

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094313.D
 Acq On : 10 Apr 2017 16:10
 Operator : SJ/MA
 Sample : PB98147BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:53:07 PM

Quant Time: Apr 11 01:33:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	163351	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	653302	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	297867	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	515835	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	379908	20.00	ng	-0.01
86) Perylene-d12	16.18	264	269514	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1151752	119.09	ng	0.02
7) Phenol-d6	5.49	99	1456291	121.72	ng	0.02
23) Nitrobenzene-d5	6.49	82	923657	80.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	323341	137.37	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1696987	86.90	ng	-0.02
78) Terphenyl-d14	13.29	244	1413704	83.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	133837	28.80	ng	98
3) Pyridine	2.70	79	422797	33.39	ng	99
4) n-Nitrosodimethylamine	2.66	42	203802	39.11	ng	91
6) Aniline	5.47	93	406352	24.42	ng	94
8) 2-Chlorophenol	5.62	128	456408	42.93	ng	98
9) Benzaldehyde	5.33	77	154844	19.17	ng	99
10) Phenol	5.50	94	551645	40.52	ng	89
11) bis(2-Chloroethyl)ether	5.55	93	433456	40.74	ng	98
12) 1,3-Dichlorobenzene	5.77	146	476647	39.97	ng	98
13) 1,4-Dichlorobenzene	5.86	146	485746	40.22	ng	98
14) 1,2-Dichlorobenzene	6.03	146	442300	39.77	ng	97
15) Benzyl Alcohol	6.02	79	344757	39.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	568635	34.68	ng	50
17) 2-Methylphenol	6.18	107	371016	40.75	ng	95
18) Hexachloroethane	6.43	117	170351	40.13	ng	# 88
19) n-Nitroso-di-n-propylamine	6.33	70	330398	42.97	ng	96
20) 3+4-Methylphenols	6.36	107	524705	47.59	ng	# 62
22) Acetophenone	6.32	105	639520	43.92	ng	# 86
24) Nitrobenzene	6.52	77	462468	40.96	ng	95
25) Isophorone	6.80	82	839106	41.71	ng	96
26) 2-Nitrophenol	6.89	139	258634	48.04	ng	98
27) 2,4-Dimethylphenol	6.97	122	415602	44.80	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	547084	41.24	ng	98
29) 2,4-Dichlorophenol	7.20	162	395581	45.60	ng	97
30) 1,2,4-Trichlorobenzene	7.28	180	378458	42.36	ng	99
31) Naphthalene	7.37	128	1273654	40.55	ng	99
32) Benzoic acid	7.16	122	249905	40.46	ng	98
33) 4-Chloroaniline	7.44	127	180254	14.16	ng	95
34) Hexachlorobutadiene	7.52	225	192497	42.01	ng	99
35) Caprolactam	7.89	113	130152m	47.05	ng	
36) 4-Chloro-3-methylphenol	8.09	107	413103	45.58	ng	91
37) 2-Methylnaphthalene	8.22	142	902824	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	332752	40.84	ng	99
40) Hexachlorocyclopentadiene	8.41	237	330094	86.57	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	269013	46.66	nq	98
43) 2,4,5-Trichlorophenol	8.64	196	271902	43.59	nq	93
45) 1,1'-Biphenyl	8.79	154	1012776	42.15	nq	98
46) 2-Chloronaphthalene	8.81	162	810162	43.08	nq	95
47) 2-Nitroaniline	8.94	65	245734	44.05	nq	89
48) Acenaphthylene	9.32	152	1262948	40.41	nq	99
49) Dimethylphthalate	9.18	163	975830	46.09	nq	99
50) 2,6-Dinitrotoluene	9.25	165	219532	45.23	nq #	89
51) Acenaphthene	9.53	154	758497	41.59	nq	100
52) 3-Nitroaniline	9.45	138	114878	20.16	nq	94
53) 2,4-Dinitrophenol	9.59	184	200768	77.45	nq #	72
54) Dibenzofuran	9.74	168	1071207	43.15	nq	98
55) 4-Nitrophenol	9.73	139	439078m	98.37	nq	
56) 2,4-Dinitrotoluene	9.74	165	256256	42.03	nq #	62
57) Fluorene	10.16	166	827579	40.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	197515	46.15	nq	99
59) Diethylphthalate	10.05	149	937639	44.80	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	353311	40.28	nq	91
61) 4-Nitroaniline	10.21	138	227201	41.54	nq	94
62) Azobenzene	10.36	77	902141	45.57	nq	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	144363	45.70	nq #	77
65) n-Nitrosodiphenylamine	10.32	169	787917	44.17	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	229310	45.20	nq	96
67) Hexachlorobenzene	10.84	284	233712	45.51	nq #	90
68) Atrazine	11.00	200	225409	42.19	nq	96
69) Pentachlorophenol	11.10	266	204129	63.86	nq	98
70) Phenanthrene	11.34	178	1230992	42.90	nq	100
71) Anthracene	11.40	178	1276727	43.21	nq	99
72) Carbazole	11.61	167	1198877	39.57	nq	99
73) Di-n-butylphthalate	12.06	149	1445797	45.89	nq	98
74) Fluoranthene	12.80	202	1259895	42.88	nq	98
76) Benzidine	12.97	184	409703	27.25	nq #	92
77) Pyrene	13.08	202	1271864	46.13	nq	99
79) Butylbenzylphthalate	13.89	149	605209	51.52	nq #	84
80) Benzo(a)anthracene	14.55	228	985756	44.50	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	206632	26.09	nq #	96
82) Chrysene	14.59	228	859583	41.81	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	809217	50.49	nq #	99
84) Di-n-octyl phthalate	15.36	149	1304121	48.71	nq	97
85) Indeno(1,2,3-cd)pyrene	17.51	276	739307	41.52	nq	99
87) Benzo(b)fluoranthene	15.78	252	777924	47.09	nq	98
88) Benzo(k)fluoranthene	15.82	252	690200m	42.70	nq	
89) Benzo(a)pyrene	16.13	252	683094	44.90	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	610676	47.40	nq	98
91) Benzo(g,h,i)perylene	17.90	276	632696	48.73	nq	98

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

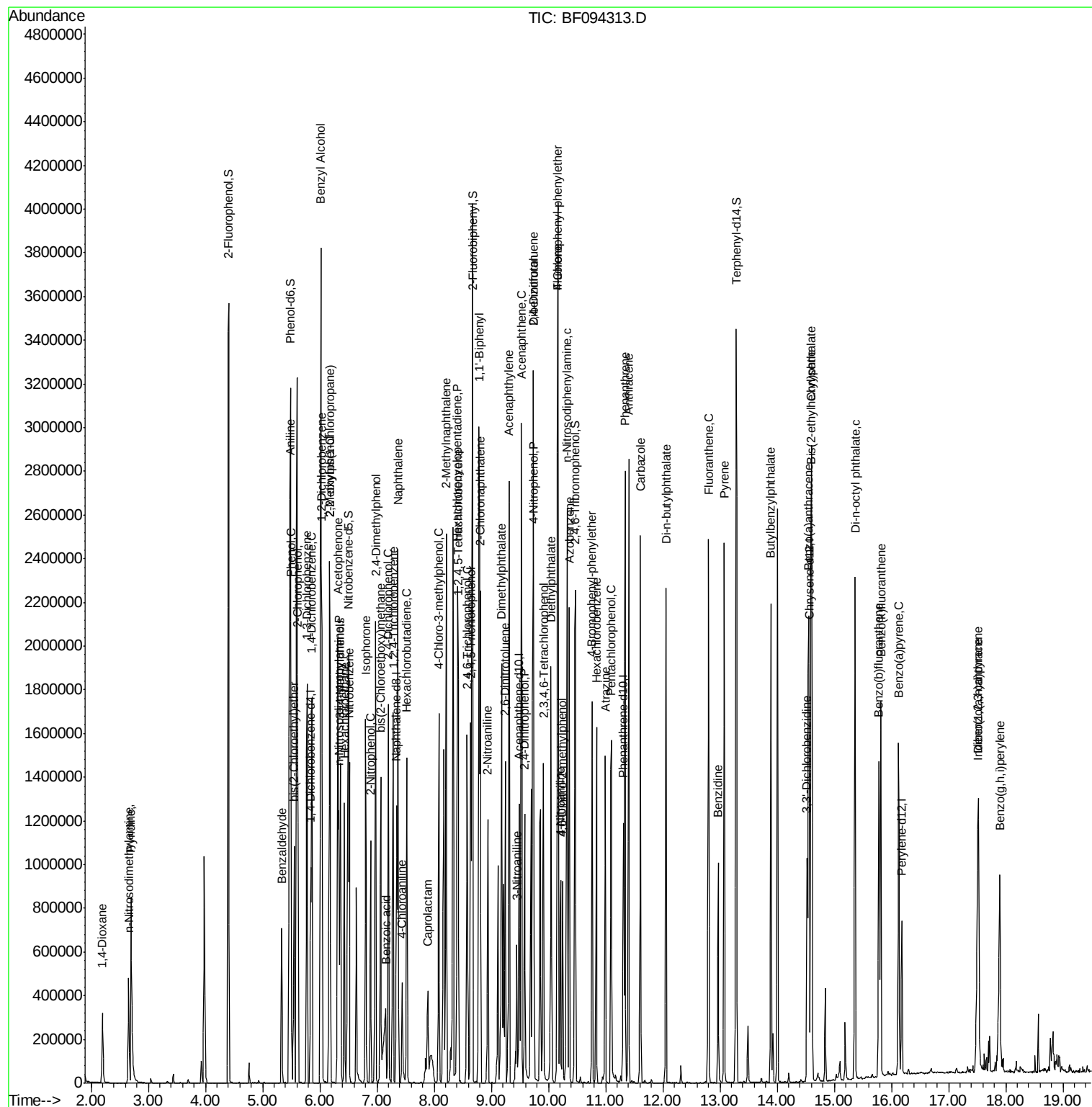
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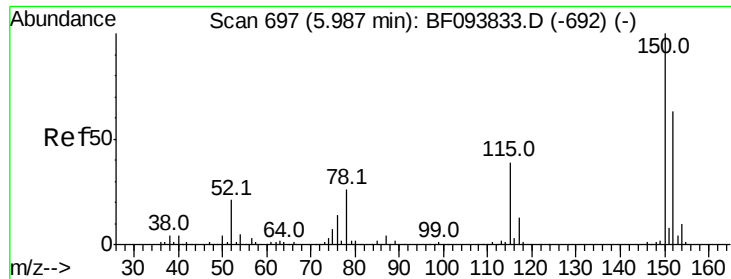
Instrument :
BNA_F
ClientSampled :
PB98147BS

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#1

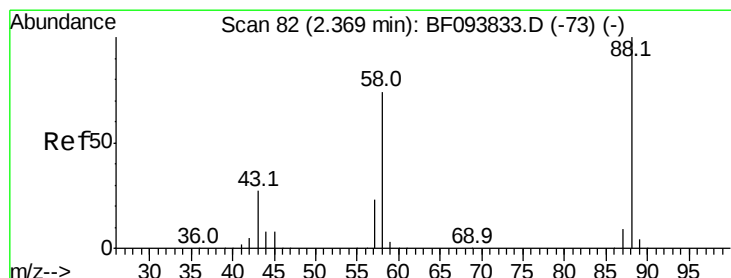
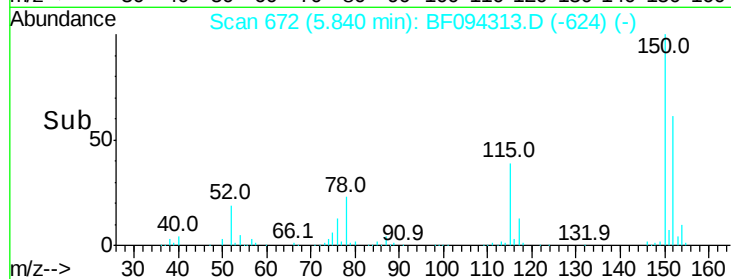
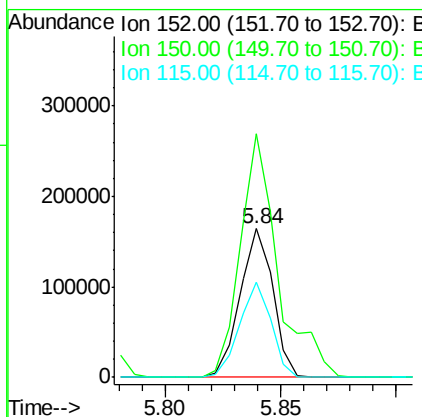
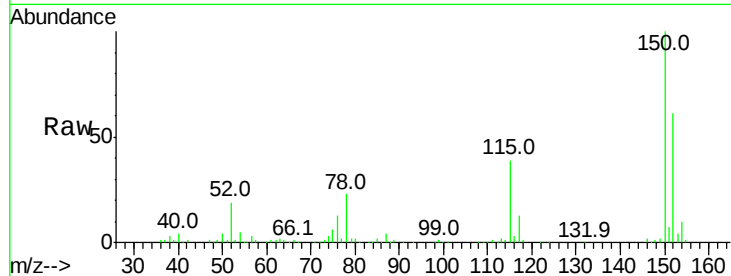
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	126.2	189.2
115	64.1	52.2	78.2

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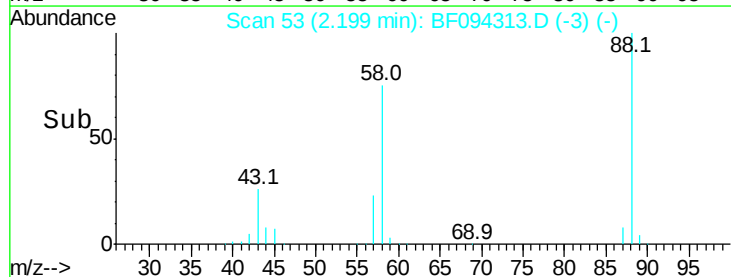
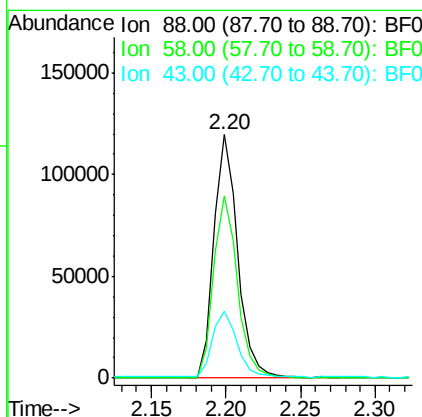
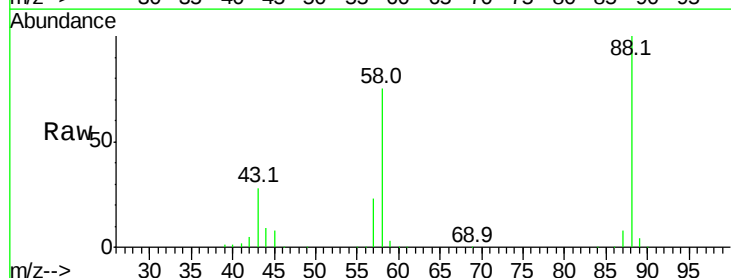
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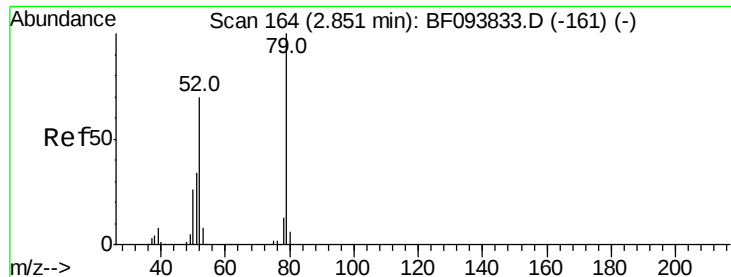


#2

1,4-Dioxane
Concen: 28.80 ng
RT: 2.20 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.4	92.0
43	28.3	23.4	35.0





#3

Pvridine

Concen: 33.39 ng

RT: 2.70 min Scan# 138

Delta R.T. -0.00 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

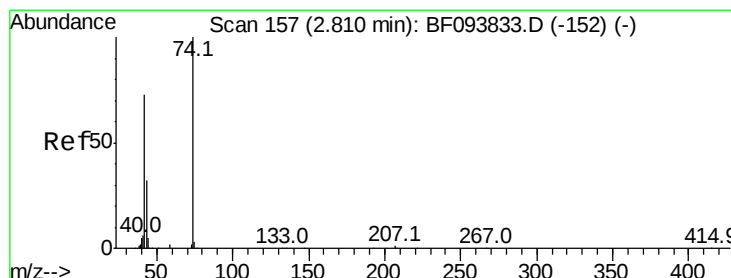
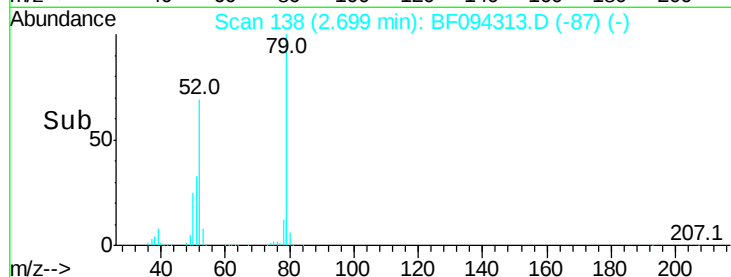
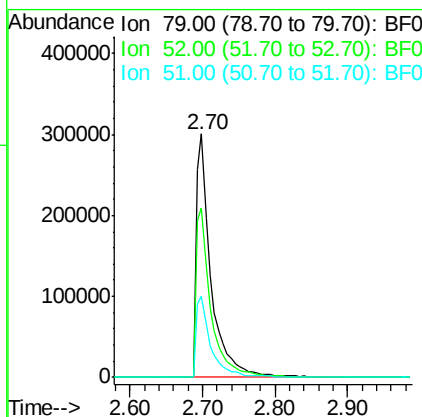
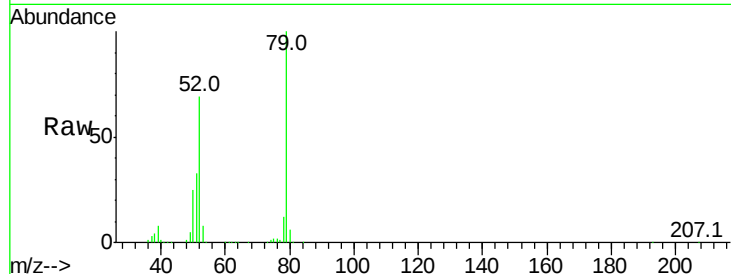
ClientSampleId :

PB98147BS

Tot Ion:	79	Resp:	422797
Ion Ratio	Lower	Upper	
79	100		
52	69.4	54.8	82.2
51	33.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.11 ng

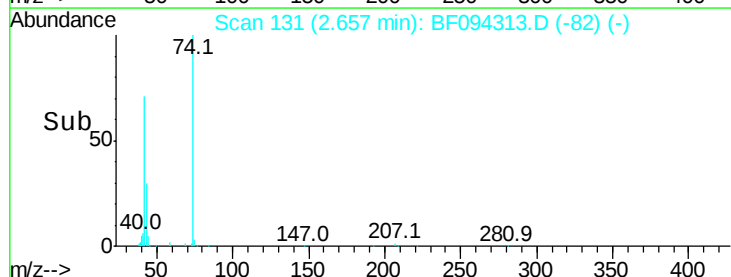
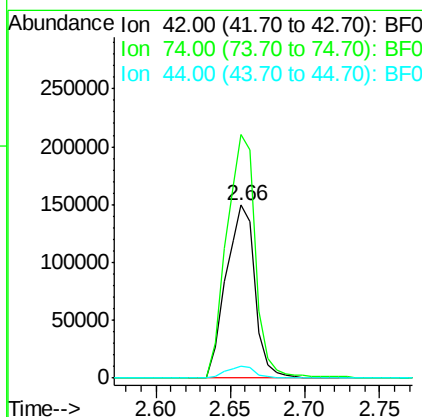
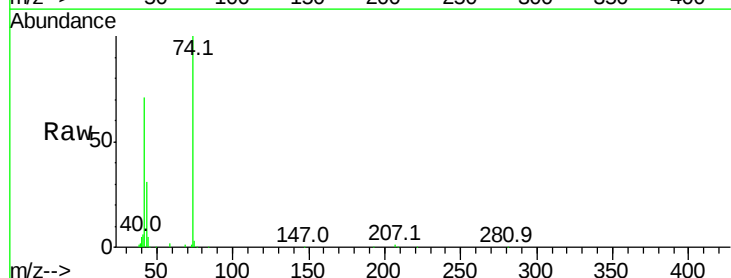
RT: 2.66 min Scan# 131

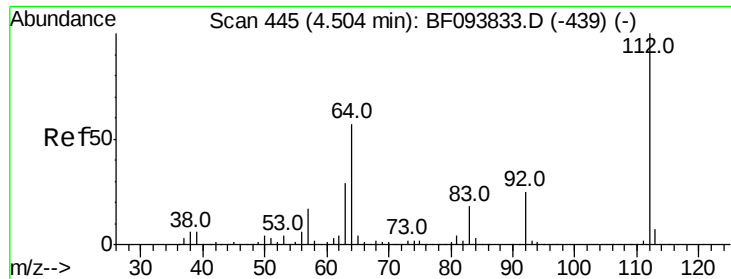
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	42	Resp:	203802
Ion Ratio	Lower	Upper	
42	100		
74	140.8	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 119.09 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

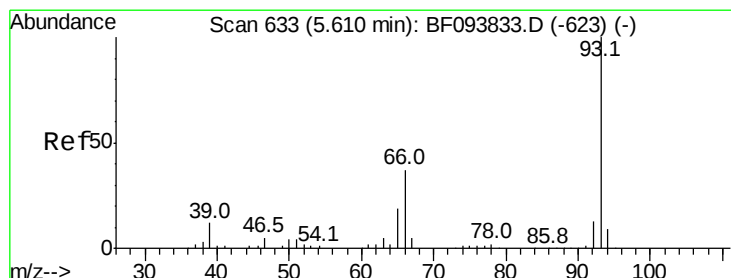
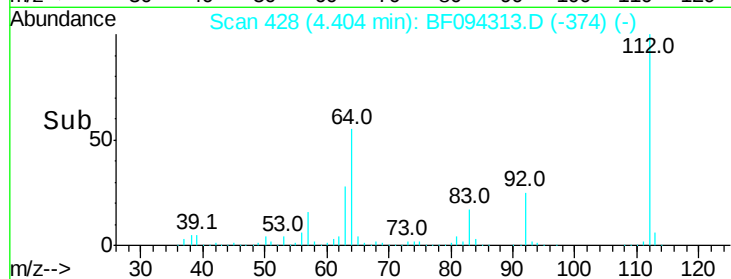
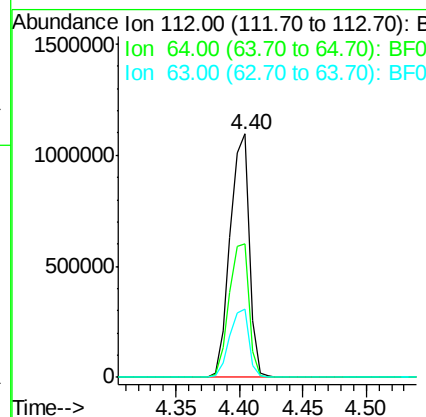
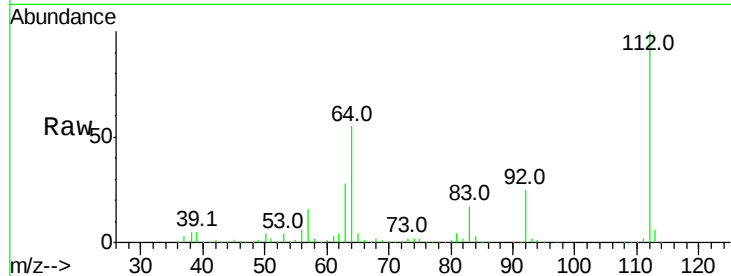
ClientSampled :

PB98147BS

Tot Ion:	112	Resp:	1151752
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	27.9	23.4	35.0

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#6

Aniline

Concen: 24.42 ng

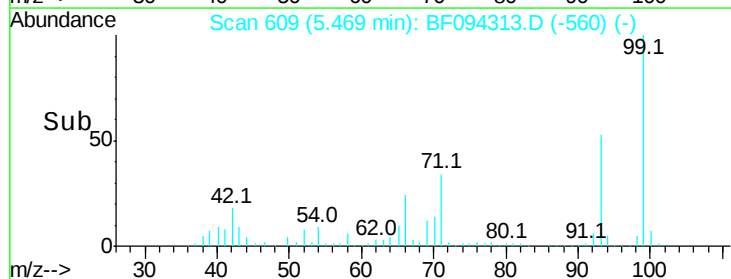
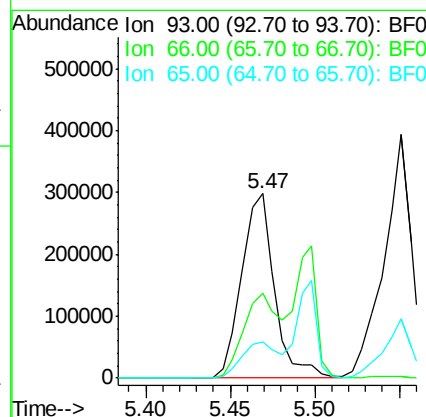
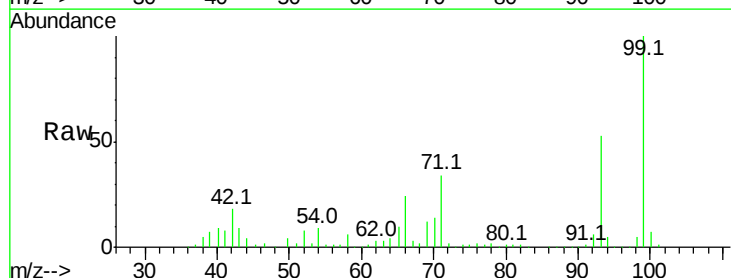
RT: 5.47 min Scan# 609

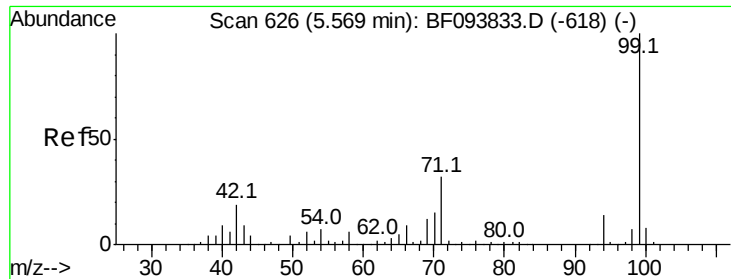
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	93	Resp:	406352
Ion	Ratio	Lower	Upper
93	100		
66	46.3	32.9	49.3
65	20.0	16.0	24.0





#7

Phenol-d6

Concen: 121.72 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion: 99 Resp: 1456291

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

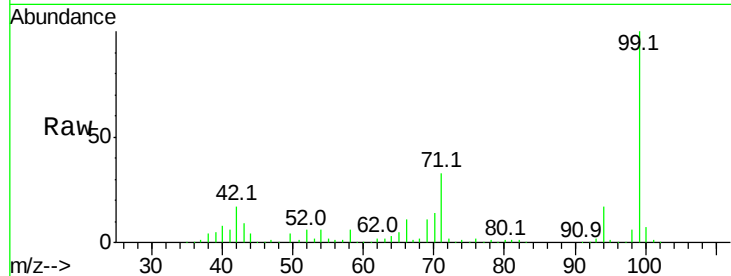
71 32.8 24.5 36.7

Manual Integrations

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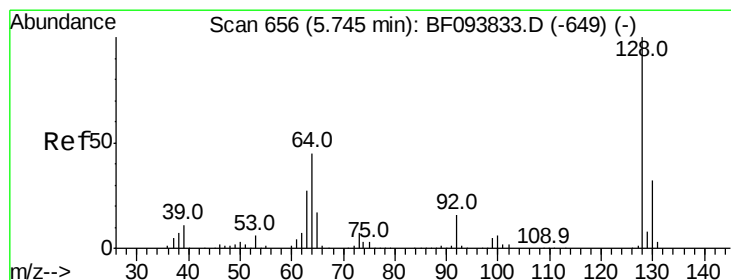
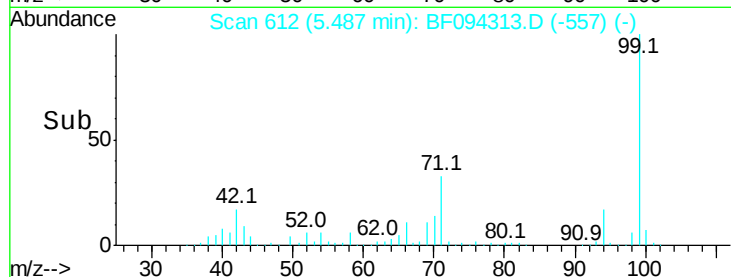
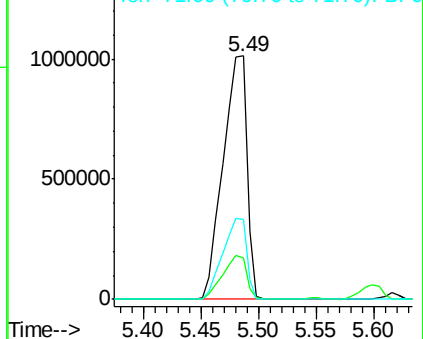
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

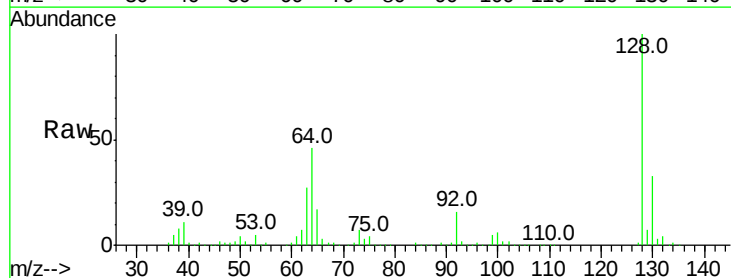
Tgt Ion:128 Resp: 456408

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

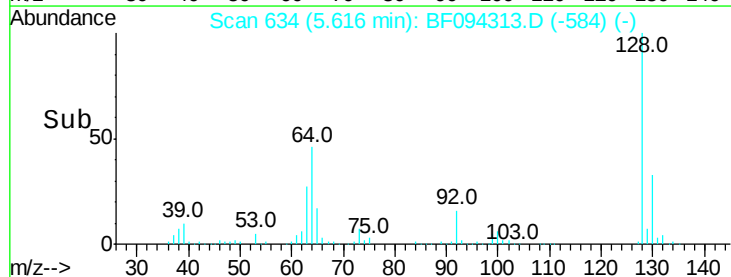
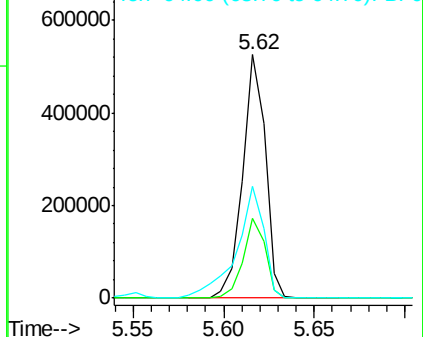
64 46.1 28.4 68.4

