

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094020.D
 Acq On : 29 Mar 2017 16:04
 Operator : SJ/MA
 Sample : PB97899BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:31:28 PM

Quant Time: Mar 30 03:38:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	162320	20.00	ng	-0.03
21) Naphthalene-d8	7.42	136	652487	20.00	ng	-0.04
38) Acenaphthene-d10	9.57	164	306423	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	543904	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	439196	20.00	ng	-0.04
86) Perylene-d12	16.27	264	337914	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1213513	126.27	ng	-0.01
7) Phenol-d6	5.53	99	1533497	128.99	ng	-0.02
23) Nitrobenzene-d5	6.57	82	947332	82.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	351152	145.02	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1785253	88.86	ng	-0.03
78) Terphenyl-d14	13.37	244	1507203	76.92	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	163247	35.36	ng	98
3) Pyridine	2.82	79	451652	35.89	ng	99
4) n-Nitrosodimethylamine	2.78	42	217435	41.99	ng	90
6) Aniline	5.55	93	365217	22.08	ng	# 9
8) 2-Chlorophenol	5.69	128	478429	45.29	ng	96
9) Benzaldehyde	5.41	77	98888	12.32	ng	98
10) Phenol	5.54	94	563615	41.66	ng	94
11) bis(2-Chloroethyl)ether	5.63	93	439124	41.53	ng	99
12) 1,3-Dichlorobenzene	5.86	146	501919	42.36	ng	99
13) 1,4-Dichlorobenzene	5.94	146	513456	42.78	ng	97
14) 1,2-Dichlorobenzene	6.12	146	474969	42.98	ng	96
15) Benzyl Alcohol	6.09	79	395152	45.41	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.25	45	632370	38.81	ng	98
17) 2-Methylphenol	6.23	107	401674	44.40	ng	98
18) Hexachloroethane	6.51	117	183914	43.60	ng	# 83
19) n-Nitroso-di-n-propylamine	6.41	70	323488	42.34	ng	97
20) 3+4-Methylphenols	6.41	107	492273	44.93	ng	# 64
22) Acetophenone	6.39	105	659539	45.35	ng	# 88
24) Nitrobenzene	6.59	77	486246	43.12	ng	96
25) Isophorone	6.88	82	886061	44.10	ng	97
26) 2-Nitrophenol	6.97	139	271975	50.58	ng	97
27) 2,4-Dimethylphenol	7.03	122	441719	47.67	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	572282	43.20	ng	98
29) 2,4-Dichlorophenol	7.26	162	420087	48.49	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	400200	44.85	ng	99
31) Naphthalene	7.45	128	1339786	42.70	ng	99
32) Benzoic acid	7.19	122	282392	45.78	ng	96
33) 4-Chloroaniline	7.52	127	186969	14.70	ng	# 93
34) Hexachlorobutadiene	7.61	225	201546	44.04	ng	97
35) Caprolactam	7.97	113	142024m	51.41	ng	
36) 4-Chloro-3-methylphenol	8.13	107	445294	49.19	ng	88
37) 2-Methylnaphthalene	8.29	142	947330	45.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	344642	41.11	ng	99
40) Hexachlorocyclopentadiene	8.49	237	368408	93.92	ng	98

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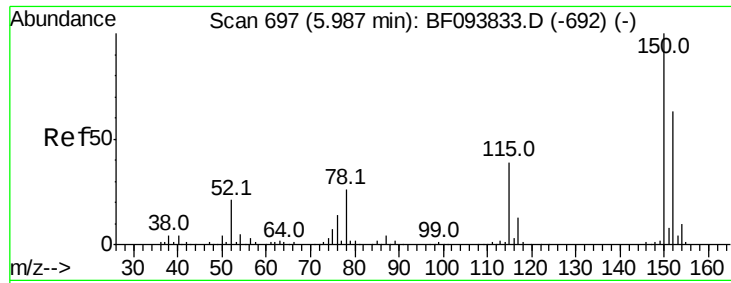
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	287295	48.44	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	299535	46.68	nq	94
45) 1,1'-Biphenyl	8.87	154	1069266	43.26	nq	98
46) 2-Chloronaphthalene	8.89	162	842978	43.57	nq	94
47) 2-Nitroaniline	9.02	65	263763	45.96	nq	88
48) Acenaphthylene	9.40	152	1349191	41.96	nq	100
49) Dimethylphthalate	9.26	163	1016715	46.68	nq	99
50) 2,6-Dinitrotoluene	9.32	165	234724	47.01	nq	# 88
51) Acenaphthene	9.61	154	812009	43.28	nq	99
52) 3-Nitroaniline	9.52	138	136186	23.23	nq	85
53) 2,4-Dinitrophenol	9.66	184	230348	85.85	nq	# 72
54) Dibenzofuran	9.83	168	1174591	45.99	nq	99
55) 4-Nitrophenol	9.76	139	409444	89.17	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	291655	46.50	nq	# 75
57) Fluorene	10.25	166	875300	41.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	218887	49.71	nq	98
59) Diethylphthalate	10.13	149	1010416	46.93	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	382003	42.34	nq	93
61) 4-Nitroaniline	10.29	138	251637	44.72	nq	95
62) Azobenzene	10.45	77	971868	47.72	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	154537	46.39	nq	# 73
65) n-Nitrosodiphenylamine	10.40	169	845476	44.95	nq	97
66) 4-Bromophenyl-phenylether	10.85	248	245284	45.85	nq	98
67) Hexachlorobenzene	10.92	284	251612	46.46	nq	# 89
68) Atrazine	11.07	200	259435	46.05	nq	97
69) Pentachlorophenol	11.17	266	270328	80.20	nq	97
70) Phenanthrene	11.42	178	1330062	43.96	nq	99
71) Anthracene	11.49	178	1382046	44.36	nq	99
72) Carbazole	11.69	167	1298033	40.63	nq	99
73) Di-n-butylphthalate	12.14	149	1558690	46.92	nq	99
74) Fluoranthene	12.89	202	1381664	44.60	nq	100
76) Benzidine	13.05	184	409052	23.53	nq	# 93
77) Pyrene	13.16	202	1387033	43.52	nq	100
79) Butylbenzylphthalate	13.98	149	670646	49.38	nq	# 87
80) Benzo(a)anthracene	14.63	228	1159210	45.26	nq	100
81) 3,3'-Dichlorobenzidine	14.60	252	219417	23.97	nq	# 97
82) Chrysene	14.68	228	1010094	42.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	899485	48.55	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1519333	49.08	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	811832	39.44	nq	99
87) Benzo(b)fluoranthene	15.87	252	953817	46.05	nq	98
88) Benzo(k)fluoranthene	15.90	252	930041	45.89	nq	96
89) Benzo(a)pyrene	16.22	252	877492	46.00	nq	99
90) Dibenzo(a,h)anthracene	17.66	278	666954	41.29	nq	98
91) Benzo(g,h,i)perylene	18.04	276	666906	40.97	nq	98

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



#1

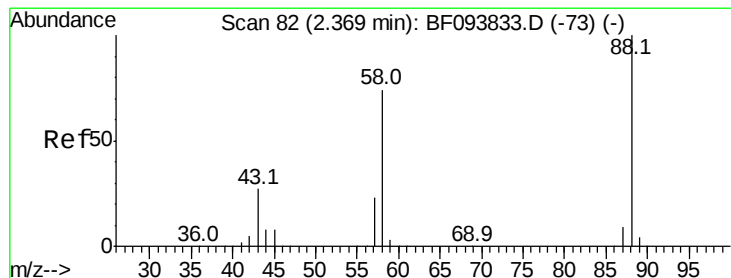
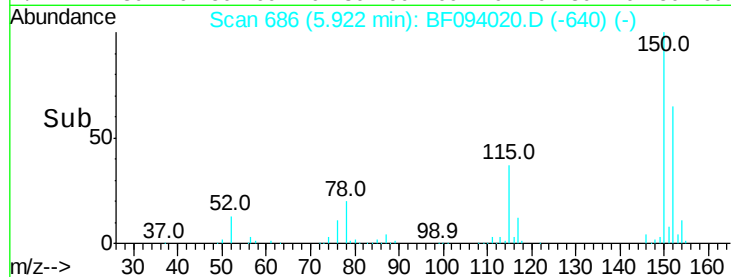
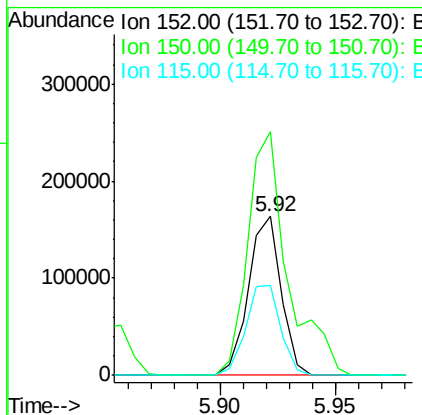
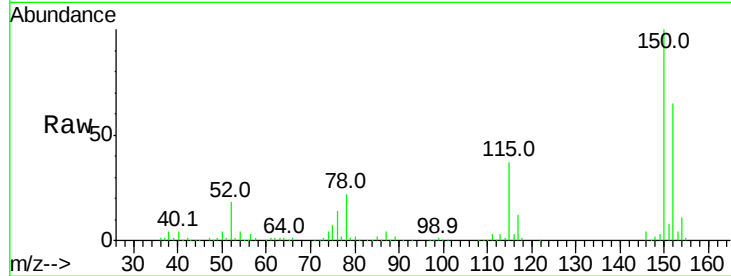
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	56.6	52.2	78.2

Manual Integrations
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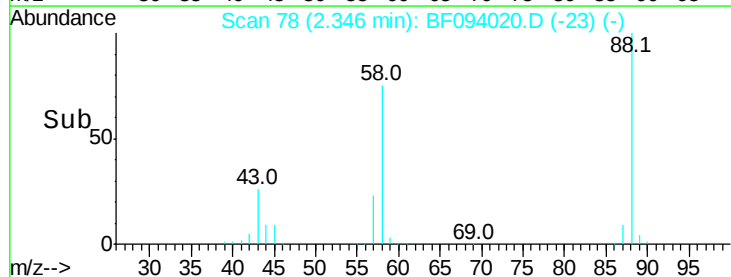
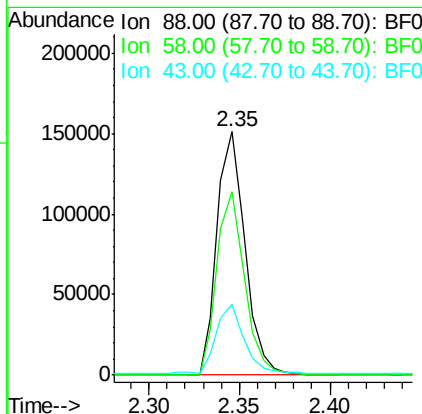
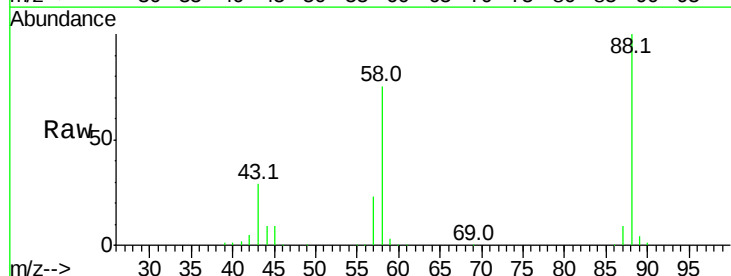
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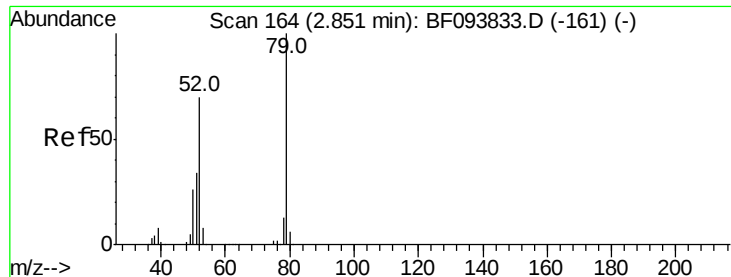


#2

1,4-Dioxane
Concen: 35.36 ng
RT: 2.35 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.4	92.0
43	28.8	23.4	35.0





#3

Pvridine

Concen: 35.89 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

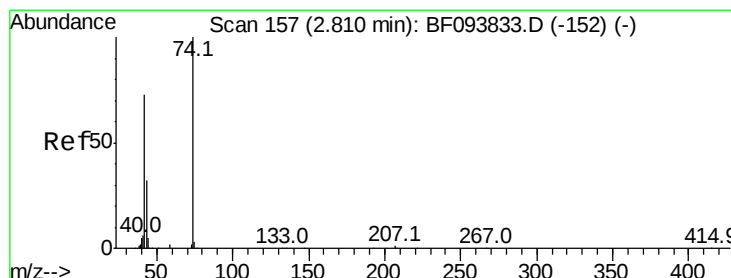
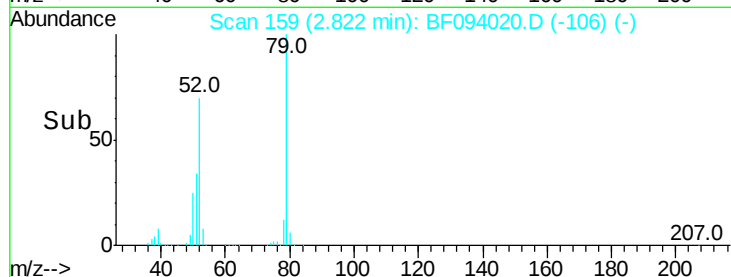
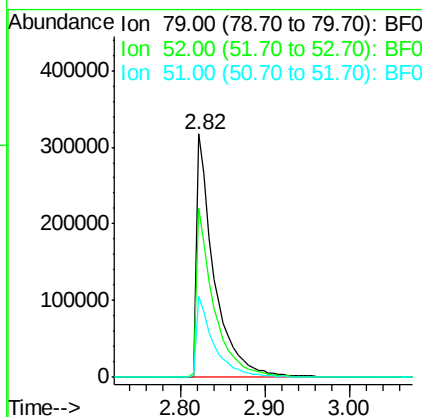
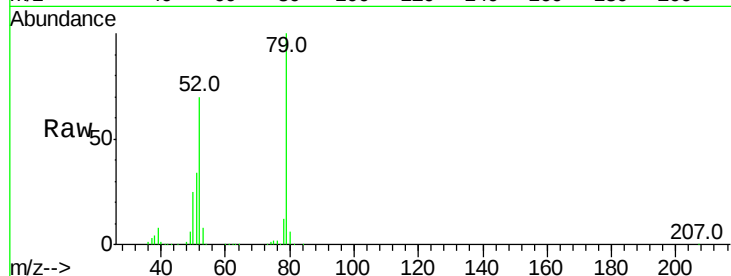
ClientSampleId :

PB97899BS

Tot Ion:	79	Resp:	451652
Ion Ratio	Lower	Upper	
79	100		
52	69.7	54.8	82.2
51	33.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 41.99 ng

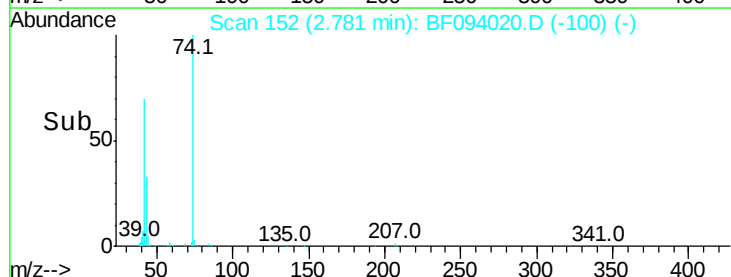
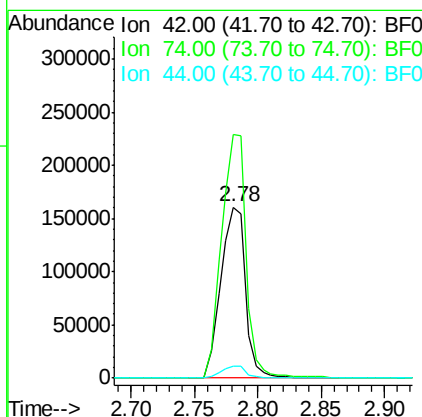
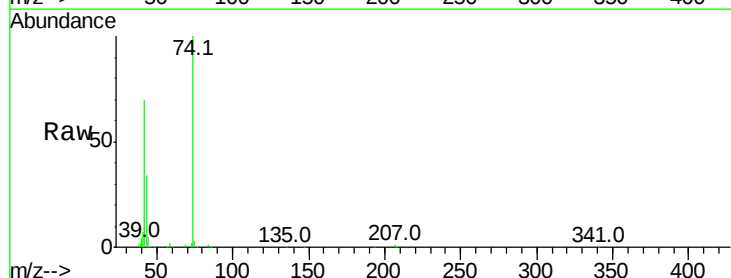
RT: 2.78 min Scan# 152

