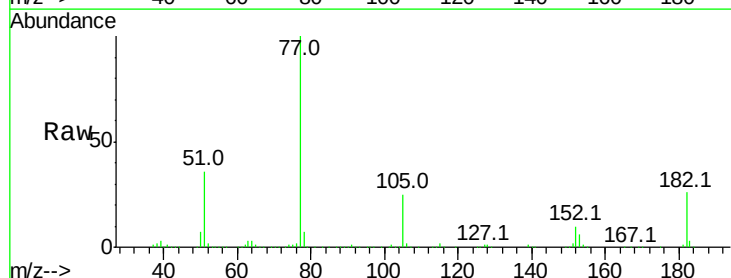
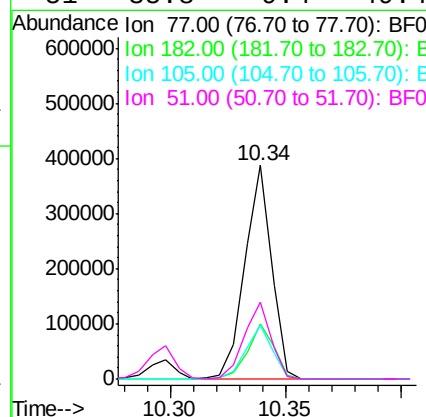
Manual Integrations
APPROVED

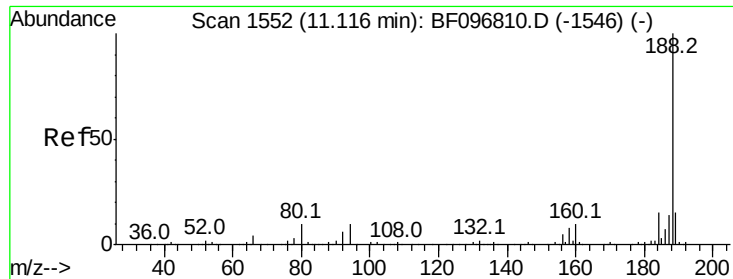
mohammad
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#62
Azobenzene
Concen: 34.572 ng
RT: 10.34 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	25.1	3.6	43.6
51	35.8	9.4	49.4





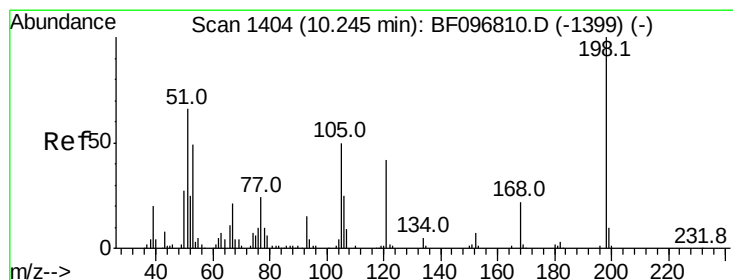
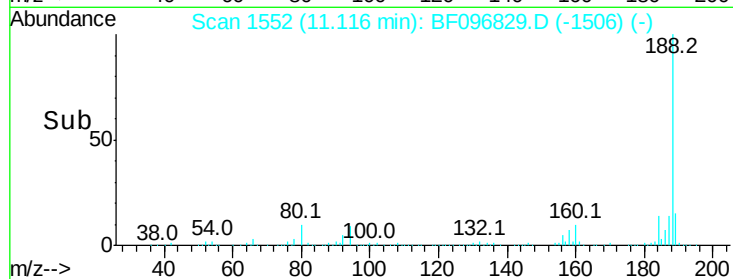
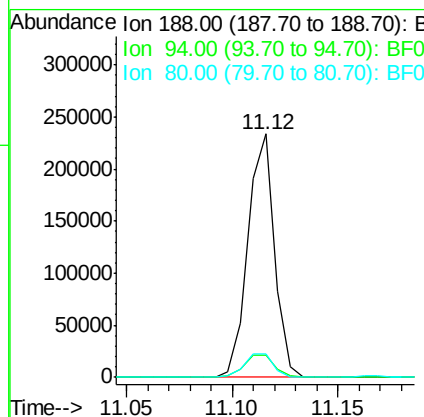
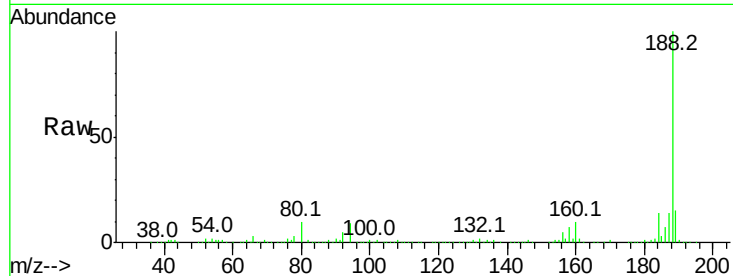
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.12 min Scan# 1552
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	9.8	10.2	15.2#

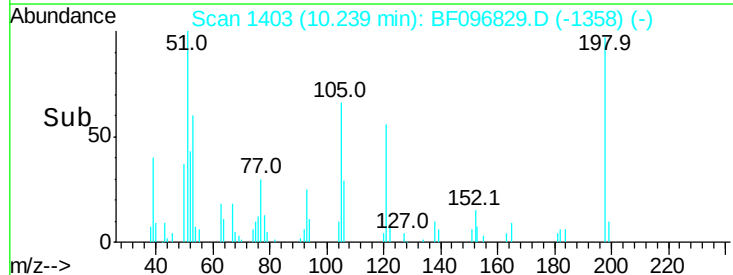
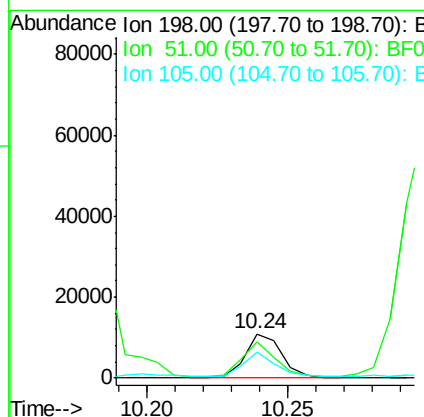
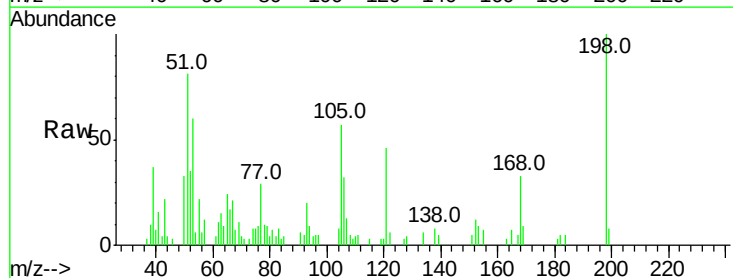
Manual Integrations
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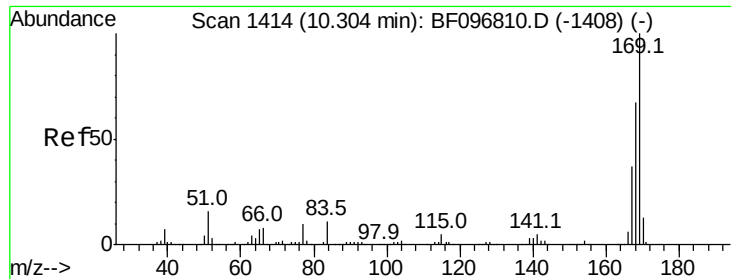
mohammad
 7/20/2017 8:38:38 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.691 ng
 RT: 10.24 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.4	53.2	93.2
105	57.0	45.8	85.8





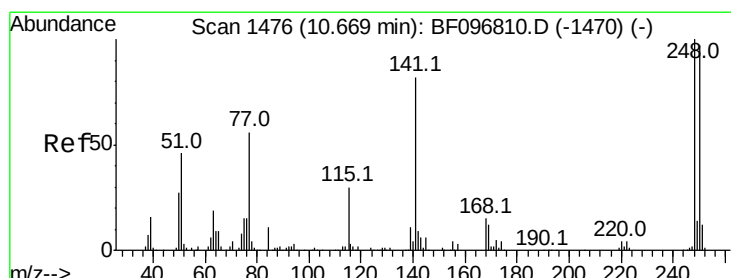
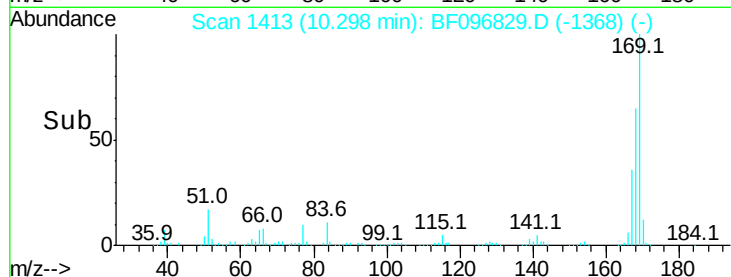
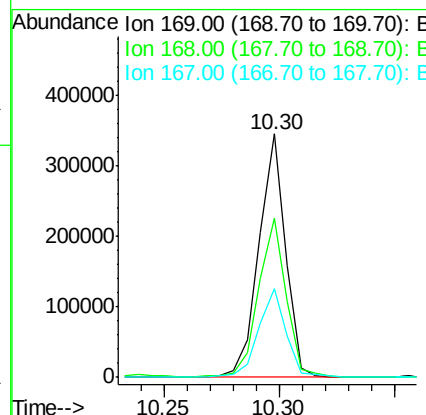
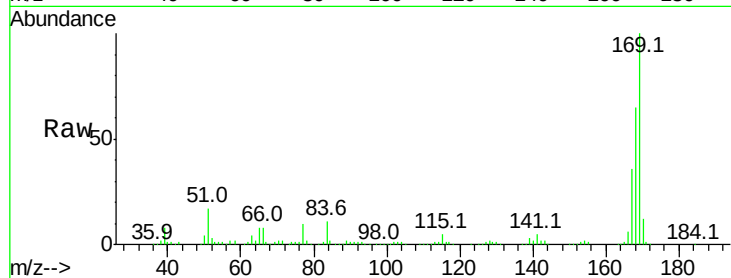
#65
n-Nitrosodiphenylamine
Concen: 38.467 ng
RT: 10.30 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.2	79.8
167	36.4	29.5	44.3