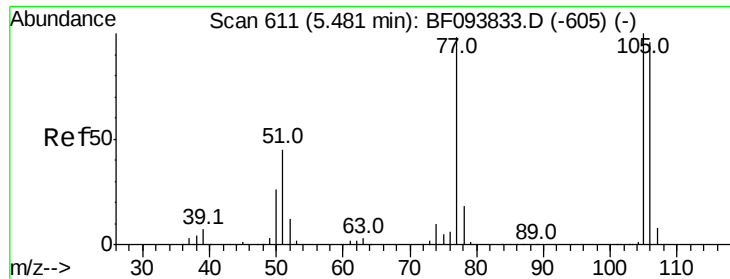


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.17 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

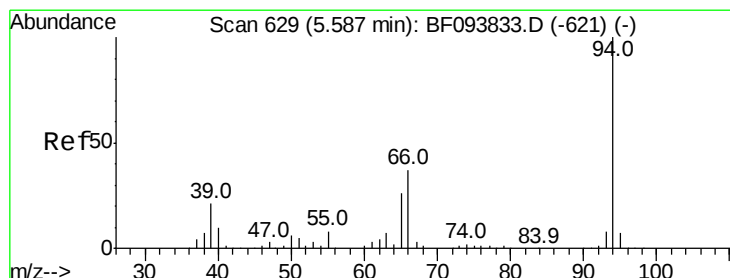
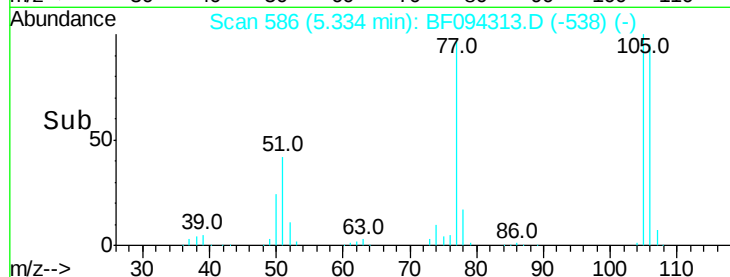
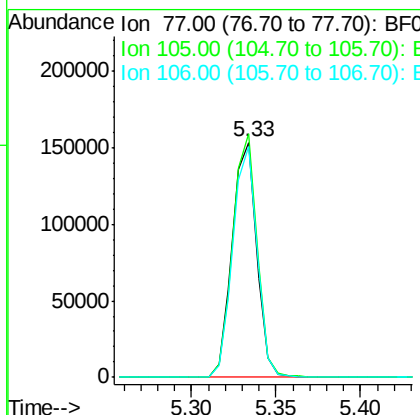
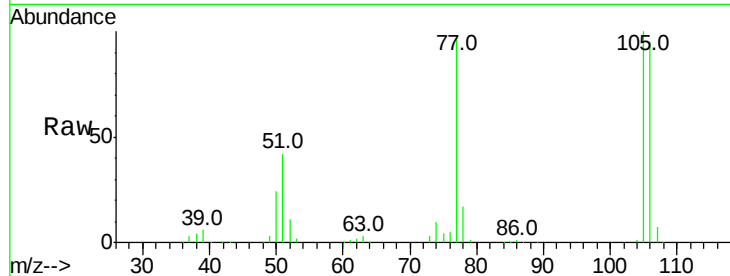
ClientSampleId :

PB98147BS

Tot Ion:	77	Resp:	154844
Ion Ratio	Lower	Upper	
77	100		
105	103.6	83.8	123.8
106	98.3	79.1	119.1

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#10

Phenol

Concen: 40.52 ng

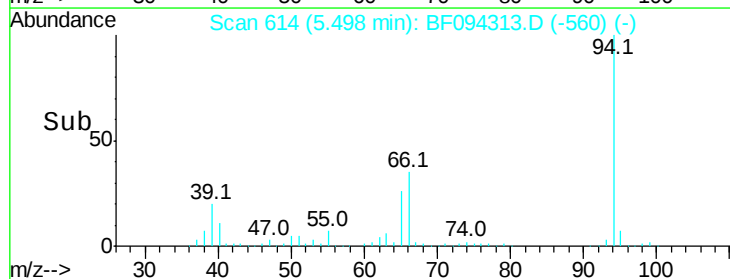
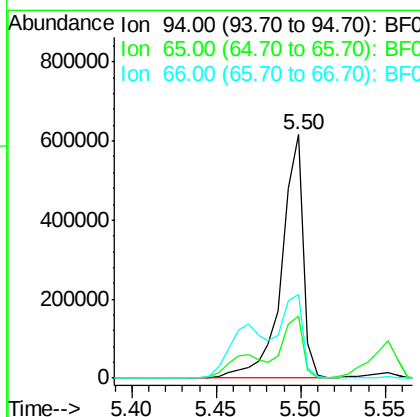
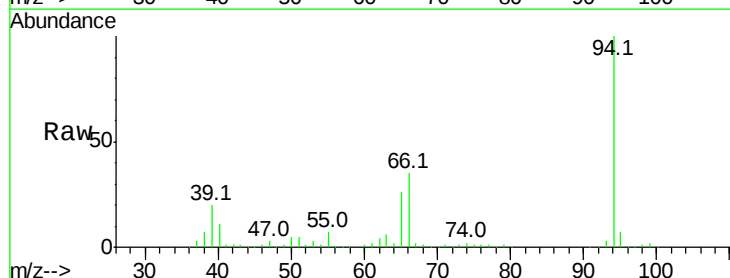
RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	94	Resp:	551645
Ion Ratio	Lower	Upper	
94	100		
65	25.5	9.9	49.9
66	34.6	23.1	63.1





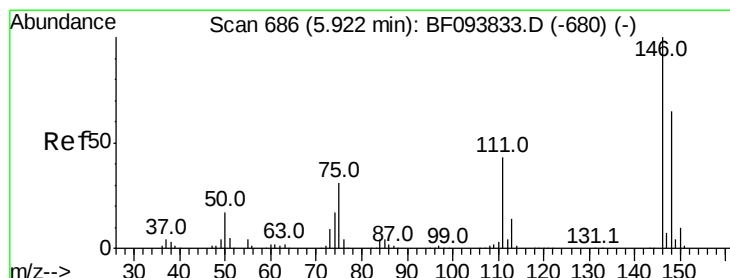
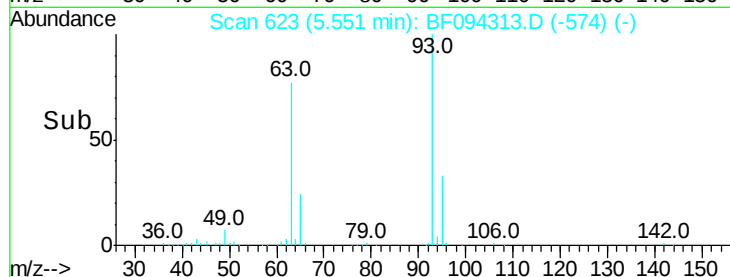
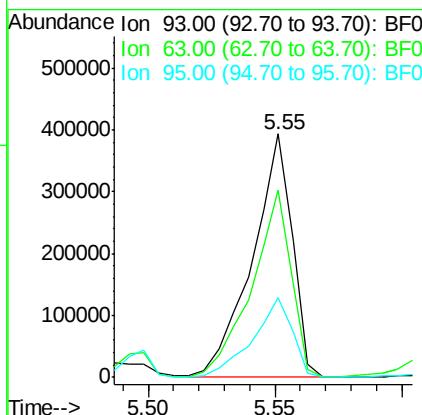
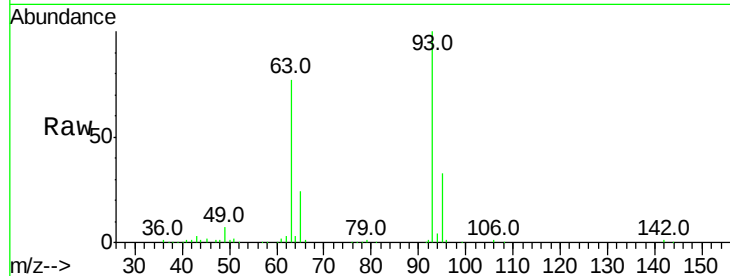
#11
bis(2-Chloroethyl)ether
Concen: 40.74 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion:	93	Resp:	433456
Ion Ratio	Lower	Upper	
93	100		
63	77.1	59.2	99.2
95	33.0	12.8	52.8

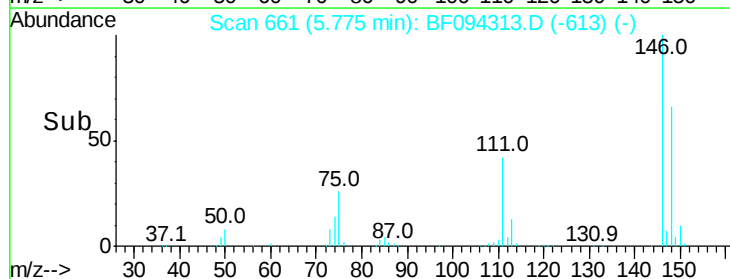
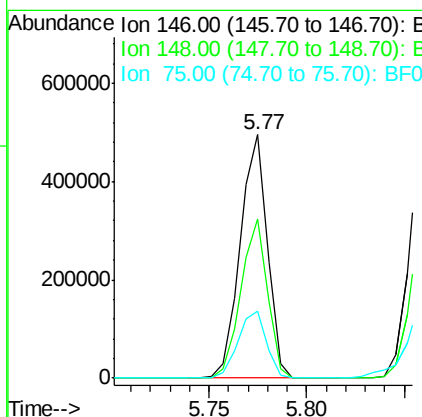
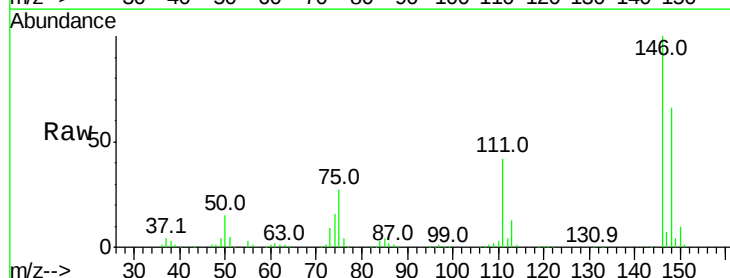
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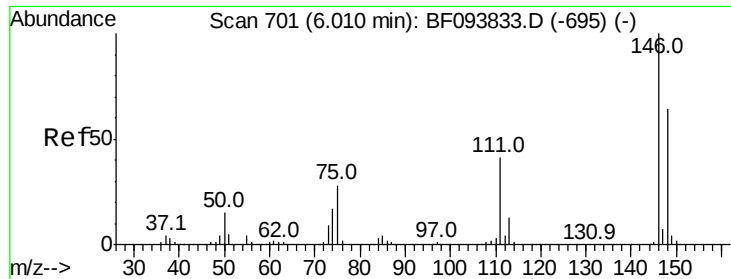
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion:	146	Resp:	476647
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.6
75	27.5	23.1	34.7





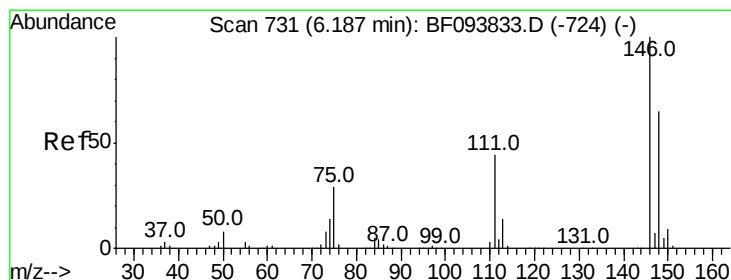
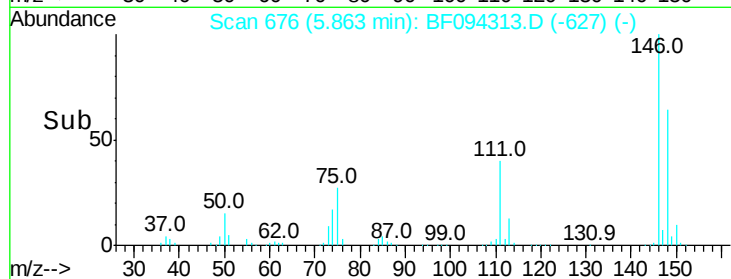
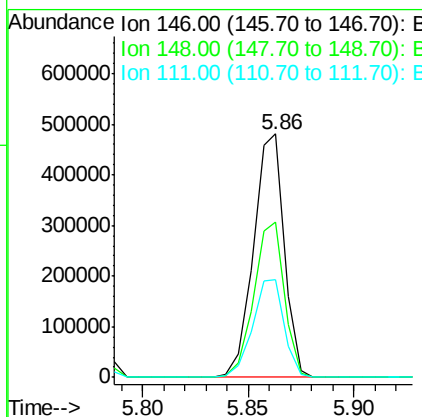
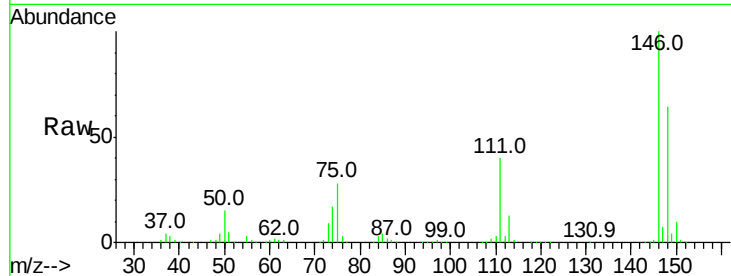
#13
 1,4-Dichlorobenzene
 Concen: 40.22 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	39.9	30.3	45.5

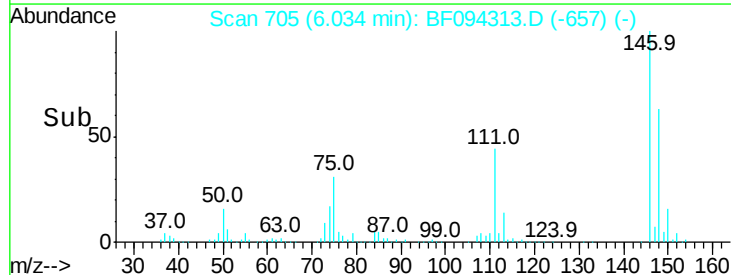
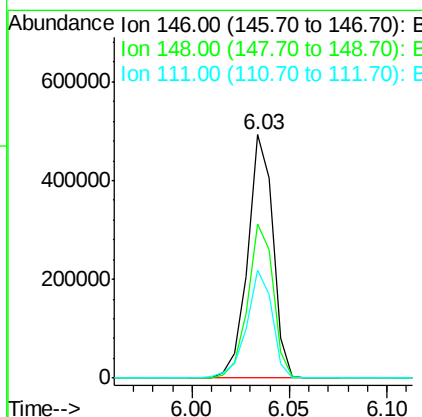
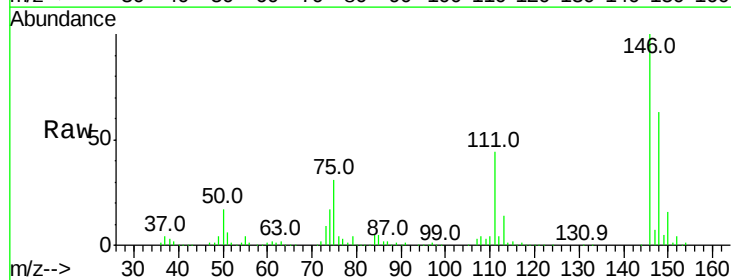
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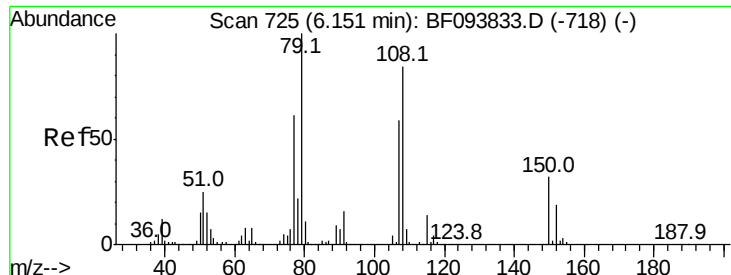
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.37 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion: 79 Resp: 344757

Ion Ratio Lower Upper

79 100

108 80.2 63.4 95.0

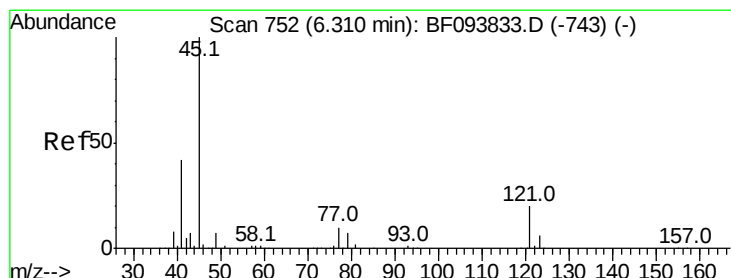
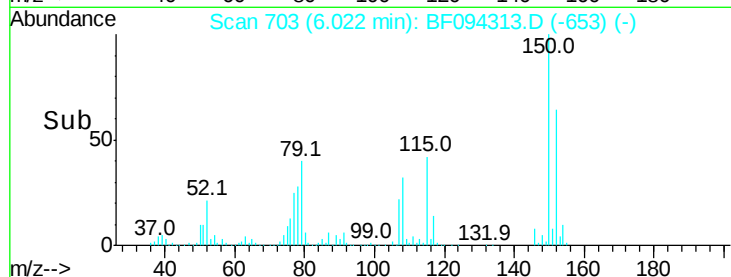
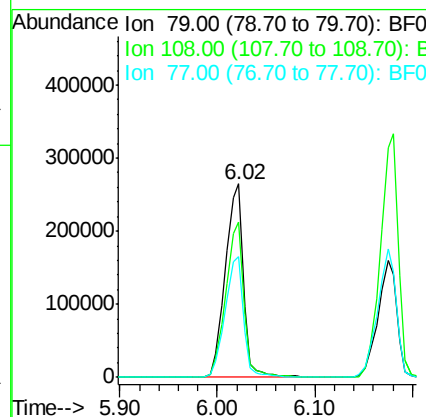
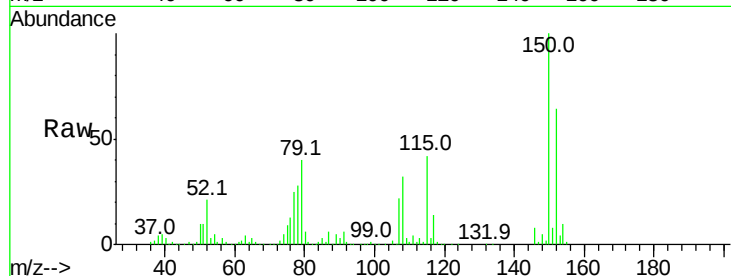
77 62.6 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.68 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

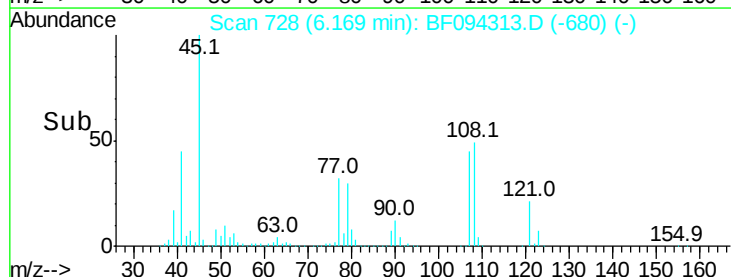
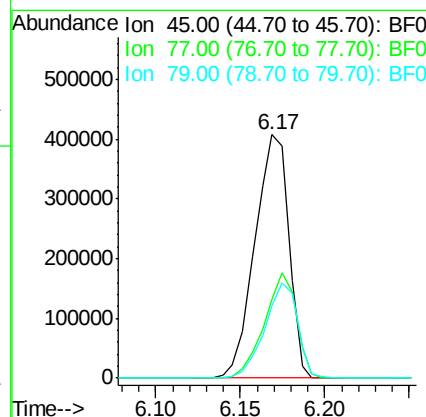
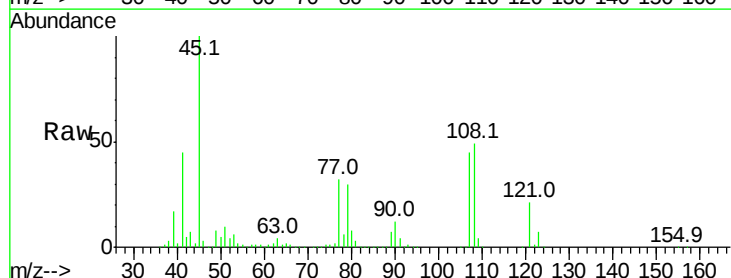
Tgt Ion: 45 Resp: 568635

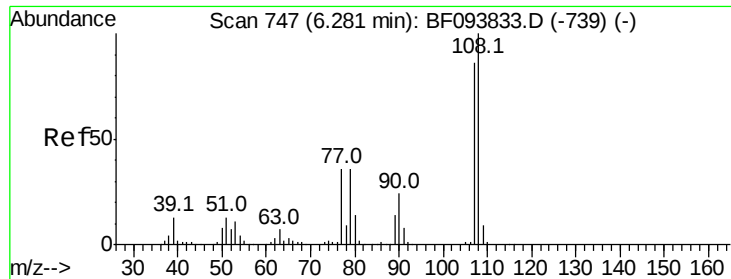
Ion Ratio Lower Upper

45 100

77 32.3 0.0 33.2

79 29.5 0.0 30.0





#17

2-Methylphenol

Concen: 40.75 ng

RT: 6.18 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

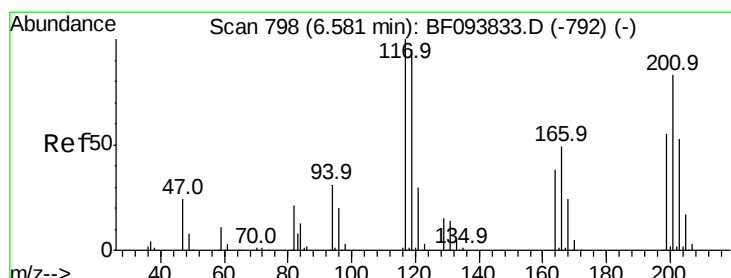
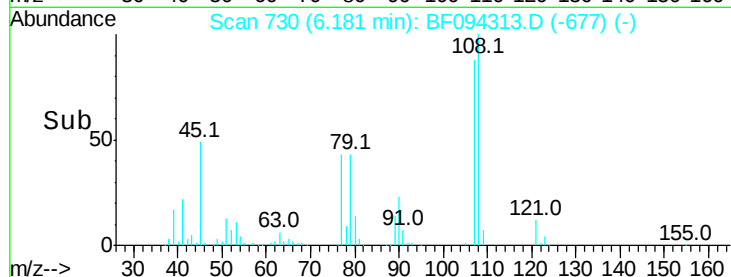
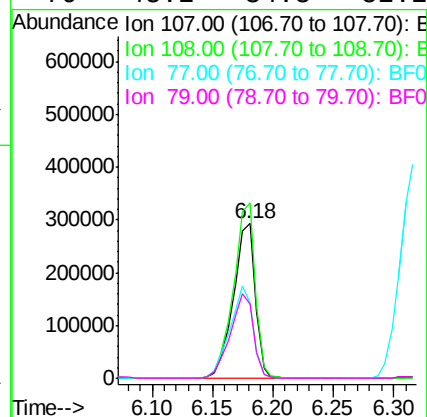
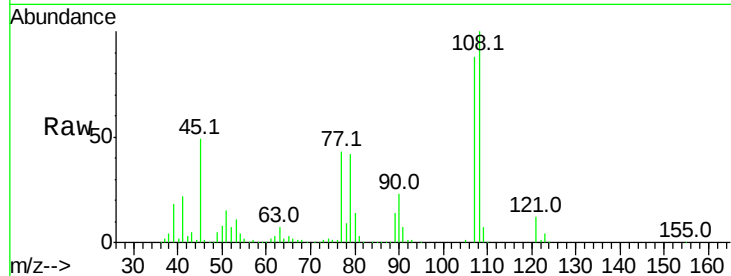
ClientSampleId :

PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	93.4	140.0	
77	49.0	35.8	53.6	
79	48.2	34.8	52.2	

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#18

Hexachloroethane

Concen: 40.13 ng

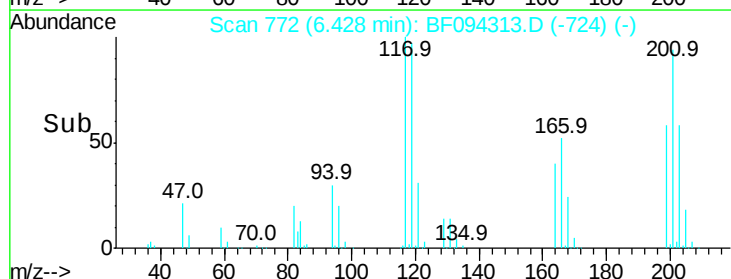
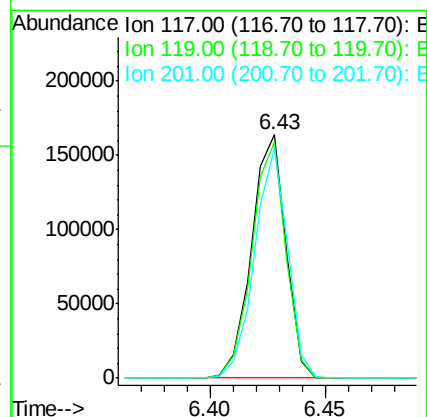
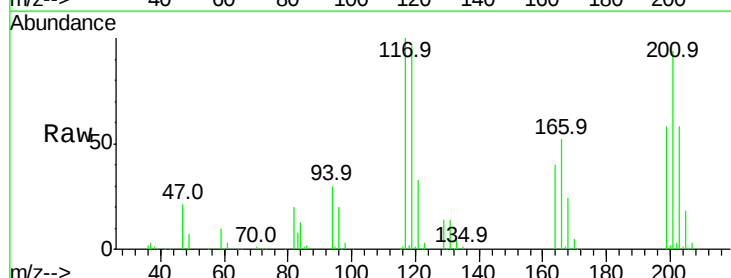
RT: 6.43 min Scan# 772

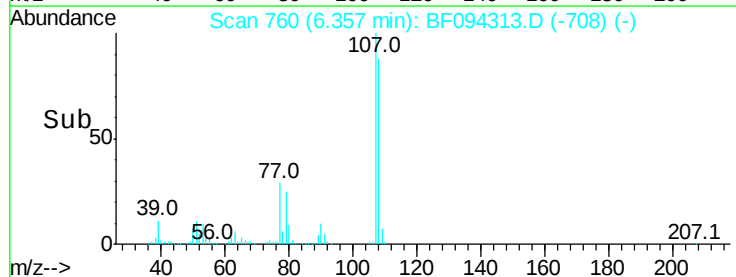
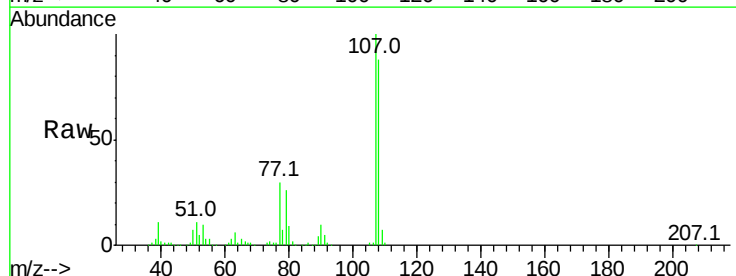
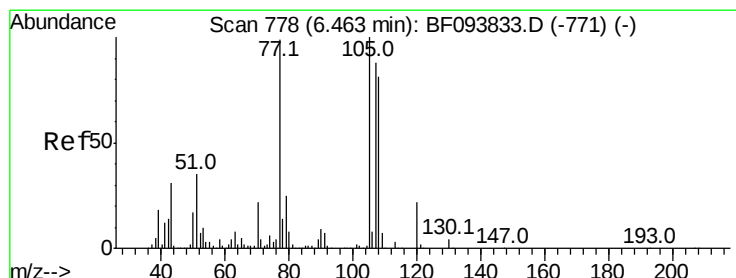
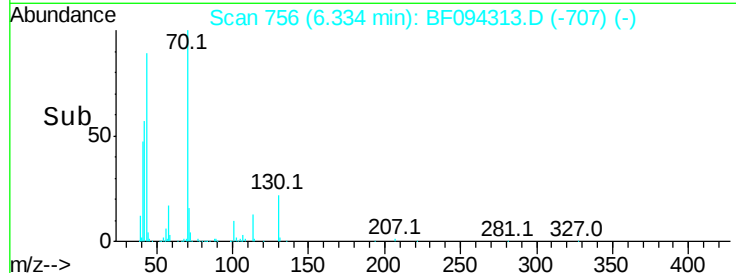
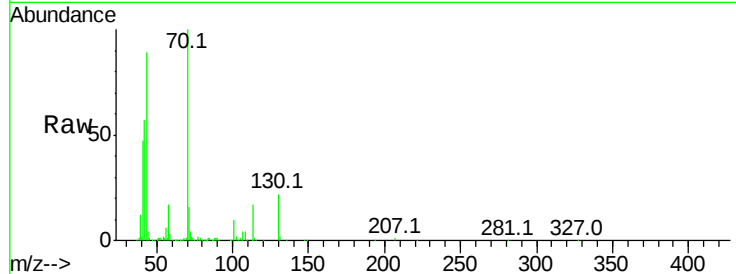
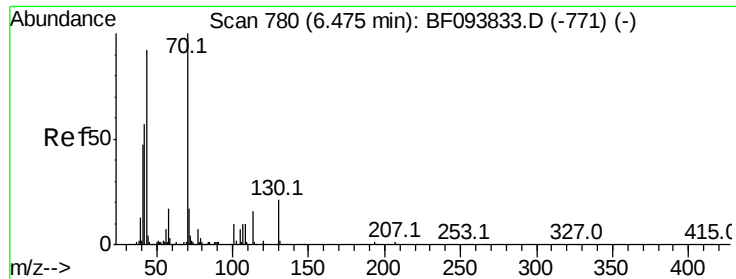
Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.4	116.0	
201	94.3	94.6	141.8#	