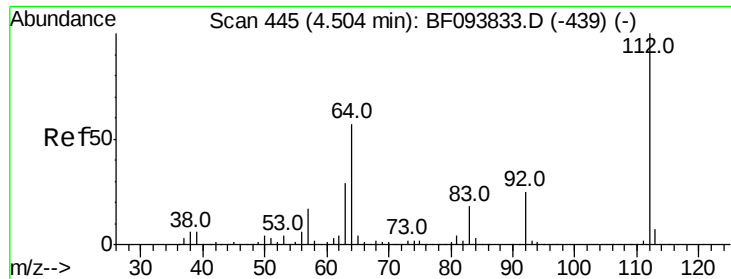
Delta R.T. 0.01 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	42	Resp:	217435
Ion Ratio	Lower	Upper	
42	100		
74	142.6	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 126.27 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

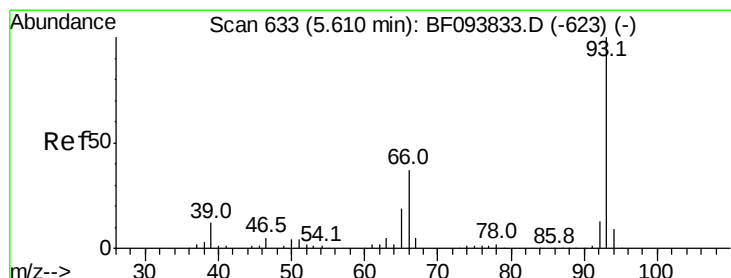
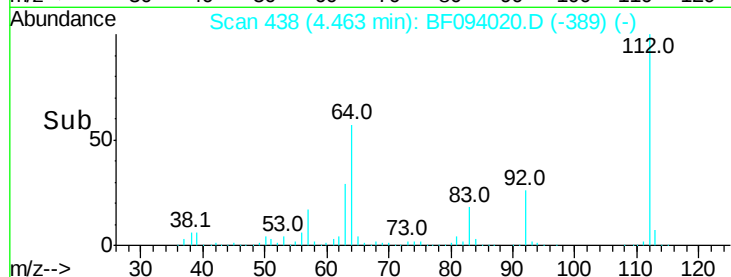
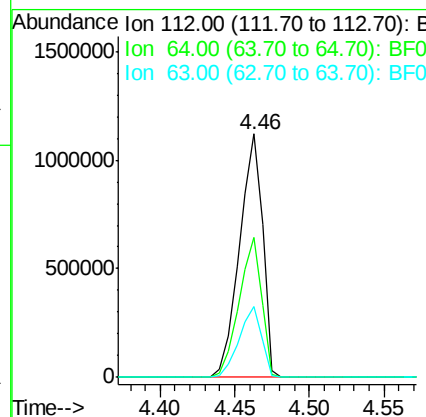
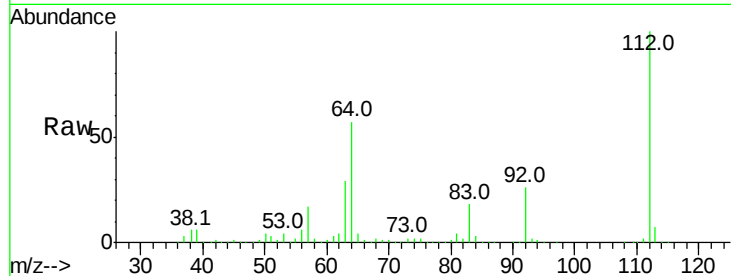
ClientSampleId :

PB97899BS

Tot Ion:	112	Resp:	1213513
Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	29.0	23.4	35.0

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#6

Aniline

Concen: 22.08 ng

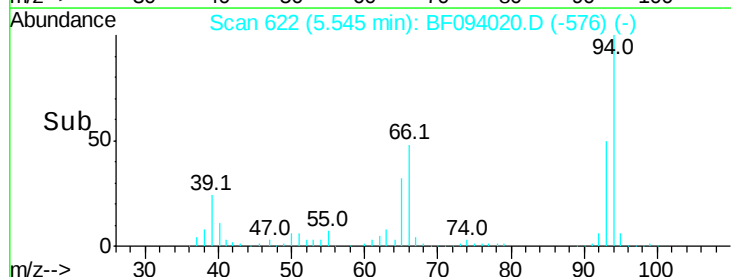
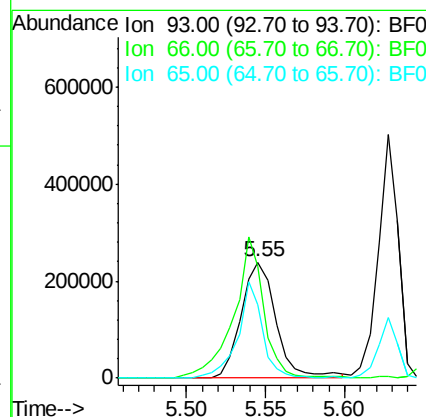
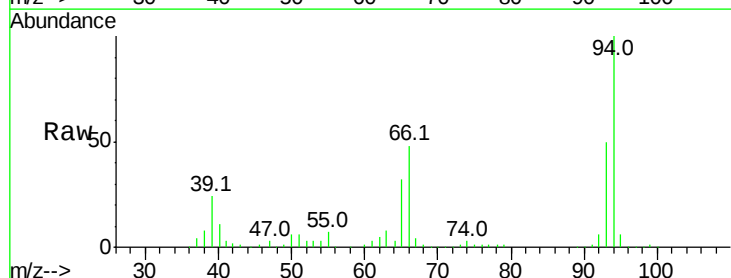
RT: 5.55 min Scan# 622

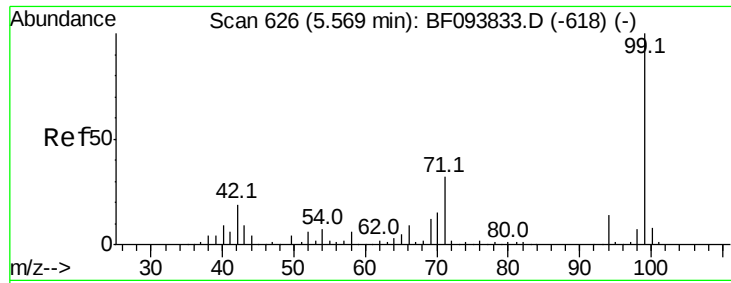
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	93	Resp:	365217
Ion	Ratio	Lower	Upper
93	100		
66	96.7	32.9	49.3#
65	63.7	16.0	24.0#





#7

Phenol-d6

Concen: 128.99 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB97899BS

Tot Ion: 99 Resp: 1533497

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

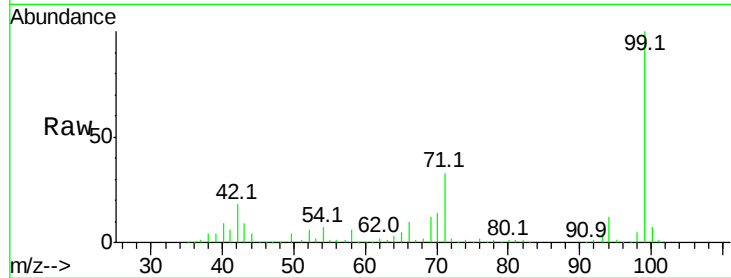
71 33.4 24.5 36.7

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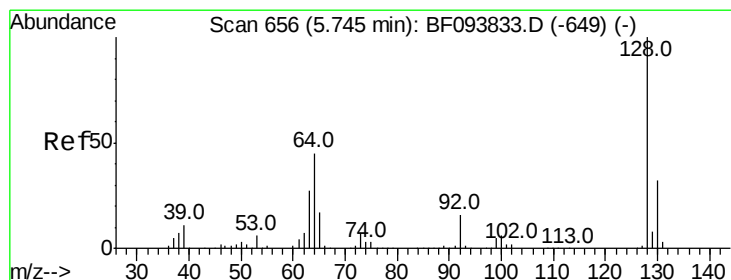
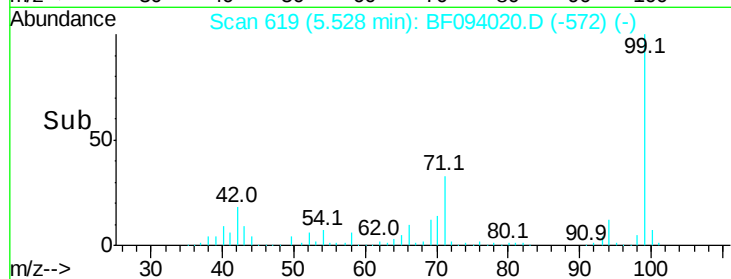
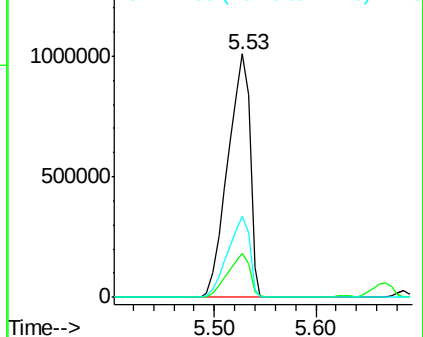
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.29 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

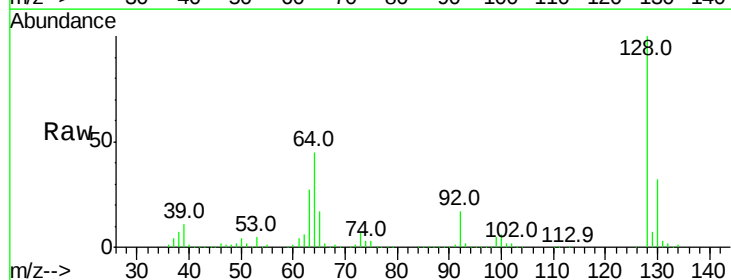
Tgt Ion:128 Resp: 478429

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

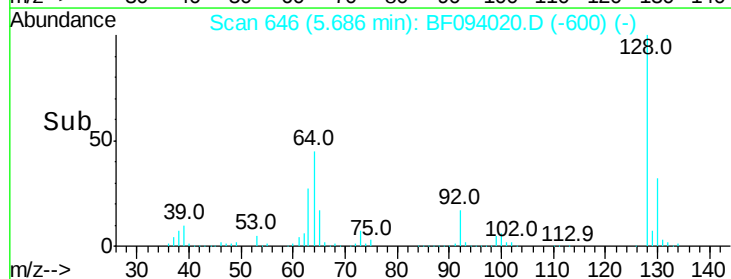
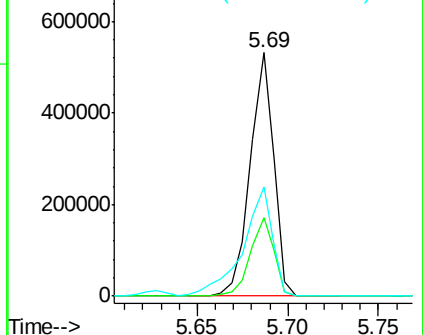
64 44.7 28.4 68.4

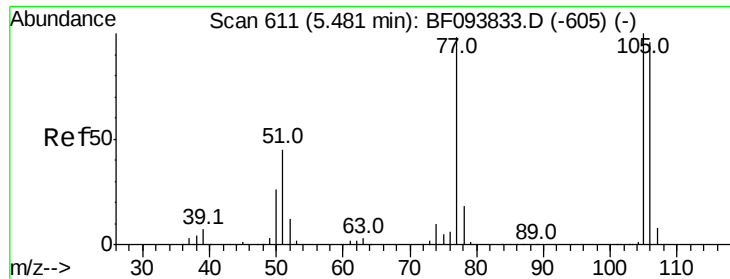


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.32 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleId :

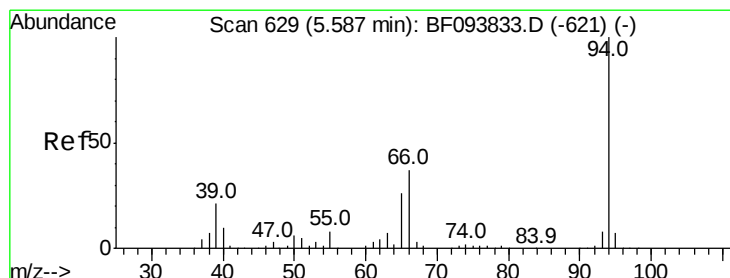
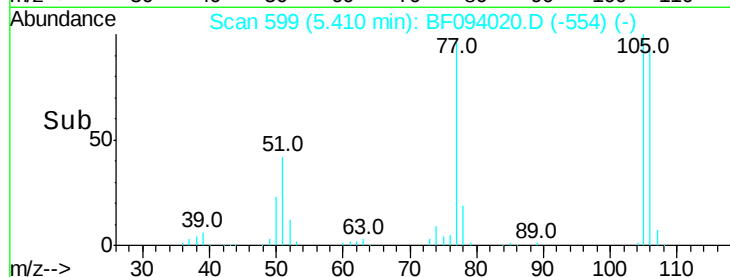
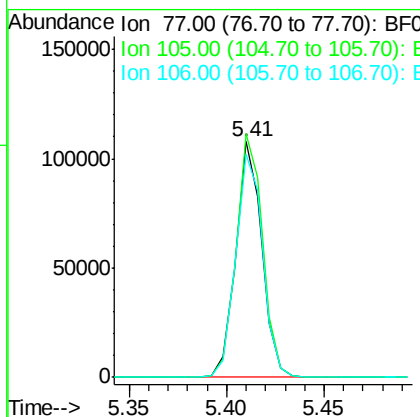
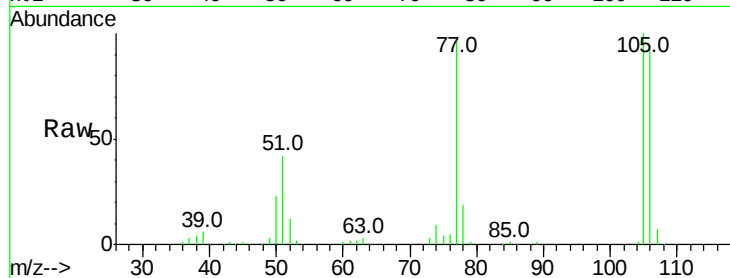
PB97899BS

Tot Ion: 77 Resp: 98888

Ion	Ratio	Lower	Upper
77	100		
105	103.3	83.8	123.8
106	94.9	79.1	119.1

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#10

Phenol

Concen: 41.66 ng

RT: 5.54 min Scan# 621

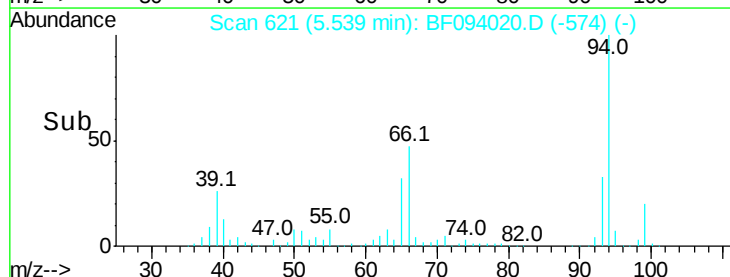
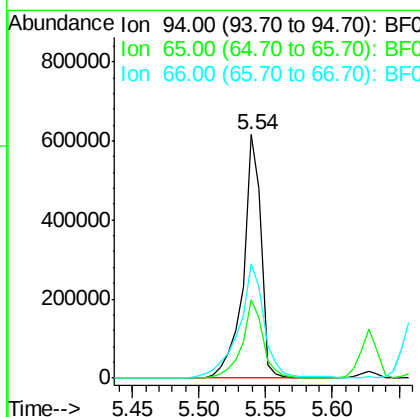
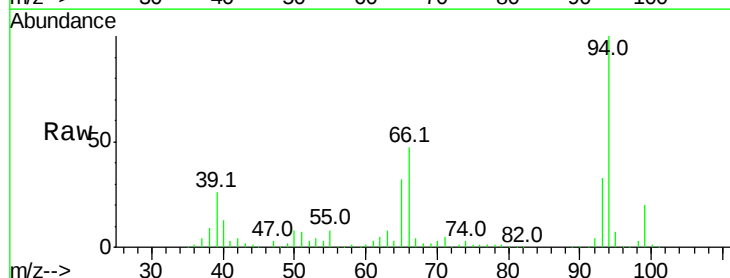
Delta R.T. -0.02 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion: 94 Resp: 563615