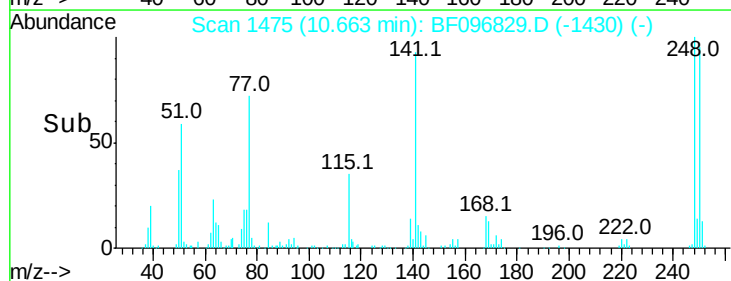
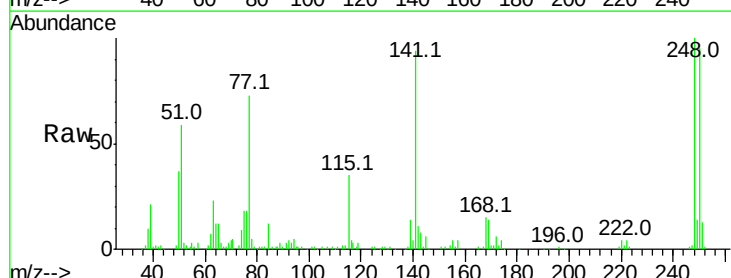
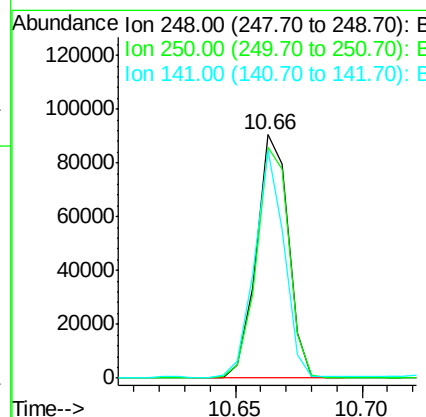
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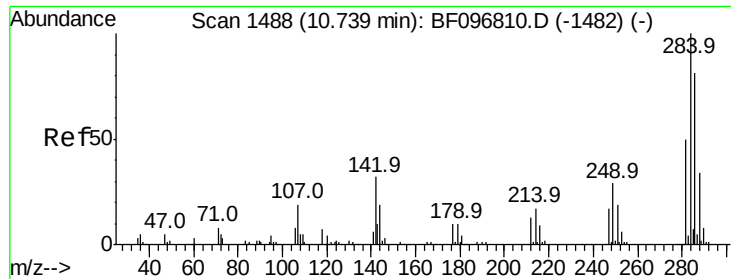
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 38.552 ng
RT: 10.66 min Scan# 1475
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.8	115.2
141	93.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 34.882 ng

RT: 10.73 min Scan# 1487

Delta R.T. -0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

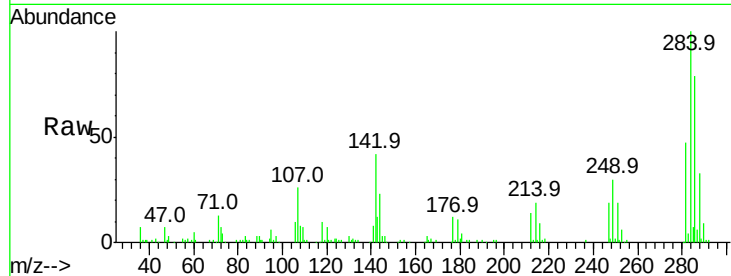
ClientSampleId :

NB-SB04AMS

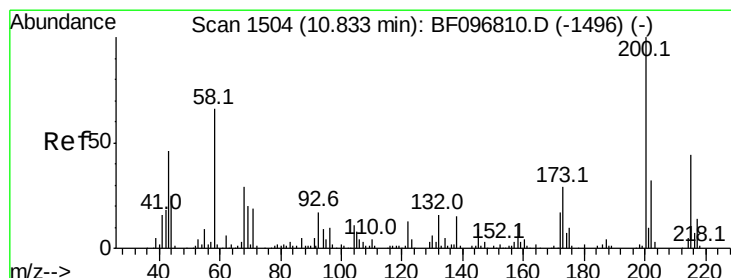
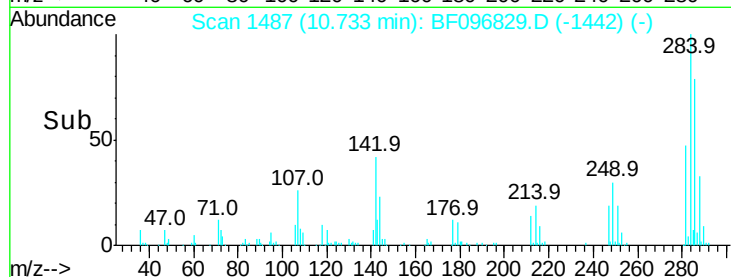
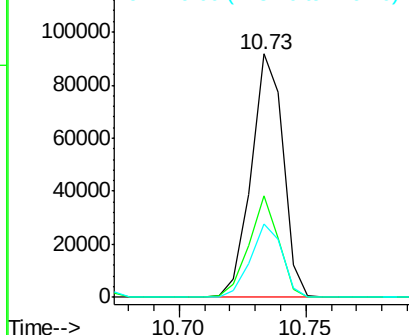
Tot Ion:	284	Resp:	80560
Ion Ratio	Lower	Upper	
284	100		
142	41.5	22.8	34.2#
249	30.1	24.0	36.0

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



#68

Atrazine

Concen: 37.583 ng

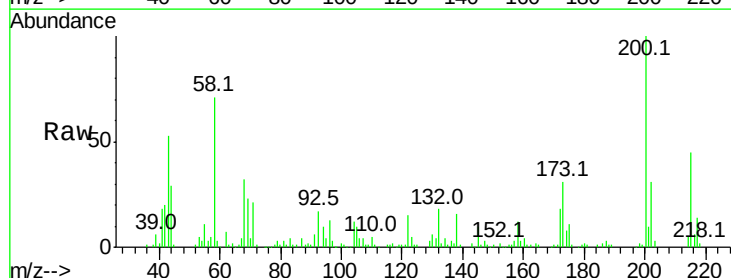
RT: 10.83 min Scan# 1503

Delta R.T. -0.04 min

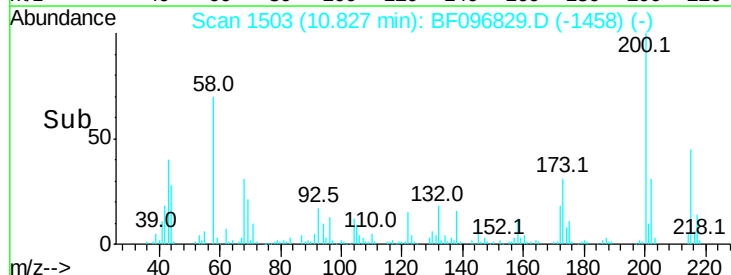
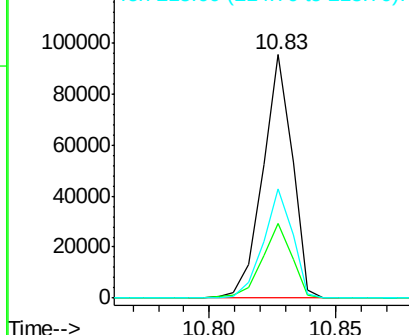
Lab File: BF096829.D

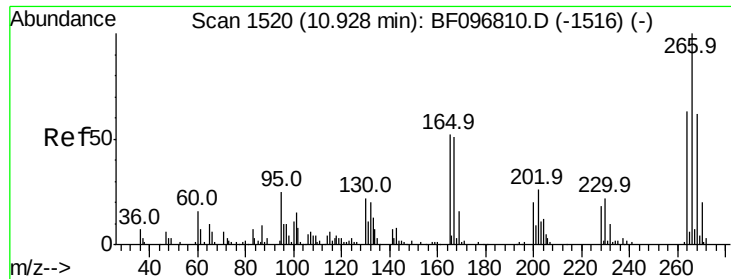
Acq: 17 Jul 2017 19:46

Tgt Ion:	200	Resp:	77737
Ion Ratio	Lower	Upper	
200	100		
173	30.8	6.3	46.3
215	44.8	27.2	67.2