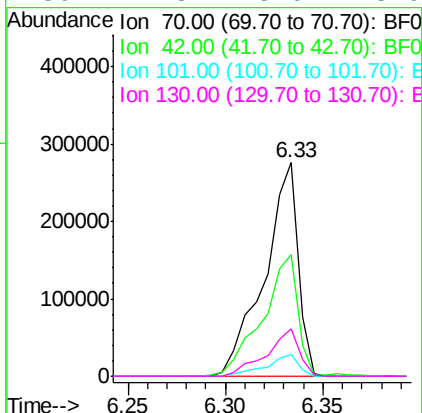
#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	10.4	7.2	10.8
130	22.3	15.9	23.9

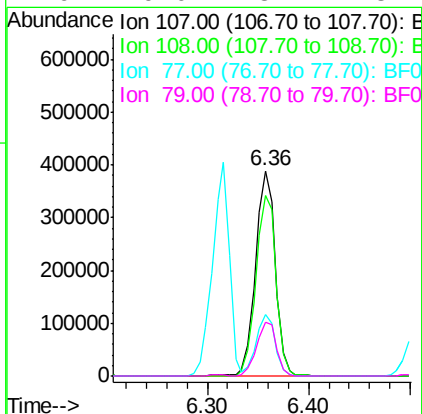
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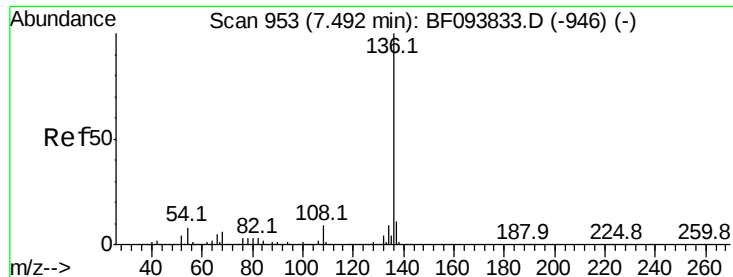
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#20
3+4-Methylphenols
Concen: 47.59 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	29.9	90.5	130.5#
79	26.0	8.4	48.4





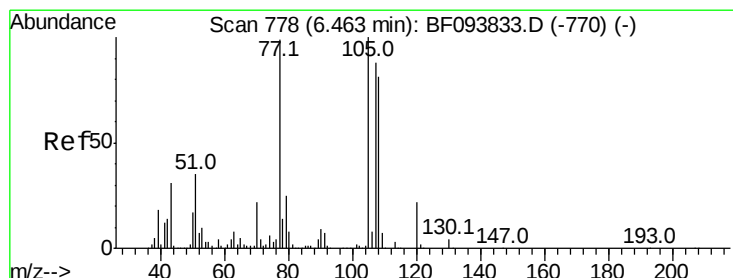
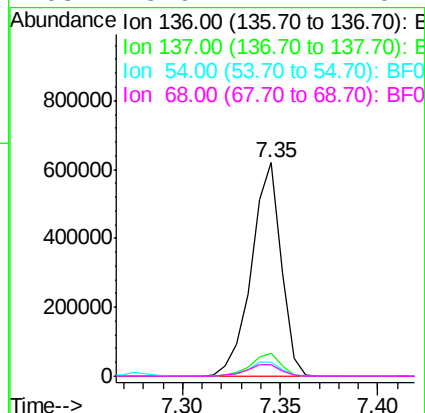
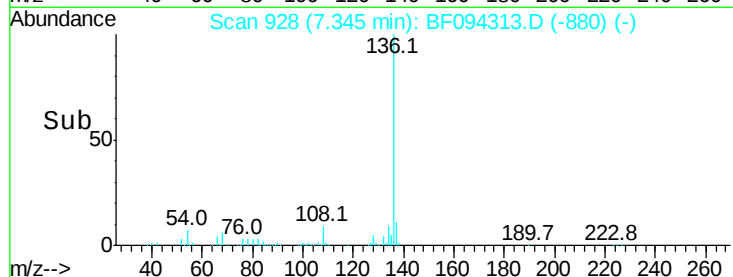
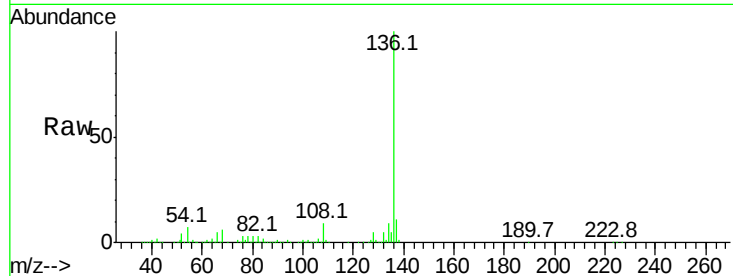
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653302		
137	11.0		8.5	12.7
54	6.8		4.9	7.3
68	5.6		4.1	6.1

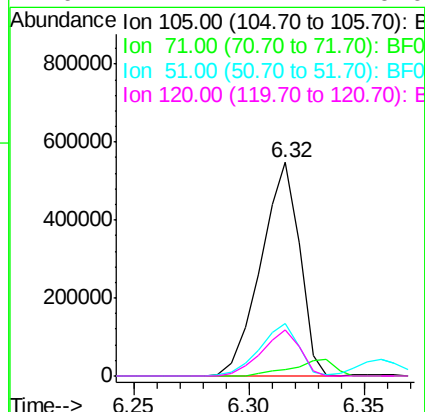
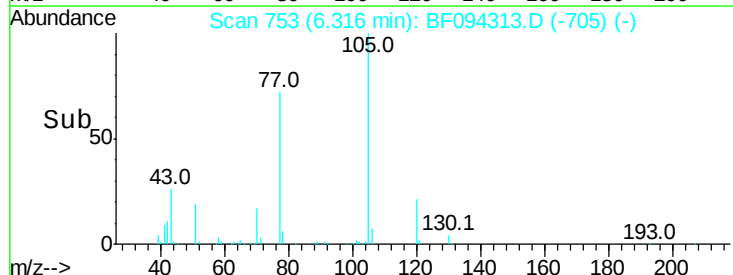
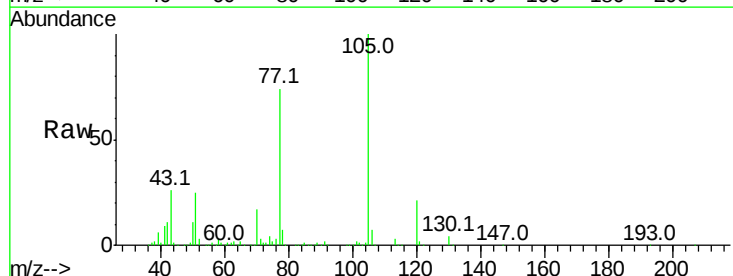
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#22
Acetophenone
Concen: 43.92 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639520		
71	2.9		2.8	4.2
51	24.7		30.7	46.1#
120	21.4		17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.69 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

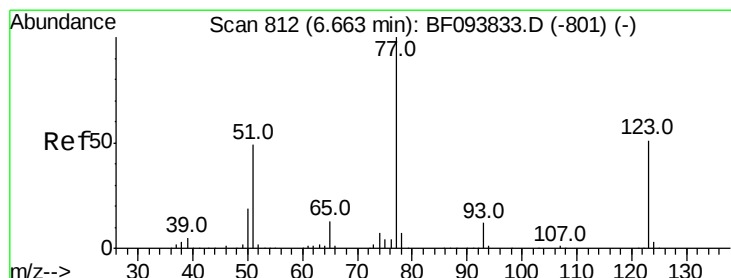
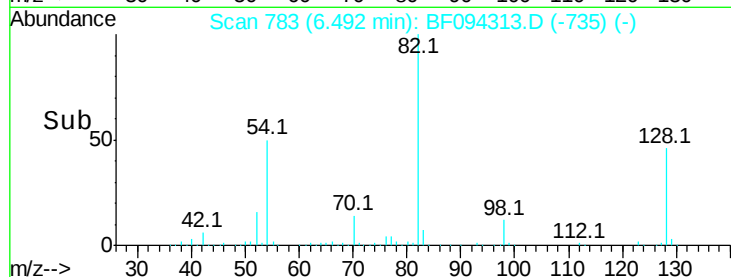
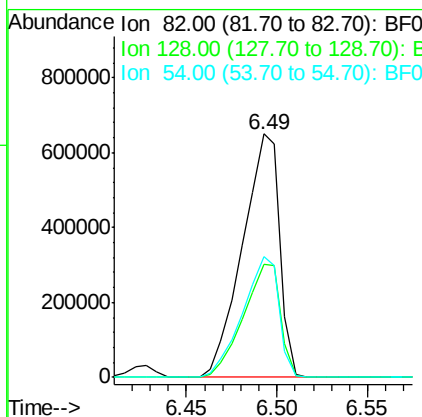
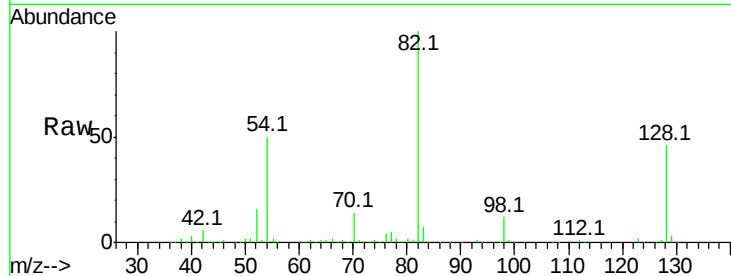
ClientSampleId :

PB98147BS

Tot Ion:	82	Resp:	923657
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	49.8	42.2	63.2

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#24

Nitrobenzene

Concen: 40.96 ng

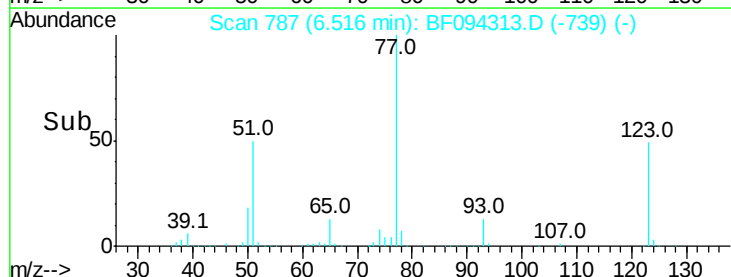
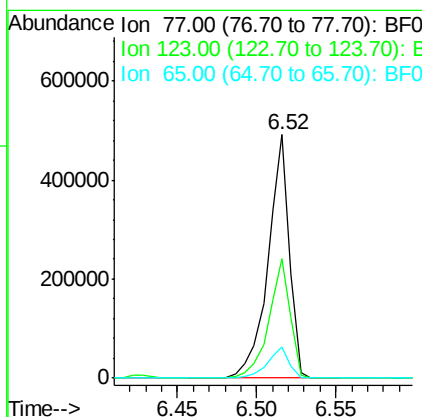
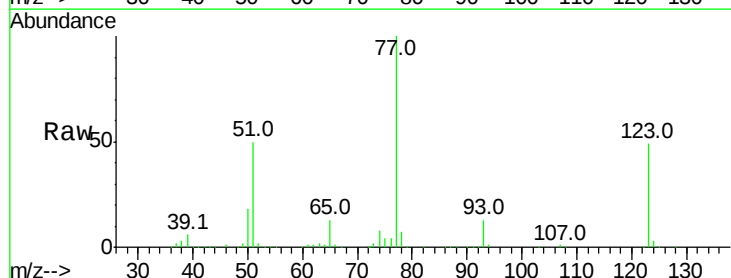
RT: 6.52 min Scan# 787

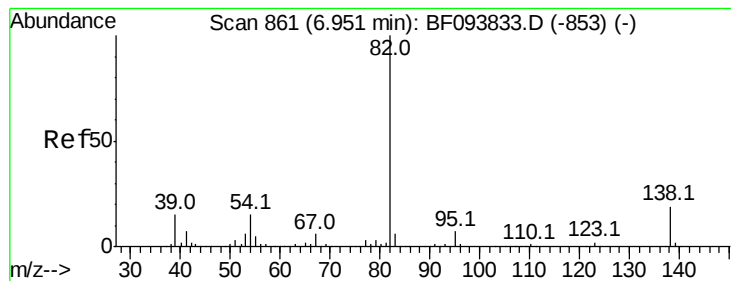
Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	77	Resp:	462468
Ion Ratio	Lower	Upper	
77	100		
123	49.3	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.71 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

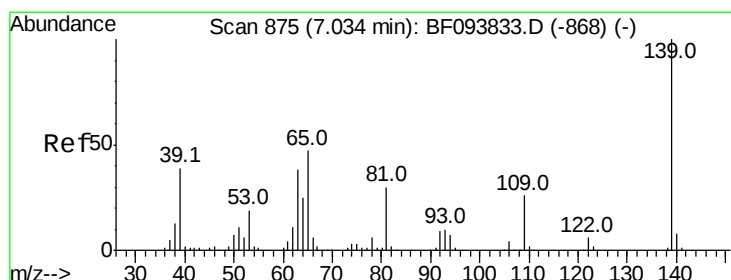
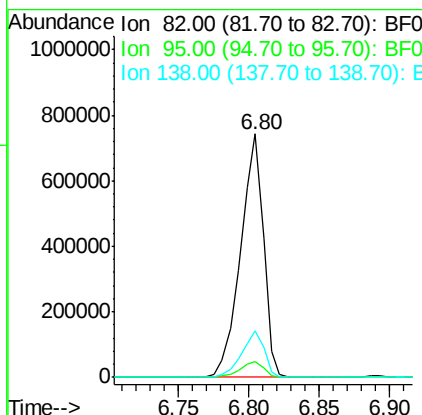
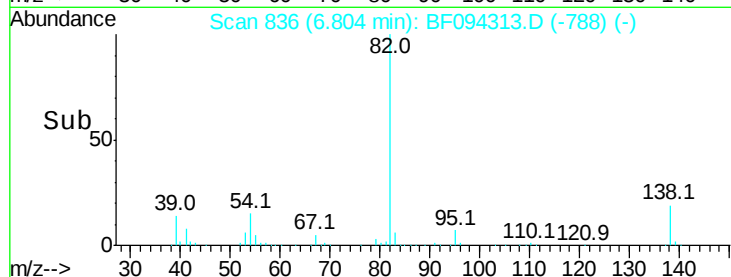
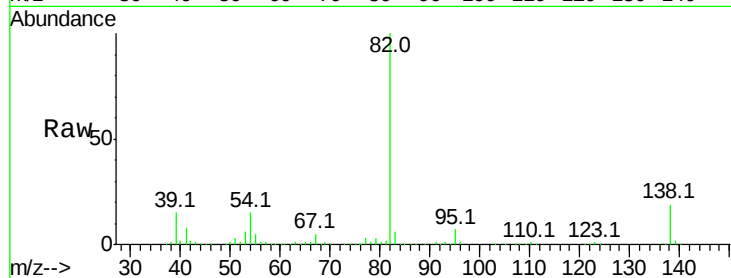
ClientSampleId :

PB98147BS

Tot Ion:	82	Resp:	839106
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 48.04 ng

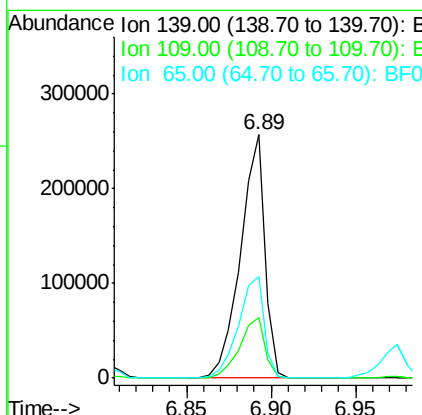
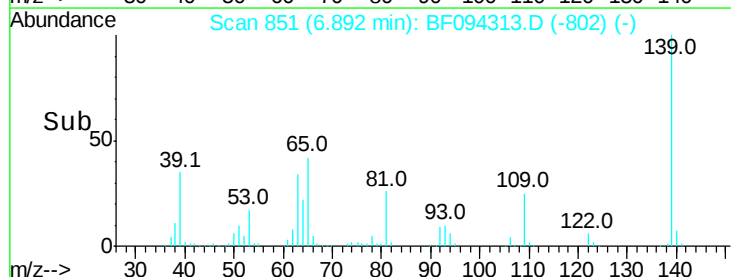
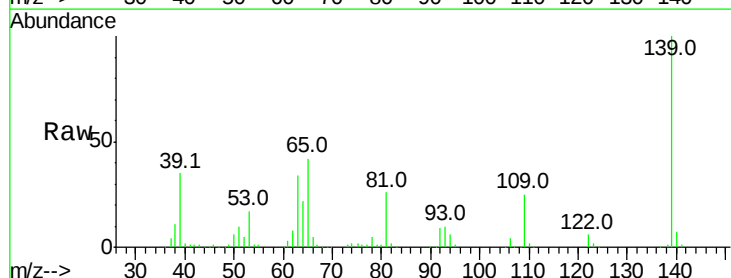
RT: 6.89 min Scan# 851

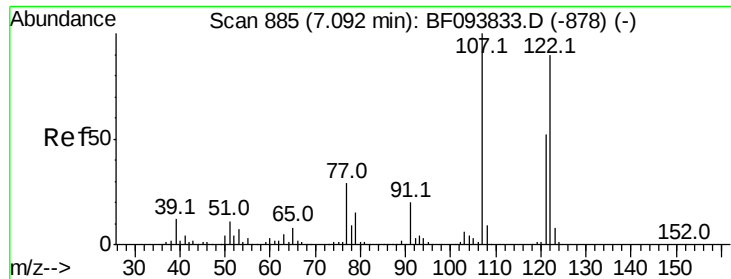
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	139	Resp:	258634
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	41.7	33.0	49.6





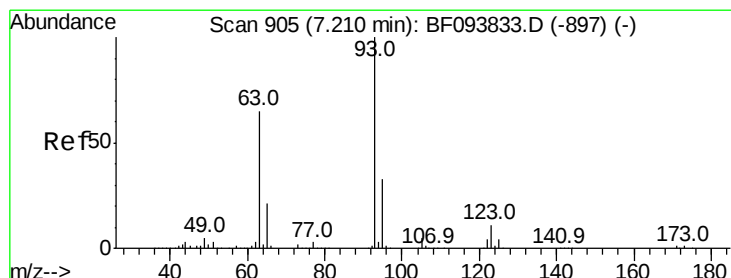
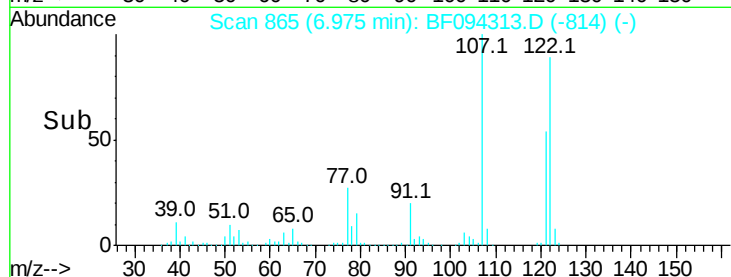
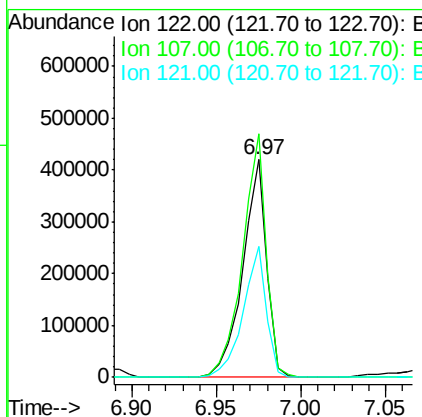
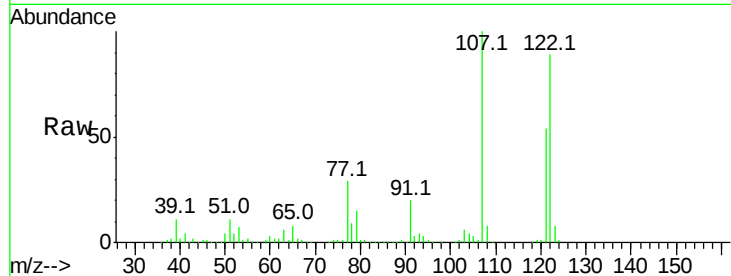
#27
2,4-Dimethylphenol
Concen: 44.80 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.2	133.8
121	60.3	45.2	67.8

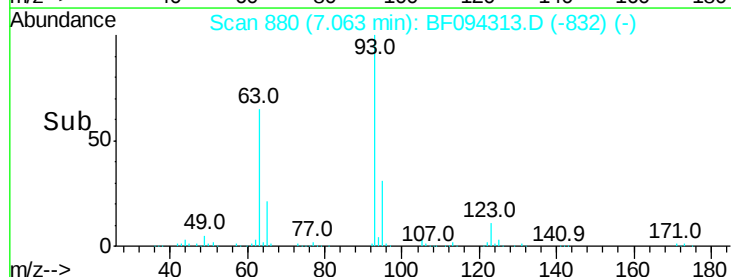
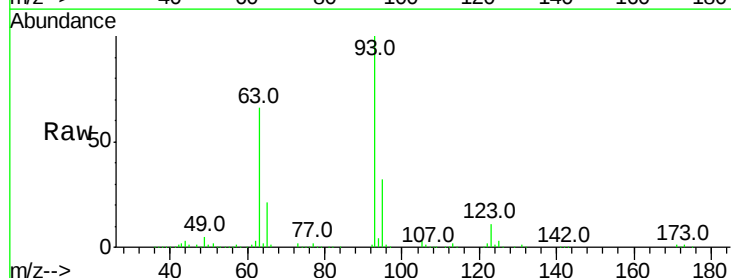
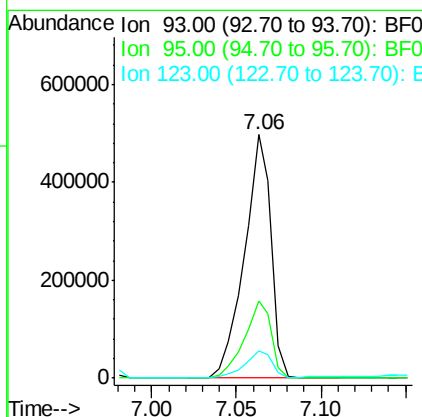
Manual Integrations
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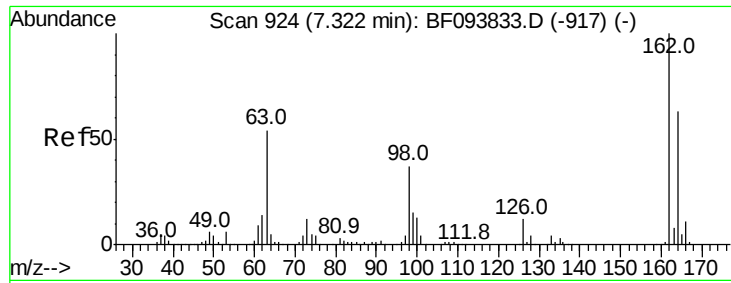
mohammad
4/11/2017 12:53:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.24 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	11.0	9.0	13.4





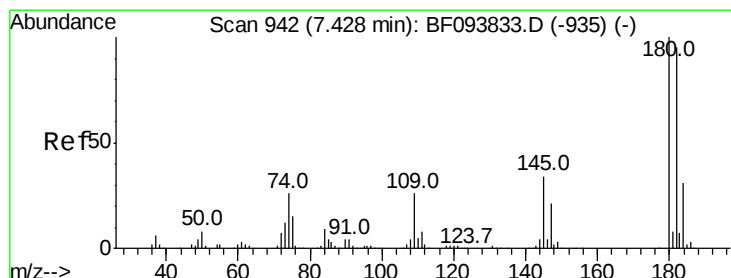
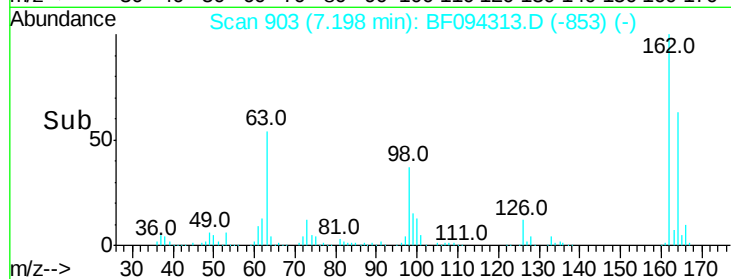
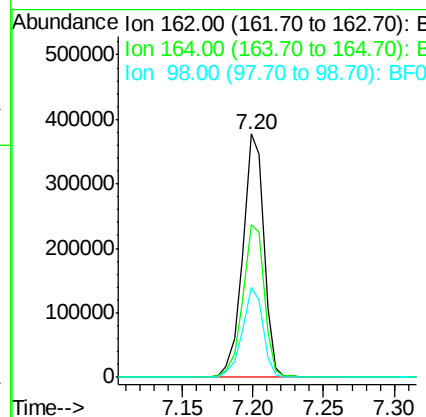
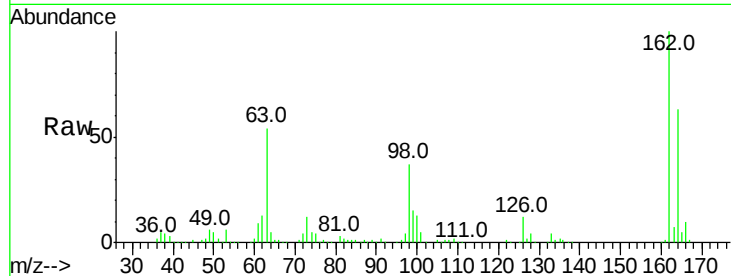
#29
 2,4-Dichlorophenol
 Concen: 45.60 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	395581		
164	62.7	44.6	84.6	
98	36.8	14.8	54.8	

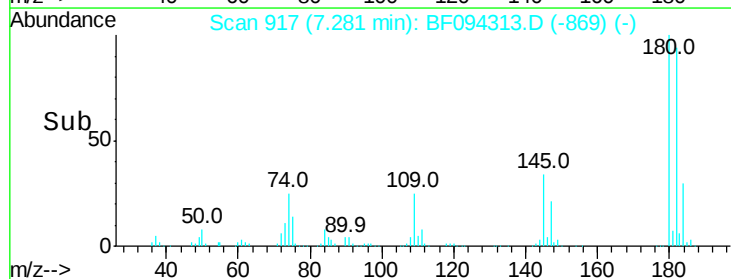
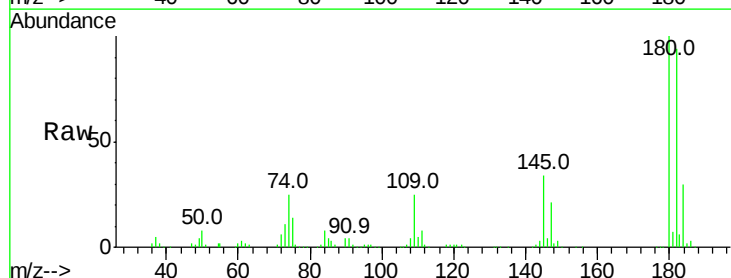
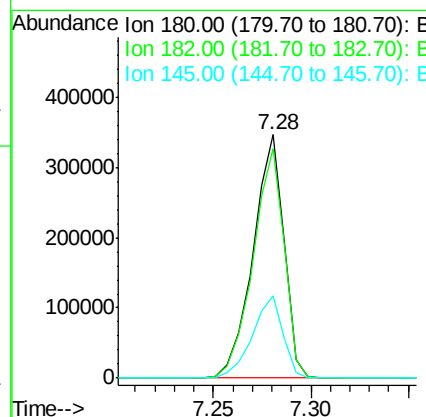
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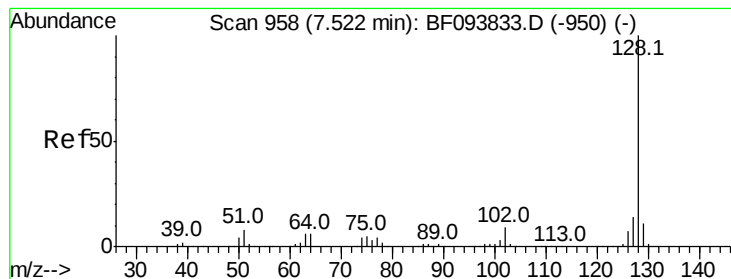
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.36 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378458		
182	94.2	75.8	113.6	
145	33.8	25.3	37.9	





#31

Naphthalene

Concen: 40.55 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion:128 Resp: 1273654

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

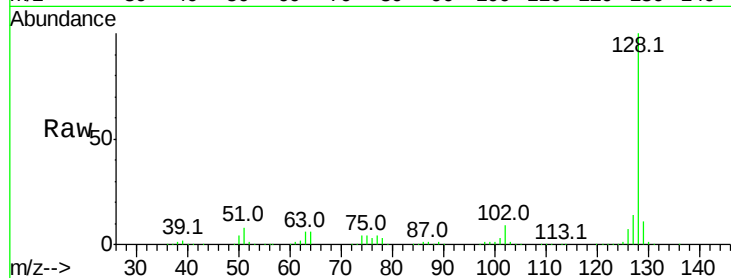
127 13.8 10.8 16.2

Manual Integrations

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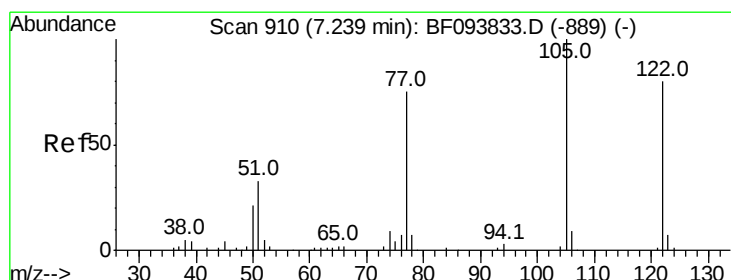
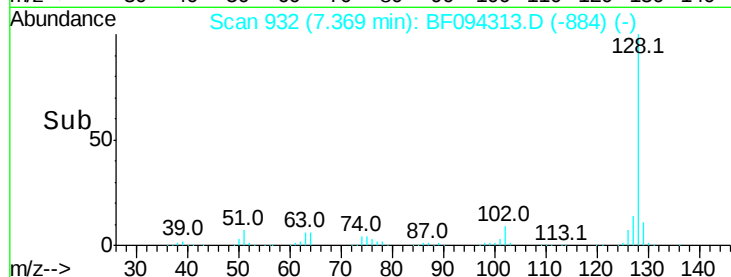
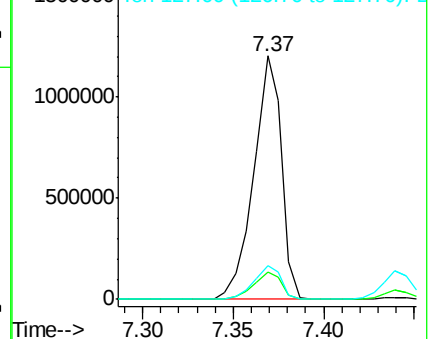
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.46 ng