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.9	49.9
66	47.1	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.53 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

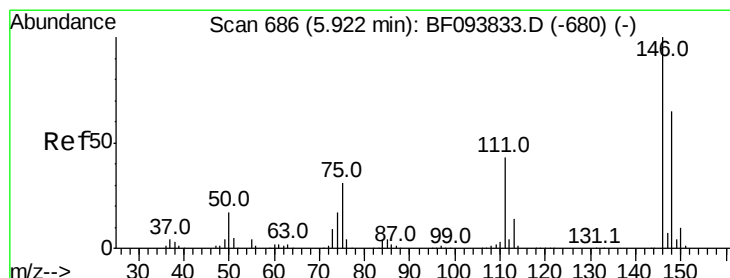
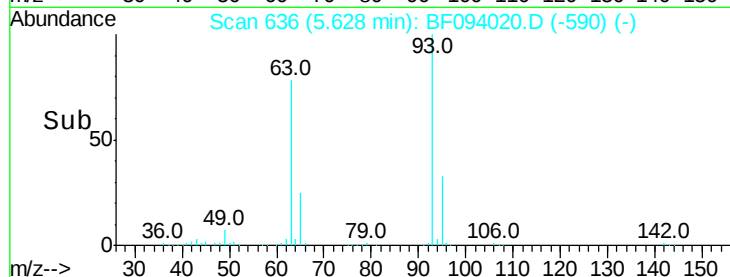
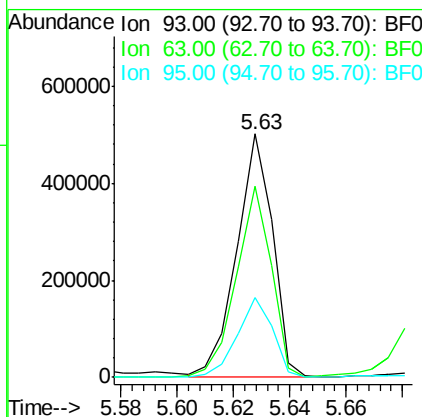
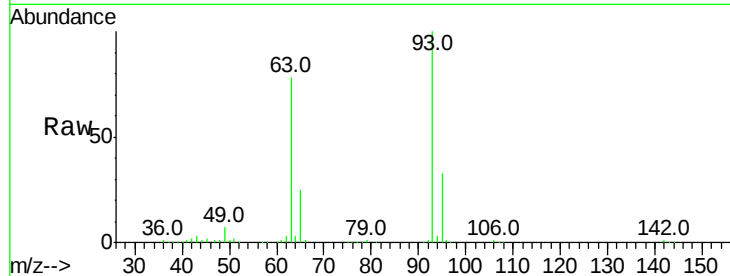
ClientSampleId :

PB97899BS

Tot Ion:	93	Resp:	439124
Ion Ratio	Lower	Upper	
93	100		
63	78.5	59.2	99.2
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.36 ng

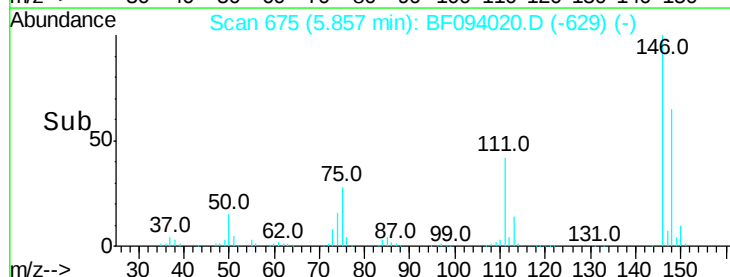
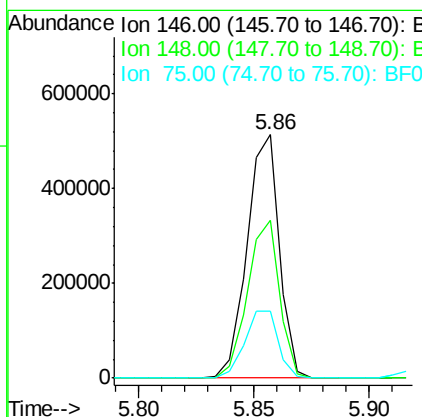
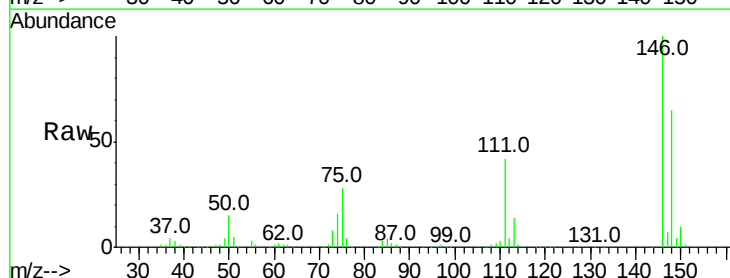
RT: 5.86 min Scan# 675

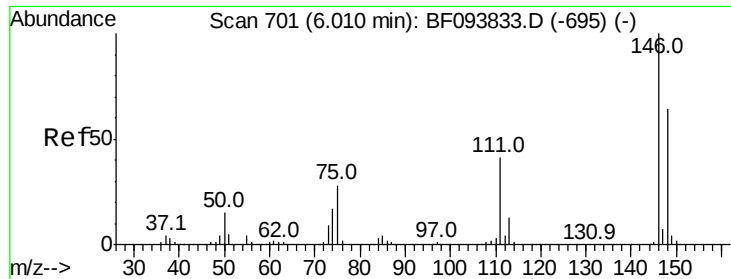
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	146	Resp:	501919
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
75	27.7	23.1	34.7





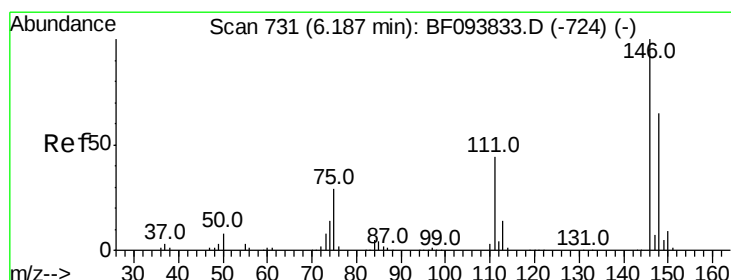
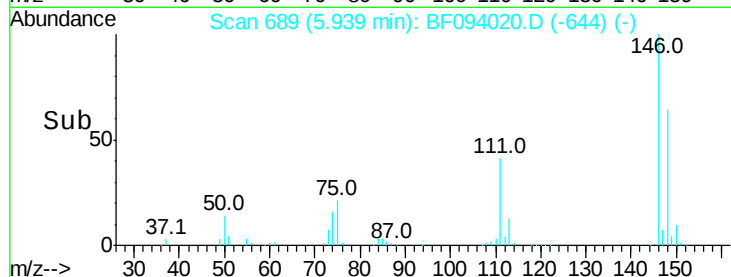
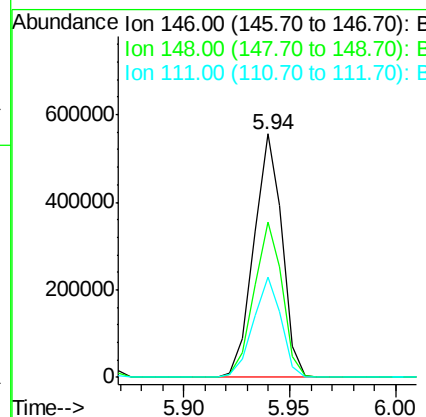
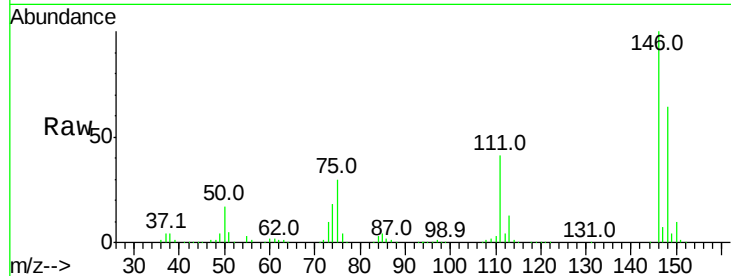
#13
 1,4-Dichlorobenzene
 Concen: 42.78 ng
 RT: 5.94 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	41.4	30.3	45.5

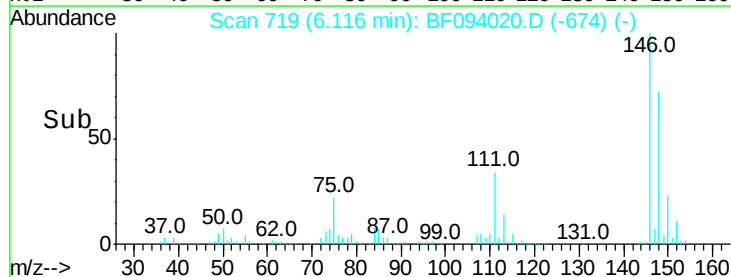
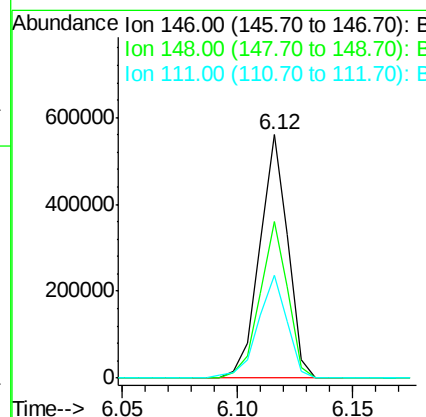
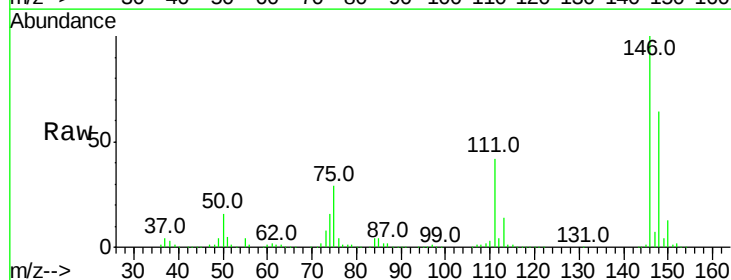
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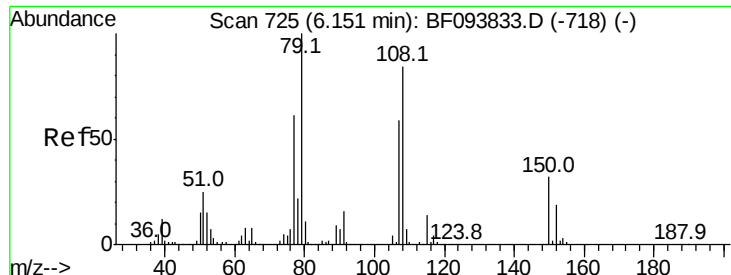
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#14
 1,2-Dichlorobenzene
 Concen: 42.98 ng
 RT: 6.12 min Scan# 719
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	42.5	38.2	57.4





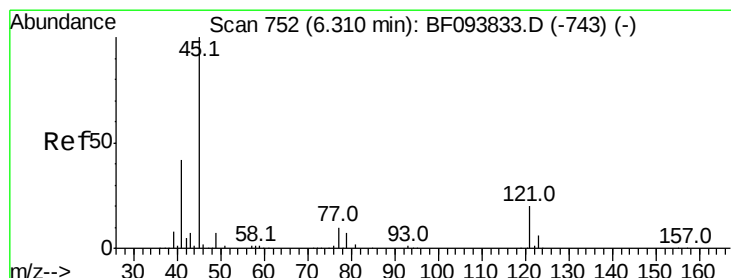
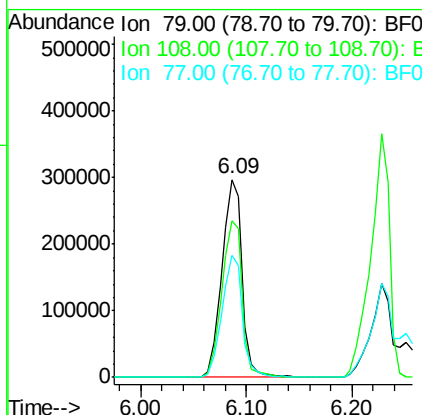
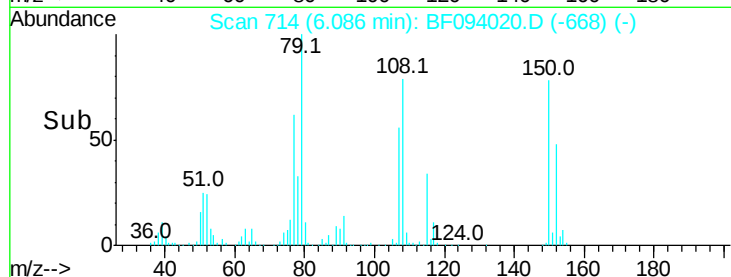
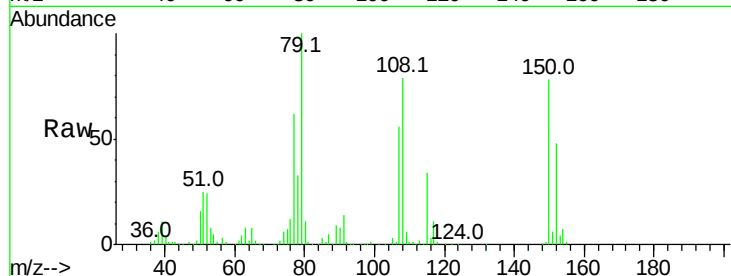
#15
Benzyl Alcohol
Concen: 45.41 ng
RT: 6.09 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampled :
PB97899BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	61.6	49.2	73.8

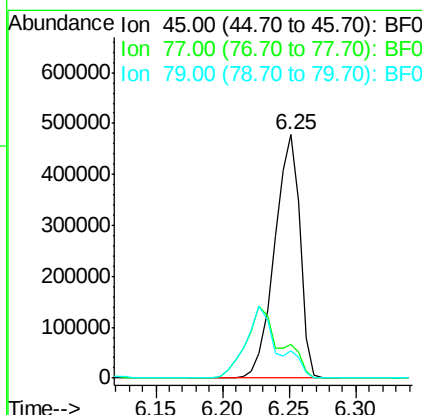
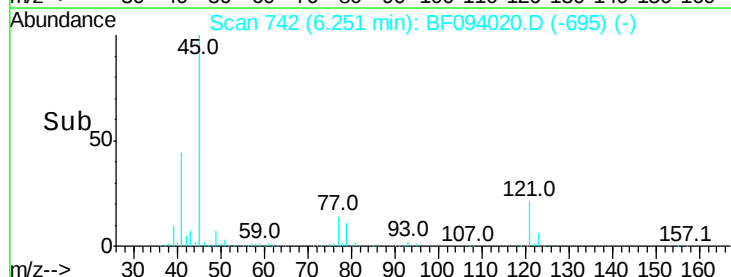
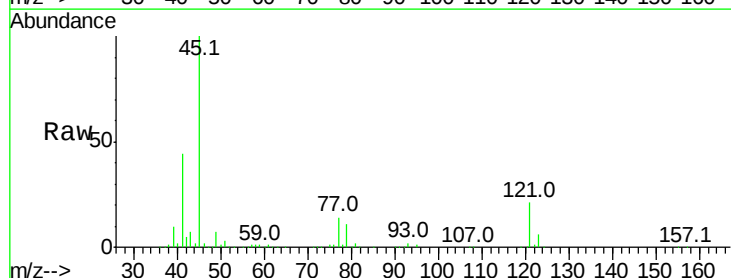
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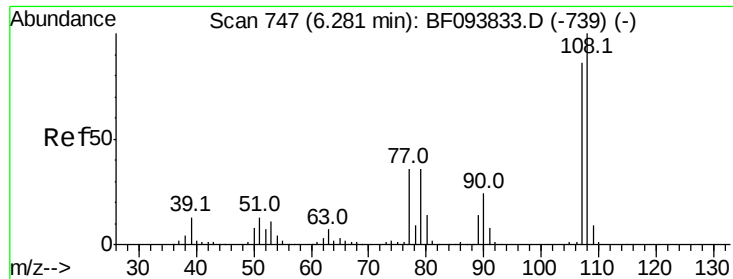
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.81 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.2
79	11.1	0.0	30.0