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





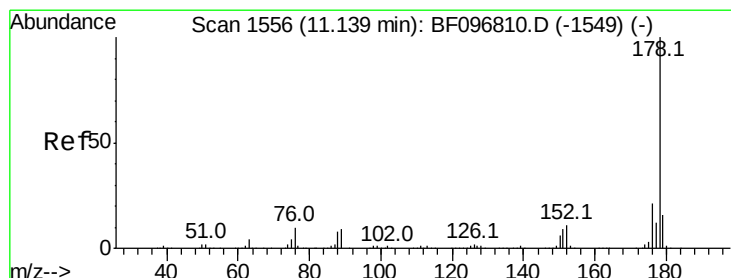
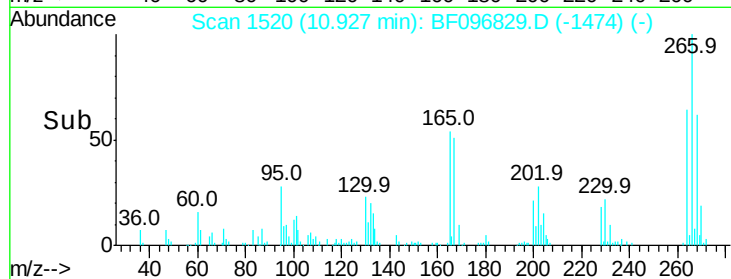
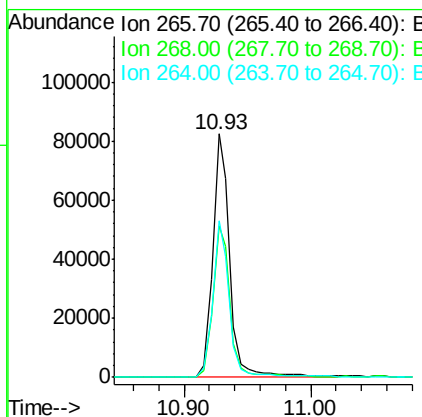
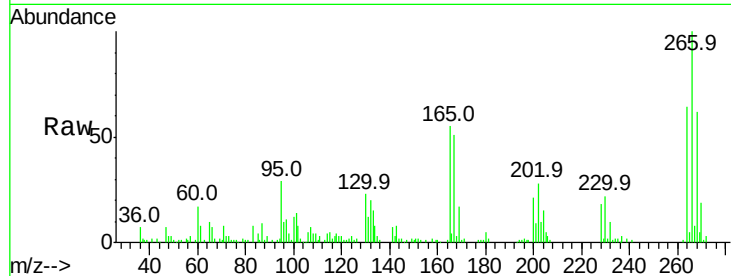
#69
 Pentachlorophenol
 Concen: 70.428 ng
 RT: 10.93 min Scan# 1520
 Delta R.T. -0.03 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampled :
 NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	64.2	51.7	77.5

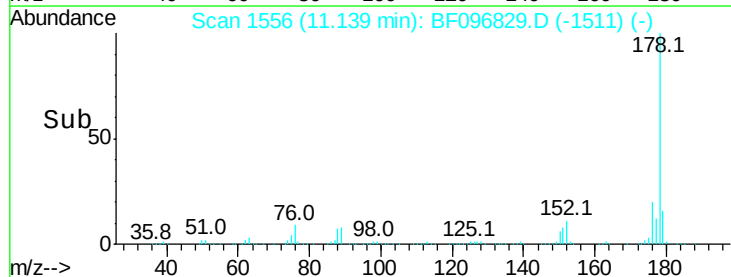
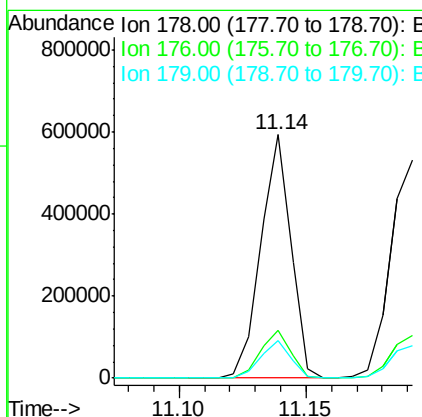
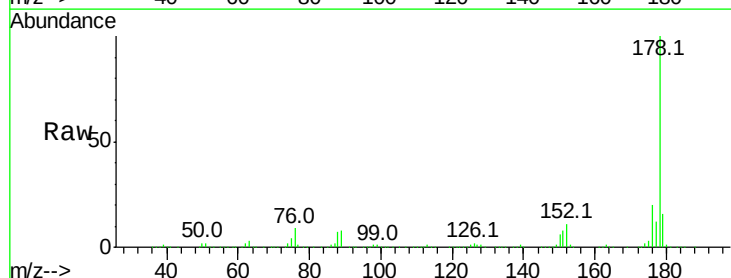
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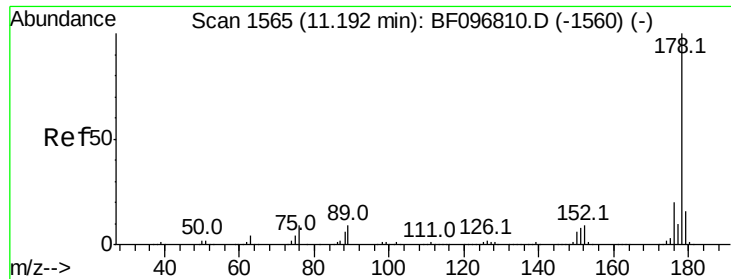
mohammad
 7/20/2017 8:38:38 AM



#70
 Phenanthrene
 Concen: 44.771 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.04 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0





#71

Anthracene

Concen: 41.444 ng

RT: 11.19 min Scan# 1565

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

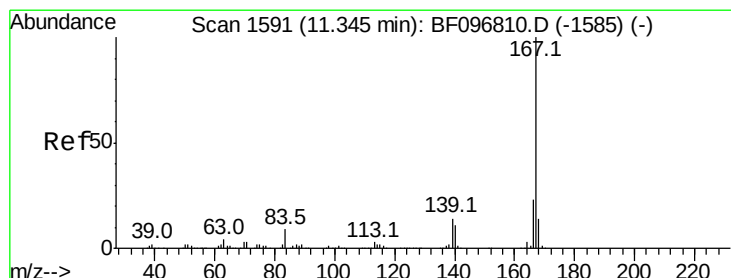
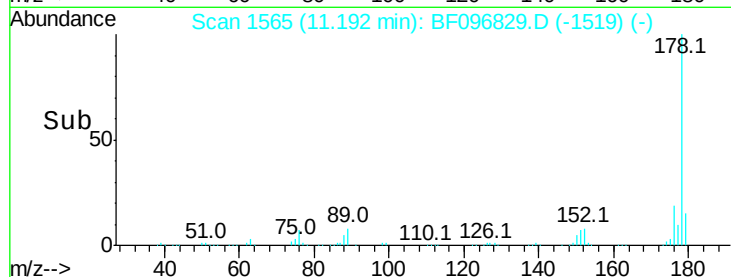
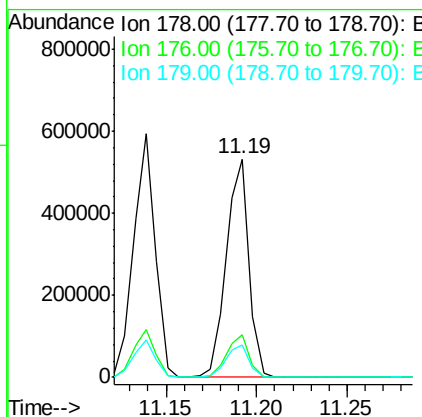
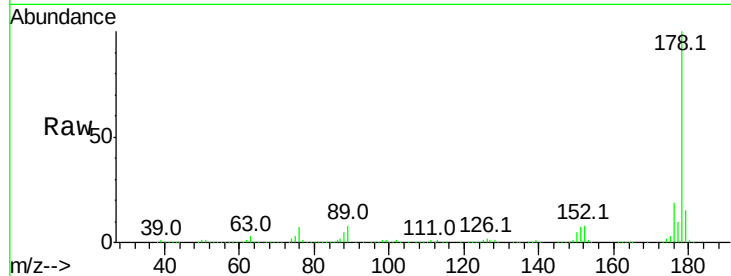
ClientSampleId :

NB-SB04AMS

Tot Ion:	178	Resp:	462746
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	14.8	12.7	19.1

Manual Integrations
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#72

Carbazole

Concen: 38.679 ng

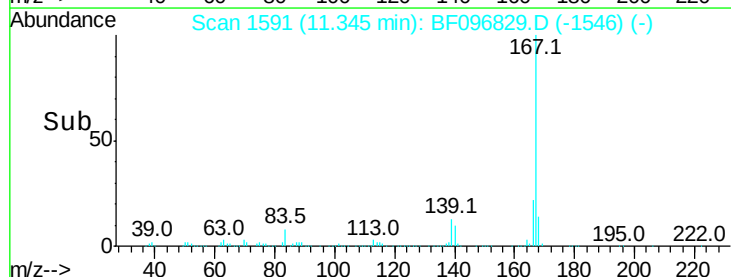
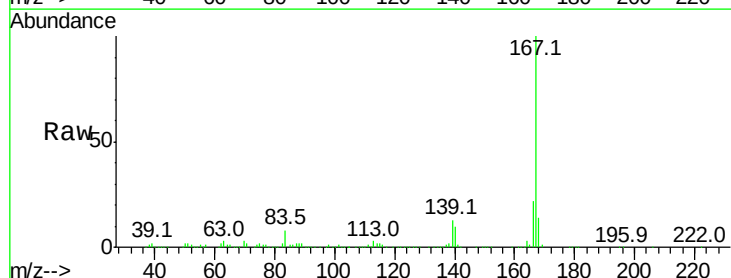
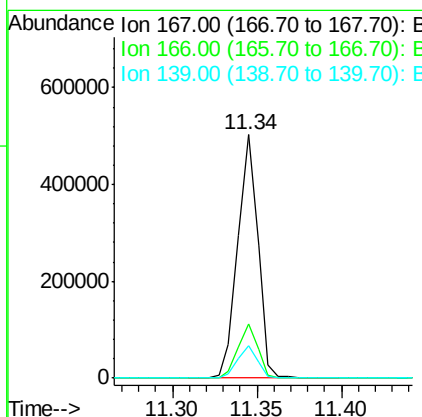
RT: 11.34 min Scan# 1591