RT: 7.16 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

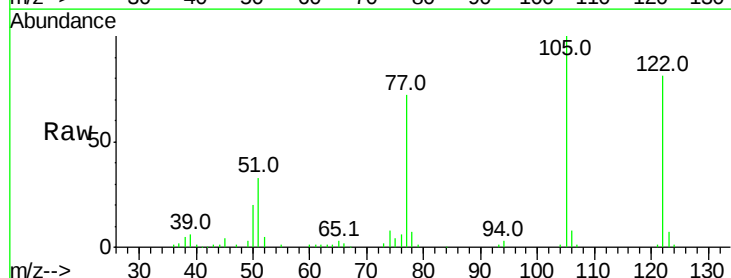
Tgt Ion:122 Resp: 249905

Ion Ratio Lower Upper

122 100

105 123.5 103.3 143.3

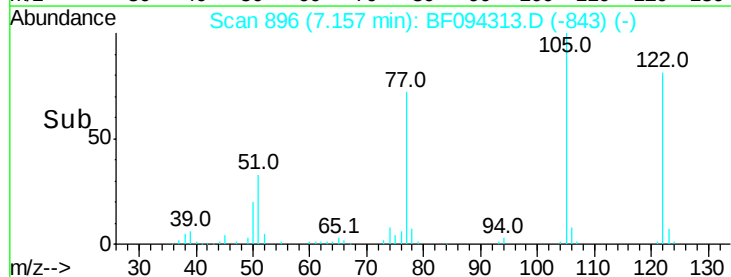
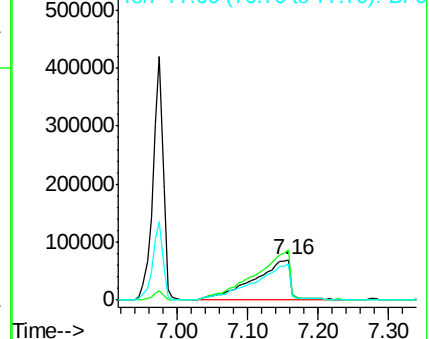
77 89.3 73.7 113.7

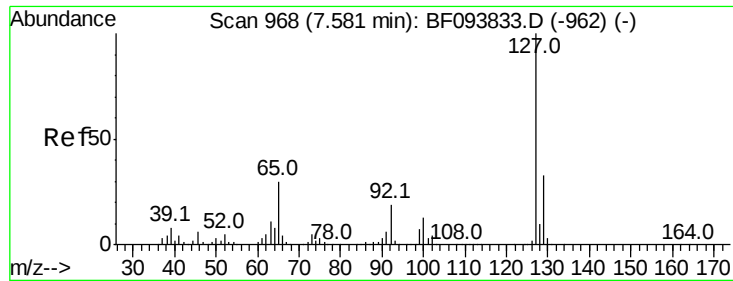


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





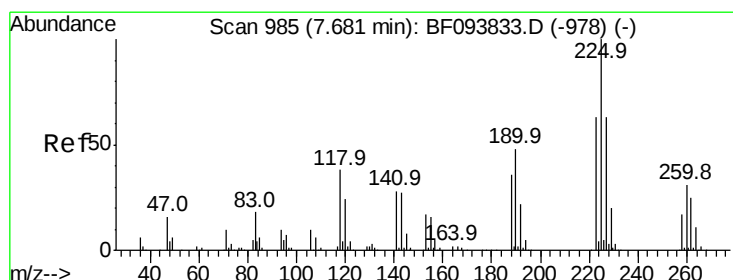
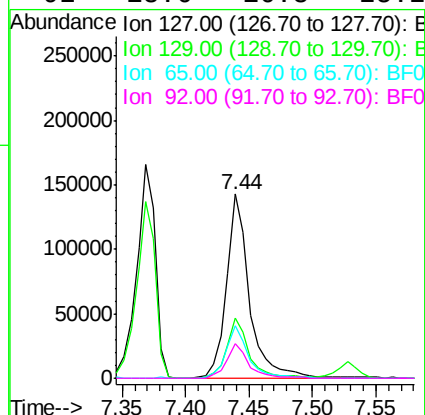
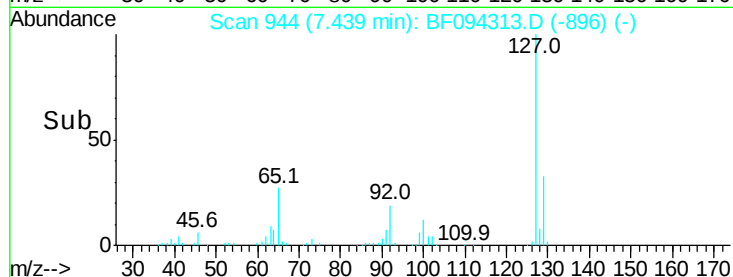
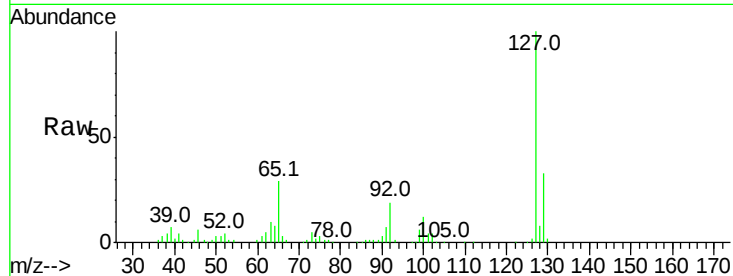
#33
4-Chloroaniline
Concen: 14.16 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.2	
65	28.6	27.8	41.8	
92	18.6	16.8	25.2	

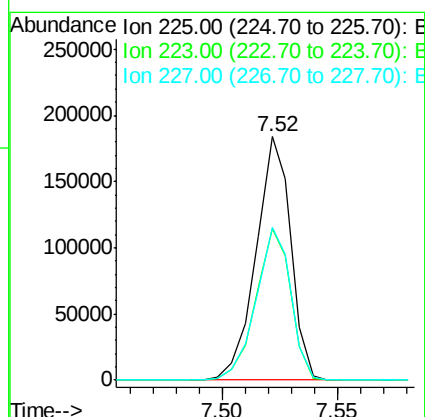
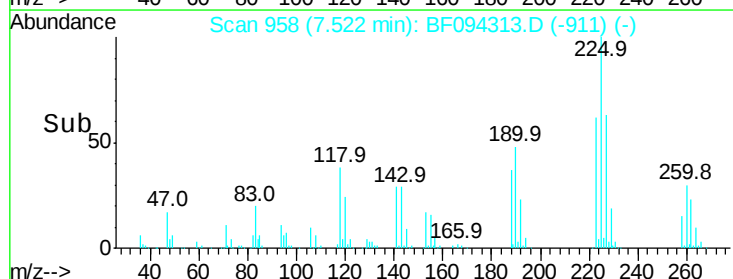
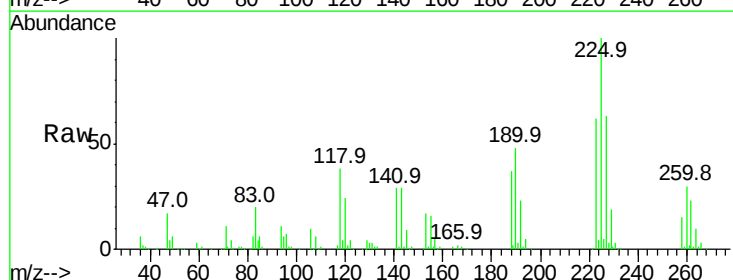
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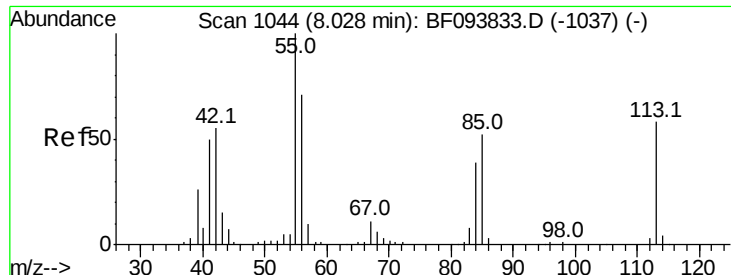
mohammad
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#34
Hexachlorobutadiene
Concen: 42.01 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	48.8	73.2	
227	62.9	51.1	76.7	





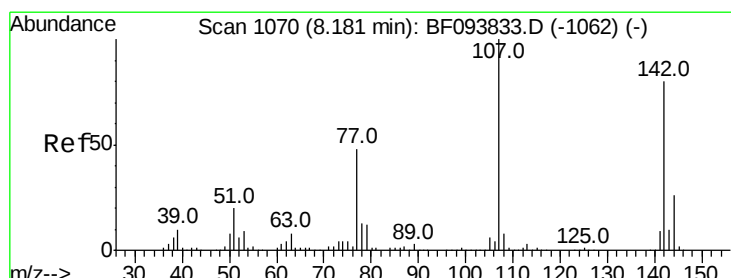
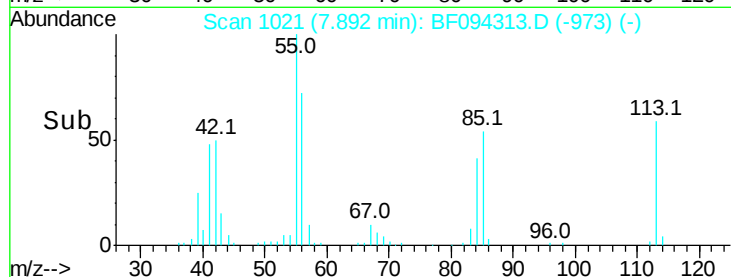
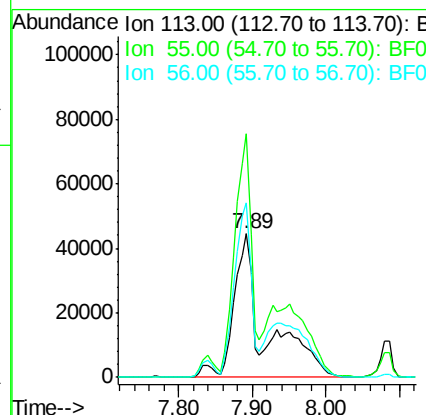
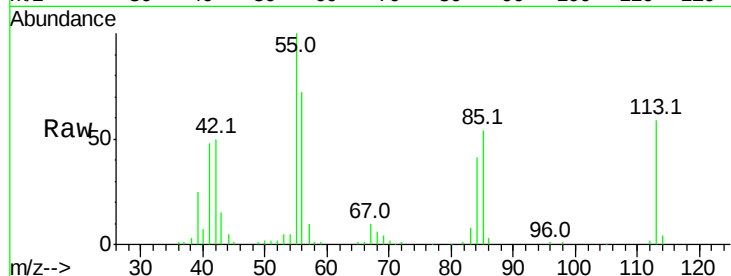
#35
 Caprolactam
 Concen: 47.05 ng/ml
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleID :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.0	150.2	190.2
56	121.6	107.8	147.8

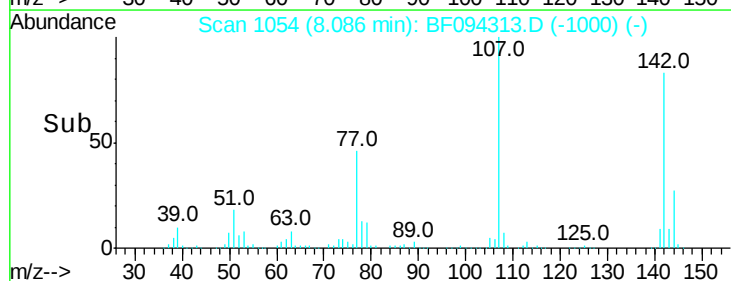
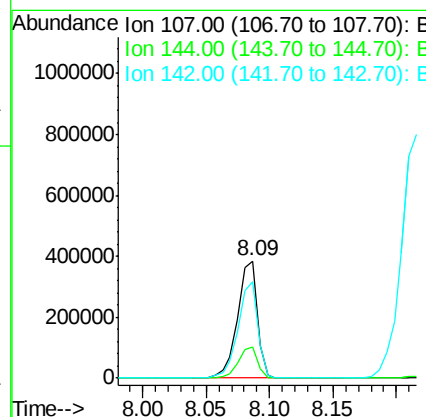
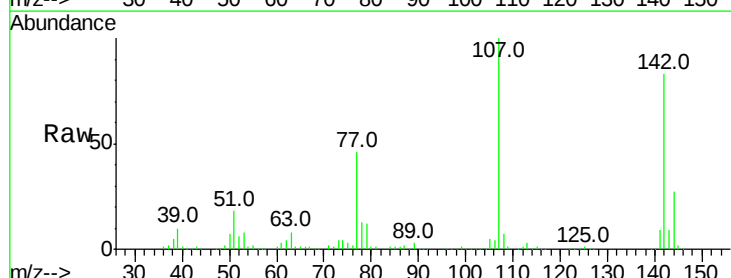
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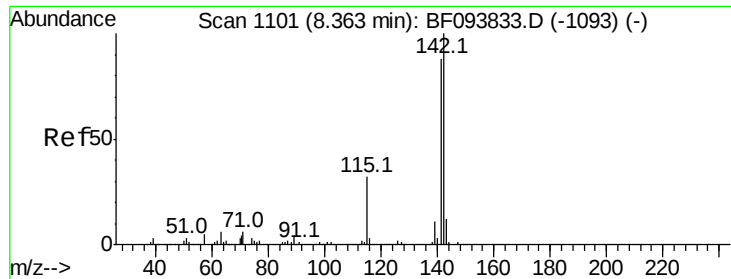
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.58 ng/ml
 RT: 8.09 min Scan# 1054
 Delta R.T. 0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	24.2	36.4
142	82.8	73.4	110.0





#37

2-Methylnaphthalene

Concen: 43.11 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

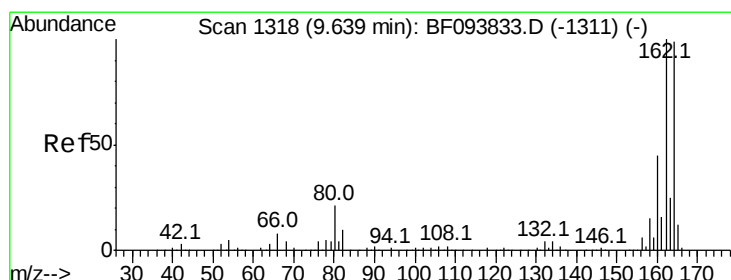
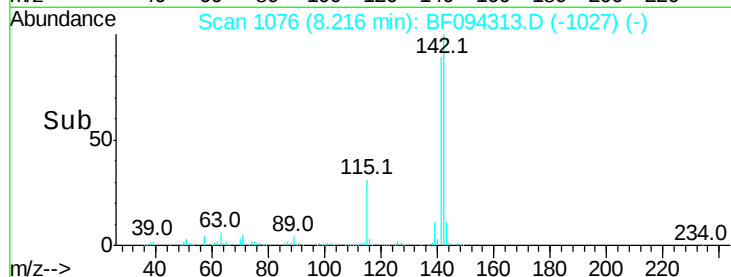
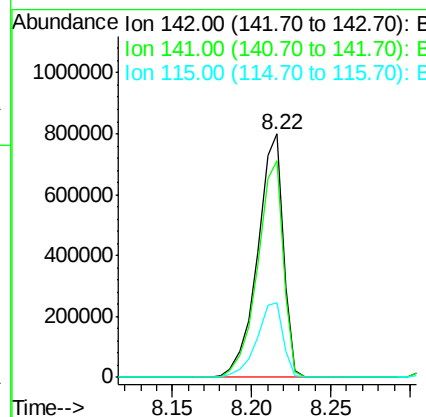
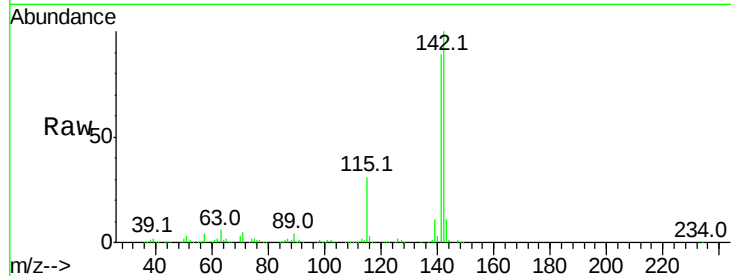
Instrument :
BNA_F

ClientSampleId :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	902824		
141	89.2	71.3	106.9	
115	30.7	27.1	40.7	

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#38

Acenaphthene-d10

Concen: 20.00 ng

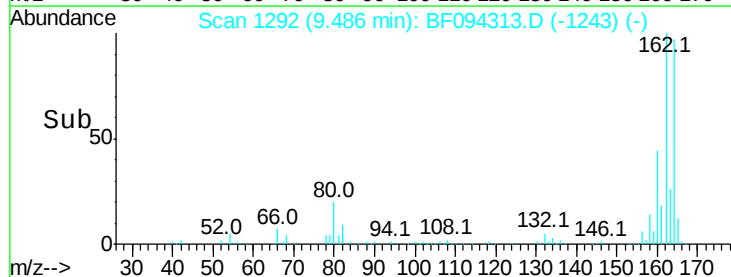
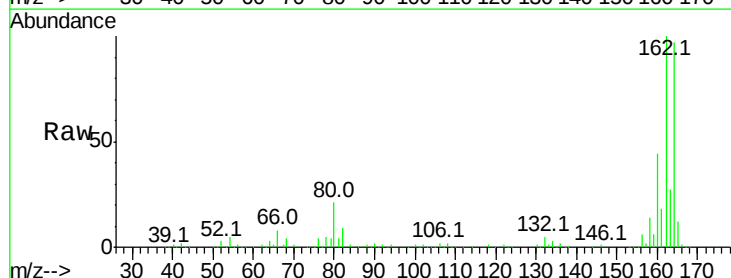
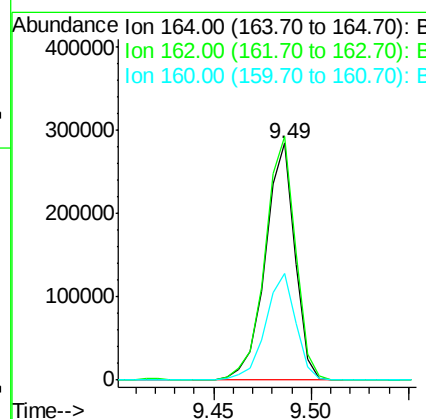
RT: 9.49 min Scan# 1292

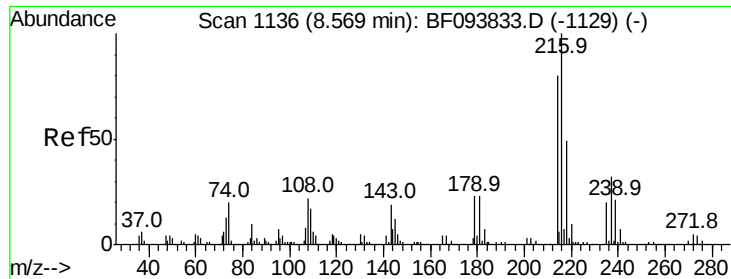
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	297867		
162	102.9	82.6	123.8	
160	45.1	36.2	54.2	





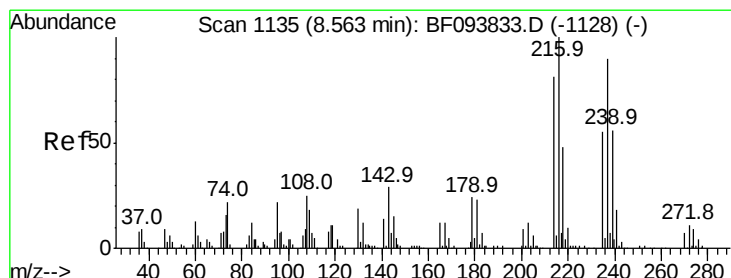
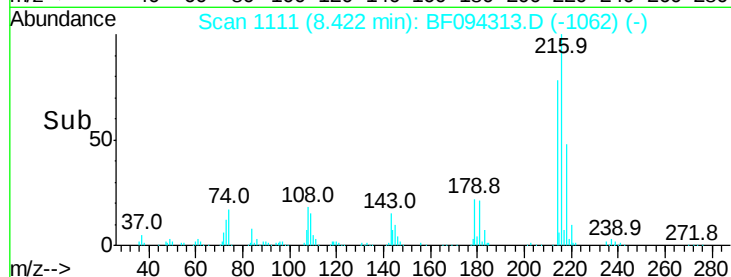
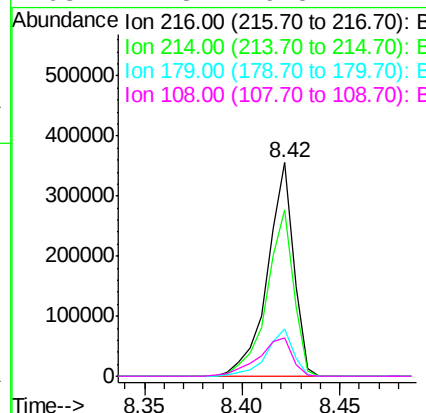
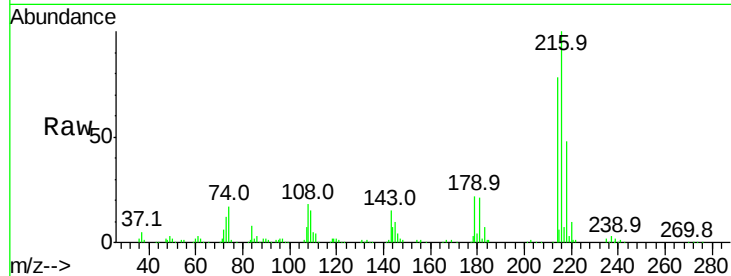
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.84 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	332752		
214	79.1	63.4	95.2	
179	22.1	17.9	26.9	
108	22.8	16.5	24.7	

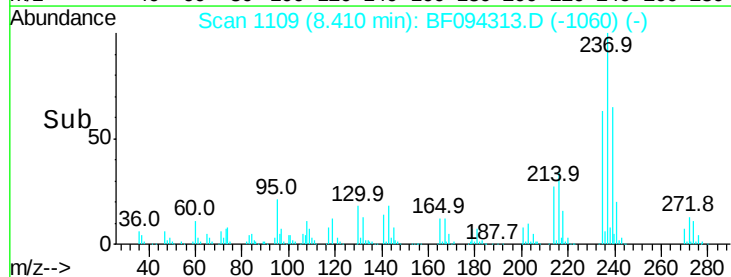
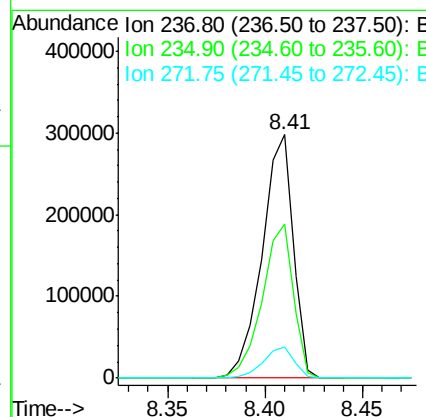
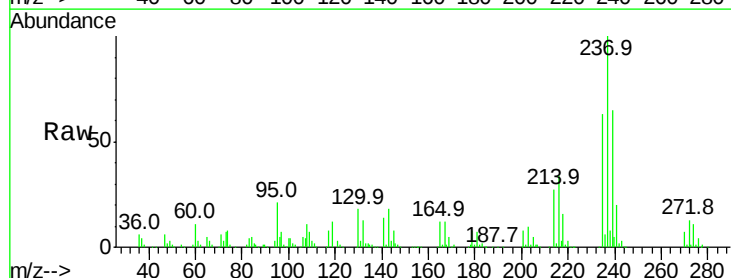
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#40
 Hexachlorocyclopentadiene
 Concen: 86.57 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	330094		
235	63.1	42.6	82.6	
272	12.9	0.0	31.9	





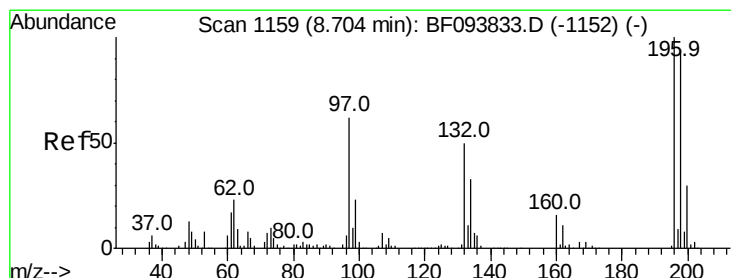
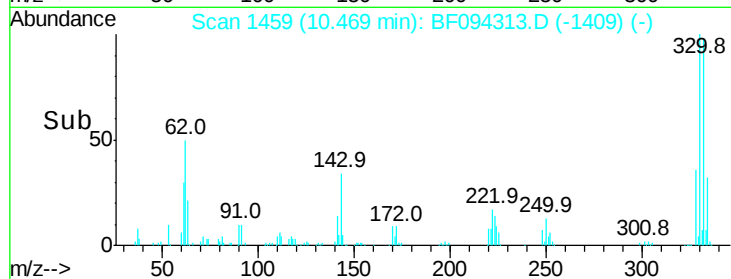
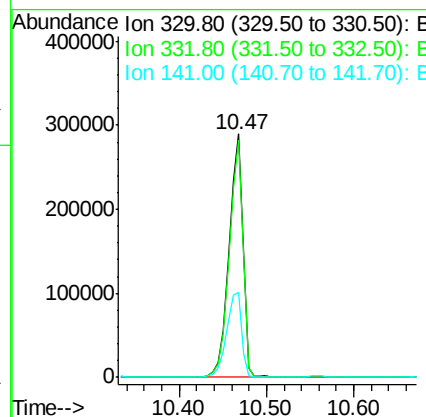
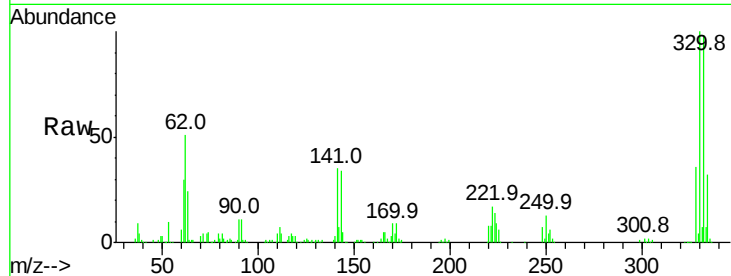
#41
 2,4,6-Tribromophenol
 Concen: 137.37 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	38.1	31.4	47.2	

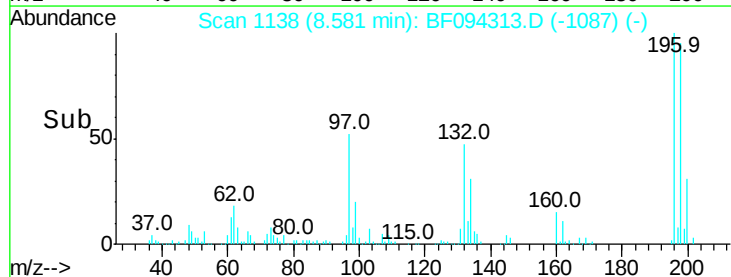
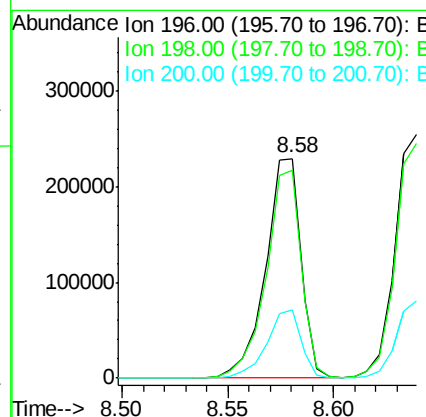
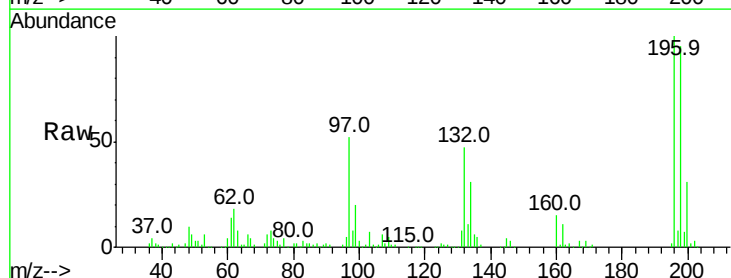
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#42
 2,4,6-Trichlorophenol
 Concen: 46.66 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	74.2	111.4	
200	30.9	24.0	36.0	