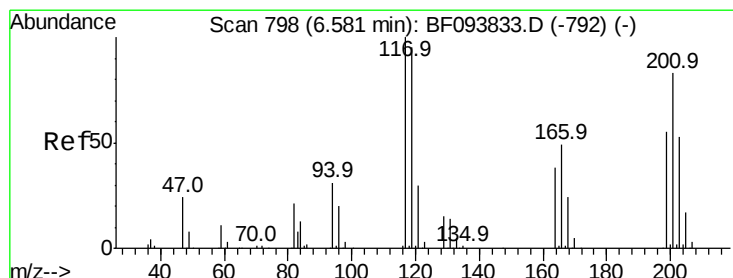
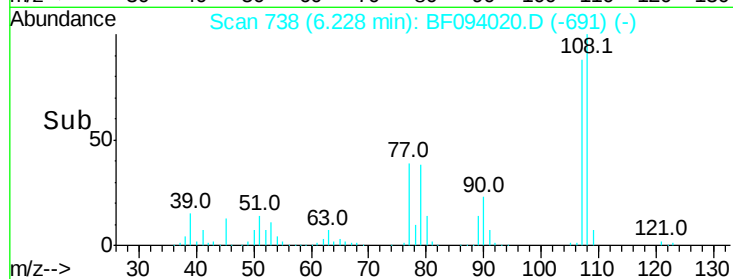
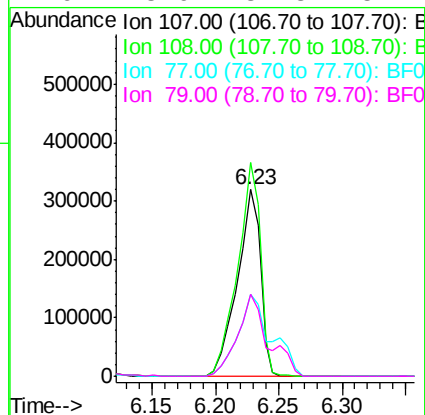
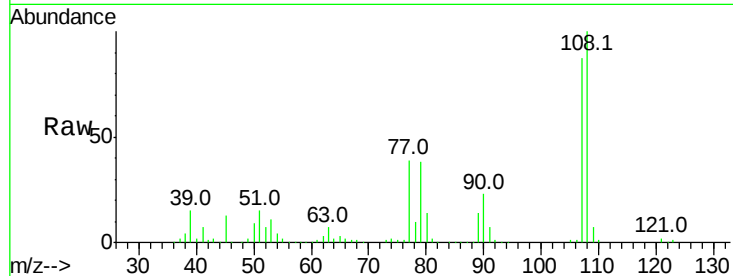
#17
2-Methylphenol
Concen: 44.40 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	44.0	35.8	53.6
79	43.9	34.8	52.2

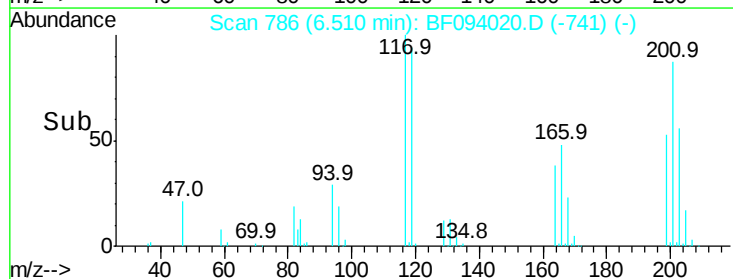
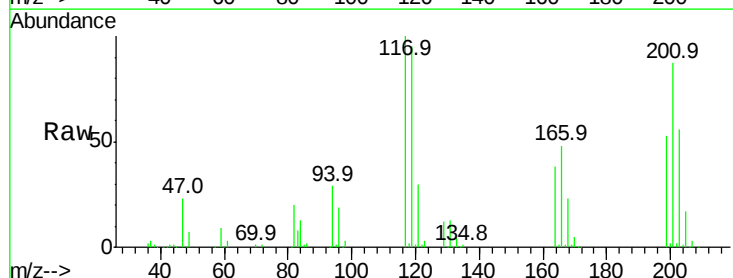
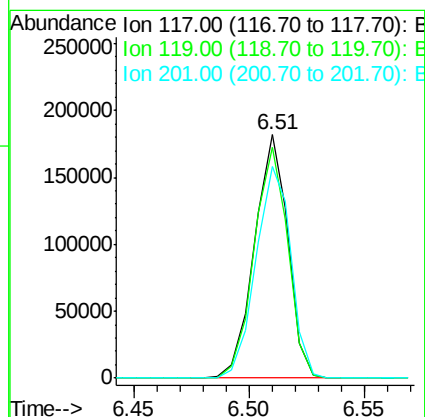
Manual Integrations
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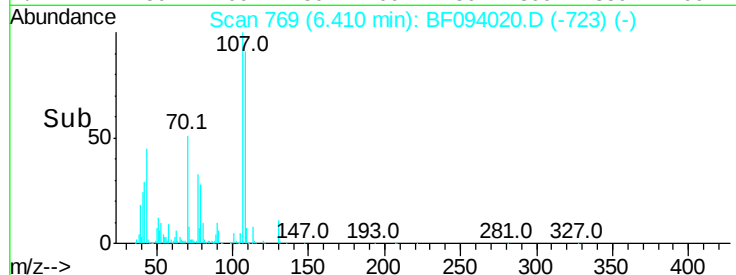
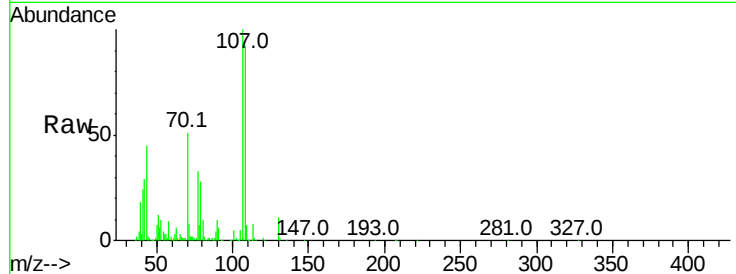
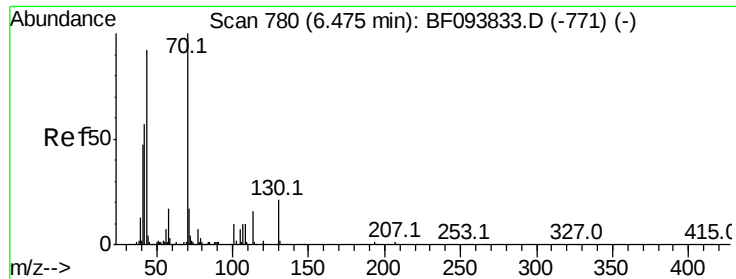
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#18
Hexachloroethane
Concen: 43.60 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	87.0	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.34 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB97899BS

Tot Ion: 70 Resp: 323488

Ion Ratio Lower Upper

70 100

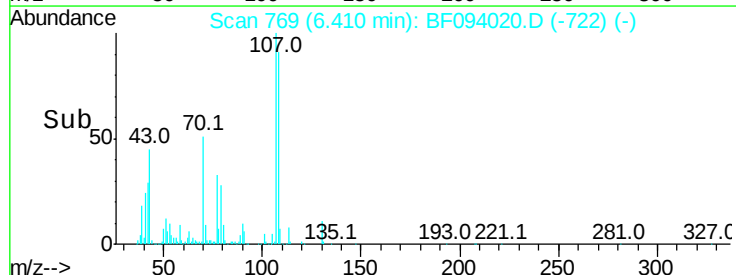
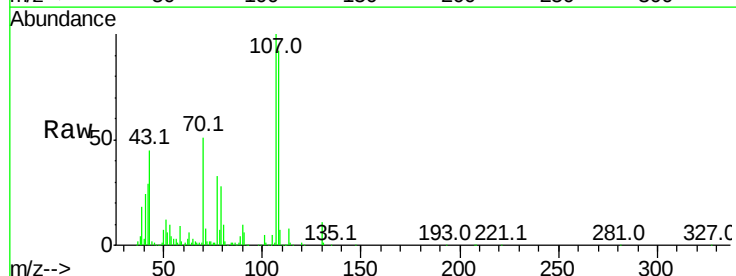
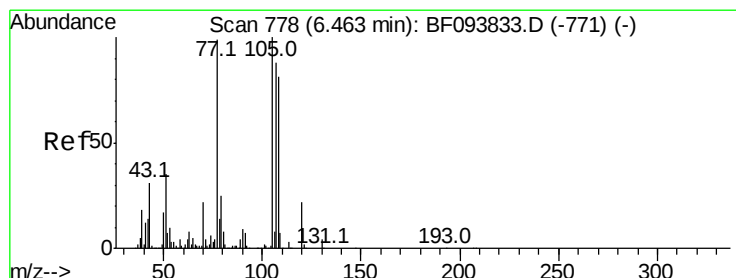
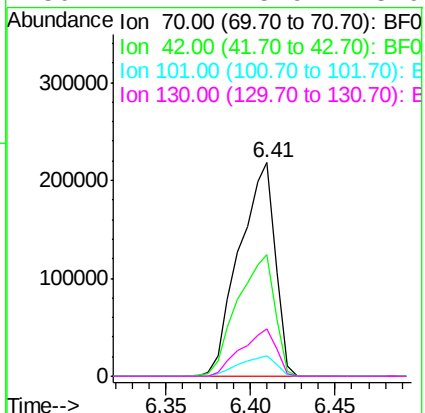
42 56.8 47.2 70.8

101 9.5 7.2 10.8

130 22.2 15.9 23.9

Manual Integrations
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#20

3+4-Methylphenols

Concen: 44.93 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion: 107 Resp: 492273

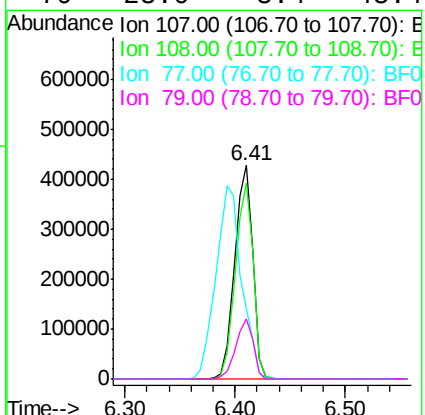
Ion Ratio Lower Upper

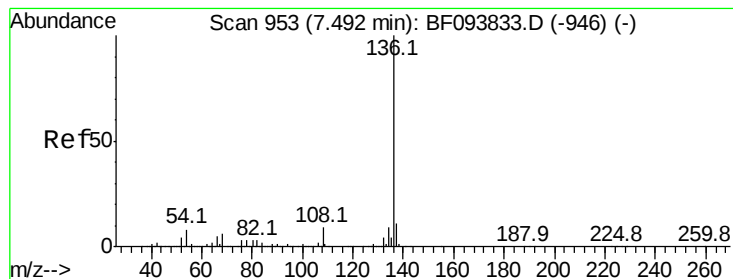
107 100

108 91.5 71.0 111.0

77 32.9 90.5 130.5#

79 28.0 8.4 48.4





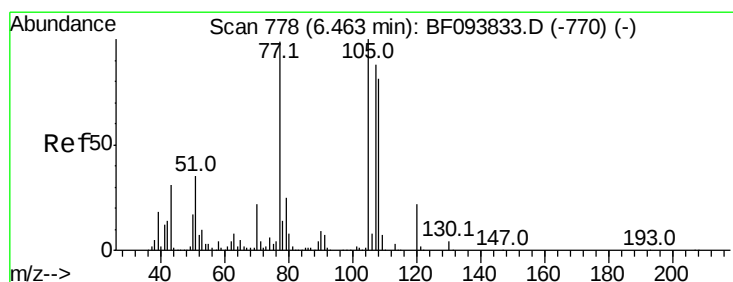
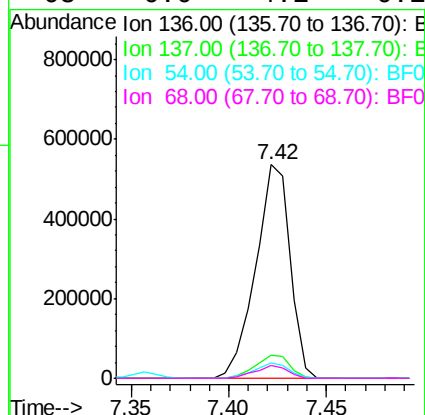
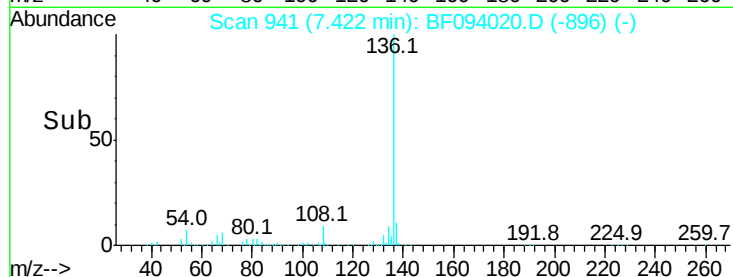
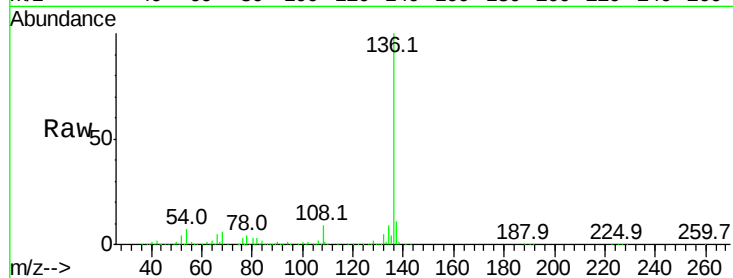
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	652487		
137	11.0		8.5	12.7
54	7.3		4.9	7.3
68	6.0		4.1	6.1

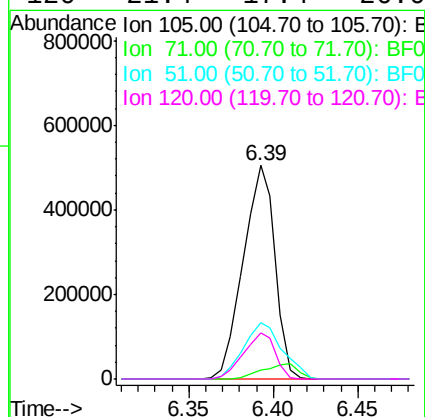
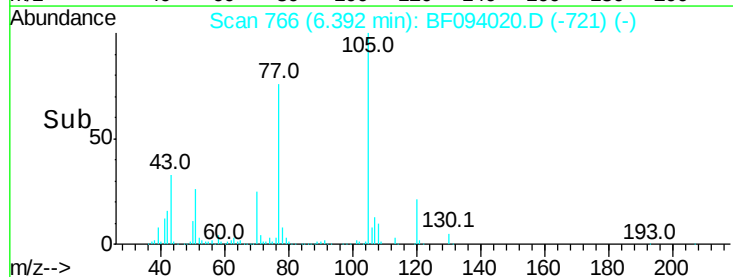
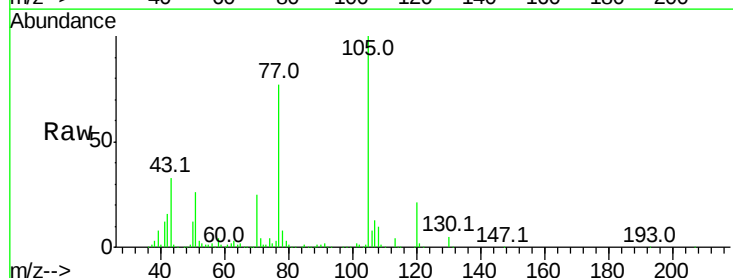
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#22
Acetophenone
Concen: 45.35 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659539		
71	4.3		2.8	4.2#
51	26.4		30.7	46.1#
120	21.4		17.4	26.0