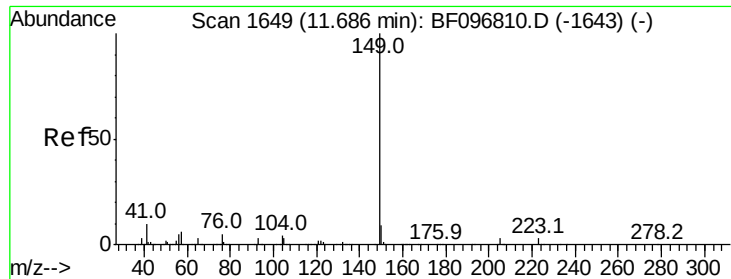
Delta R.T. -0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	167	Resp:	418228
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.1	27.1
139	13.4	11.7	17.5





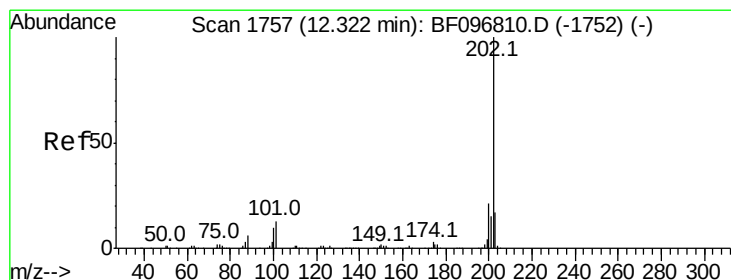
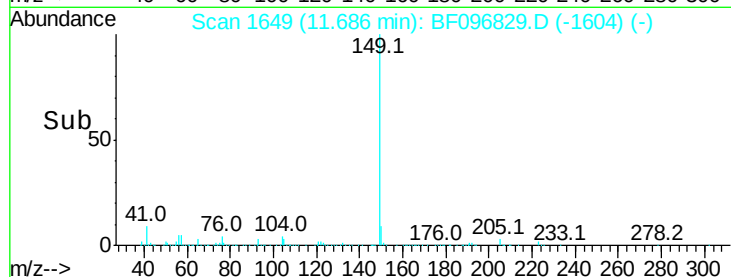
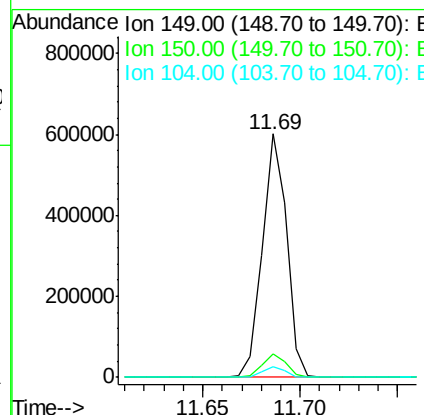
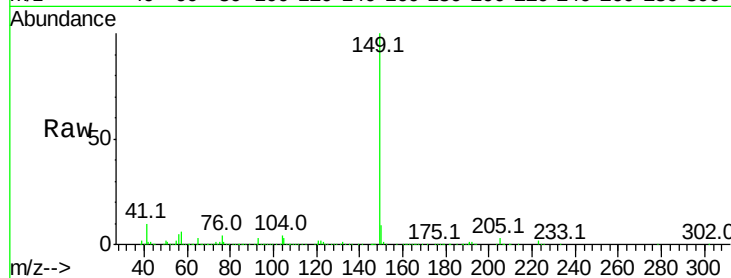
#73
Di-n-butylphthalate
Concen: 38.339 ng
RT: 11.69 min Scan# 1649
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.1	4.0	6.0

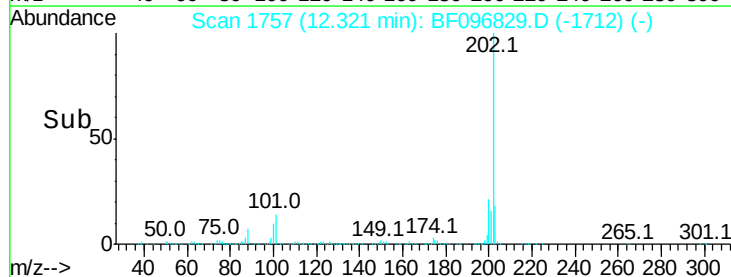
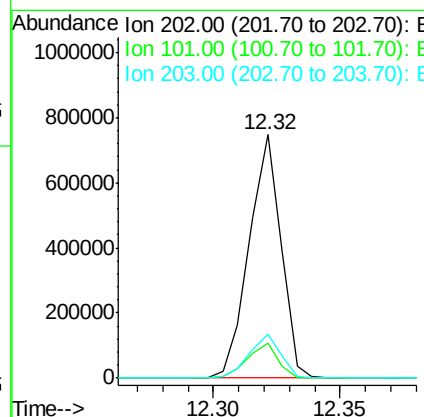
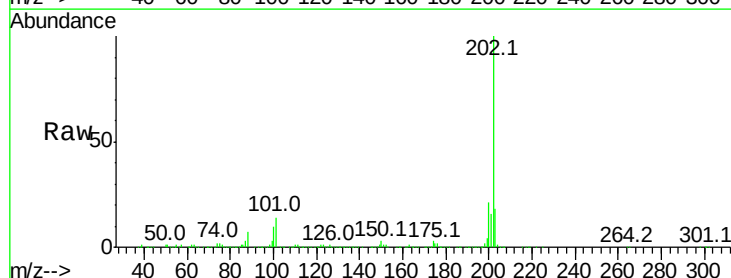
Manual Integrations
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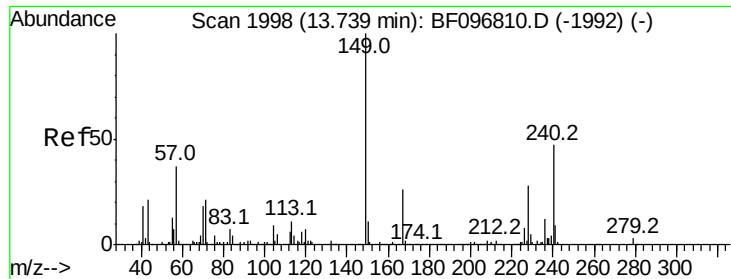
mohammad
7/20/2017 8:38:38 AM



#74
Fluoranthene
Concen: 61.964 ng
RT: 12.32 min Scan# 1757
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMS

Tot Ion:240 Resp: 203940

Ion Ratio Lower Upper

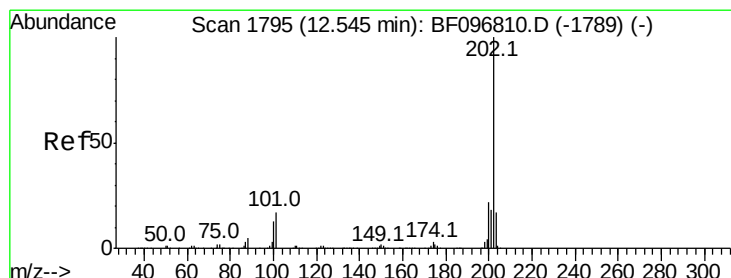
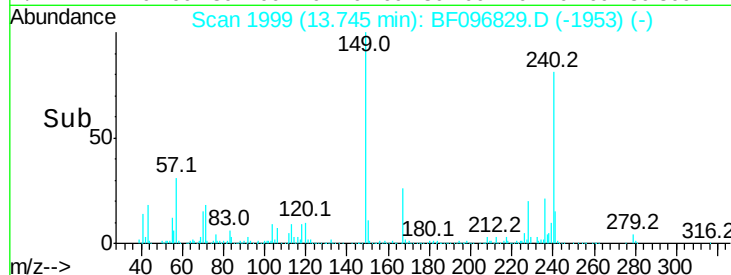
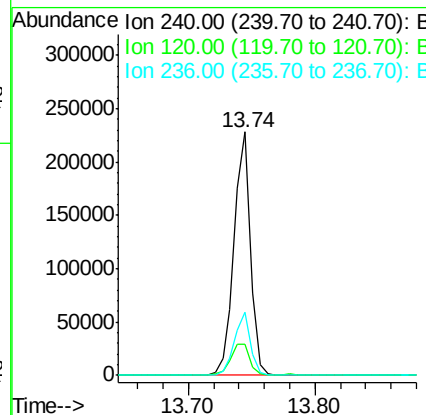
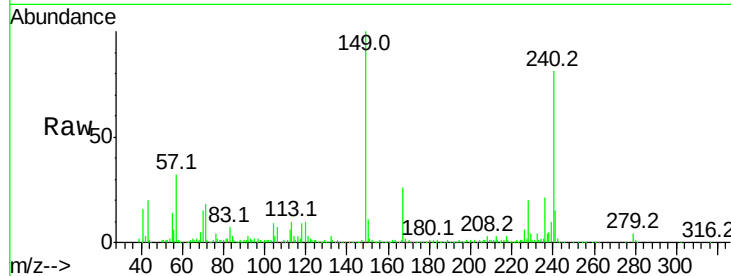
240 100