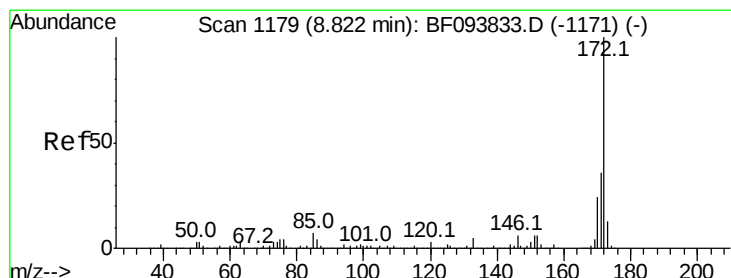
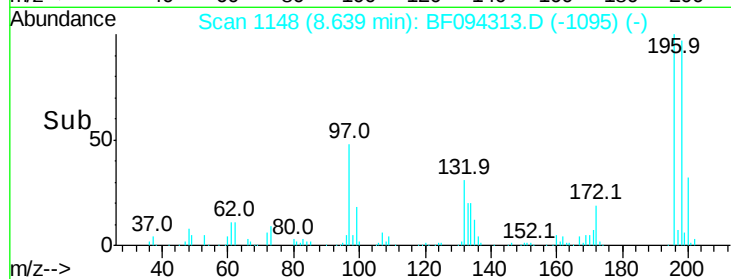
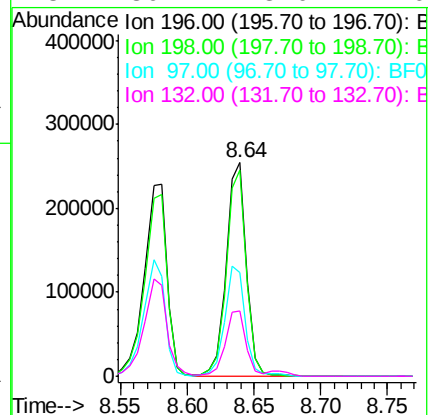
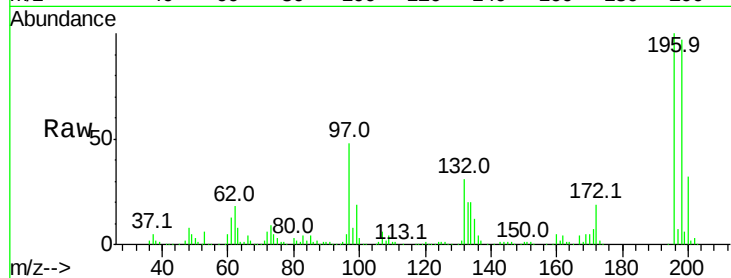
#43
 2,4,5-Trichlorophenol
 Concen: 43.59 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampled :
 PB98147BS

Tot Ion	196	Resp	271902
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.7	113.5
97	48.5	47.7	71.5
132	30.7	28.0	42.0

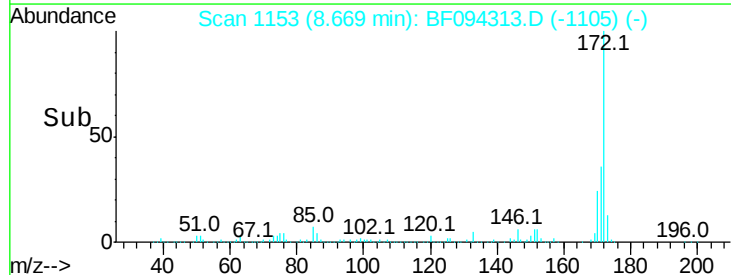
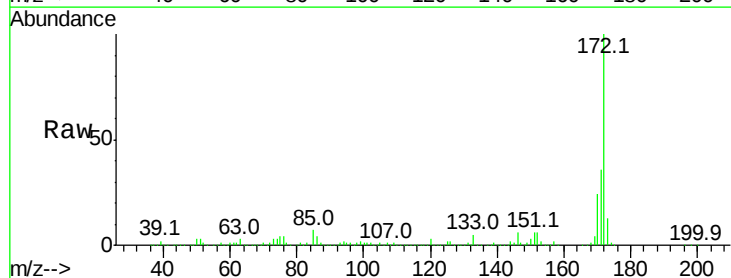
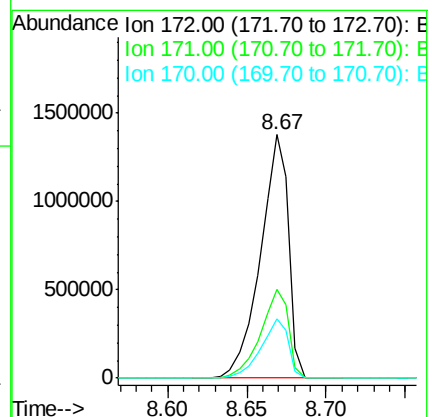
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#44
 2-Fluorobiphenyl
 Concen: 86.90 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	172	Resp	1696987
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.15 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion:154 Resp: 1012776

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

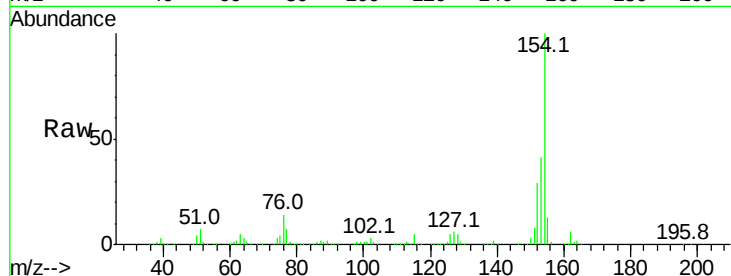
76 13.7 0.0 29.9

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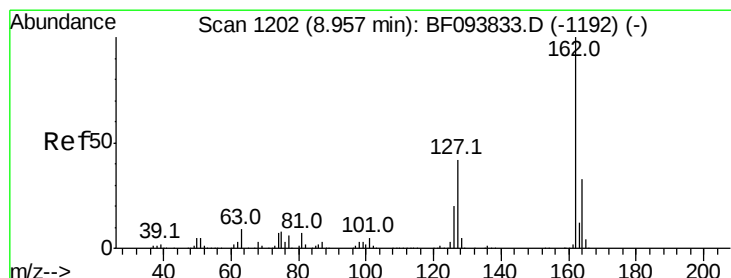
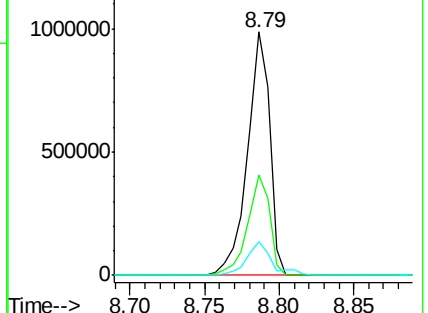
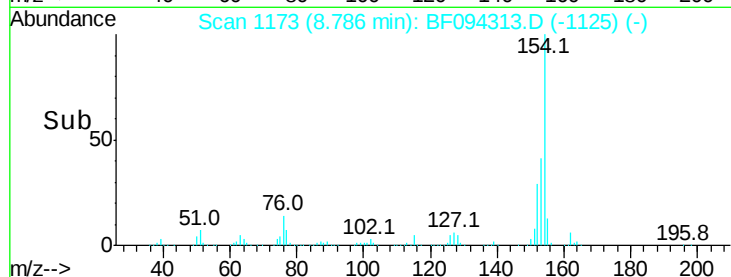
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.08 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

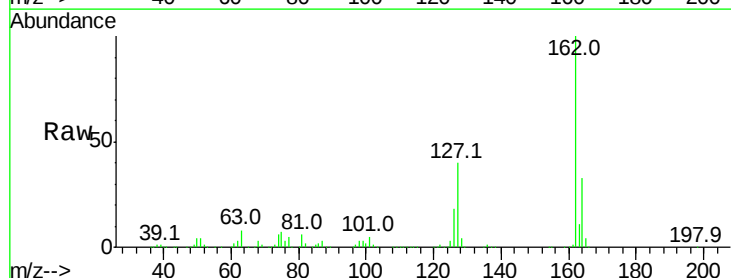
Tgt Ion:162 Resp: 810162

Ion Ratio Lower Upper

162 100

127 39.8 28.3 42.5

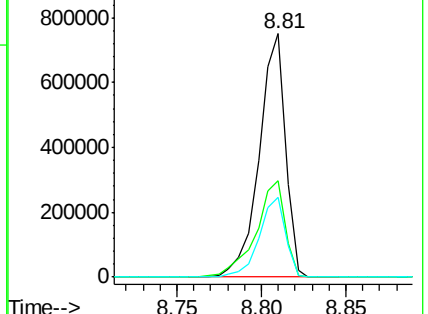
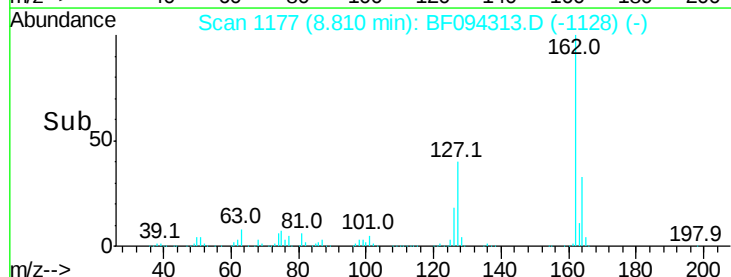
164 32.9 27.0 40.4

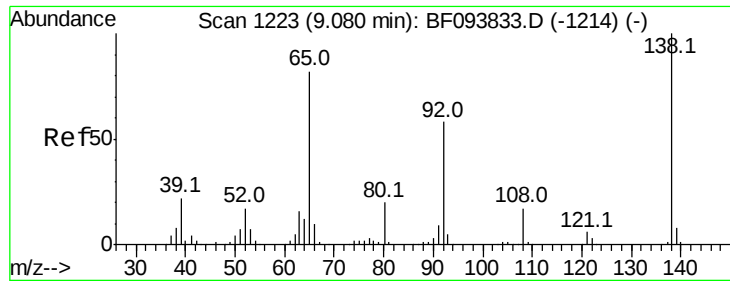


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





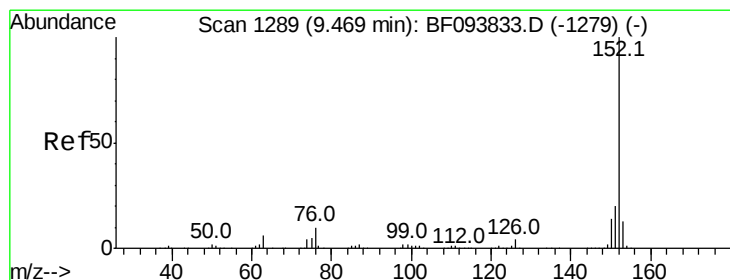
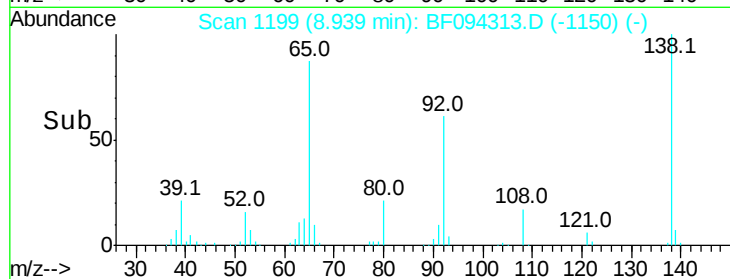
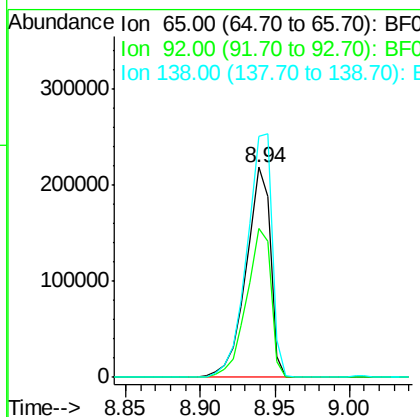
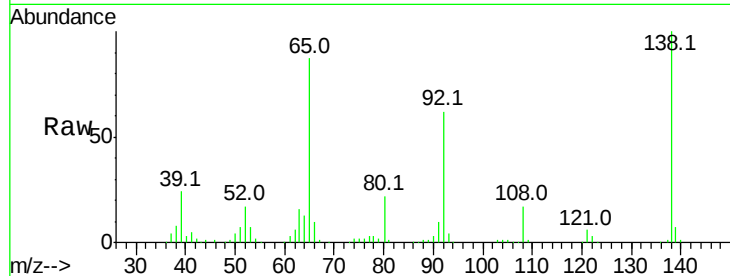
#47
 2-Nitroaniline
 Concen: 44.05 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.9	80.9
138	114.6	78.8	118.2

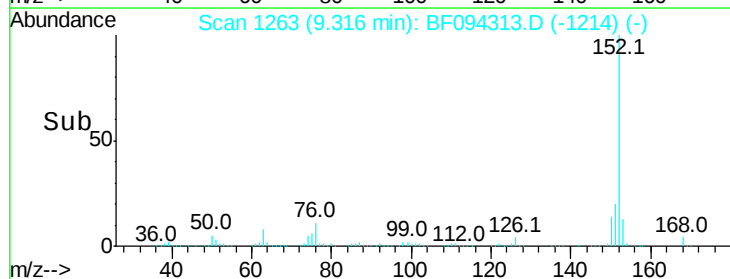
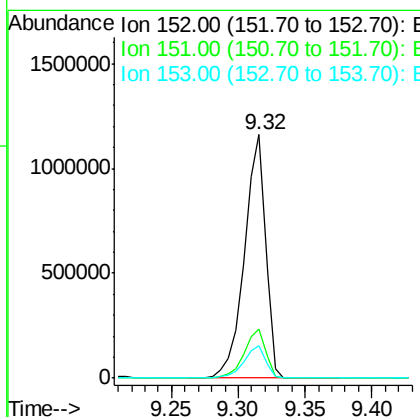
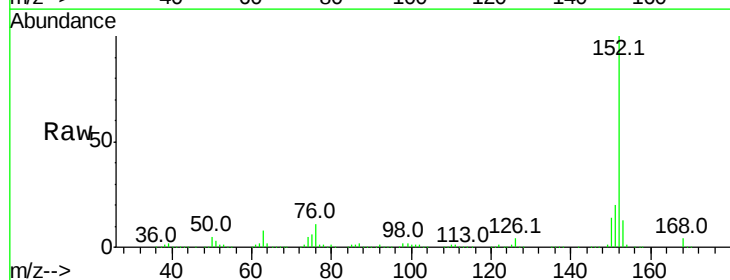
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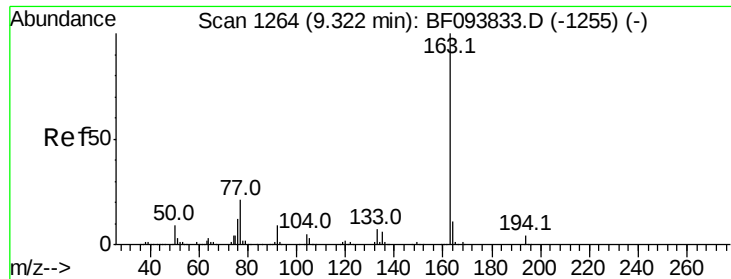
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#48
 Acenaphthylene
 Concen: 40.41 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

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





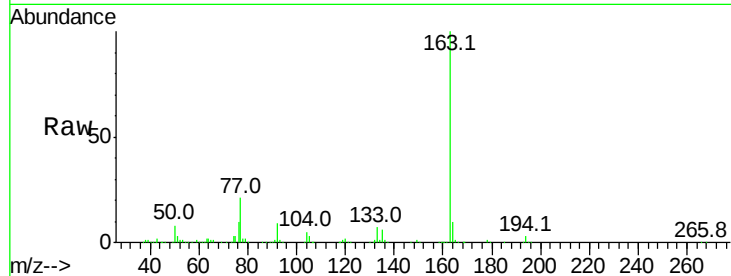
#49
Dimethylphthalate
Concen: 46.09 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

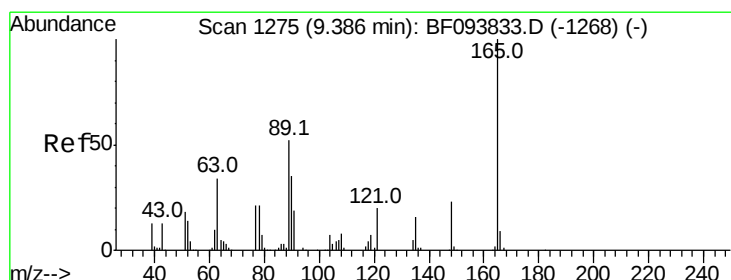
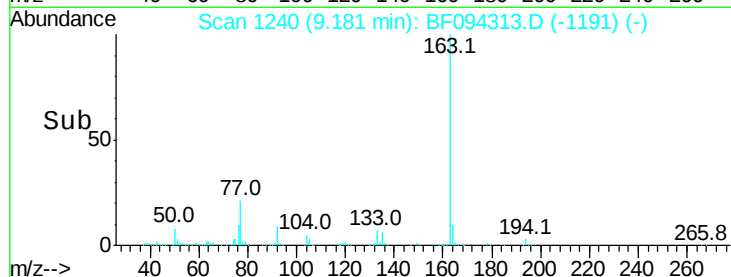
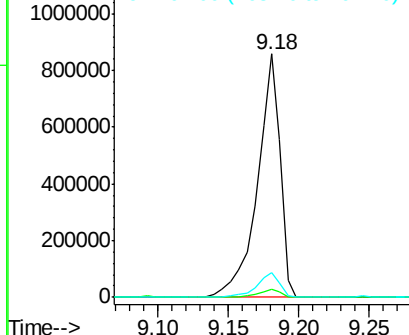
Tot Ion	Ratio	Resp	Lower	Upper
163	100	975830		
194	3.5		2.6	4.0
164	10.1		8.4	12.6

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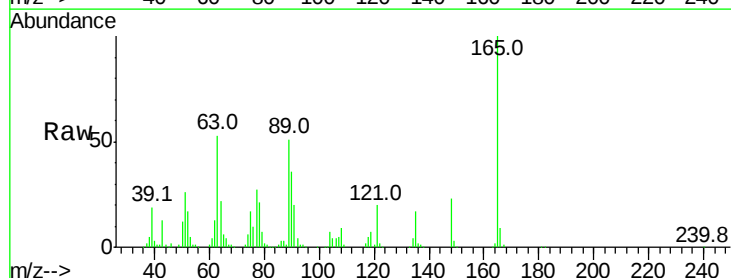


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

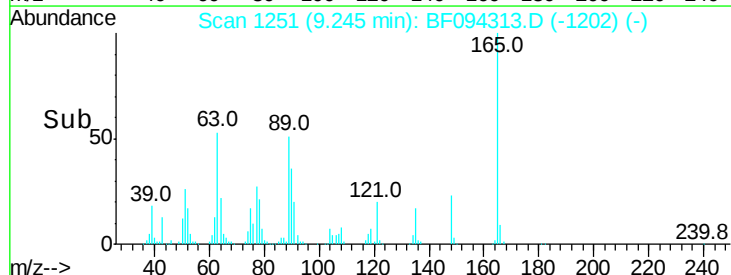
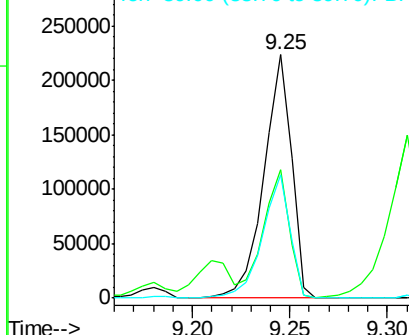


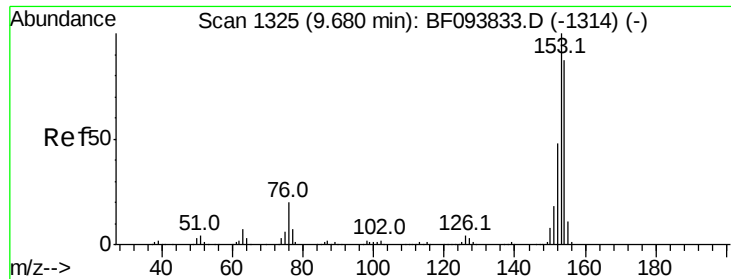
#50
2,6-Dinitrotoluene
Concen: 45.23 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219532		
63	52.6		34.3	51.5#
89	50.9		37.1	55.7



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





#51

Acenaphthene

Concen: 41.59 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

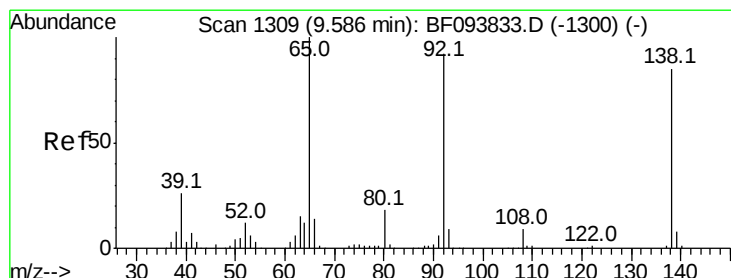
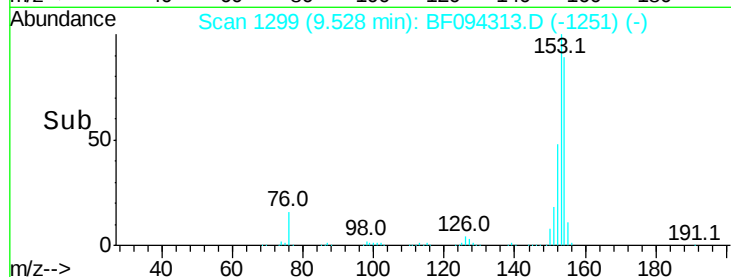
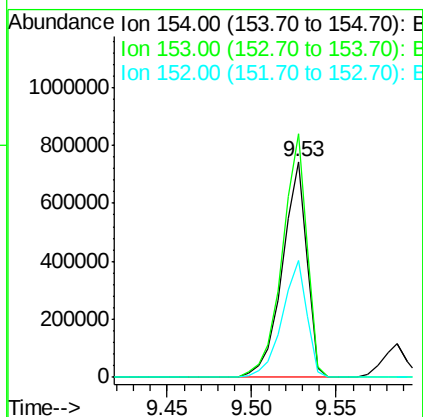
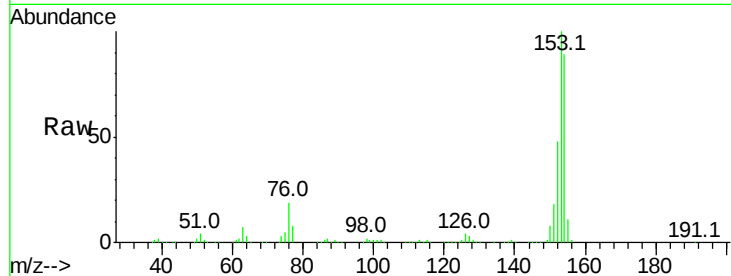
ClientSampleId :

PB98147BS

Tot Ion:	154	Resp:	758497
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	54.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 20.16 ng

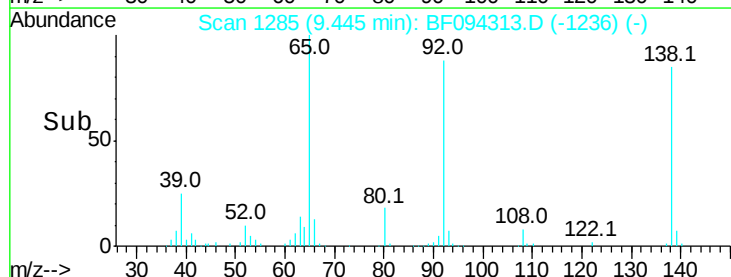
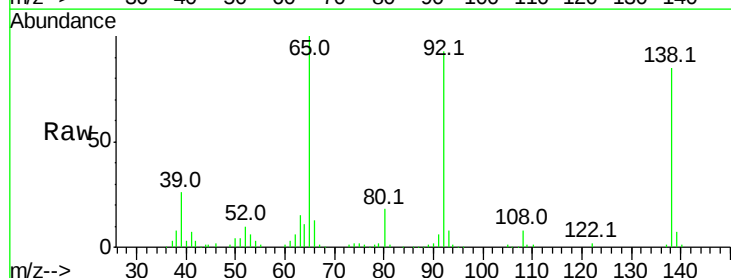
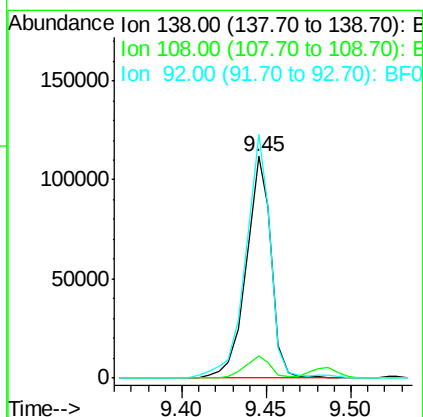
RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	138	Resp:	114878
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	110.0	93.8	140.6





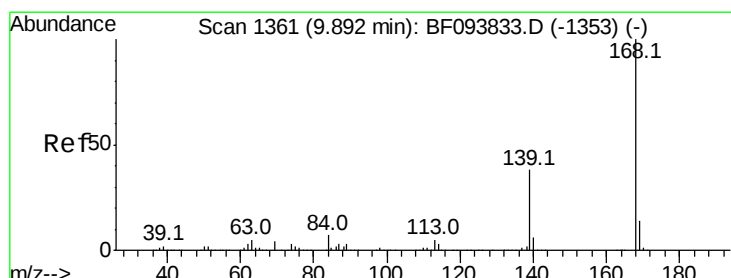
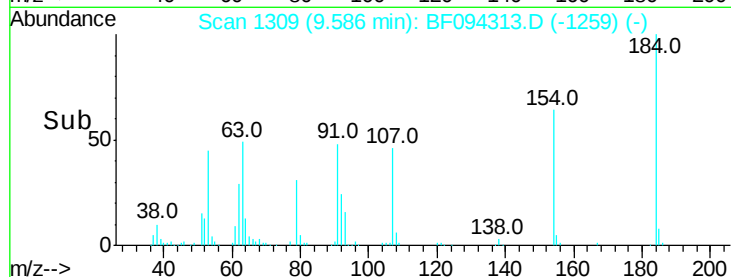
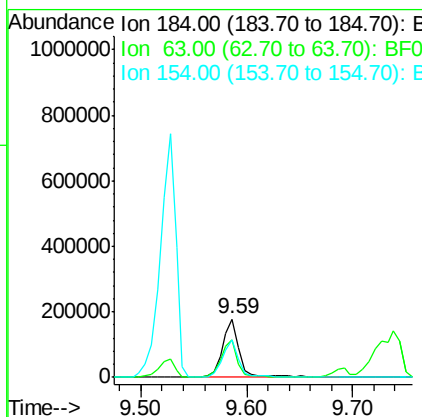
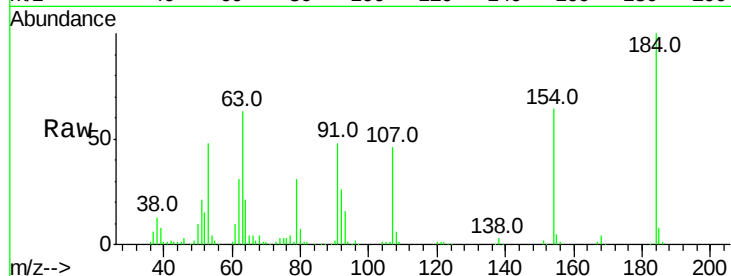
#53
 2,4-Dinitrophenol
 Concen: 77.45 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	200768		
63	63.1		62.7	94.1
154	64.4		81.1	121.7#

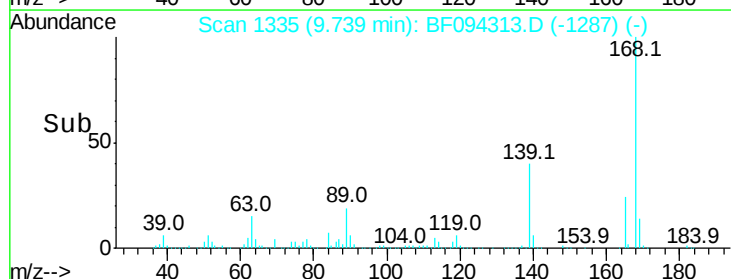
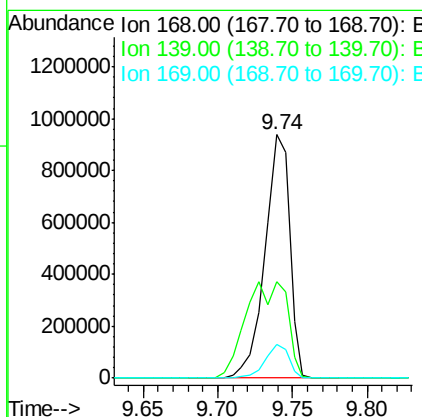
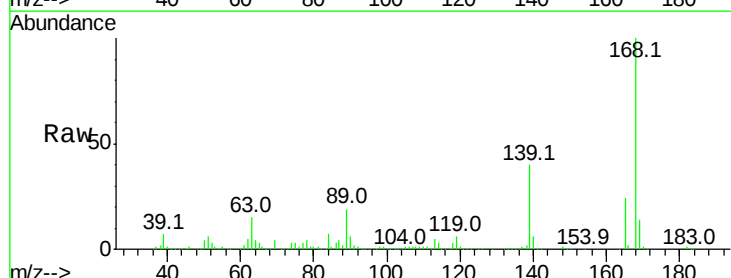
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#54
 Dibenzofuran
 Concen: 43.15 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1071207		
139	39.8		30.6	45.8
169	13.7		10.8	16.2





#55

4-Nitrophenol

Concen: 98.37 ng/mL

RT: 9.73 min Scan# 1333

Delta R.T. 0.04 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion:139 Resp: 439078

Ion Ratio Lower Upper

139 100

109 46.7 34.1 74.1

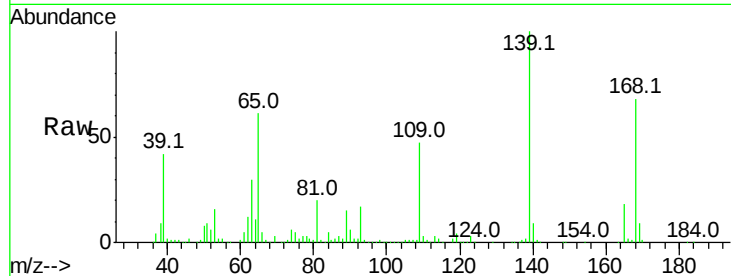
65 60.8 31.4 71.4

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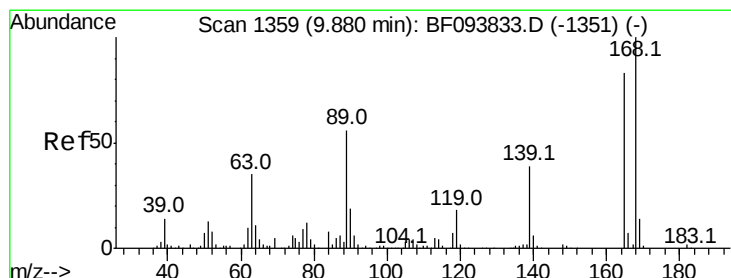
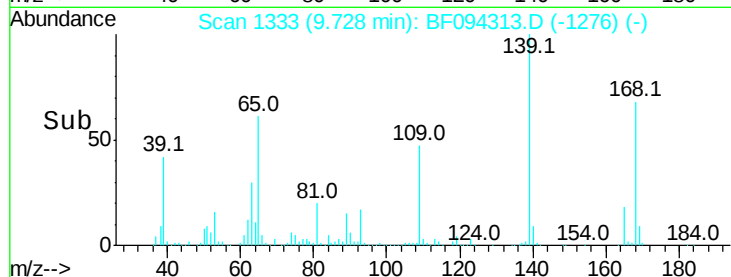
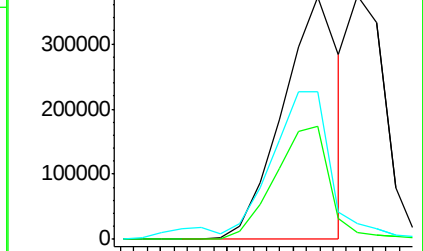
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 42.03 ng/mL