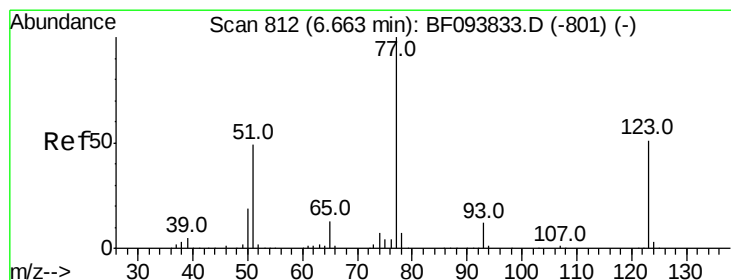
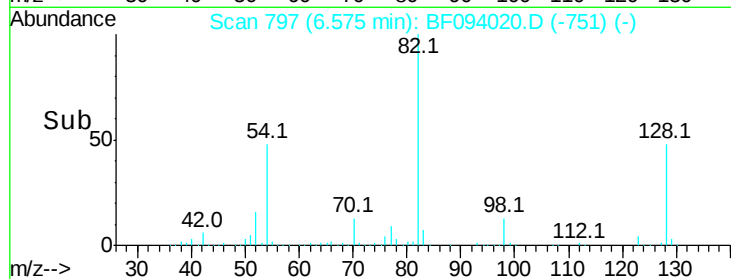
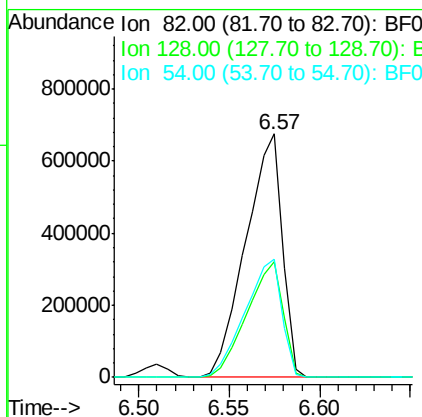
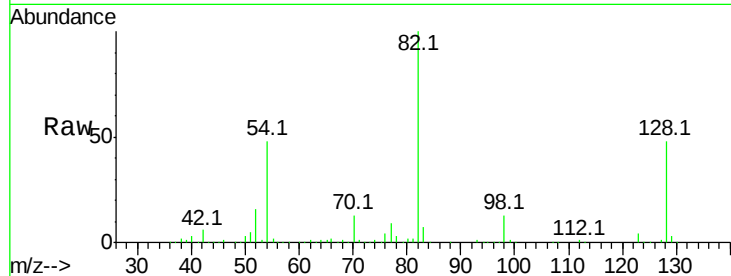
#23
 Nitrobenzene-d5
 Concen: 82.86 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleID :
 PB97899BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	48.4	42.2	63.2

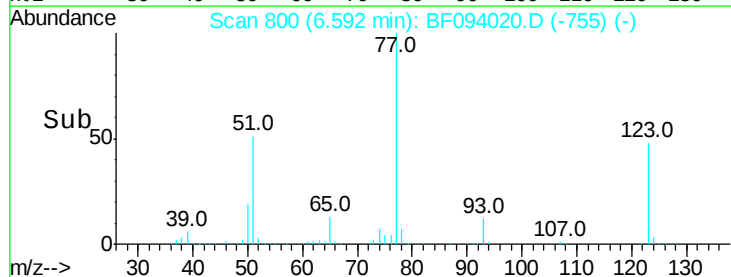
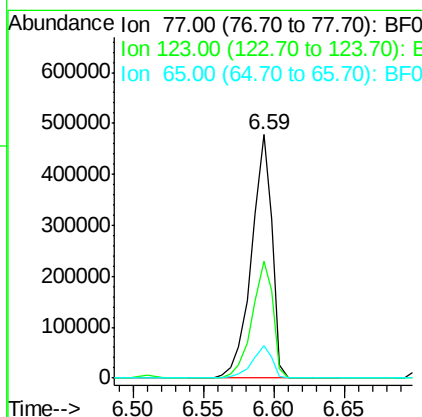
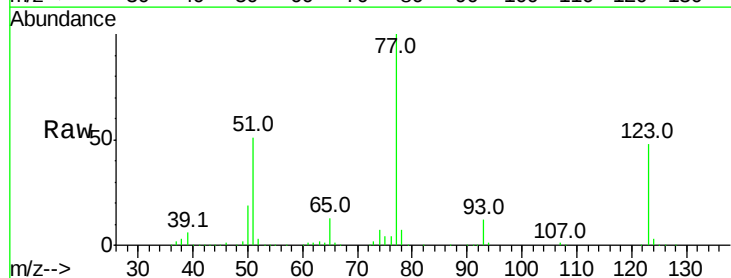
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#24
 Nitrobenzene
 Concen: 43.12 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 44.10 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

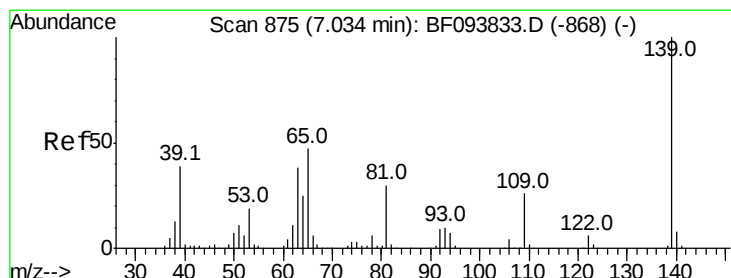
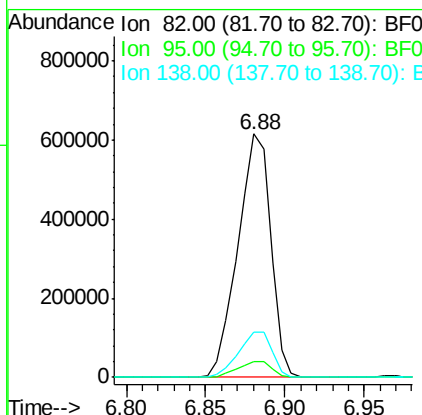
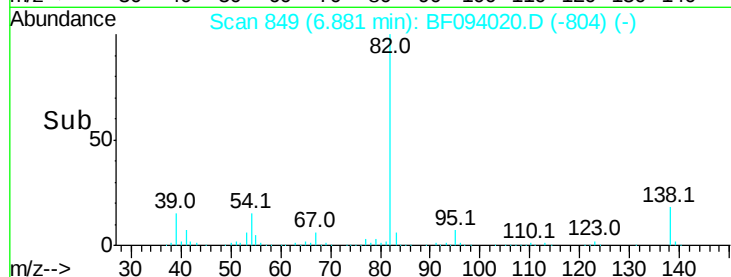
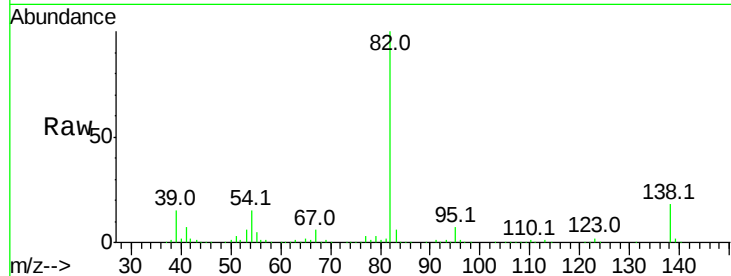
ClientSampleId :

PB97899BS

Tot Ion:	82	Resp:	886061
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.58 ng

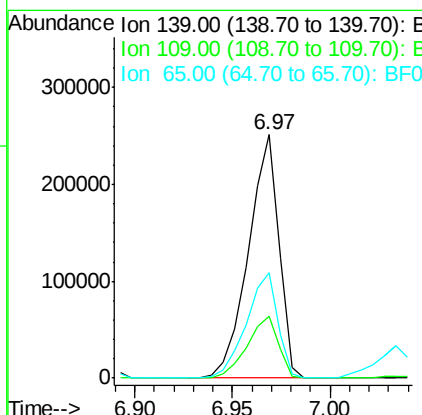
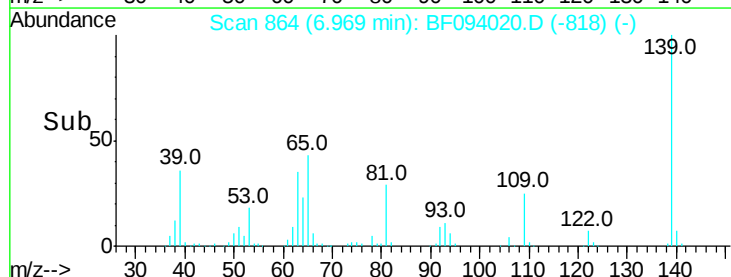
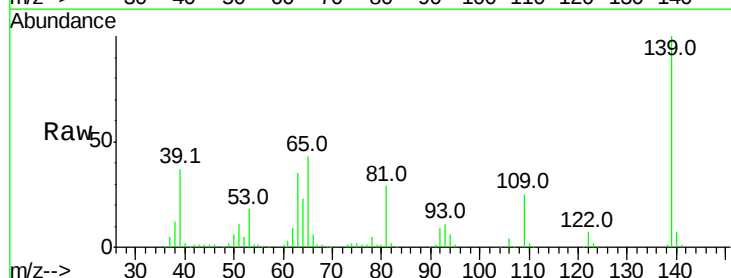
RT: 6.97 min Scan# 864

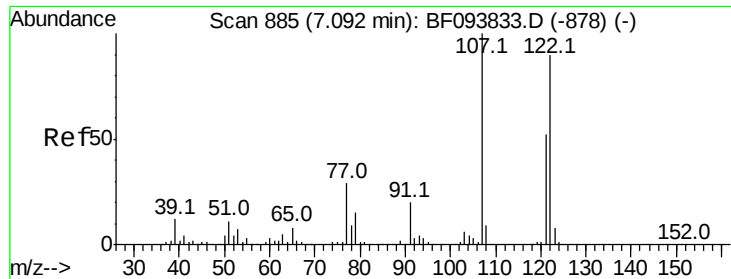
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	139	Resp:	271975
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.6
65	43.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 47.67 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

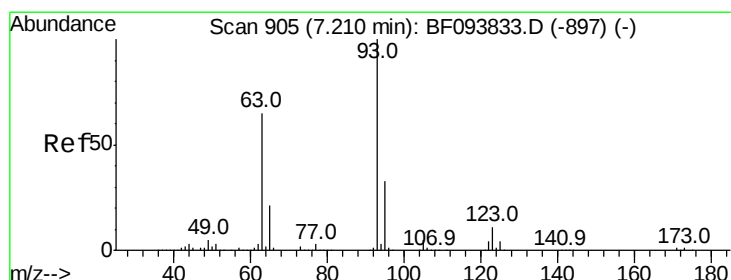
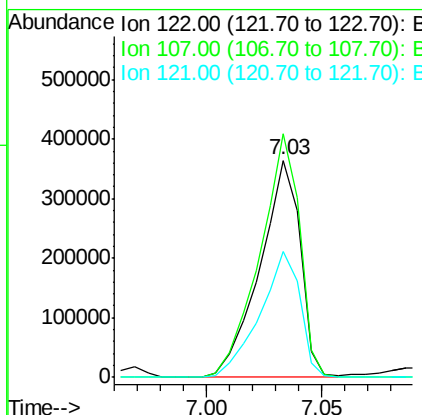
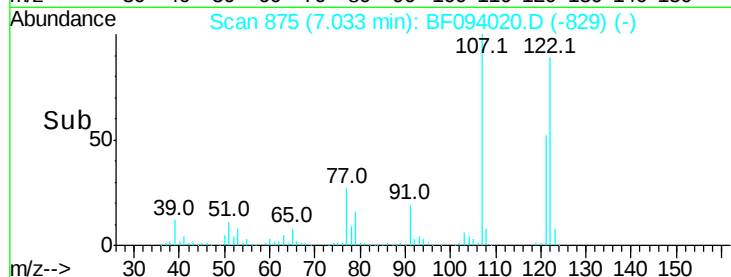
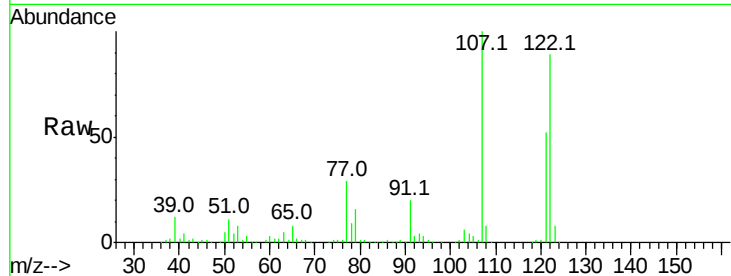
ClientSampled :

PB97899BS

Tot Ion:	122	Resp:	441719
Ion	Ratio	Lower	Upper
122	100		
107	112.3	89.2	133.8
121	57.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.20 ng

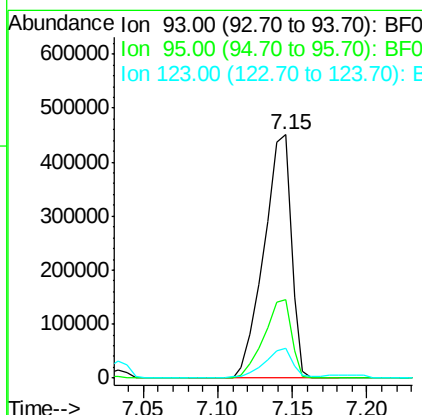
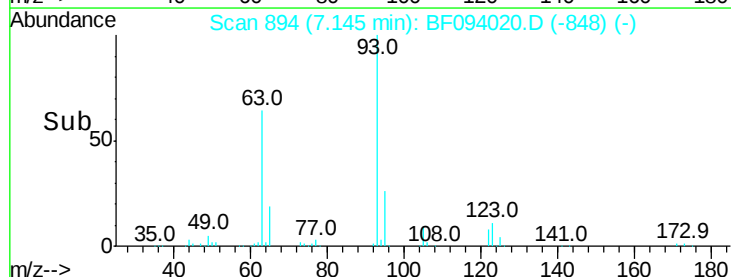
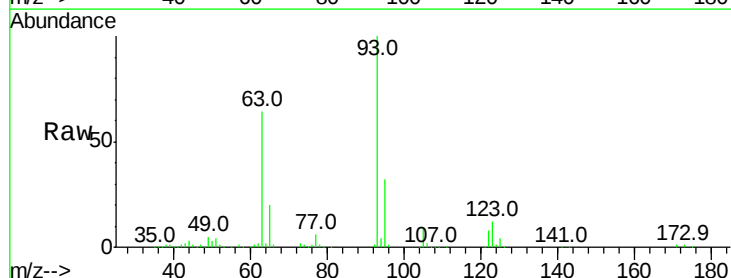
RT: 7.15 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF094020.D

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Tgt Ion:	93	Resp:	572282
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	12.1	9.0	13.4