120 12.8 5.8 8.8#

236 25.8 20.5 30.7

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#77

Pyrene

Concen: 37.264 ng

RT: 12.54 min Scan# 1795

Delta R.T. -0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

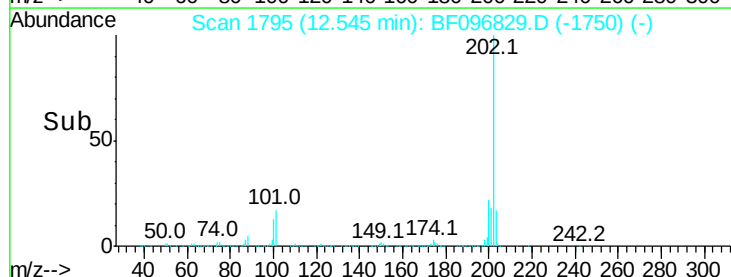
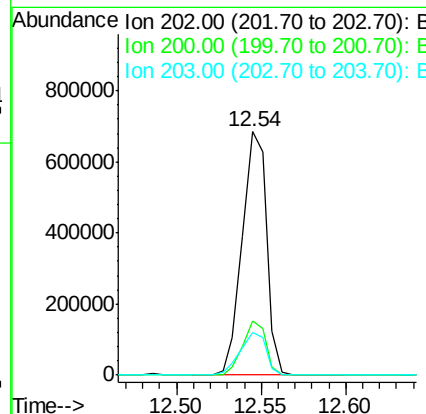
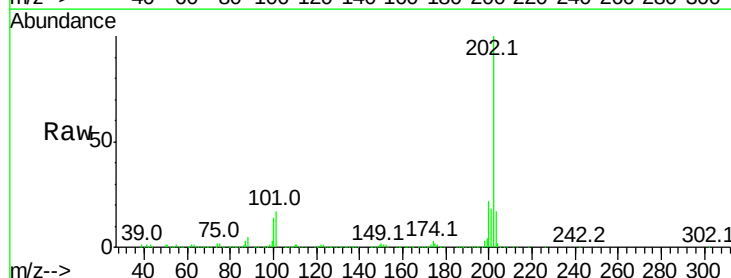
Tgt Ion:202 Resp: 689706

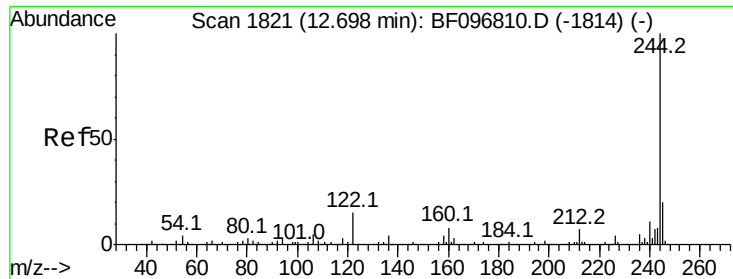
Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

203 17.4 14.4 21.6





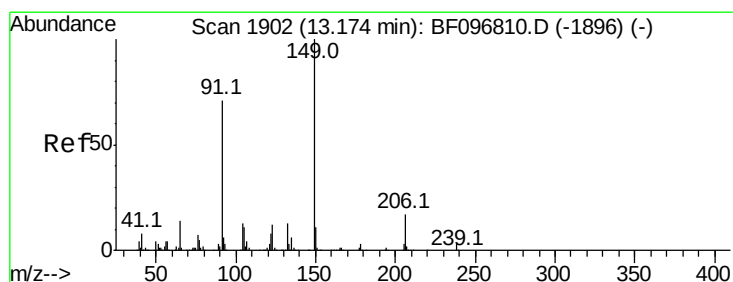
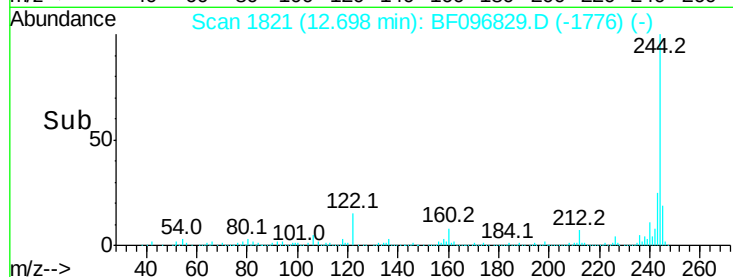
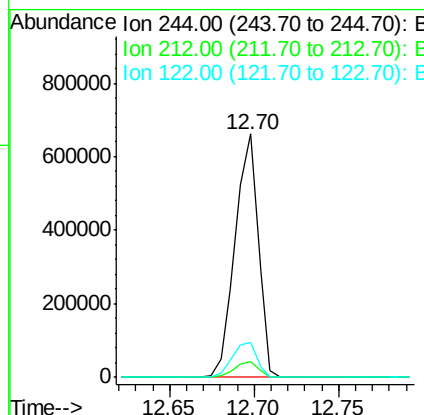
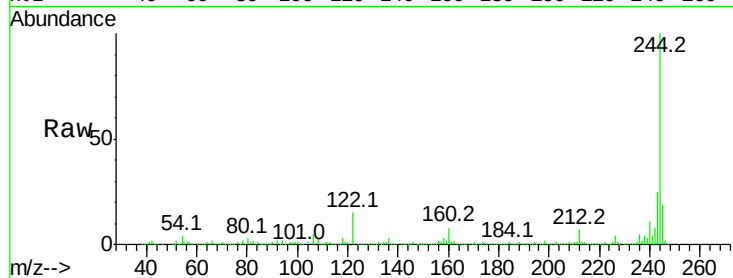
#78
 Terphenyl-d14
 Concen: 53.852 ng
 RT: 12.70 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5

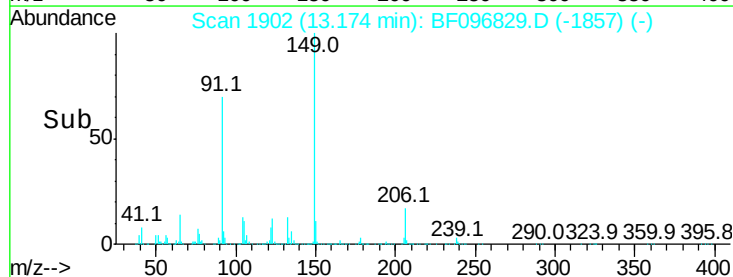
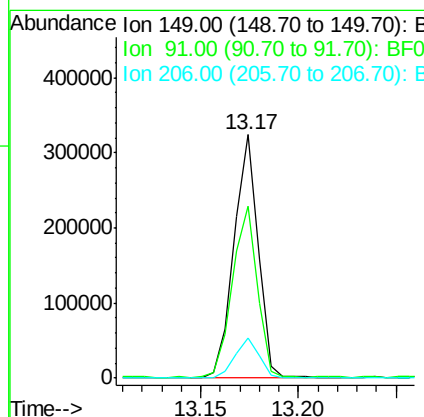
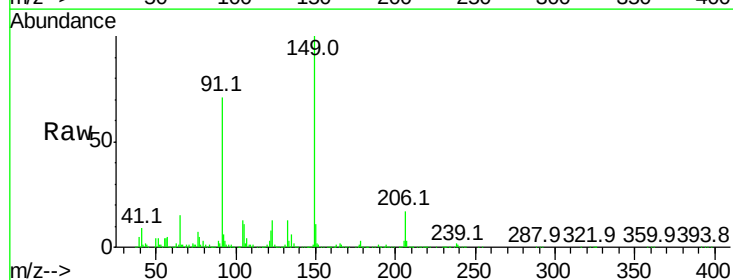
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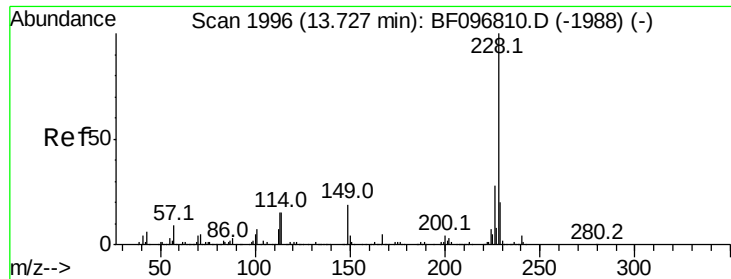
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#79
 Butylbenzylphthalate
 Concen: 62.820 ng
 RT: 13.17 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: BF096829.D
 Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	45.0	67.4#
206	16.6	17.0	25.6#





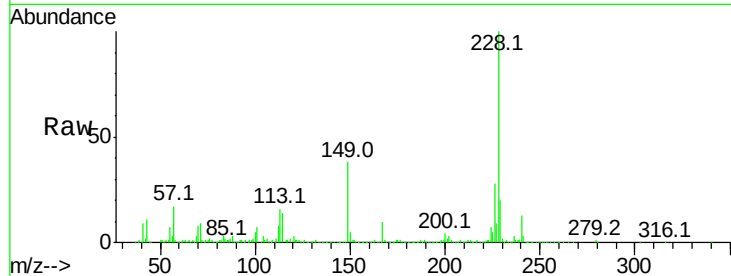
#80
Benzo(a)anthracene
Concen: 42.902 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