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:165 Resp: 256256

Ion Ratio Lower Upper

165 100

63 62.5 25.4 38.0#

89 79.9 46.4 69.6#

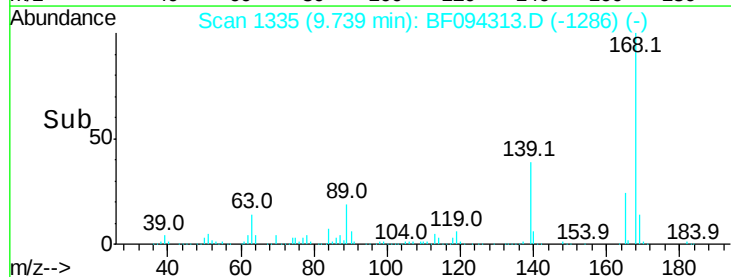
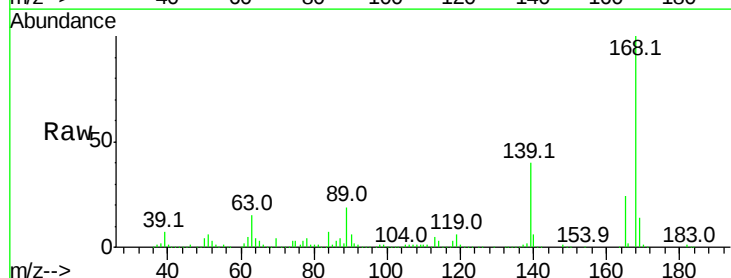
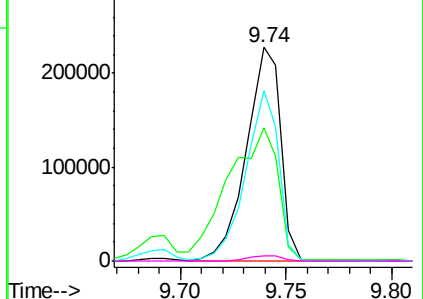
182 2.6 1.8 2.6#

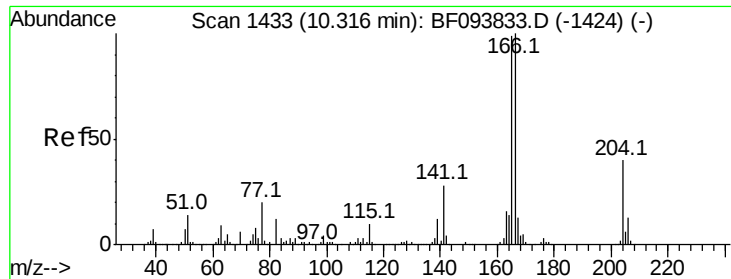
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





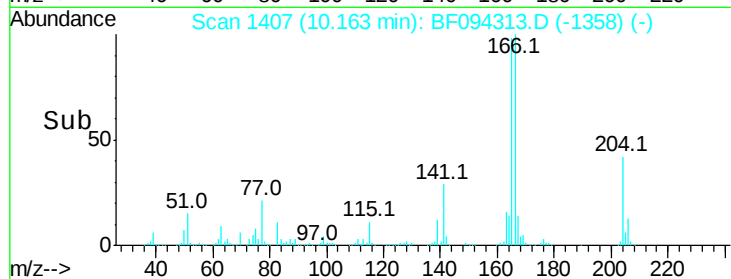
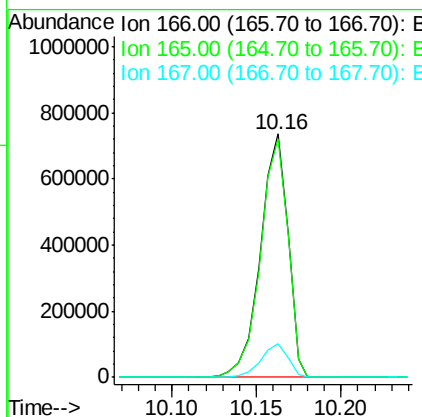
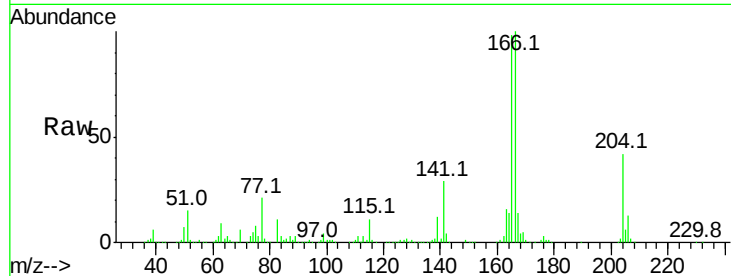
#57
 Fluorene
 Concen: 40.20 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	827579		
165	98.1		78.8	118.2
167	13.9		10.6	16.0

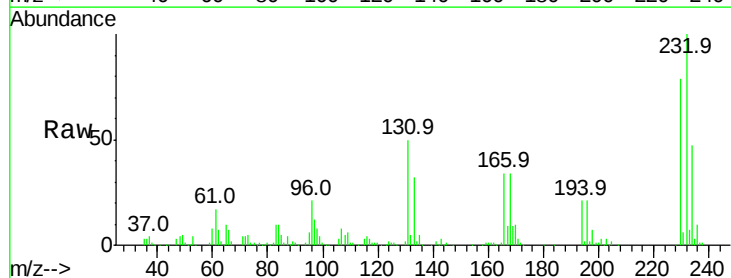
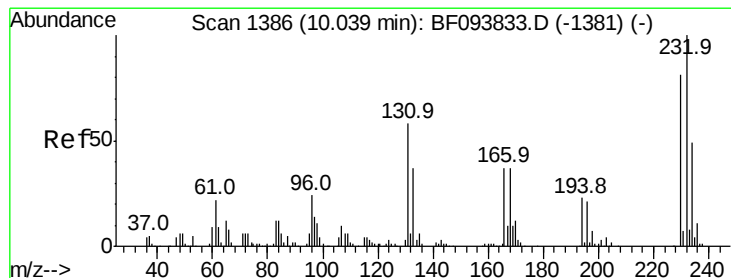
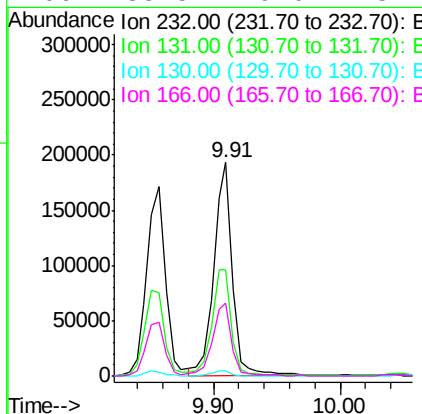
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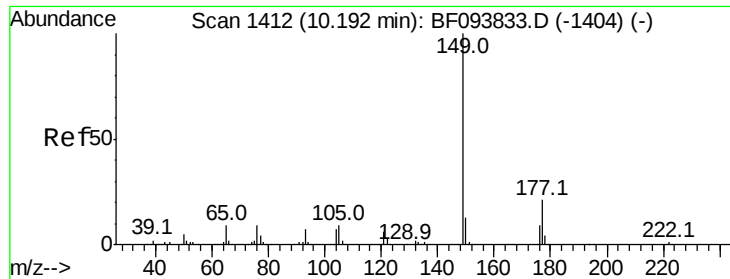
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.15 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197515		
131	55.6		44.8	67.2
130	2.4		2.3	3.5
166	35.5		29.0	43.4





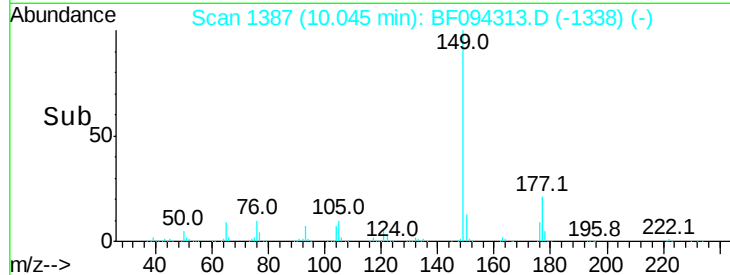
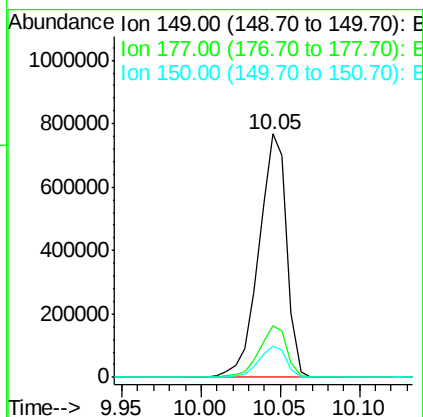
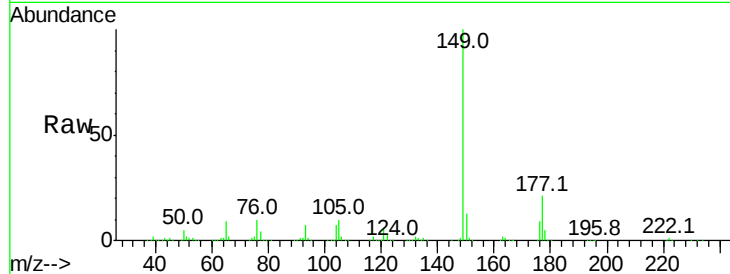
#59
Diethylphthalate
Concen: 44.80 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleID :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	937639		
177	21.3	16.7	25.1	
150	12.6	10.2	15.2	

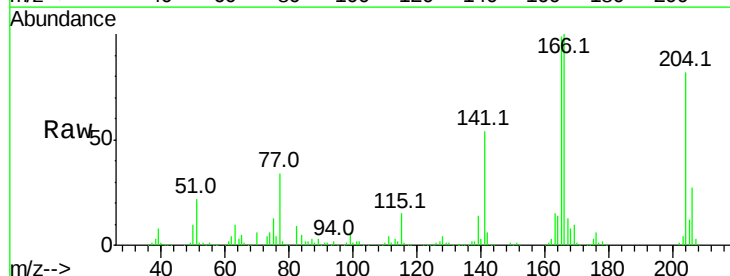
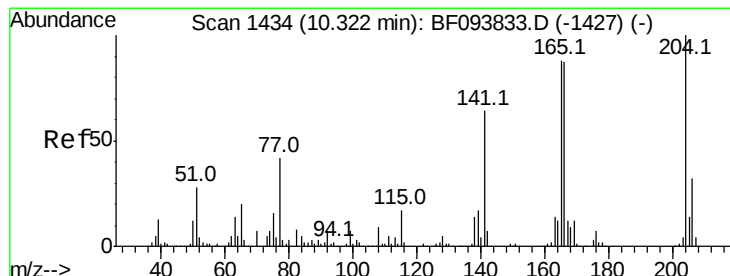
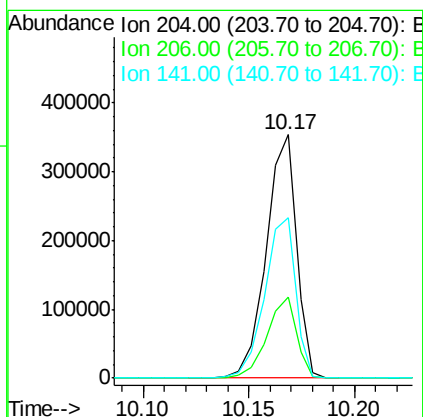
Manual Integrations
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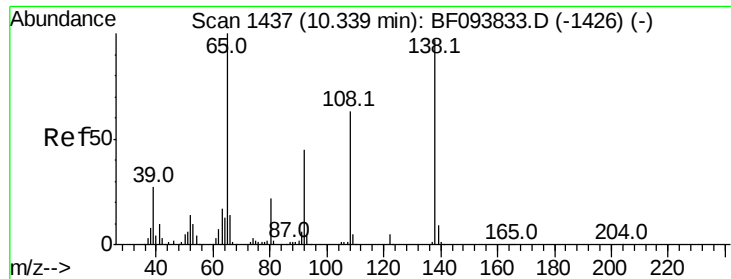
mohammad
4/11/2017 12:53:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.28 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	353311		
206	33.4	26.2	39.2	
141	65.6	60.8	91.2	





#61

4-Nitroaniline

Concen: 41.54 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

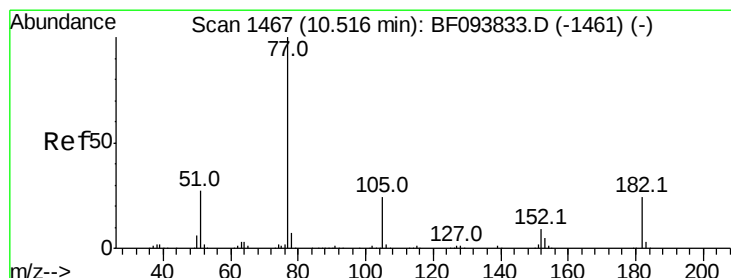
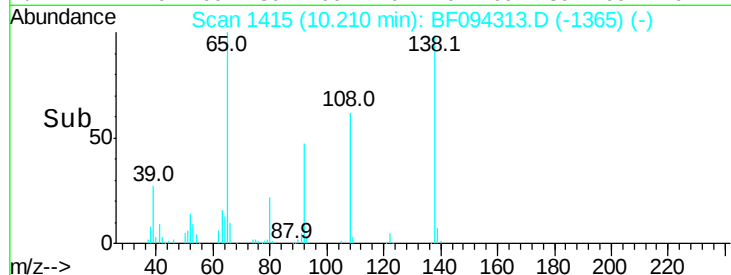
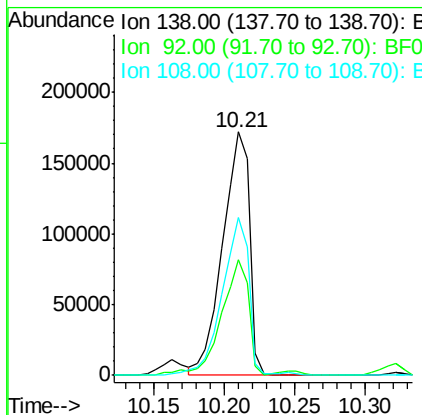
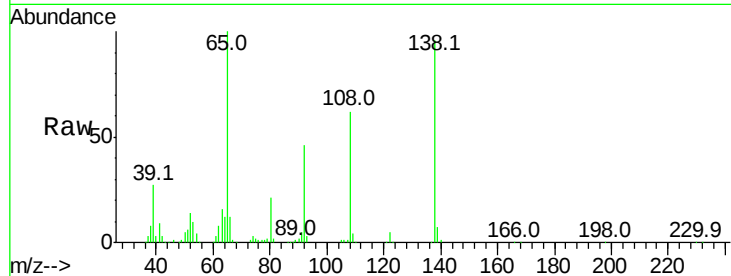
ClientSampleId :

PB98147BS

Tot Ion:	138	Resp:	227201
Ion Ratio	Lower	Upper	
138	100		
92	47.6	21.8	61.8
108	64.7	42.3	82.3

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#62

Azobenzene

Concen: 45.57 ng

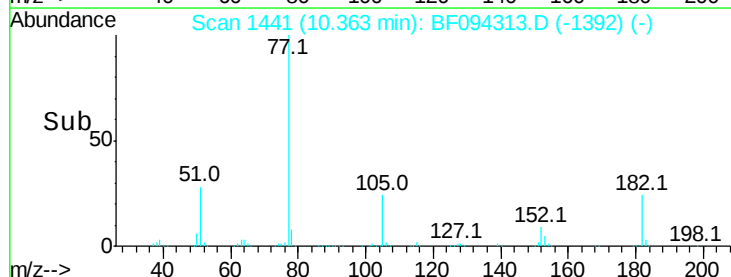
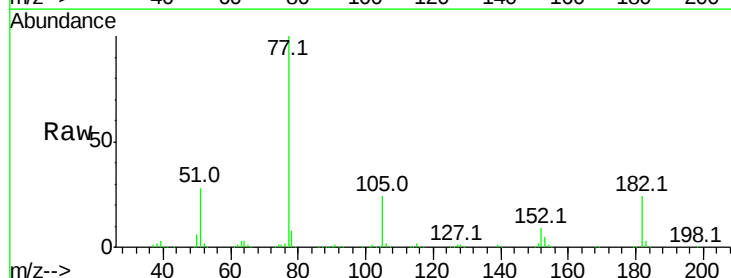
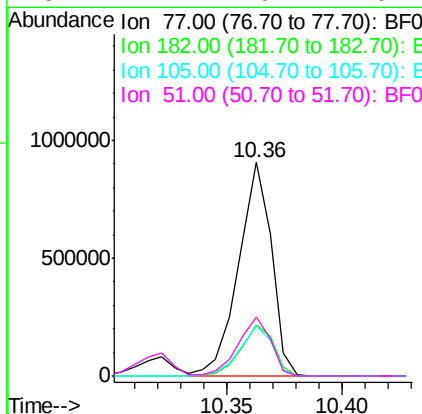
RT: 10.36 min Scan# 1441

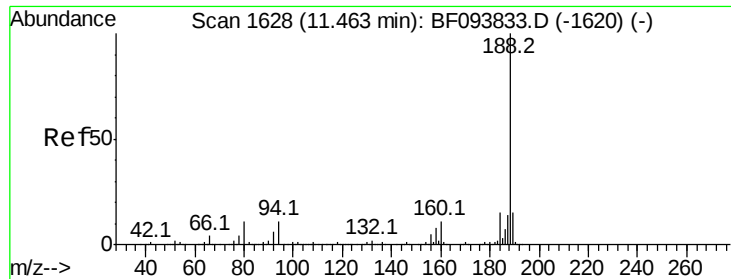
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	77	Resp:	902141
Ion Ratio	Lower	Upper	
77	100		
182	23.8	0.1	40.1
105	23.6	3.6	43.6
51	27.7	9.4	49.4





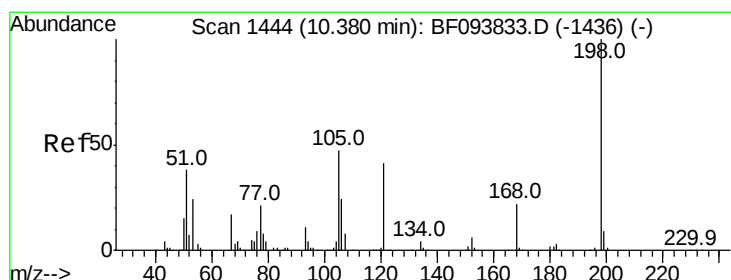
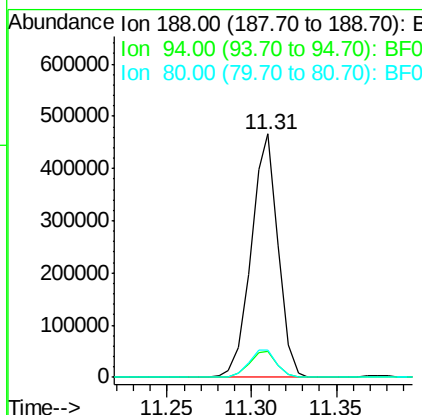
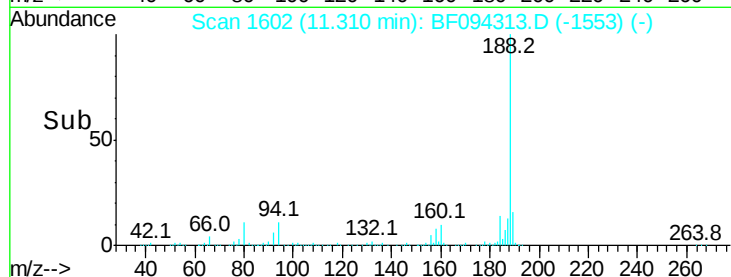
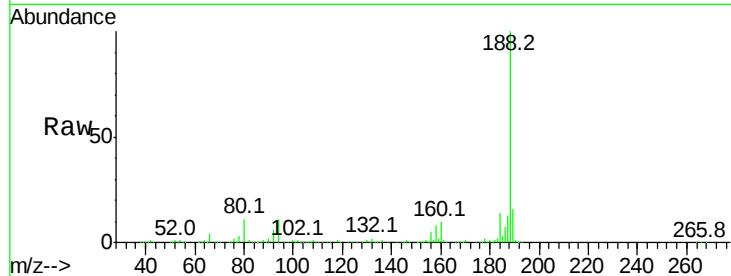
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	11.0	10.2	15.2	

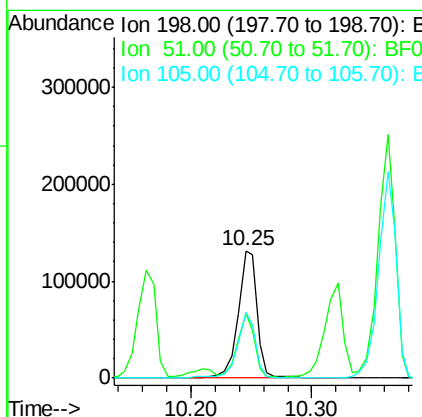
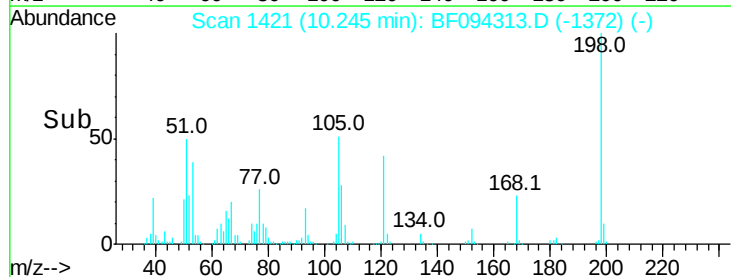
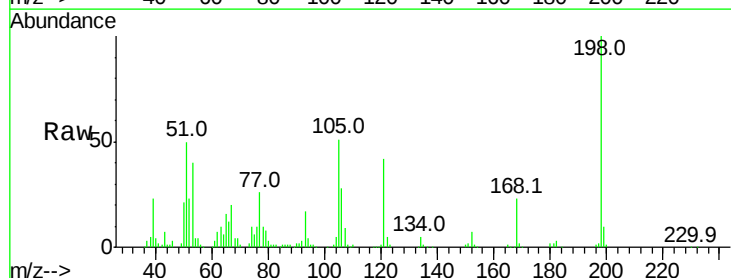
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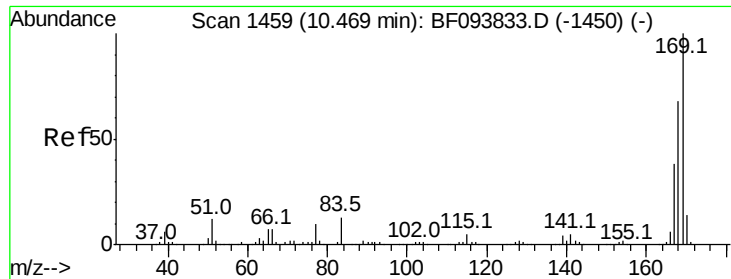
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.70 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.3	53.2	93.2#	
105	51.3	45.8	85.8	





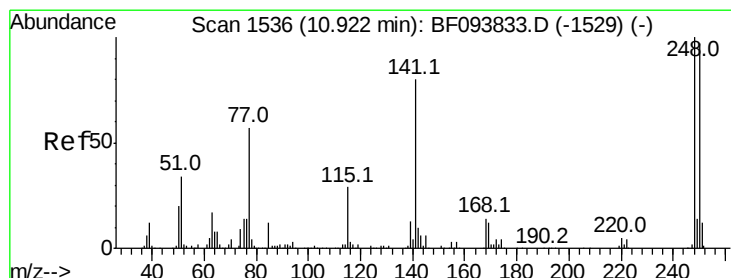
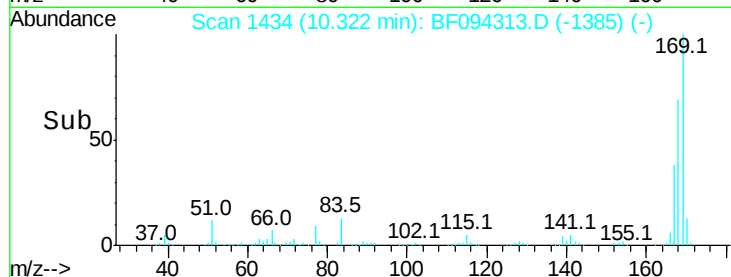
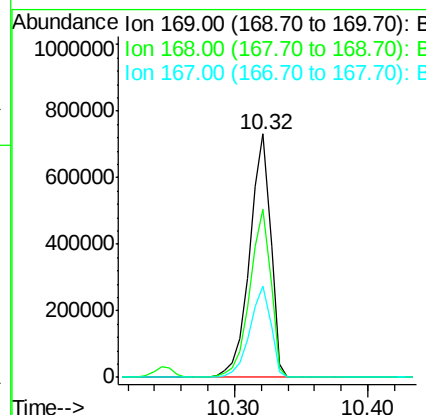
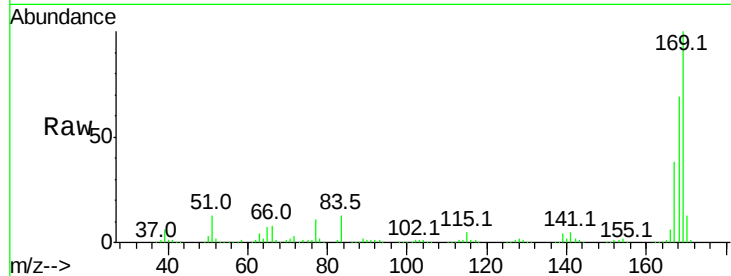
#65
 n-Nitrosodiphenylamine
 Concen: 44.17 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	787917		
168	68.9	53.2	79.8	
167	37.5	29.5	44.3	

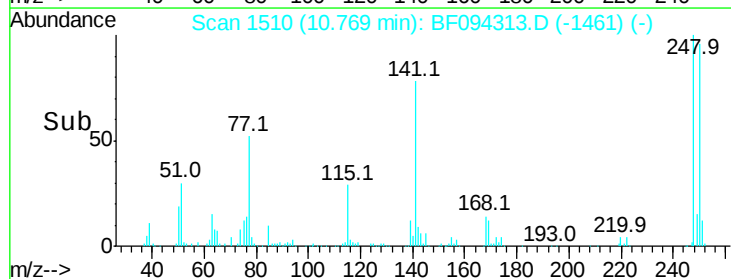
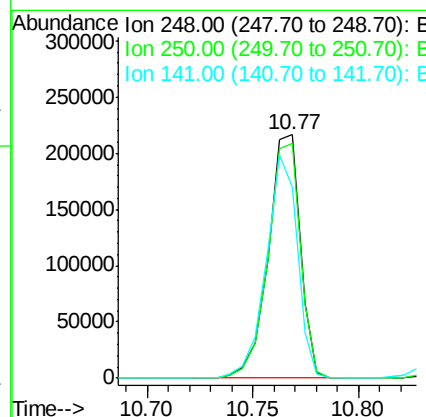
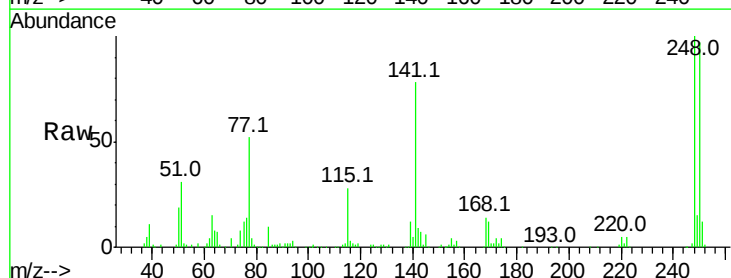
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#66
 4-Bromophenyl-phenylether
 Concen: 45.20 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	229310		
250	96.6	76.8	115.2	
141	78.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 45.51 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion:284 Resp: 233712
Ion Ratio Lower Upper

284 100

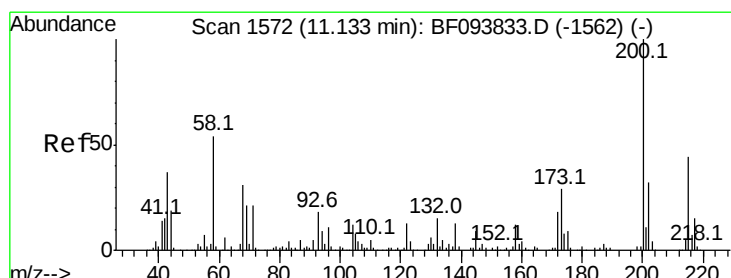
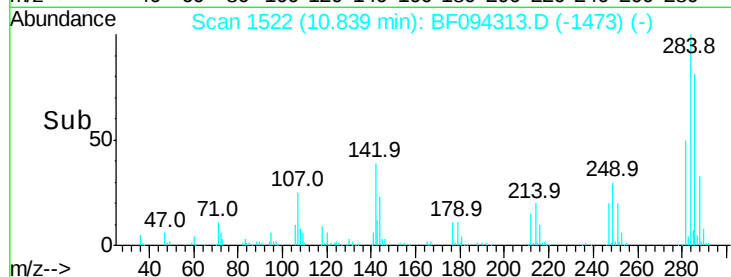
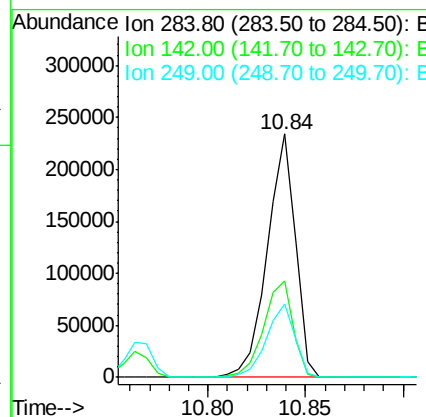
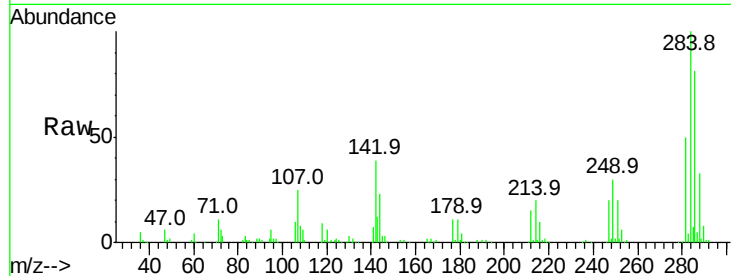
142 39.4 22.8 34.2#