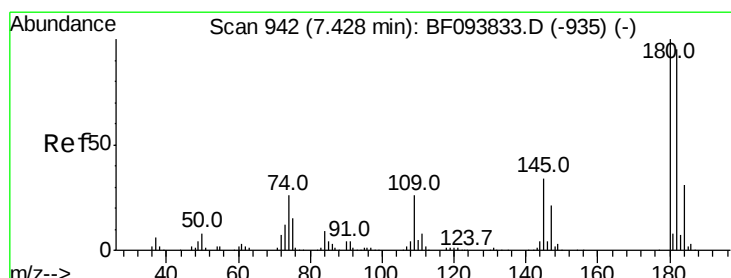
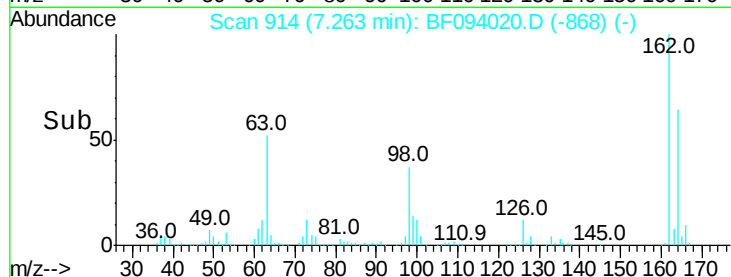
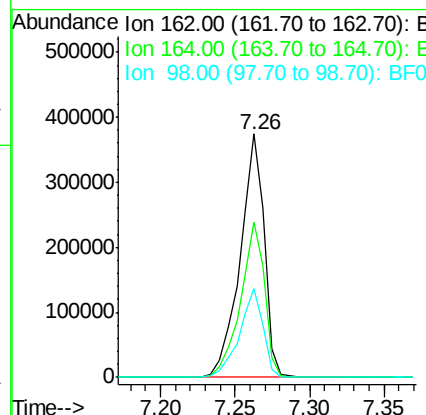
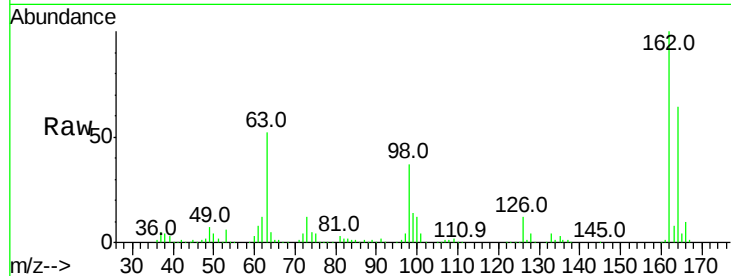
#29
2,4-Dichlorophenol
Concen: 48.49 ng
RT: 7.26 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420087		
164	63.5		44.6	84.6
98	36.6		14.8	54.8

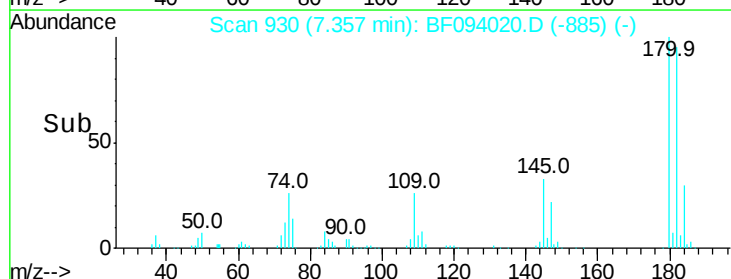
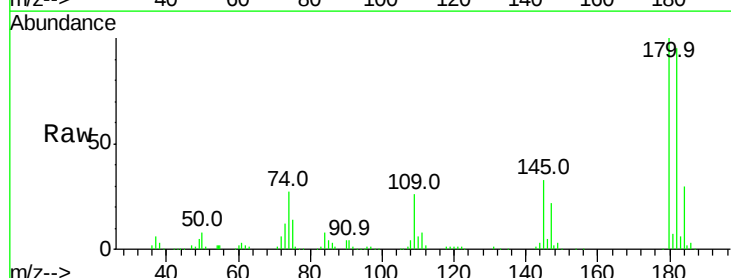
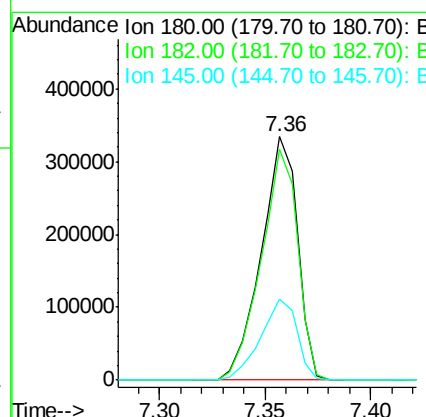
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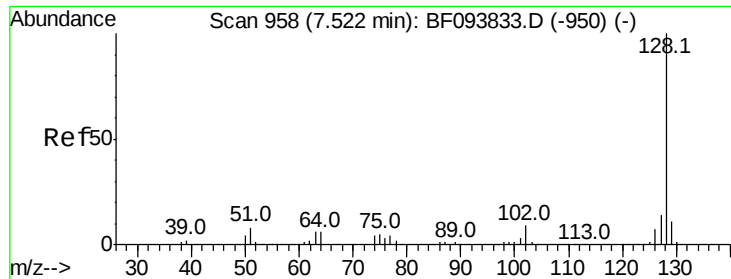
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#30
1,2,4-Trichlorobenzene
Concen: 44.85 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400200		
182	94.9		75.8	113.6
145	33.3		25.3	37.9





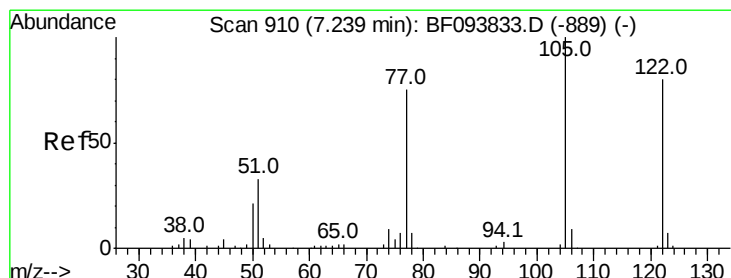
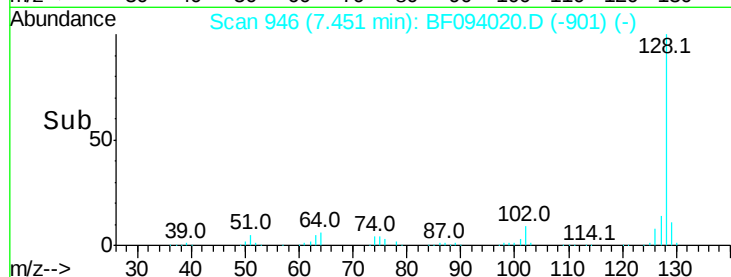
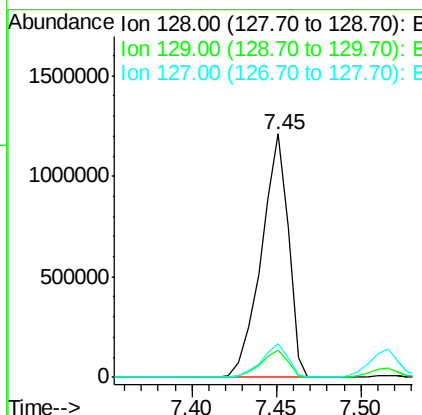
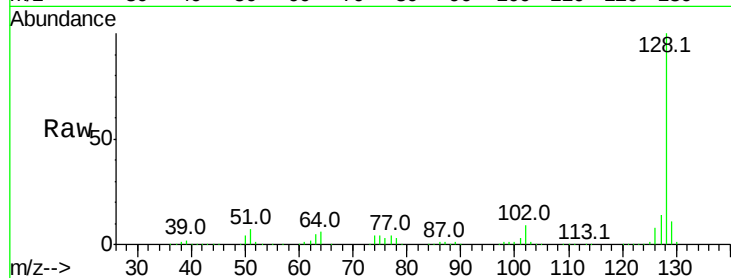
#31
Naphthalene
Concen: 42.70 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion:128 Resp: 1339786
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.9 10.8 16.2

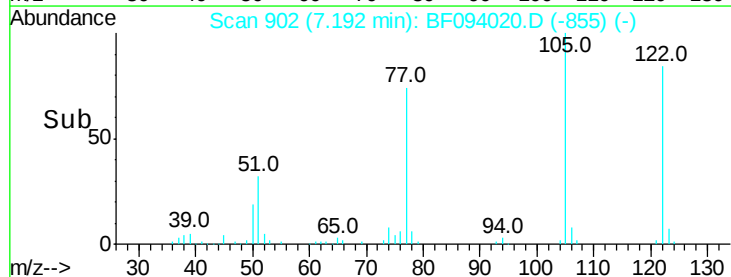
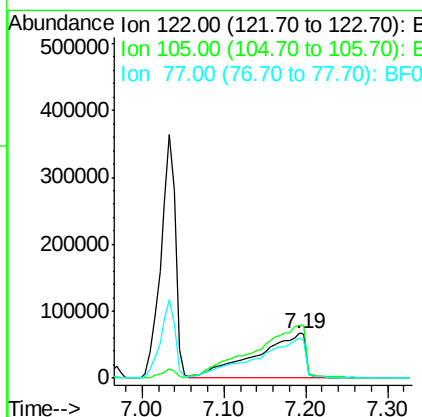
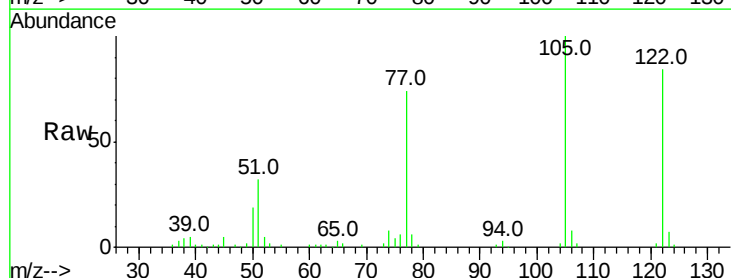
Manual Integrations
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#32
Benzoic acid
Concen: 45.78 ng
RT: 7.19 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion:122 Resp: 282392
Ion Ratio Lower Upper
122 100
105 119.3 103.3 143.3
77 88.2 73.7 113.7





#33

4-Chloroaniline

Concen: 14.70 ng

RT: 7.52 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

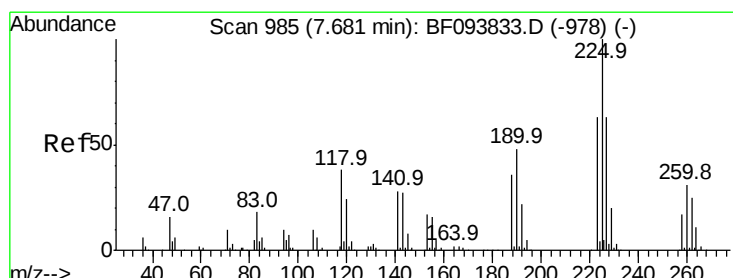
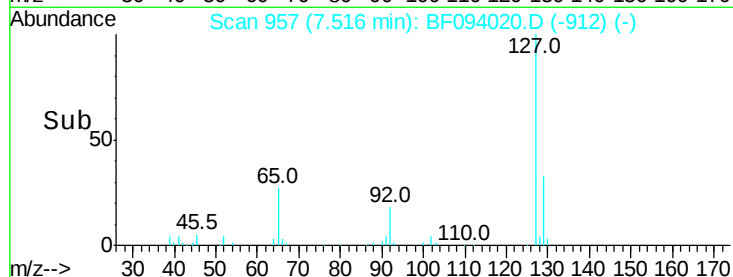
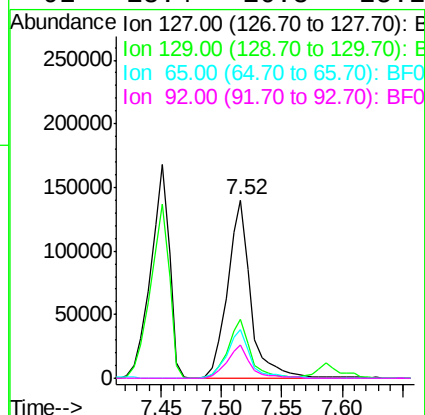
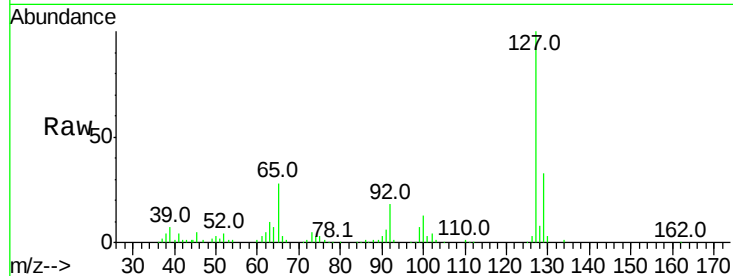
ClientSampleId :

PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.2	39.2	
65	27.6	27.8	41.8	
92	18.4	16.8	25.2	

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#34

Hexachlorobutadiene

Concen: 44.04 ng

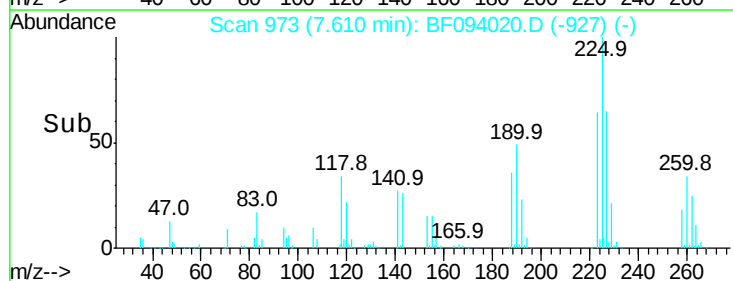
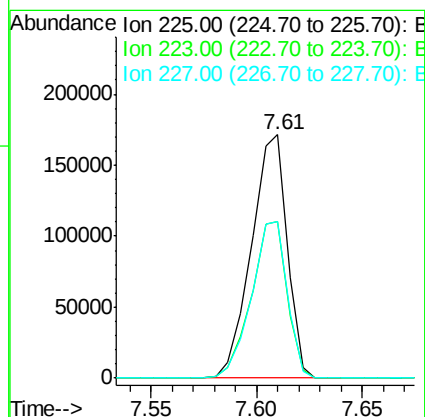
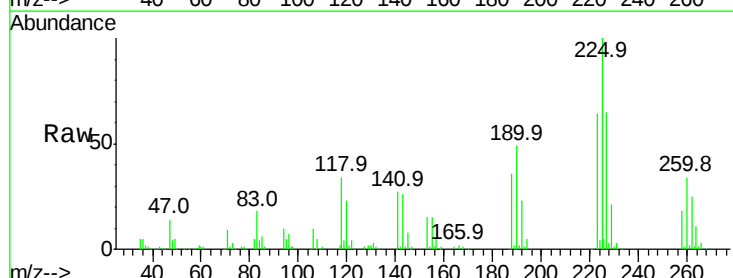
RT: 7.61 min Scan# 973

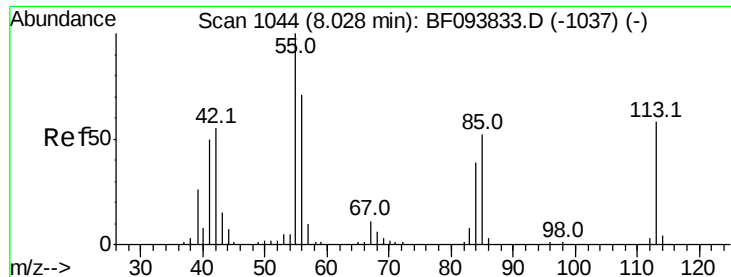
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	48.8	73.2	
227	64.5	51.1	76.7	





#35

Caprolactam

Concen: 51.41 ng/mL

RT: 7.97 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleID :