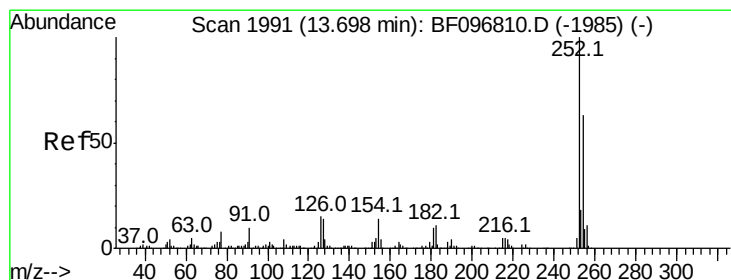
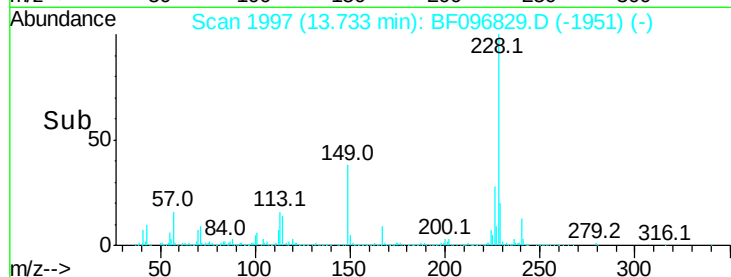
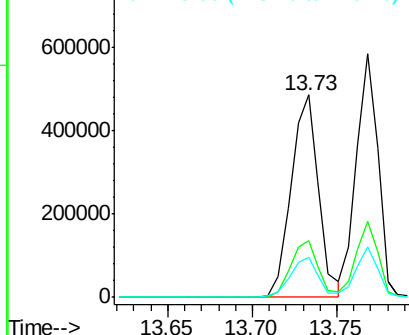
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.9	16.3	24.5

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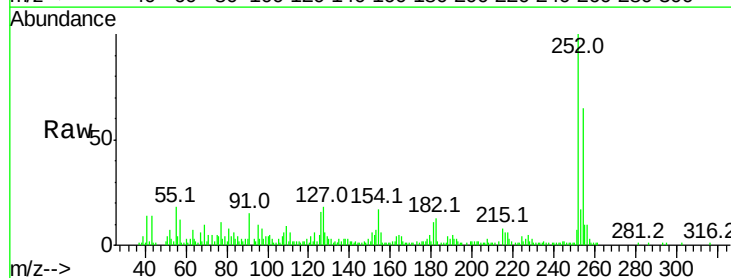


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

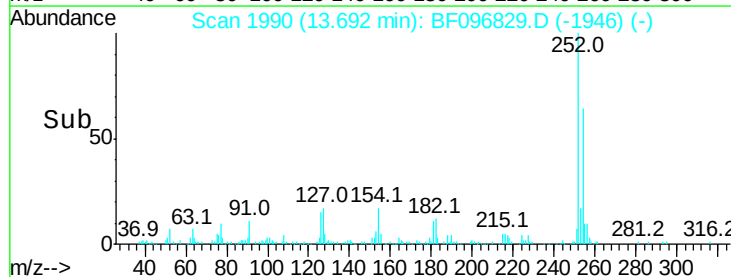
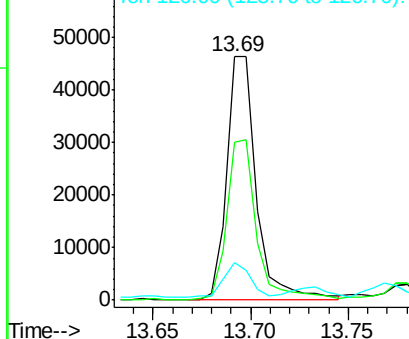


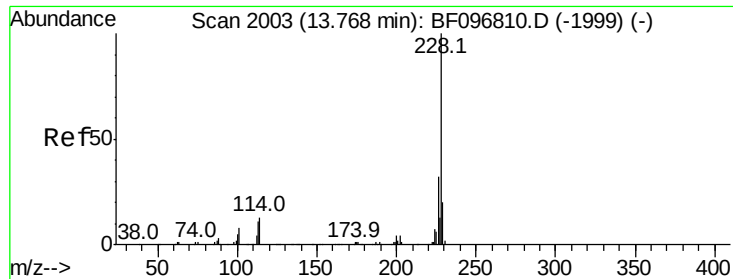
#81
3,3'-Dichlorobenzidine
Concen: 10.725 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	15.7	15.8	23.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





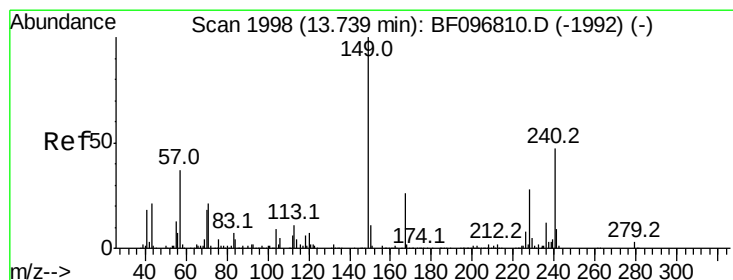
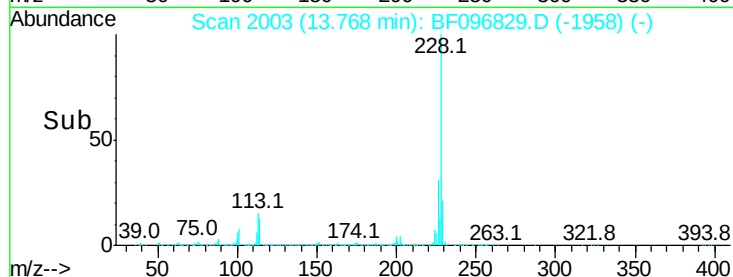
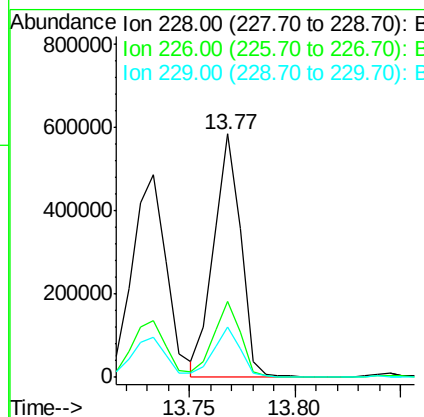
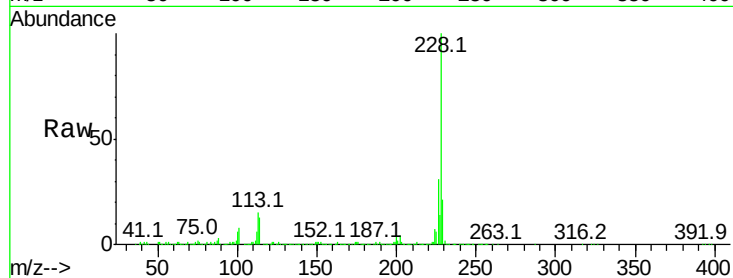
#82
Chrysene
Concen: 41.581 ng
RT: 13.77 min Scan# 2003
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion:	228	Resp:	520161
Ion Ratio		Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.8	15.8	23.6

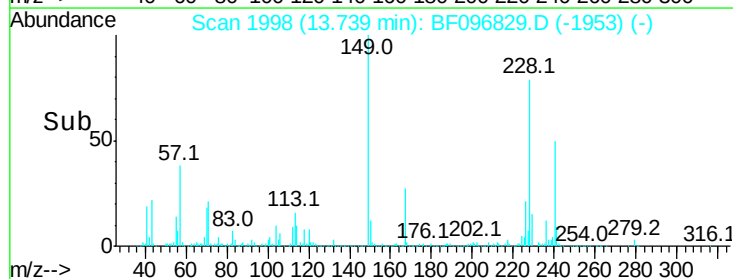
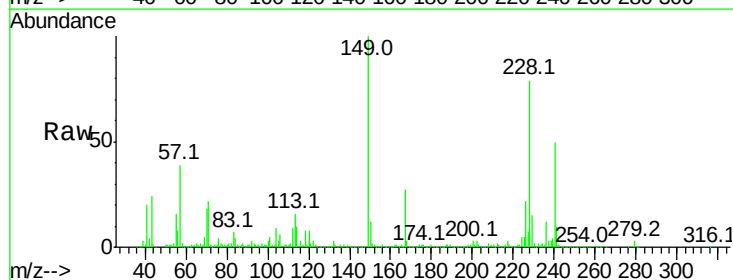
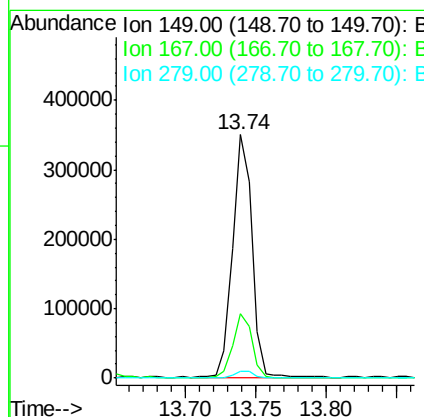
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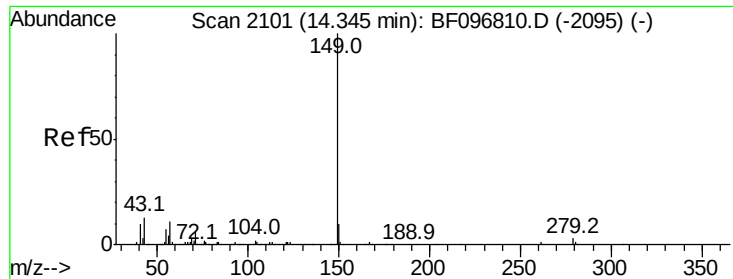
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#83
Bis(2-ethylhexyl)phthalate
Concen: 30.942 ng
RT: 13.74 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion:	149	Resp:	331376
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.8	1.9	2.9