249 29.9 24.0 36.0

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#68

Atrazine

Concen: 42.19 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF094313.D

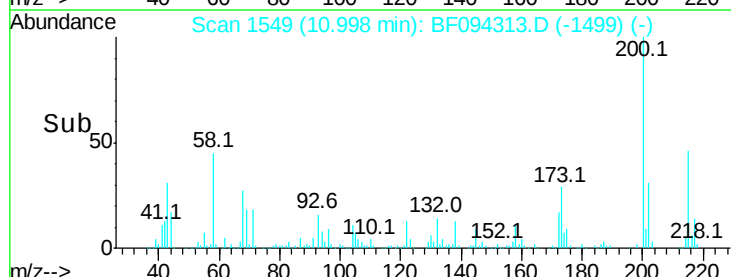
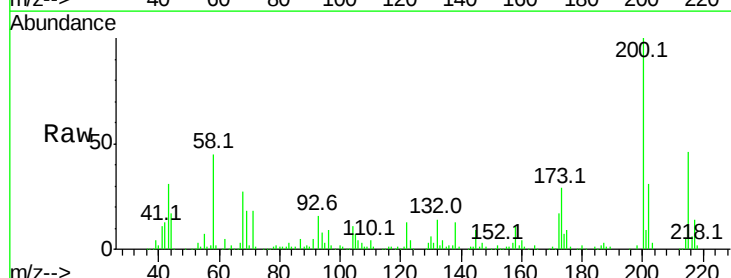
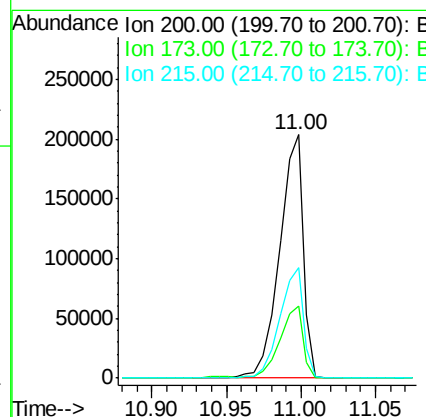
Acq: 10 Apr 2017 16:10

Tgt Ion:200 Resp: 225409
Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

215 45.5 27.2 67.2





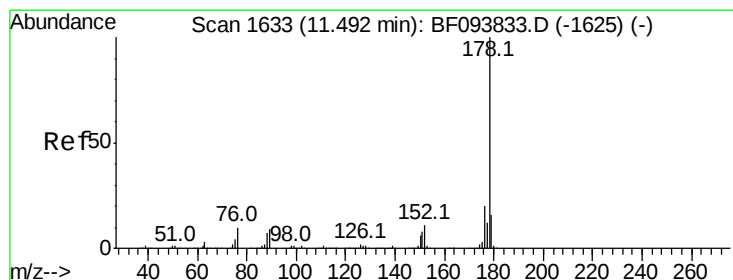
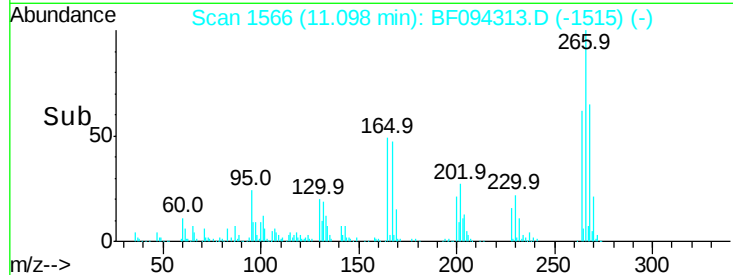
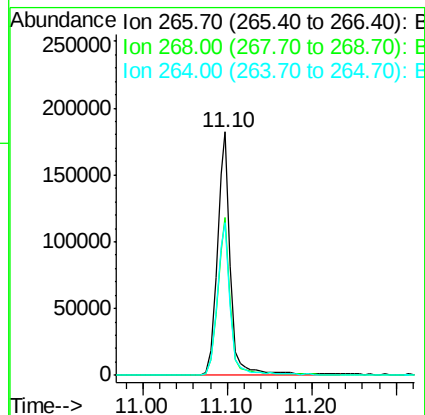
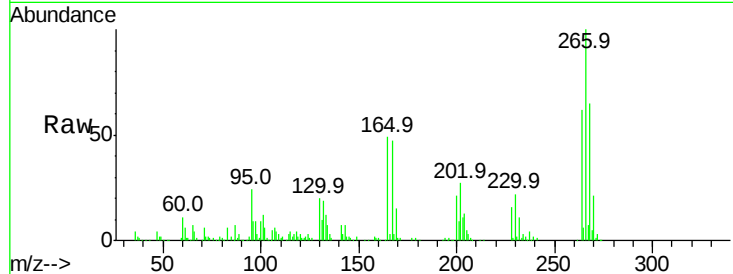
#69
 Pentachlorophenol
 Concen: 63.86 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion:	266	Resp:	204129
Ion Ratio		Lower	Upper
266	100		
268	64.6	51.1	76.7
264	62.5	51.7	77.5

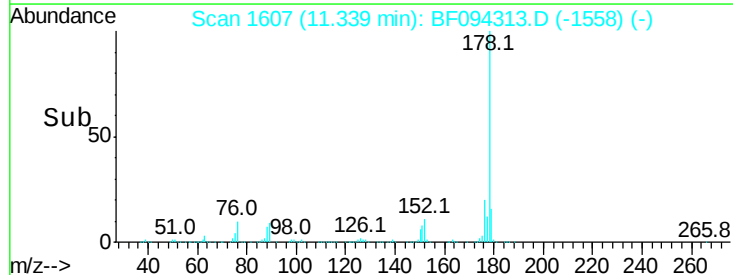
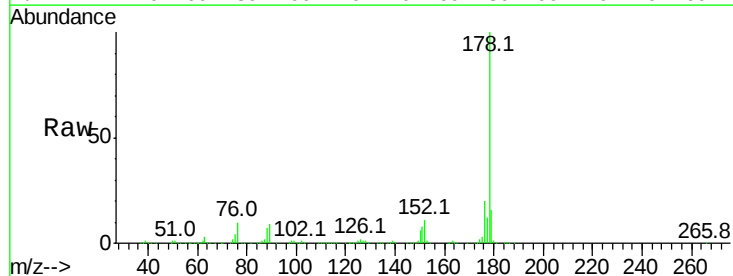
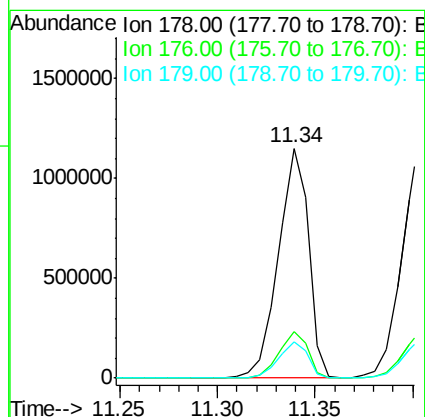
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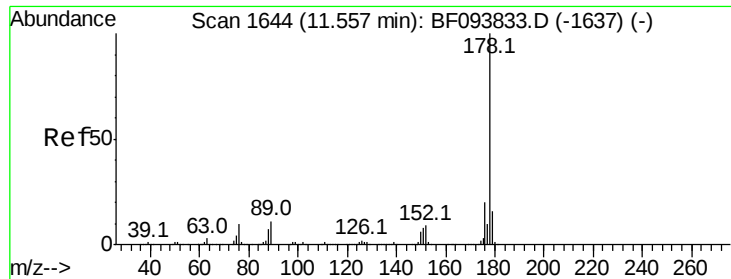
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#70
 Phenanthrene
 Concen: 42.90 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:	178	Resp:	1230992
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.8	12.6	19.0





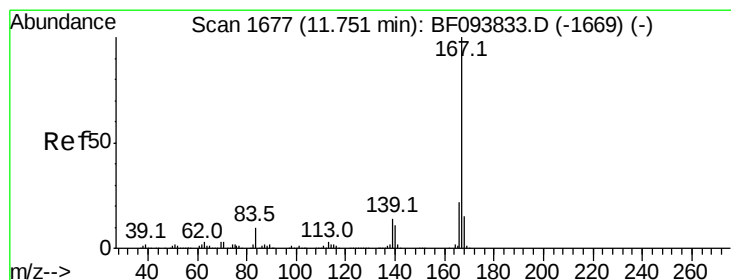
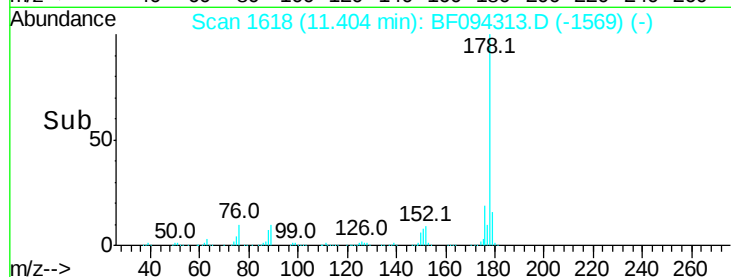
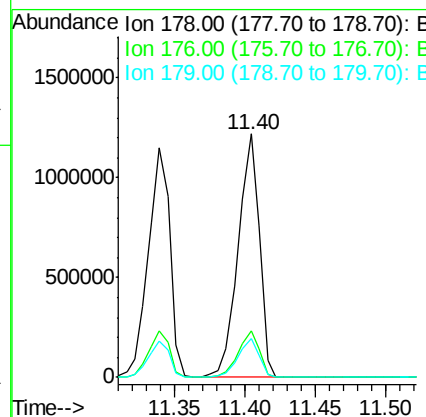
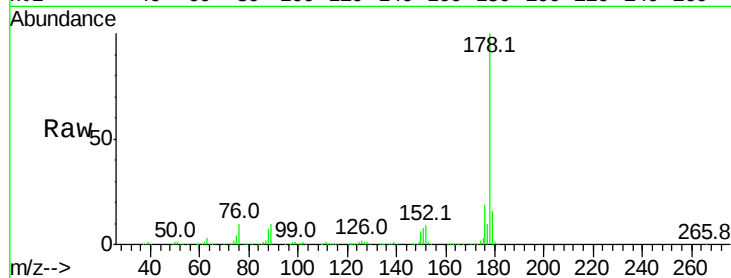
#71
 Anthracene
 Concen: 43.21 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion:178 Resp: 1276727
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1

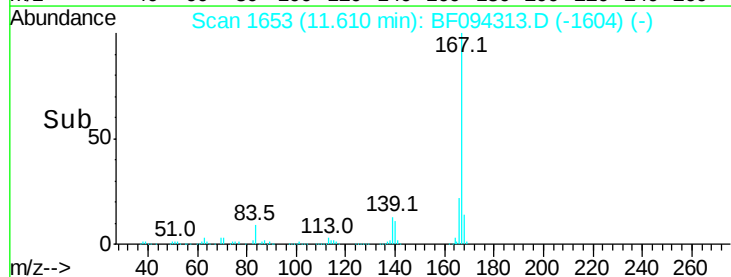
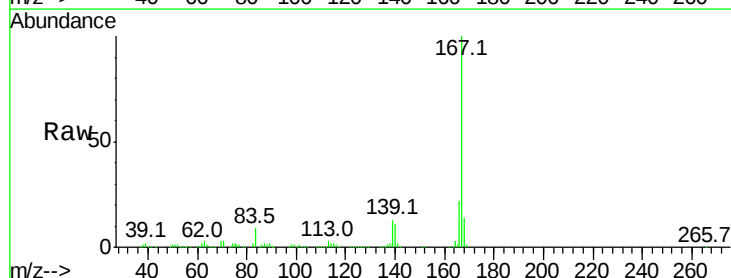
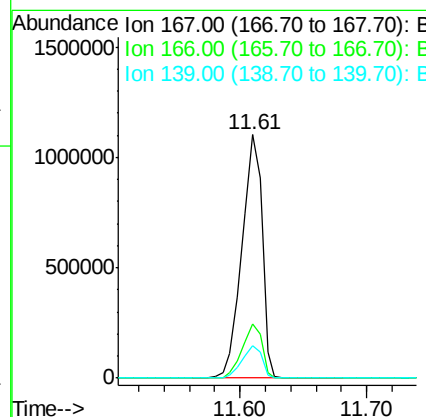
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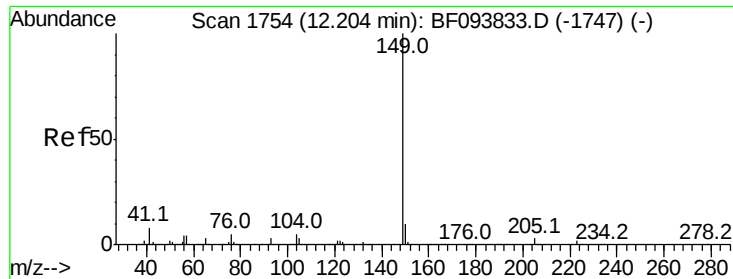
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#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion:167 Resp: 1198877
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.89 ng

RT: 12.06 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB98147BS

Tot Ion:149 Resp: 1445797

Ion Ratio Lower Upper

149 100

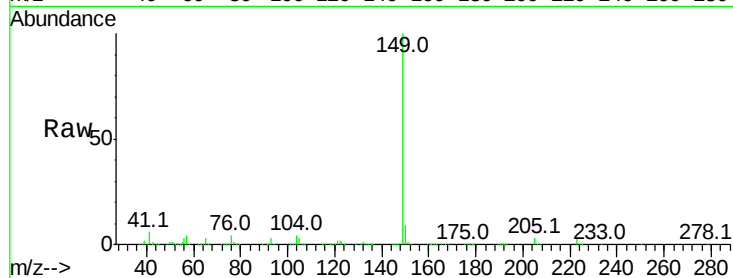
150 9.0 7.7 11.5

104 4.4 4.0 6.0

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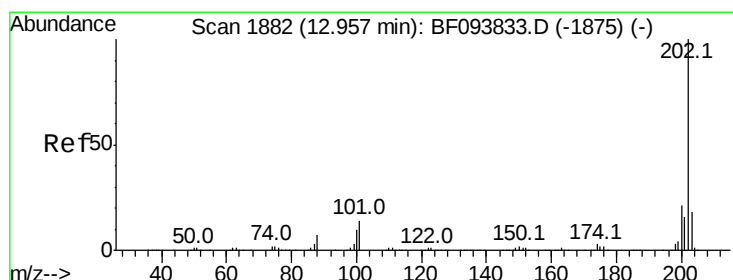
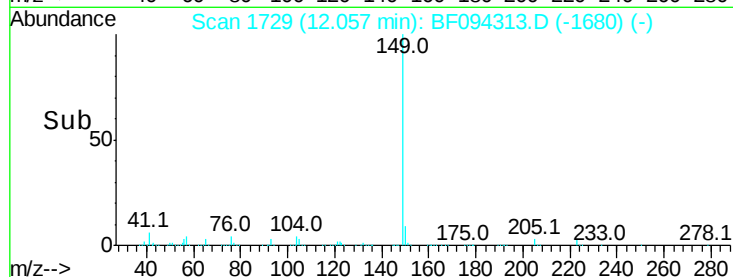
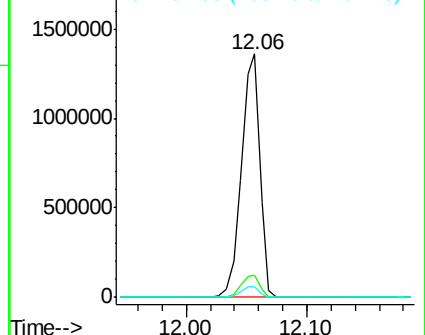
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.88 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

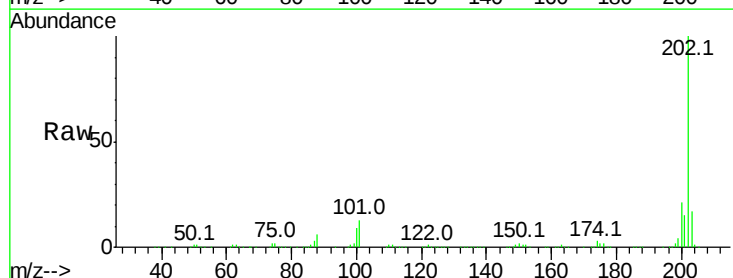
Tgt Ion:202 Resp: 1259895

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

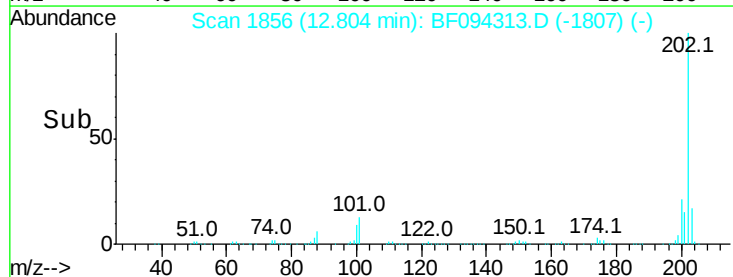
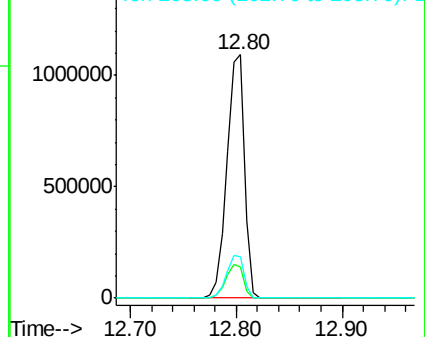
203 17.1 0.0 38.1

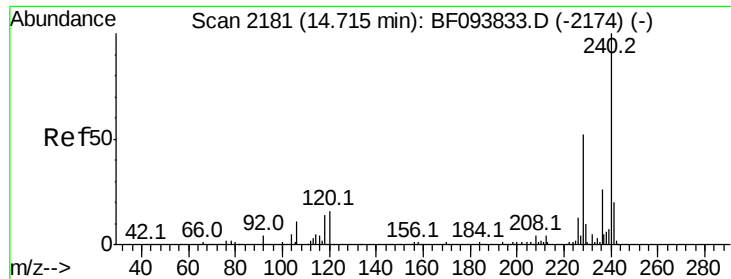


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

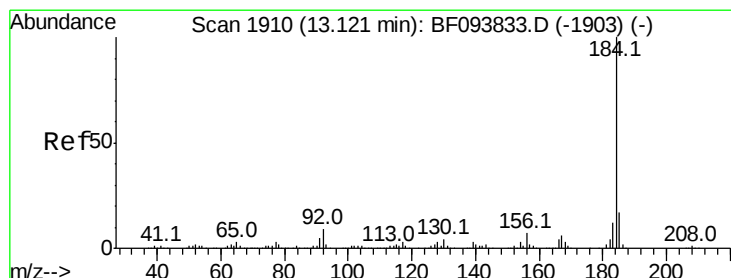
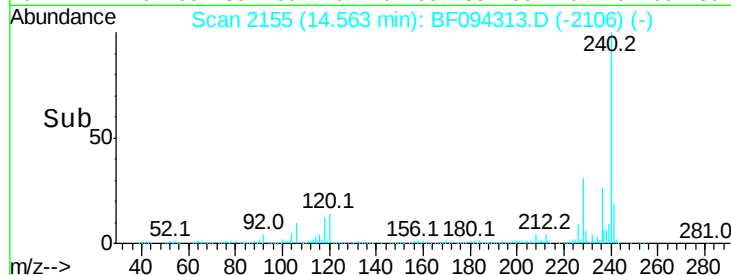
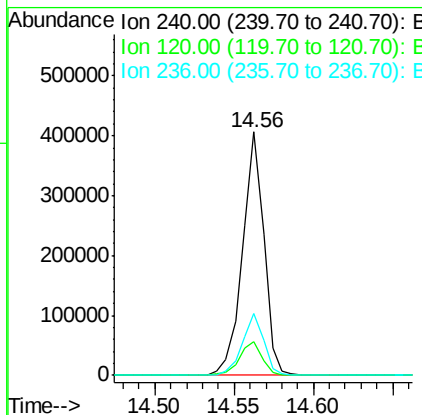
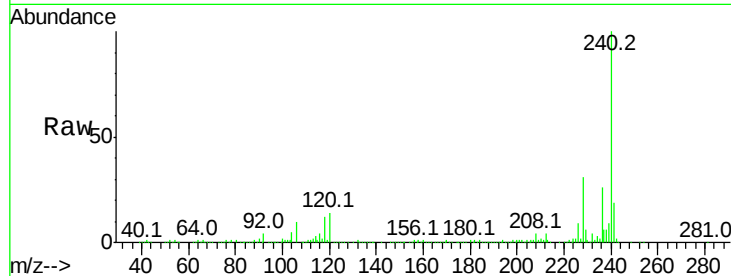
ClientSampleId :

PB98147BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.7	20.5	30.7

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#76

Benzidine

Concen: 27.25 ng

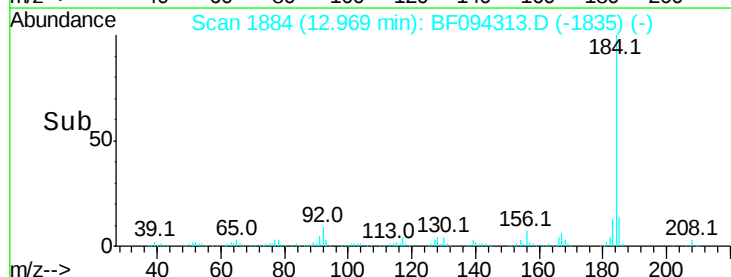
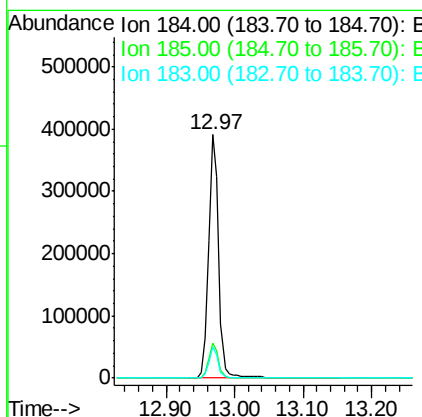
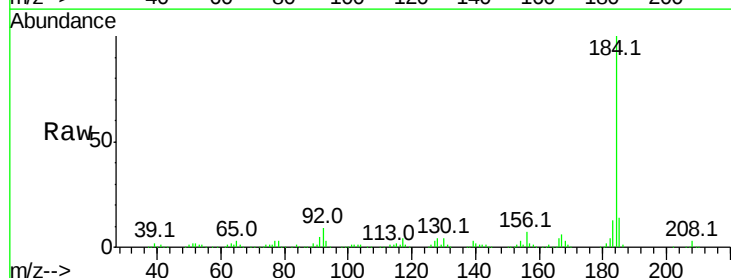
RT: 12.97 min Scan# 1884

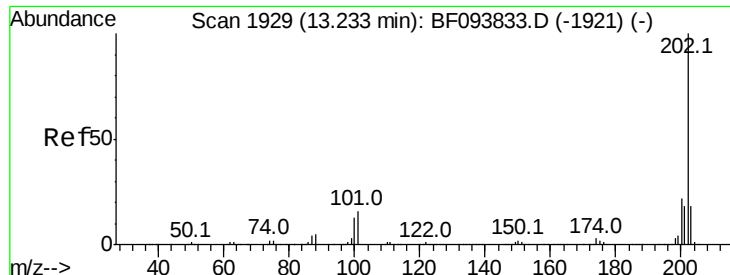
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.7	9.8	14.6





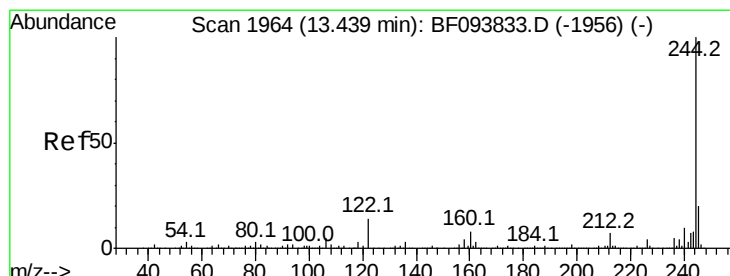
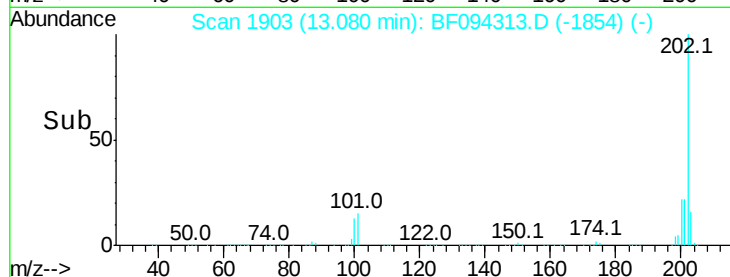
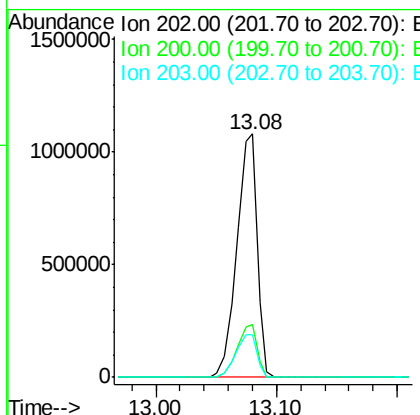
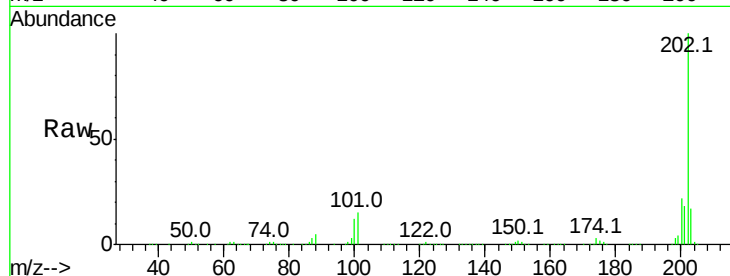
#77
Pvrene
Concen: 46.13 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

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

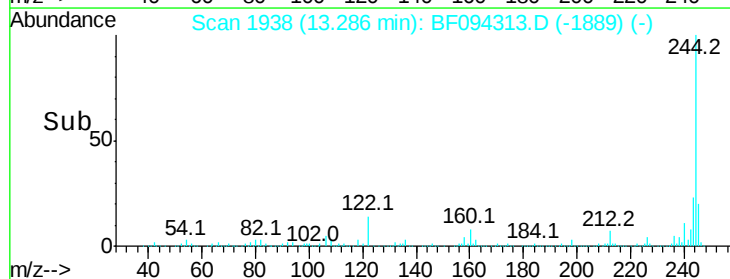
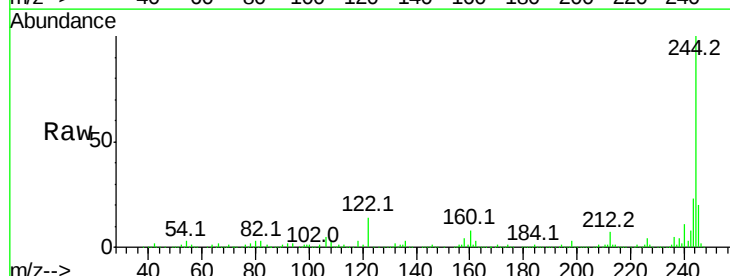
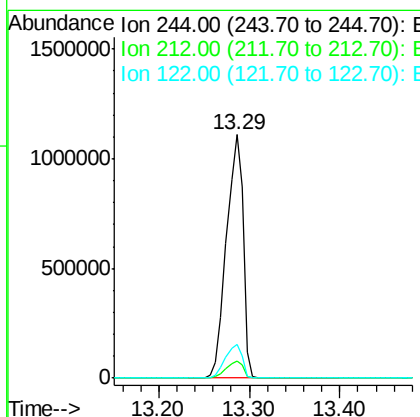
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#78
Terphenyl-d14
Concen: 83.41 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





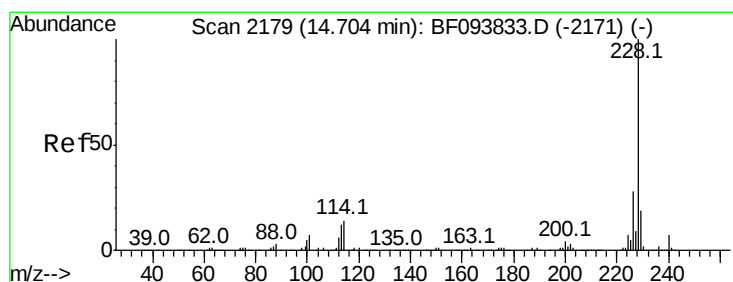
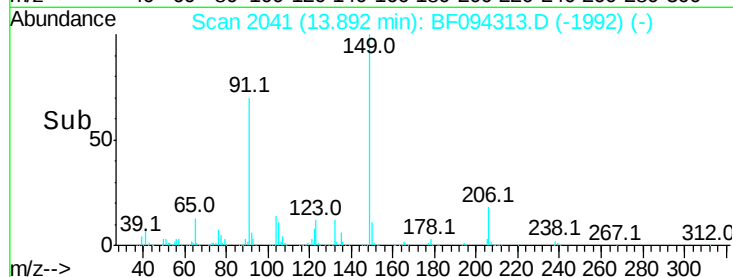
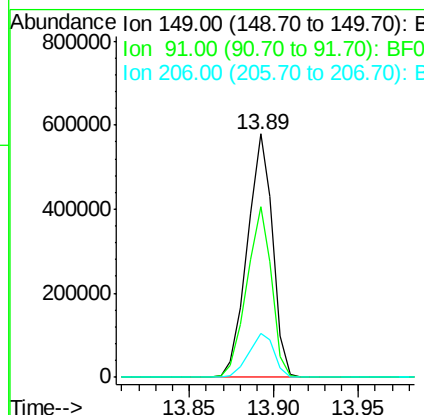
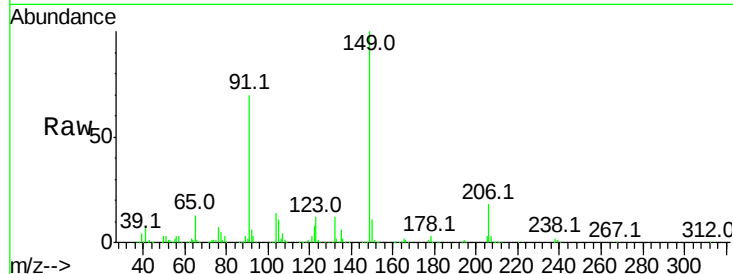
#79
Butylbenzylphthalate
Concen: 51.52 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	605209		
91	70.0	45.0	67.4#	
206	18.0	17.0	25.6	