PB97899BS

Tot Ion:113 Resp: 142024

Ion Ratio Lower Upper

113 100

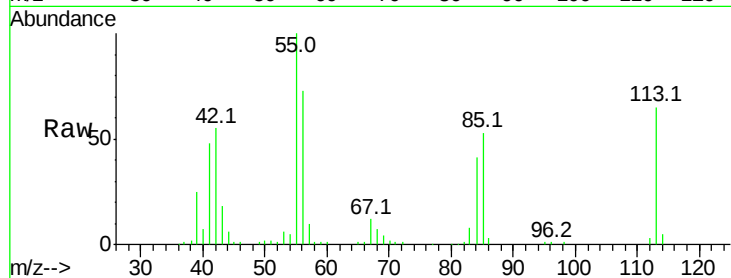
55 155.0 150.2 190.2

56 112.5 107.8 147.8

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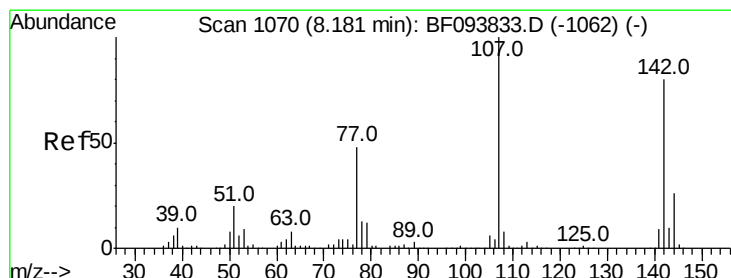
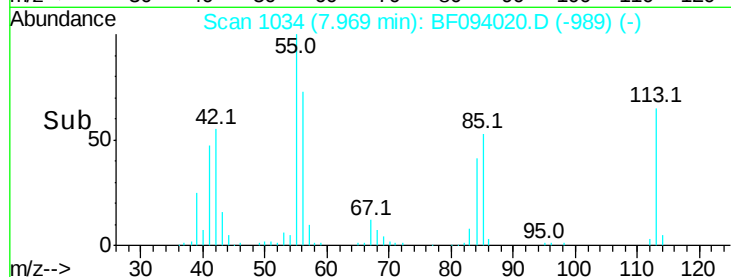
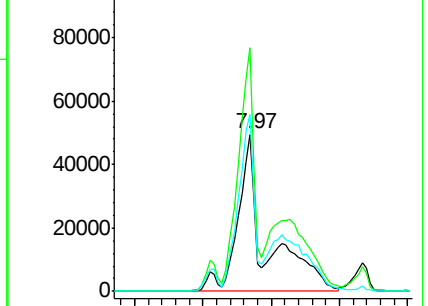
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.19 ng/mL

RT: 8.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

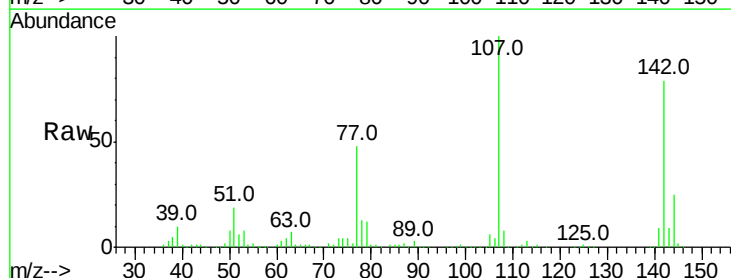
Tgt Ion:107 Resp: 445294

Ion Ratio Lower Upper

107 100

144 24.5 24.2 36.4

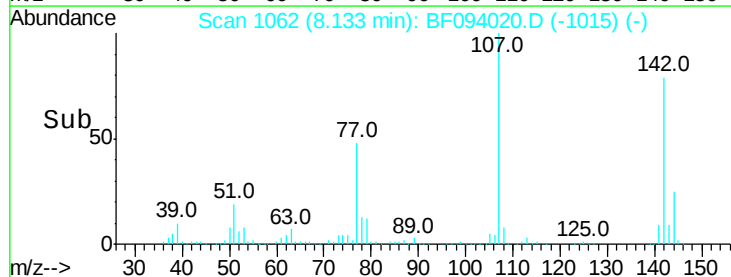
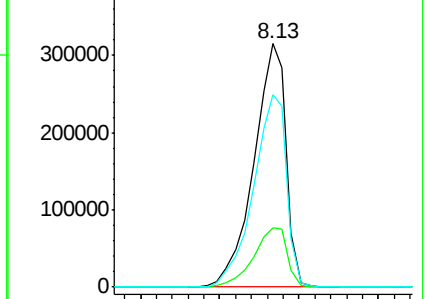
142 79.3 73.4 110.0

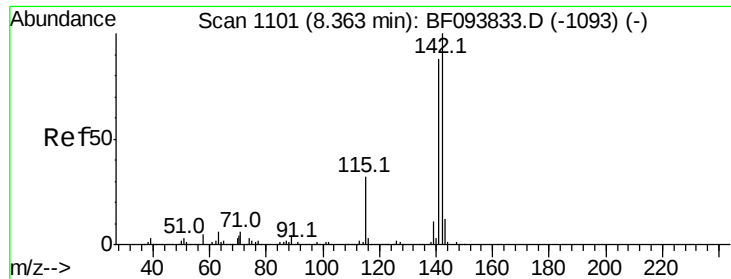


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.30 ng

RT: 8.29 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BF094020.D

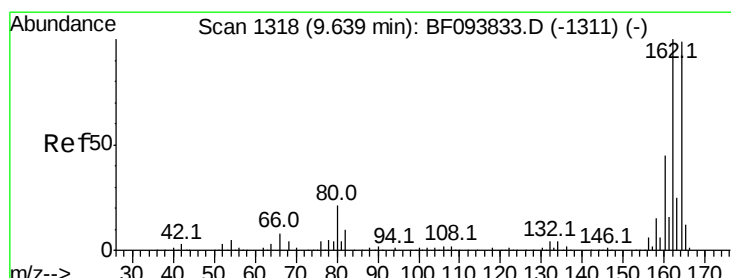
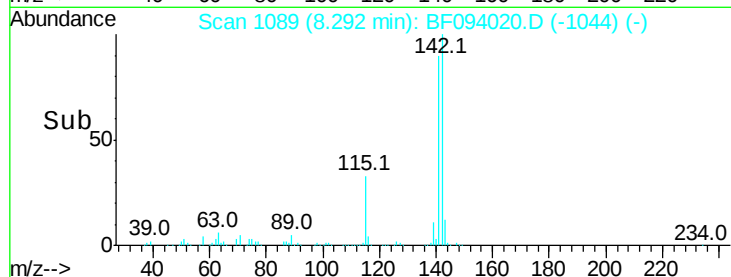
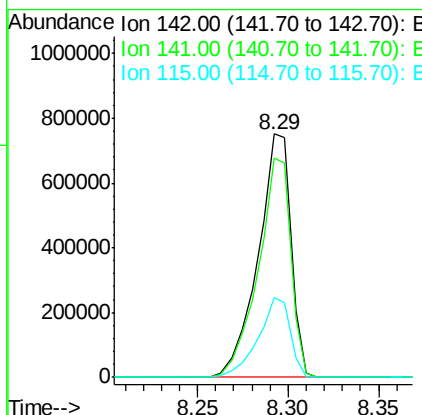
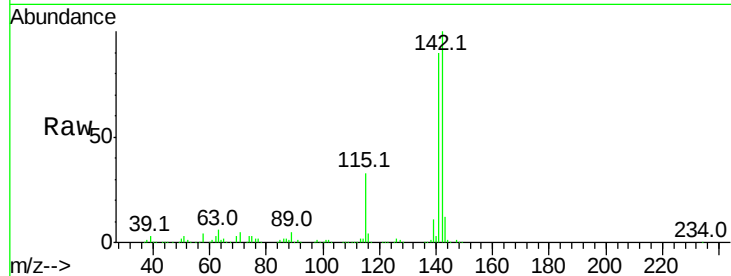
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.6	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

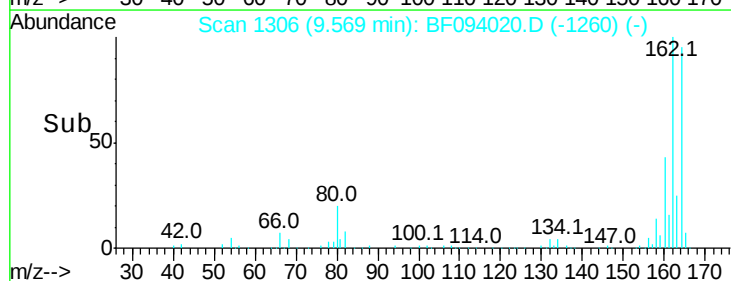
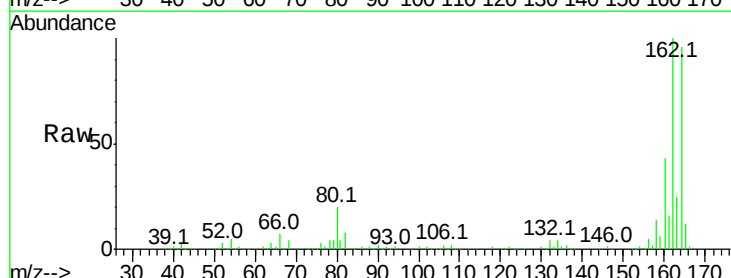
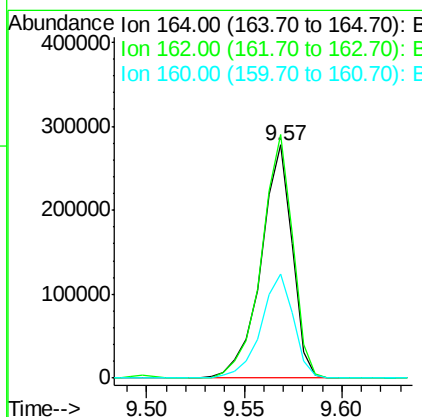
RT: 9.57 min Scan# 1306

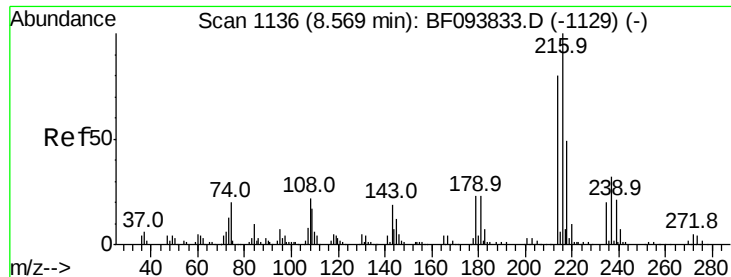
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	44.9	36.2	54.2





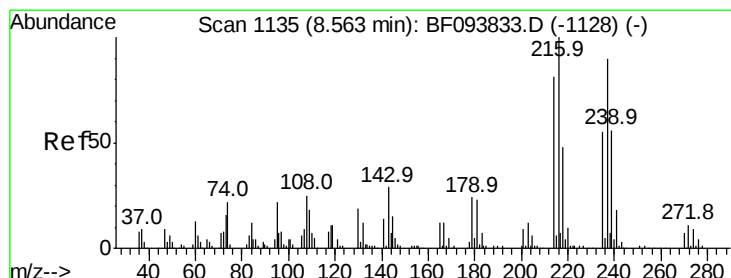
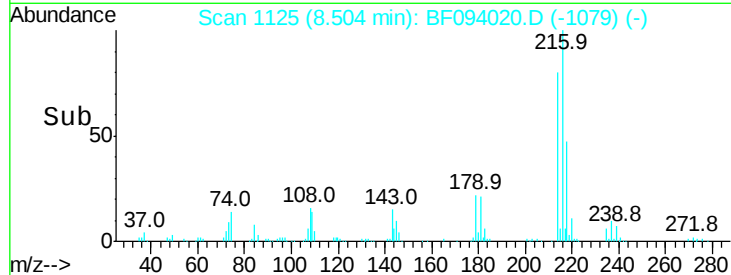
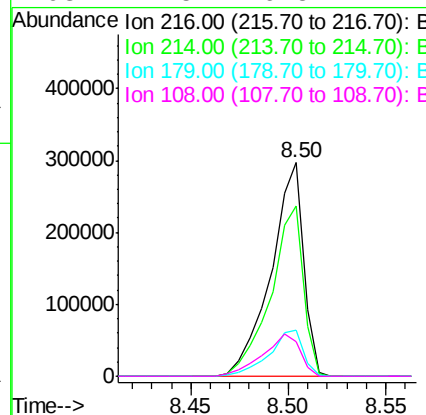
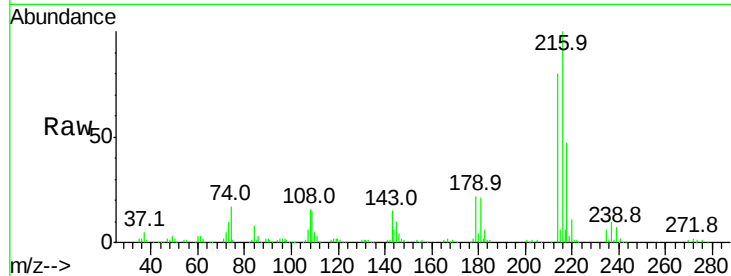
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.11 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	344642		
214	79.5	63.4	95.2	
179	22.3	17.9	26.9	
108	22.5	16.5	24.7	

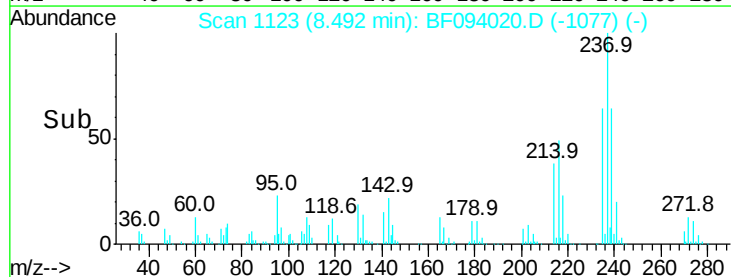
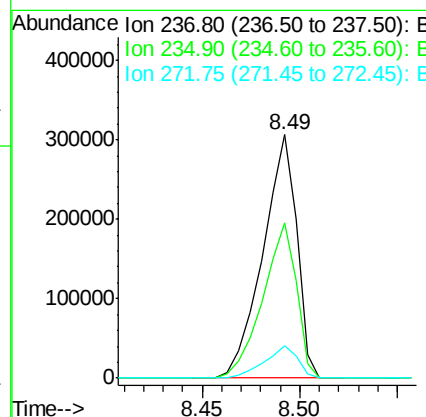
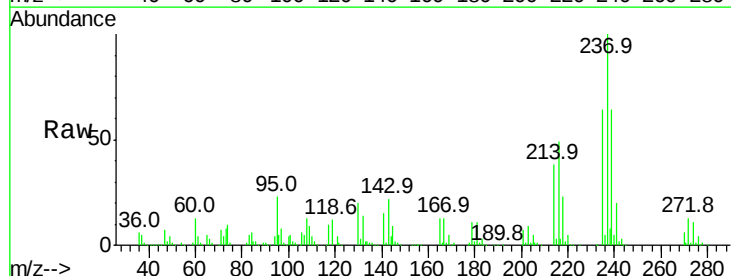
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#40
 Hexachlorocyclopentadiene
 Concen: 93.92 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	368408		
235	63.9	42.6	82.6	
272	13.2	0.0	31.9	





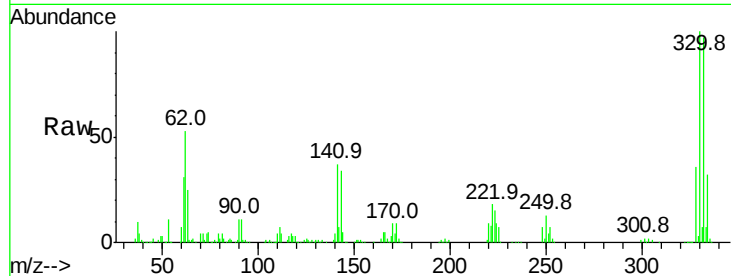
#41
 2,4,6-Tribromophenol
 Concen: 145.02 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

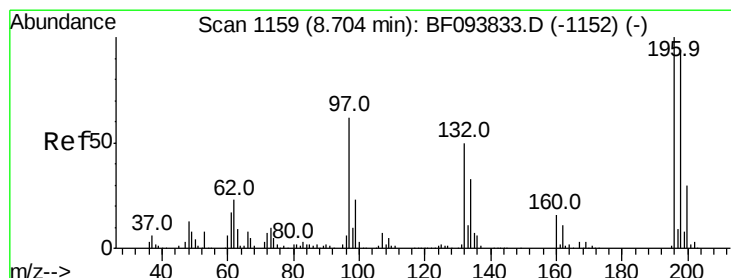
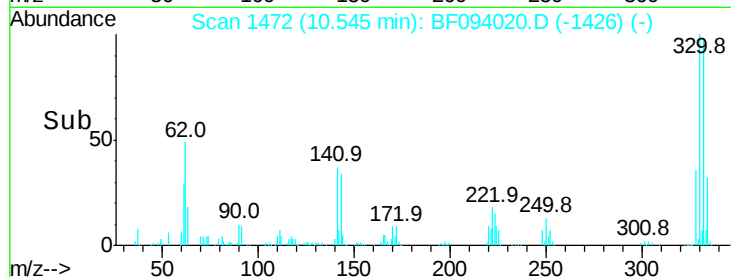
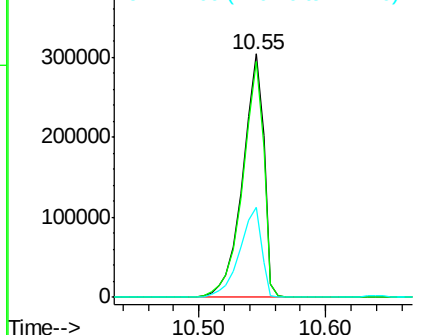
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.6	115.0	
141	38.2	31.4	47.2	