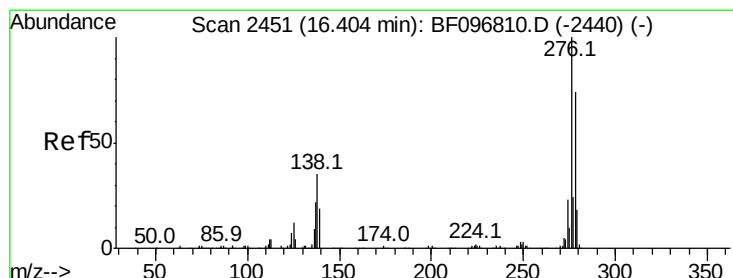
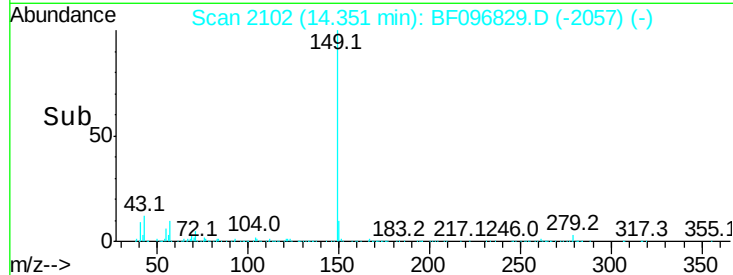
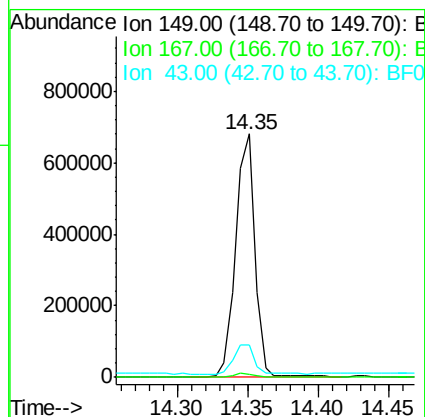
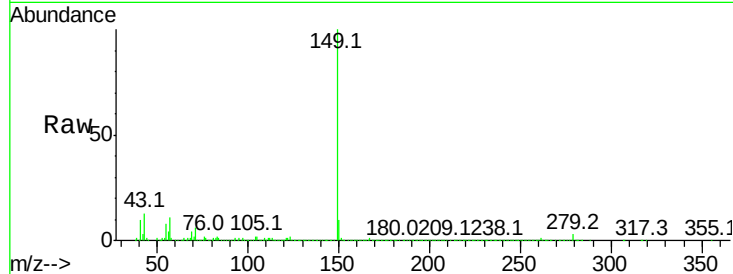
#84
Di-n-octyl phthalate
Concen: 36.037 ng
RT: 14.35 min Scan# 2102
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	12.9	8.5	12.7	

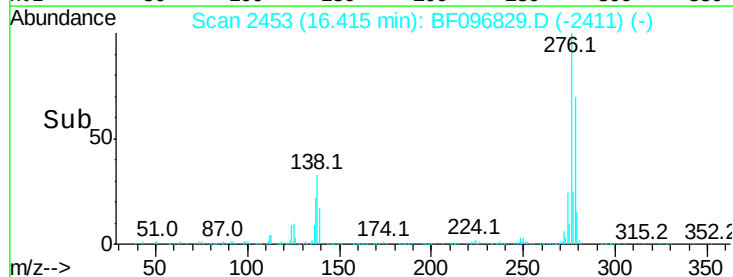
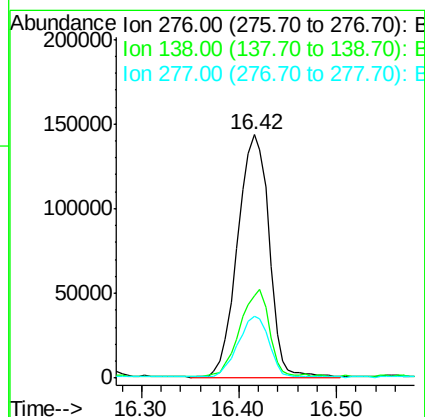
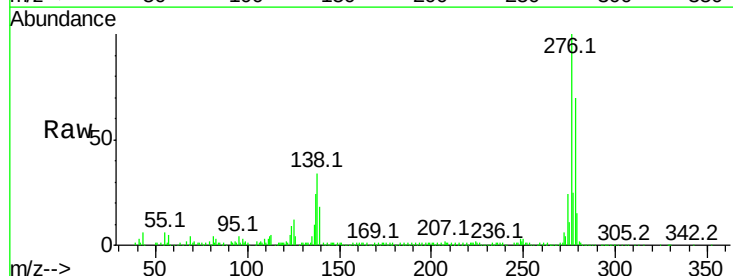
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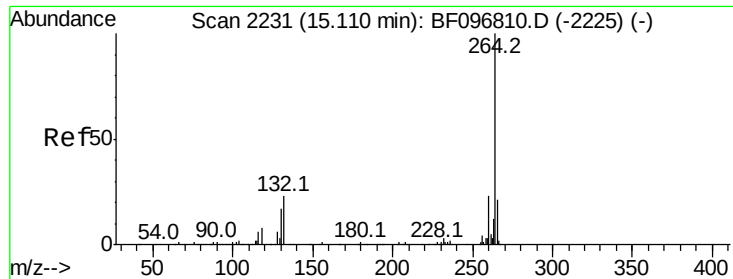
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#85
Indeno(1,2,3-cd)pyrene
Concen: 28.980 ng
RT: 16.42 min Scan# 2453
Delta R.T. -0.05 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	34.1	27.8	41.6	
277	25.3	20.2	30.4	





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2232

Delta R.T. -0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Instrument :

BNA_F

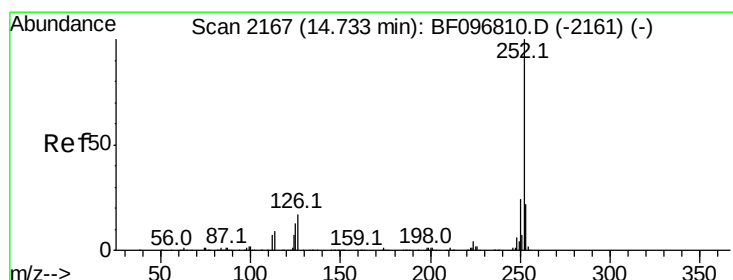
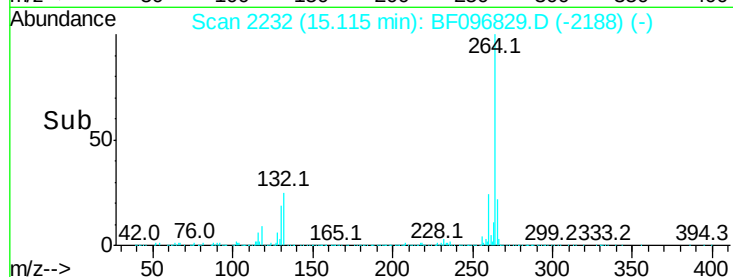
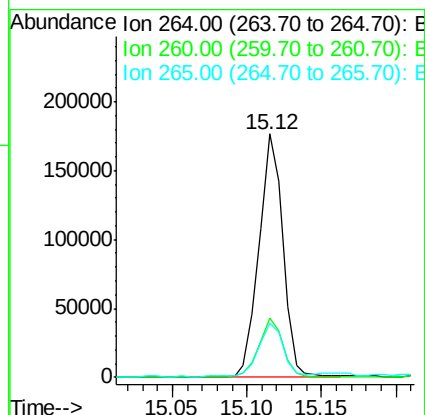
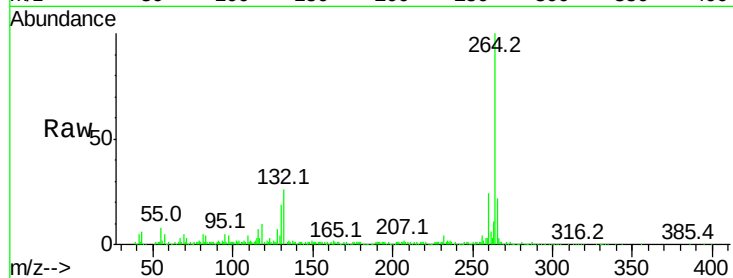
ClientSampleId :

NB-SB04AMS

Tot Ion:	264	Resp:	193777
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	22.4	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 42.204 ng m

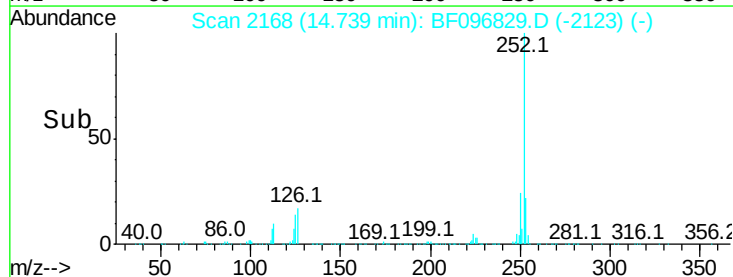
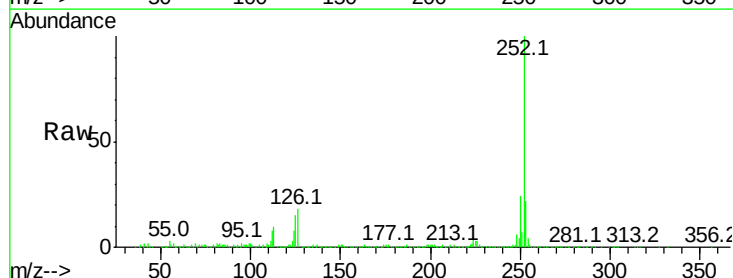
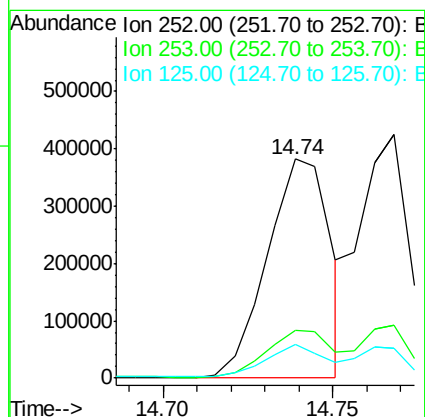
RT: 14.74 min Scan# 2168