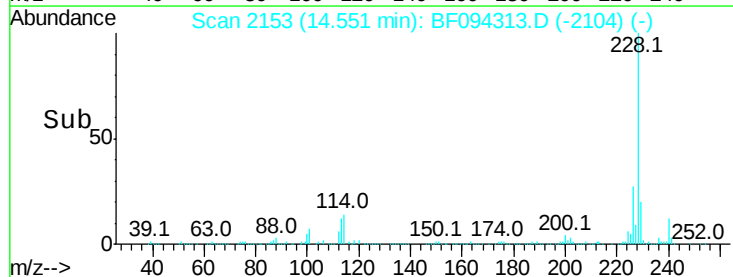
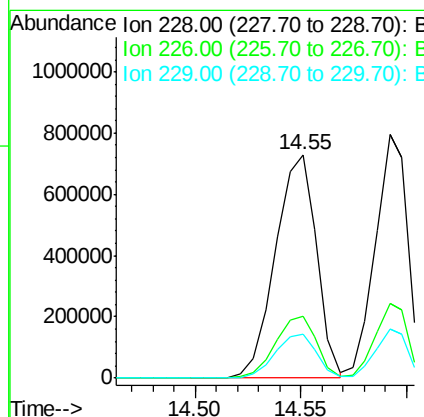
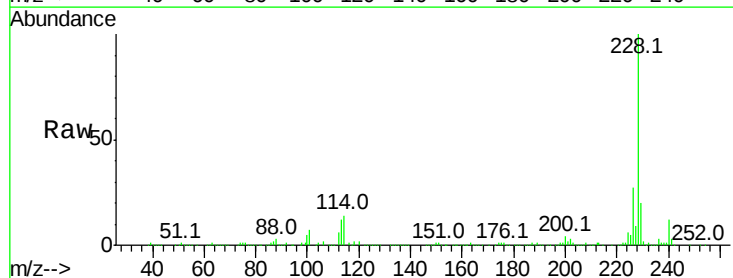
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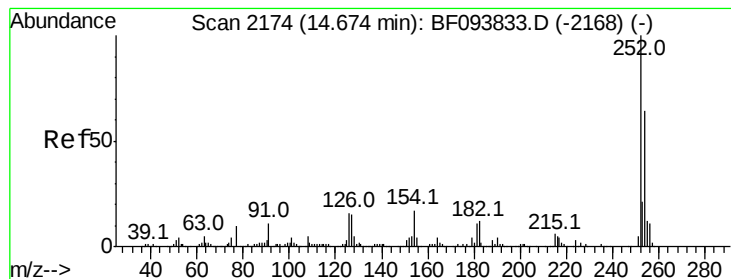
mohammad
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#80
Benzo(a)anthracene
Concen: 44.50 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	985756		
226	27.4	22.6	33.8	
229	19.8	16.3	24.5	





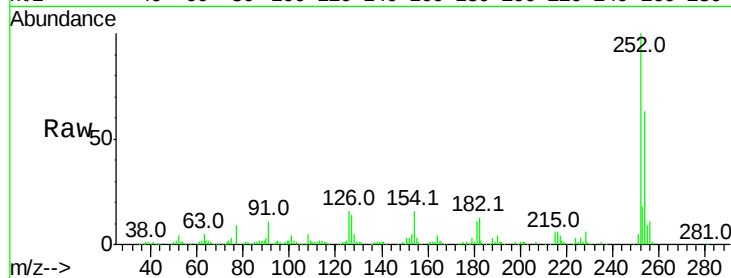
#81
 3,3'-Dichlorobenzidine
 Concen: 26.09 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

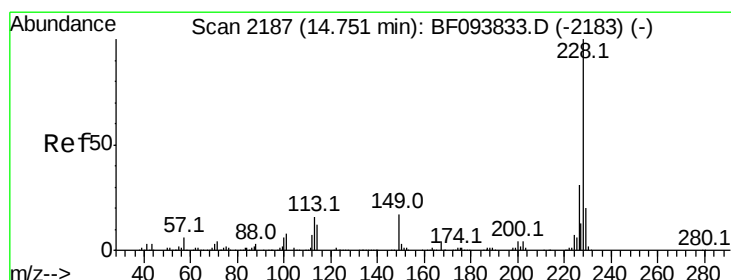
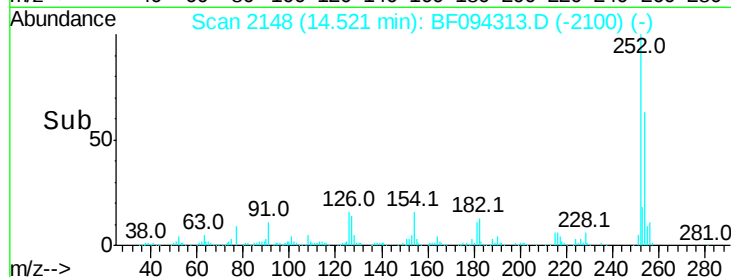
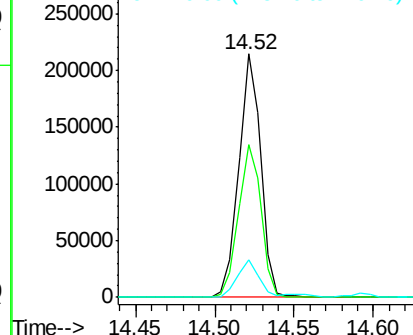
Tot Ion	Ratio	Resp	Lower	Upper
252	100	206632		
254	62.6	51.5	77.3	
126	15.6	15.8	23.8	

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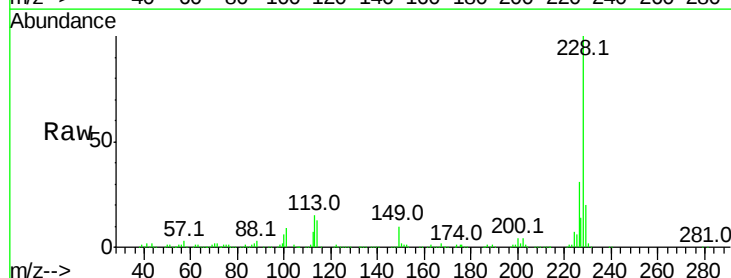


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

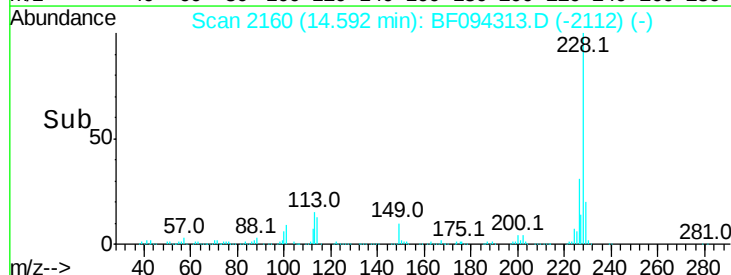
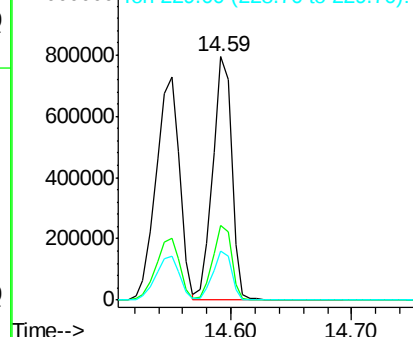


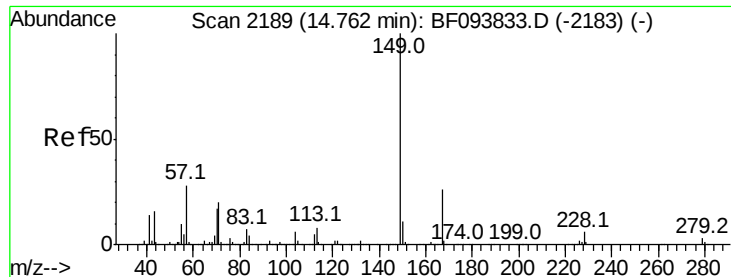
#82
 Chrysene
 Concen: 41.81 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	859583		
226	30.8	24.9	37.3	
229	20.0	15.8	23.6	



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





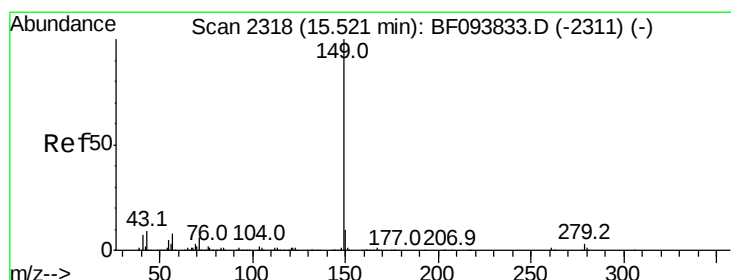
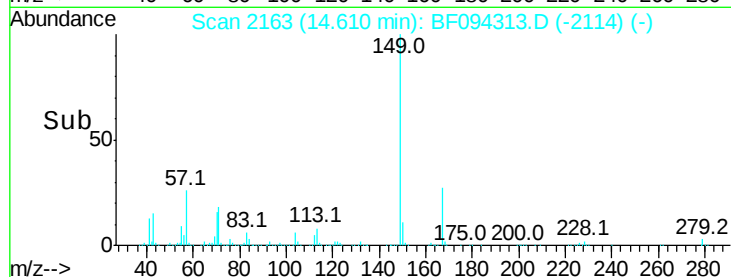
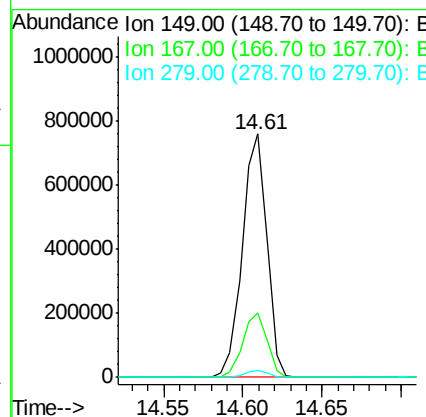
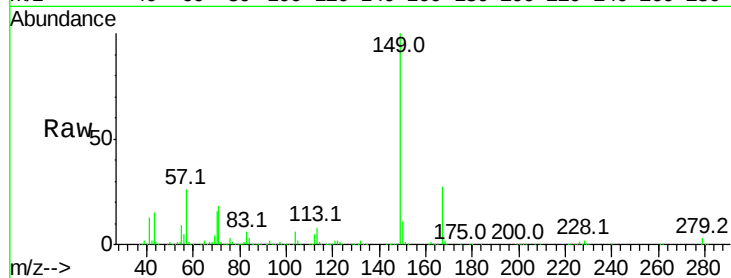
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.49 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.1	1.9	2.9

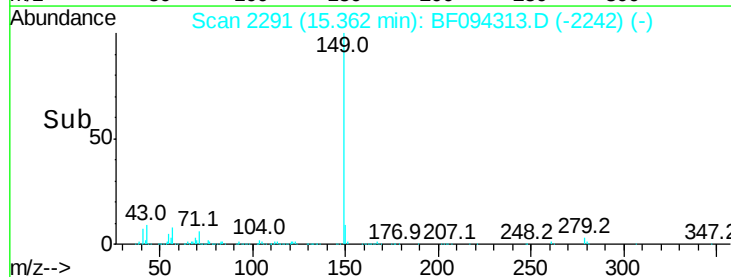
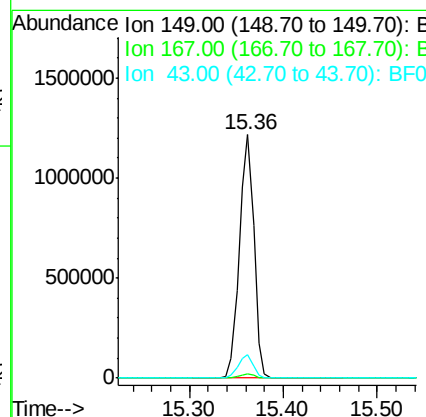
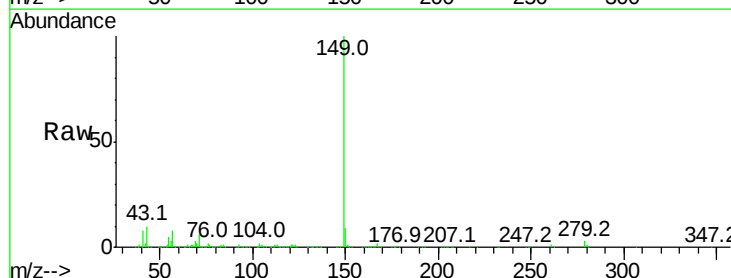
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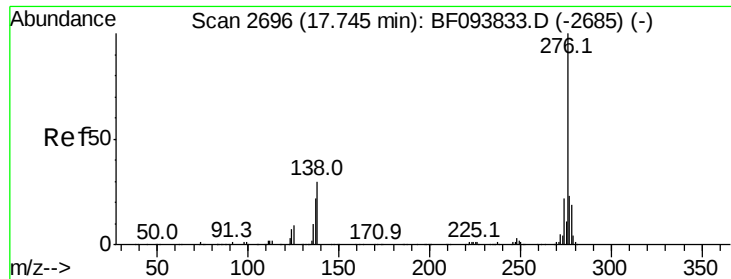
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#84
 Di-n-octyl phthalate
 Concen: 48.71 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.5	12.7





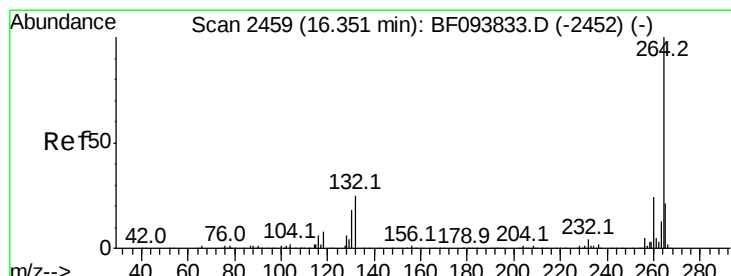
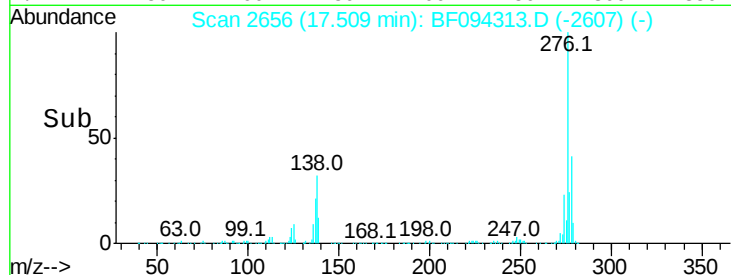
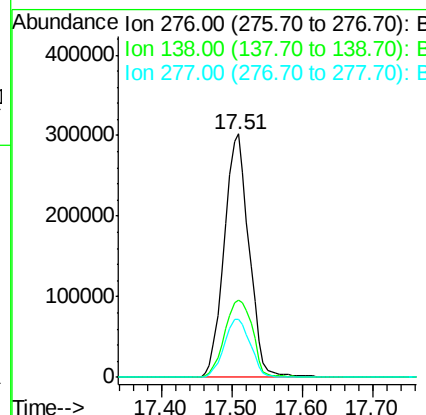
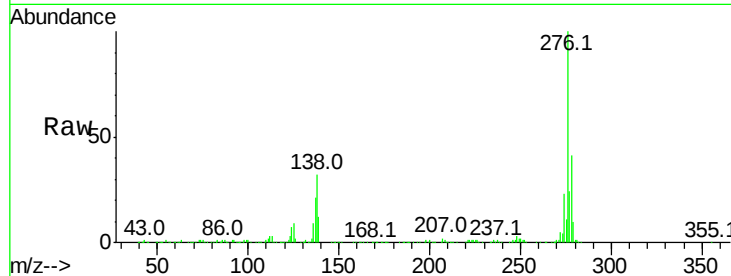
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.52 ng
 RT: 17.51 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.5	20.2	30.4

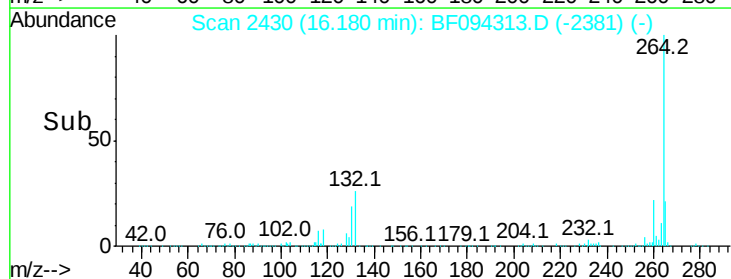
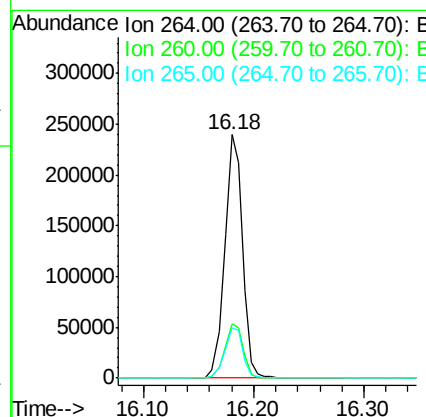
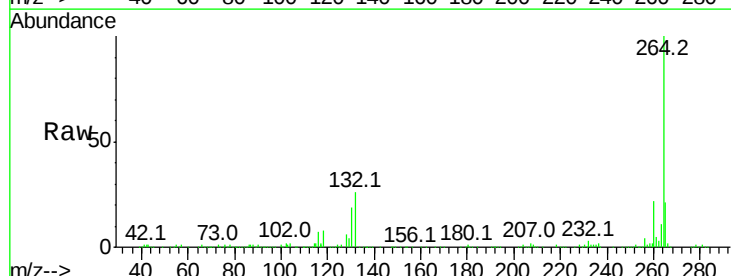
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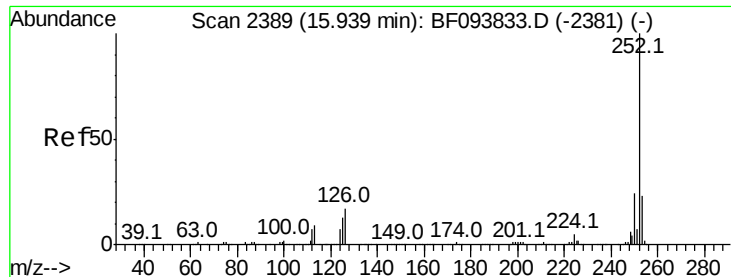
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.09 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Instrument :

BNA_F

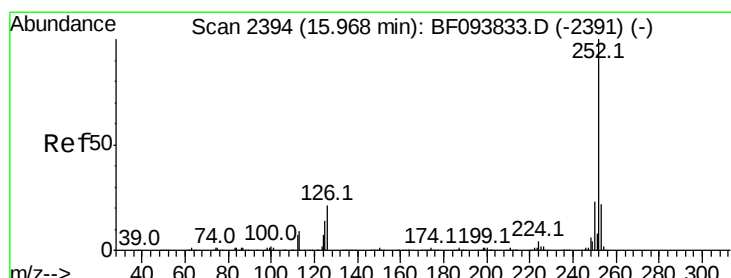
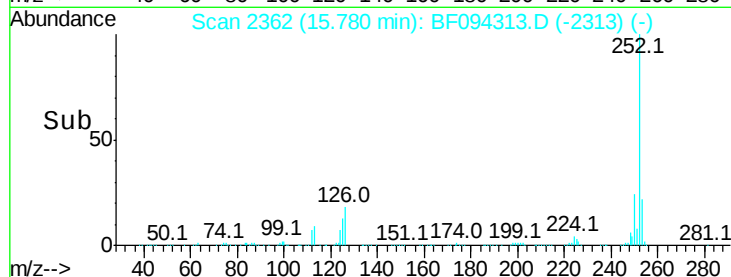
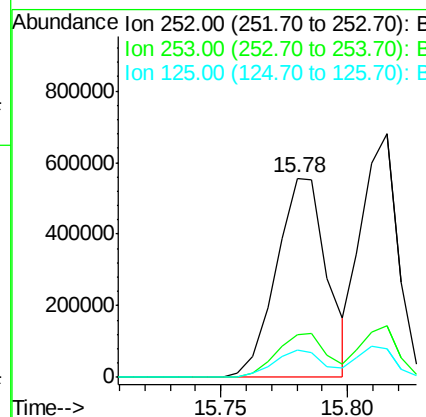
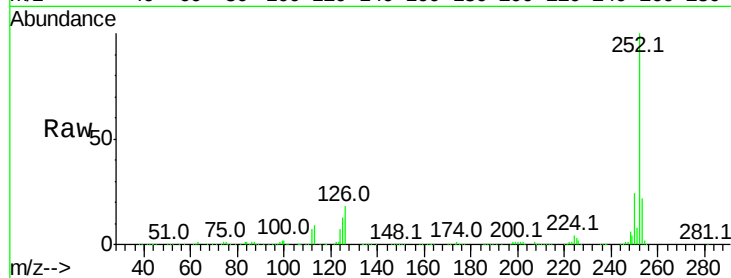
ClientSampleId :

PB98147BS

Tot Ion:	252	Resp:	777924
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	13.5	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.70 ng m

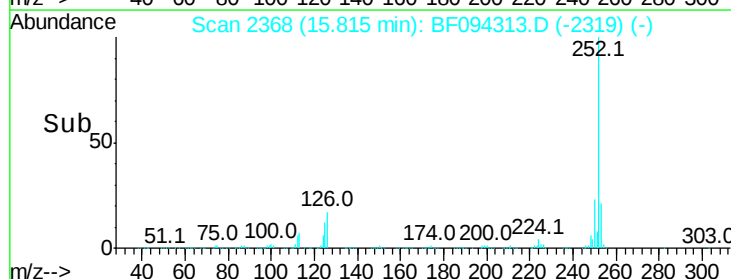
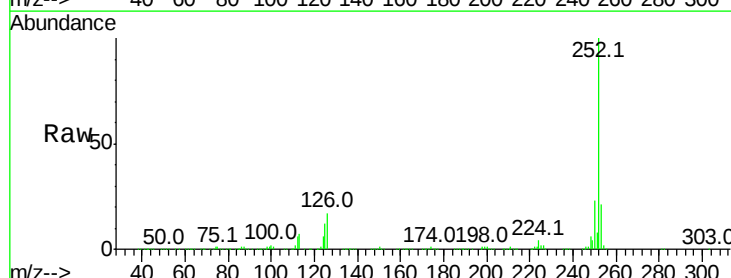
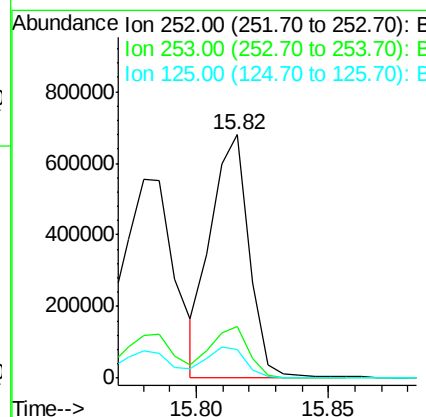
RT: 15.82 min Scan# 2368

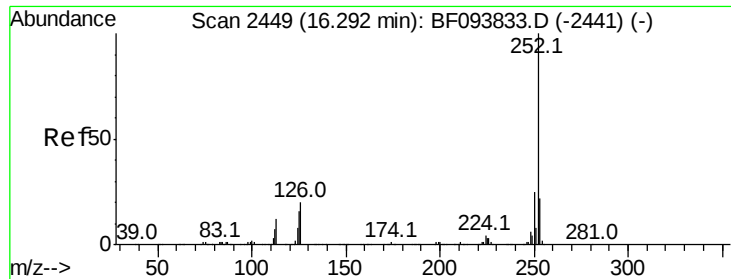
Delta R.T. -0.01 min

Lab File: BF094313.D

Acq: 10 Apr 2017 16:10

Tgt Ion:	252	Resp:	690200
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.4	27.6
125	11.8	13.1	19.7#





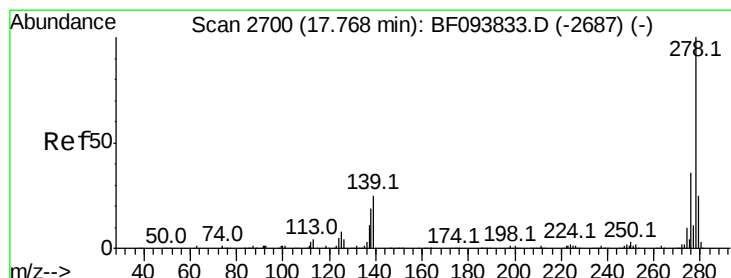
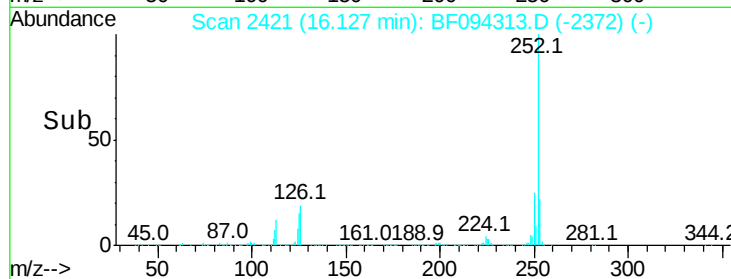
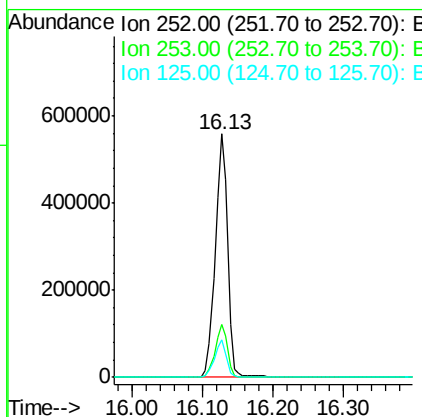
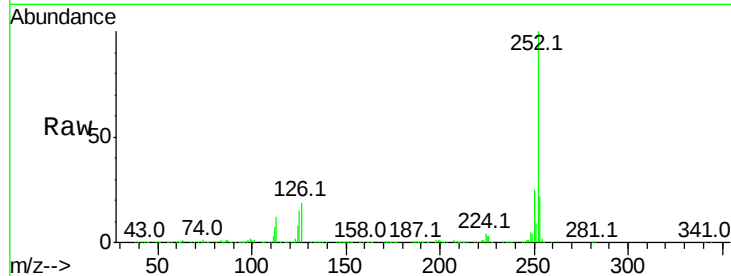
#89
Benzo(a)pyrene
Concen: 44.90 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.4	11.0	16.4

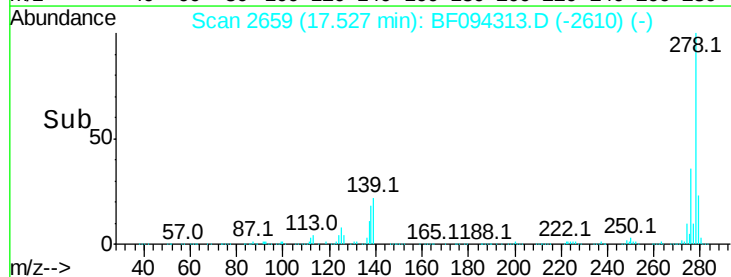
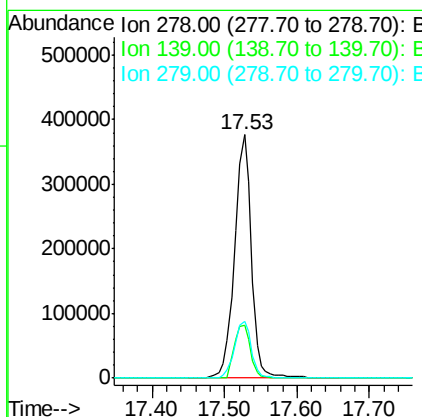
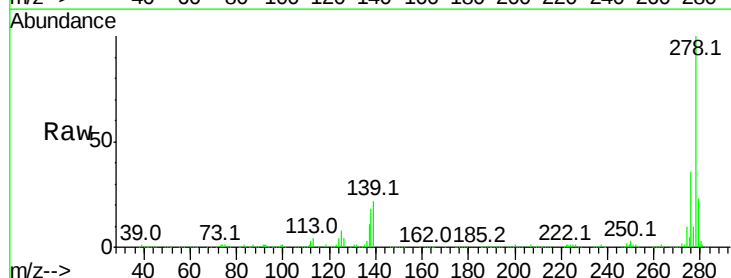
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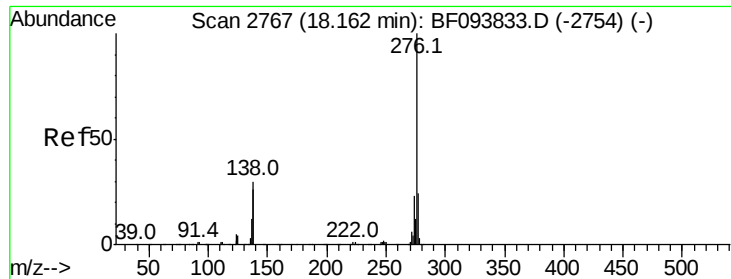
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.40 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094313.D
Acq: 10 Apr 2017 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 48.73 ng
 RT: 17.90 min Scan# 2722
 Delta R.T. -0.01 min
 Lab File: BF094313.D
 Acq: 10 Apr 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	30.3	25.4	38.0

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