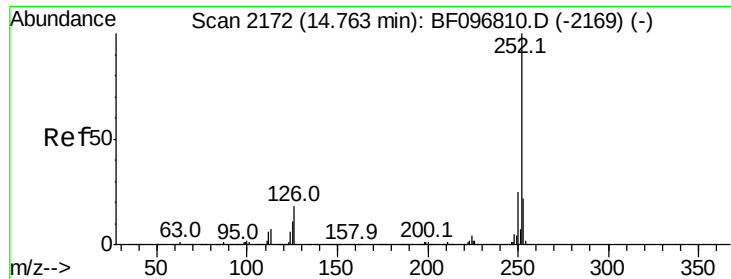
Delta R.T. -0.04 min

Lab File: BF096829.D

Acq: 17 Jul 2017 19:46

Tgt Ion:	252	Resp:	493241
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	15.1	9.8	14.8#





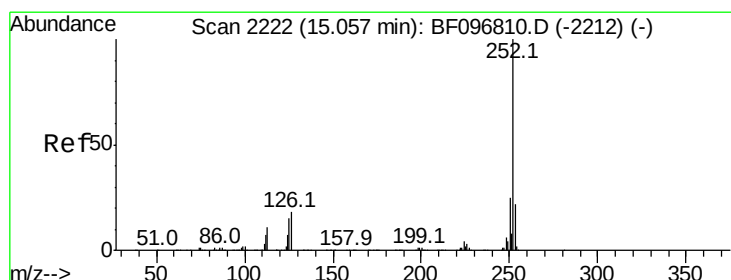
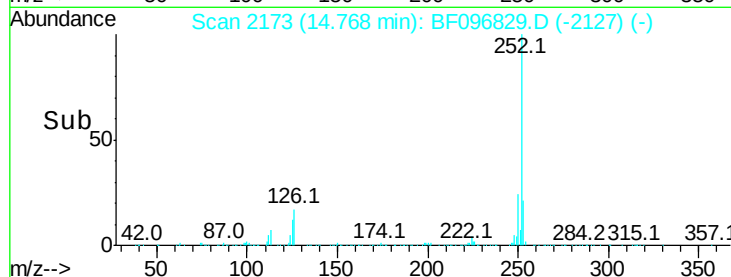
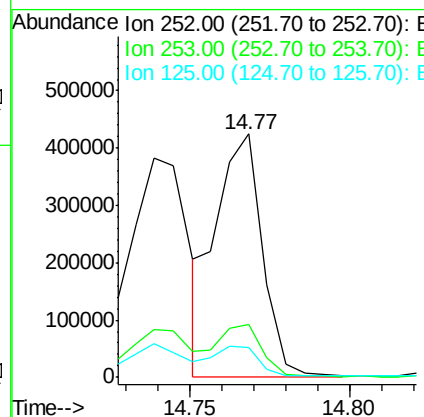
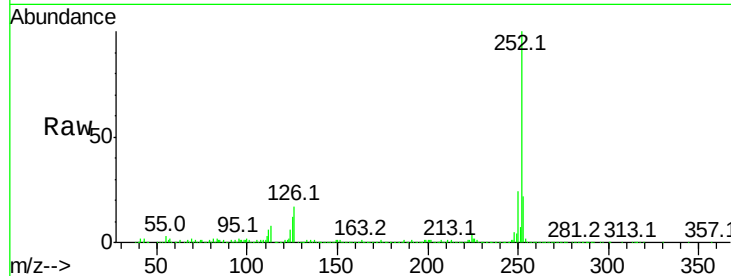
#88
Benzo(k)fluoranthene
Concen: 39.018 ng m
RT: 14.77 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.5	13.1	19.7

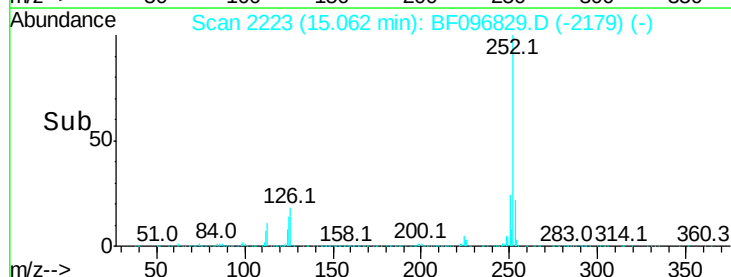
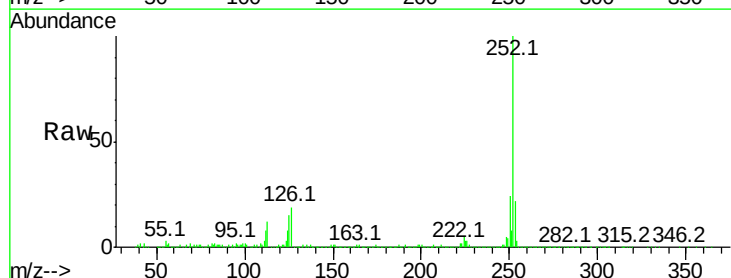
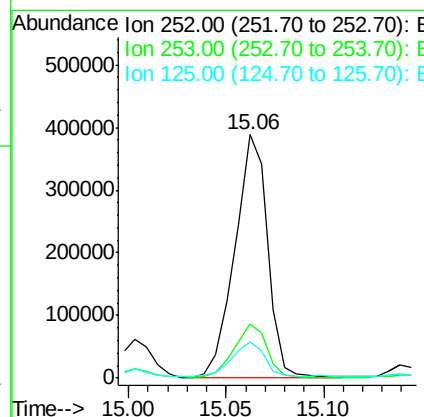
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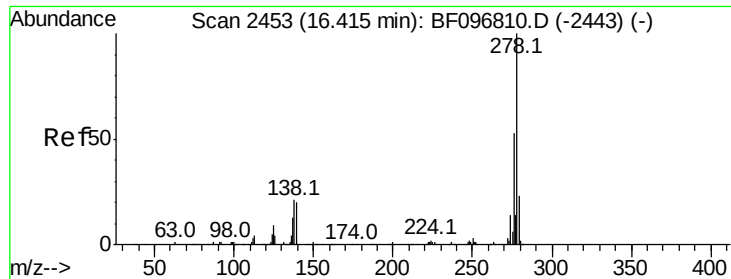
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#89
Benzo(a)pyrene
Concen: 41.879 ng
RT: 15.06 min Scan# 2223
Delta R.T. -0.04 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.8	11.0	16.4





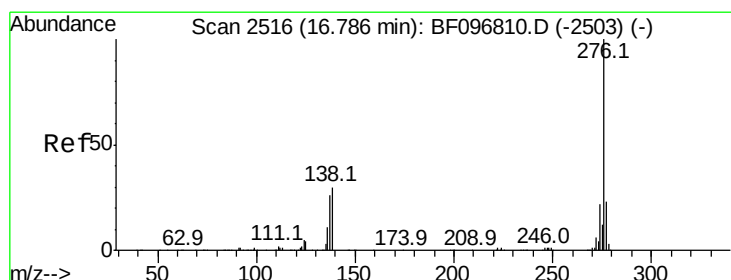
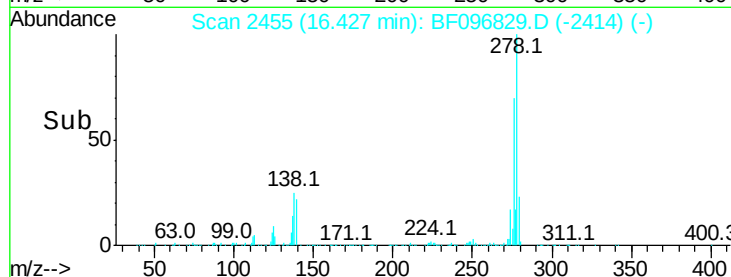
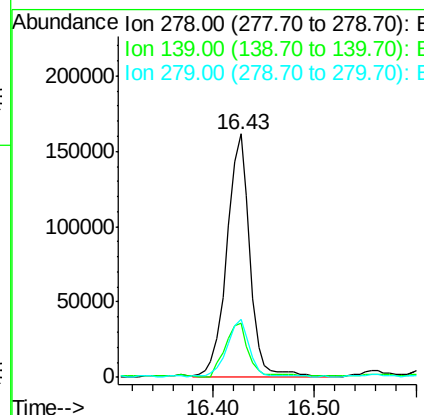
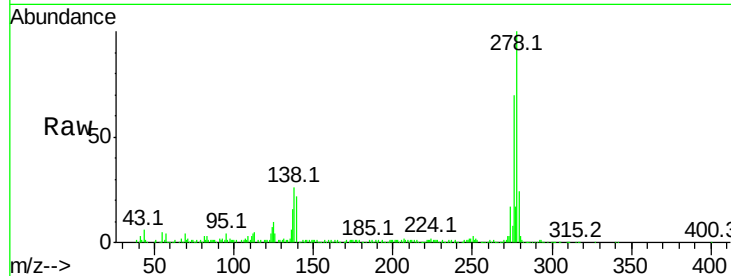
#90
Dibenzo(a,h)anthracene
Concen: 25.532 ng
RT: 16.43 min Scan# 2455
Delta R.T. -0.06 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.6	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 25.111 ng
RT: 16.80 min Scan# 2519
Delta R.T. -0.06 min
Lab File: BF096829.D
Acq: 17 Jul 2017 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	28.8	25.4	38.0