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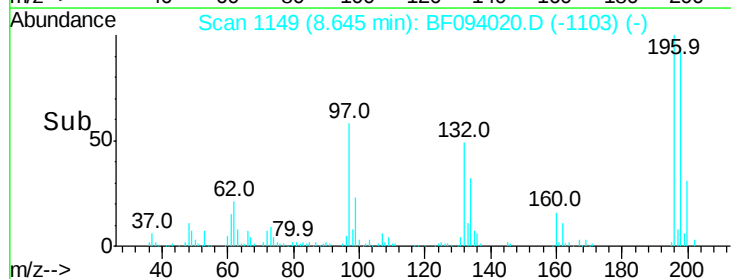
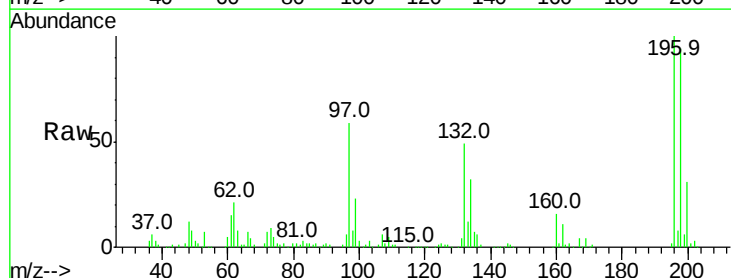
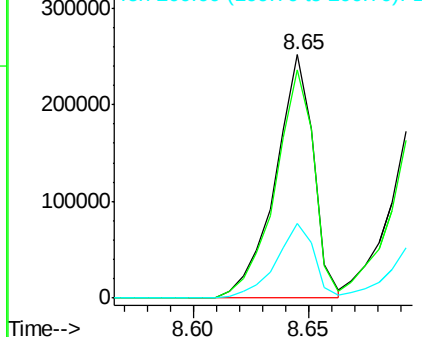
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.44 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.8	74.2	111.4	
200	30.8	24.0	36.0	

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





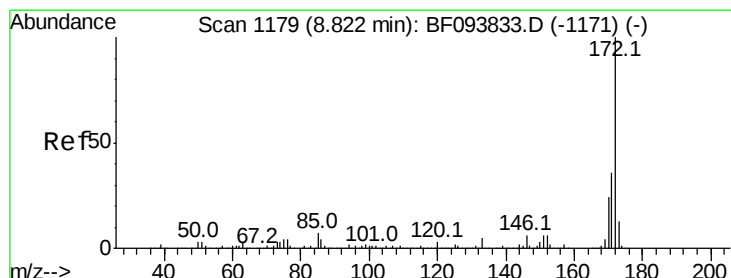
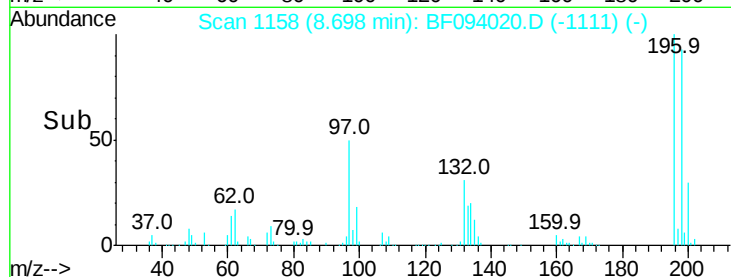
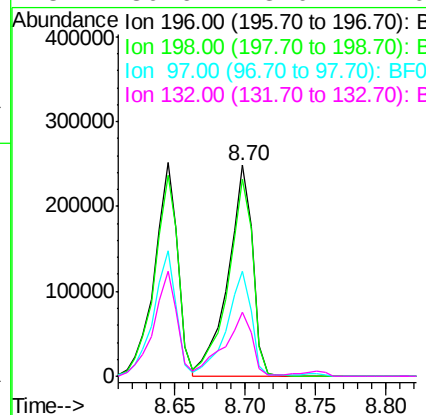
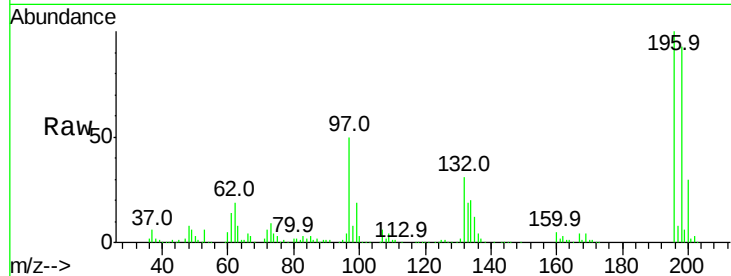
#43
2,4,5-Trichlorophenol
Concen: 46.68 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	299535		
198	93.4		75.7	113.5
97	50.0		47.7	71.5
132	30.6		28.0	42.0

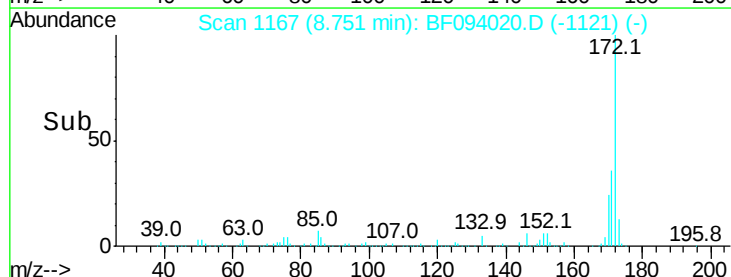
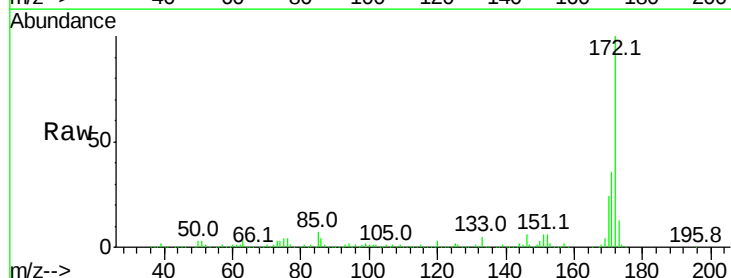
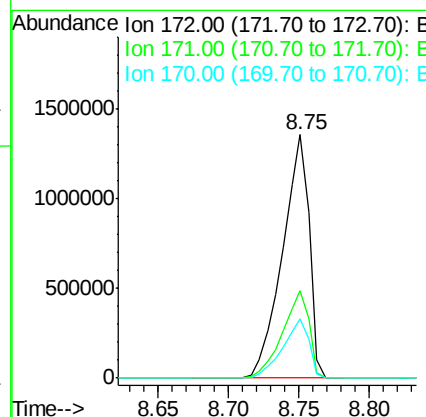
Manual Integrations
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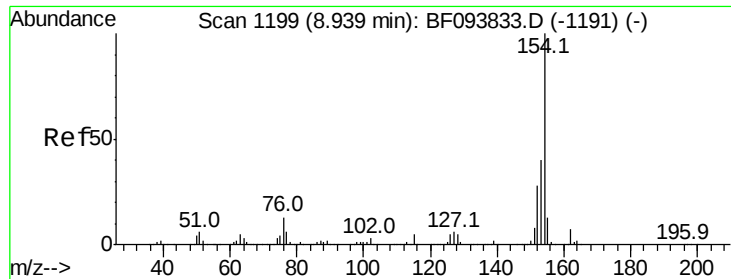
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#44
2-Fluorobiphenyl
Concen: 88.86 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1785253		
171	36.0		29.6	44.4
170	24.2		19.8	29.8





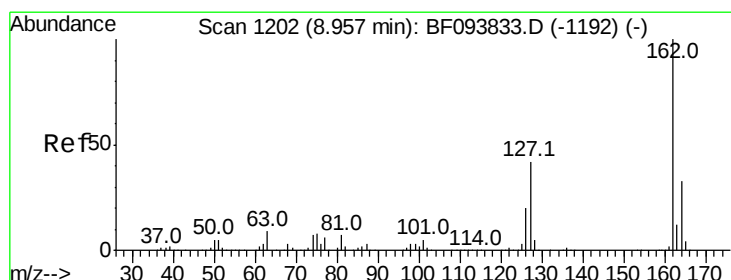
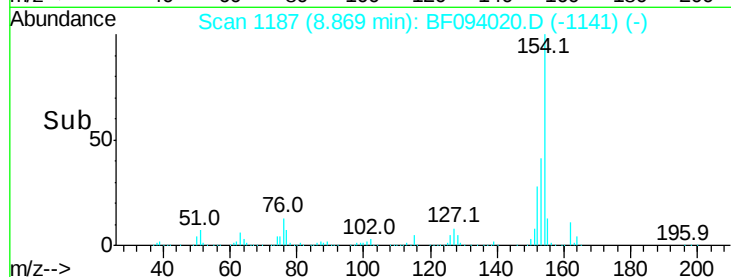
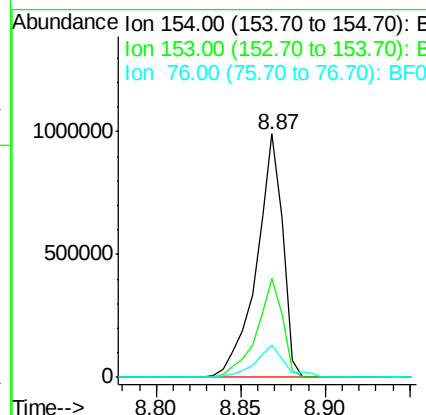
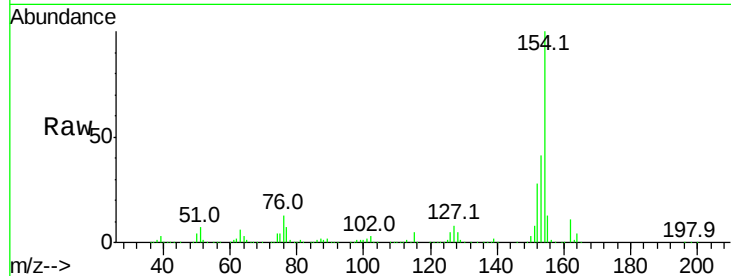
#45
1,1'-Biphenyl
Concen: 43.26 ng
RT: 8.87 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.3	0.0	29.9

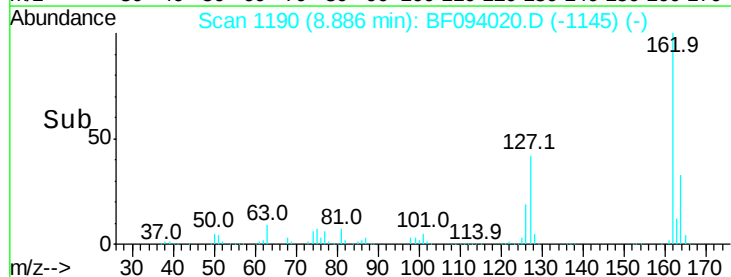
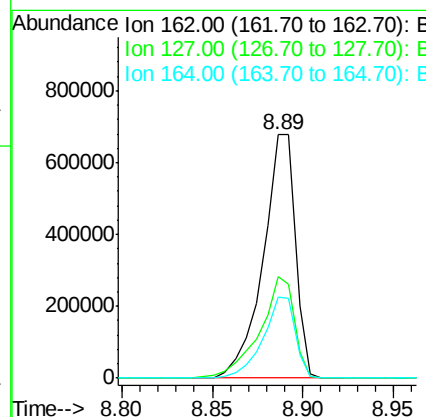
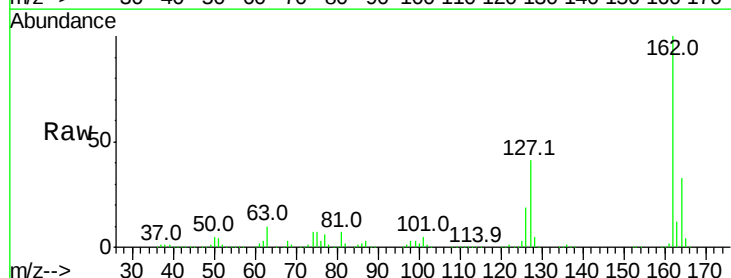
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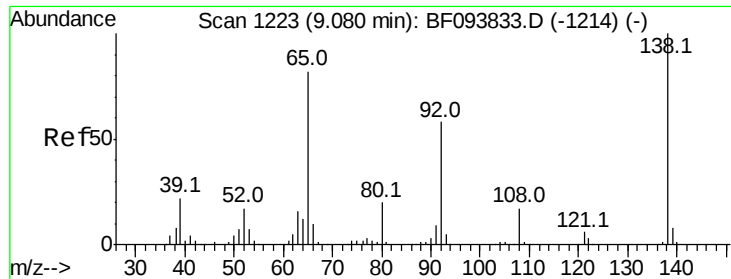
mohammad
3/30/2017 2:31:28 PM



#46
2-Chloronaphthalene
Concen: 43.57 ng
RT: 8.89 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	28.3	42.5
164	33.2	27.0	40.4





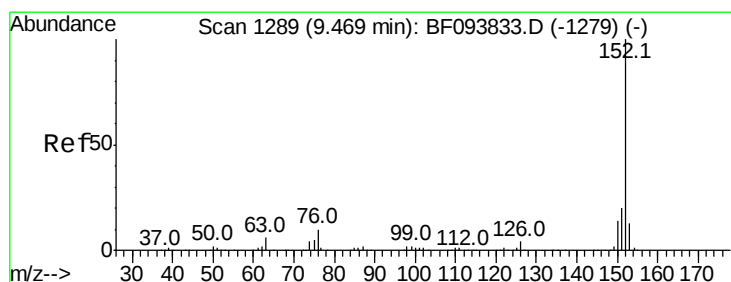
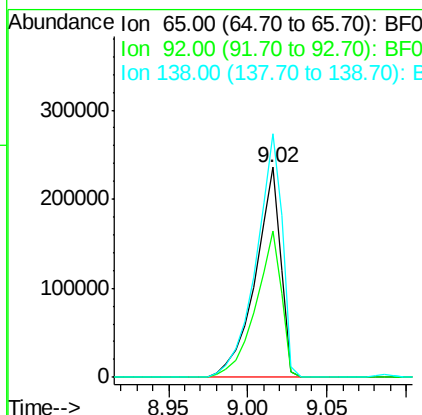
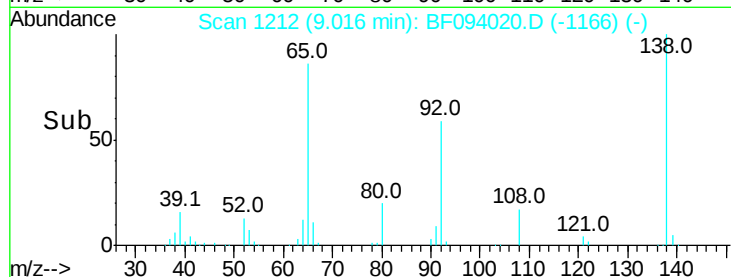
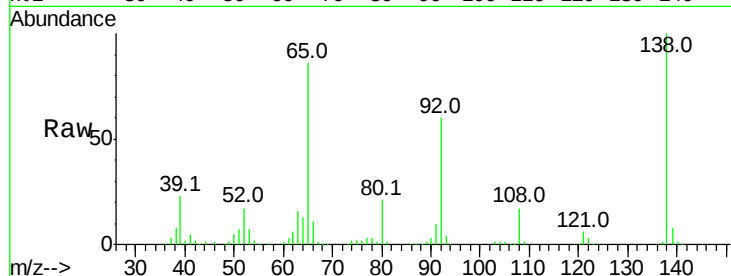
#47
 2-Nitroaniline
 Concen: 45.96 ng
 RT: 9.02 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	115.8	78.8	118.2

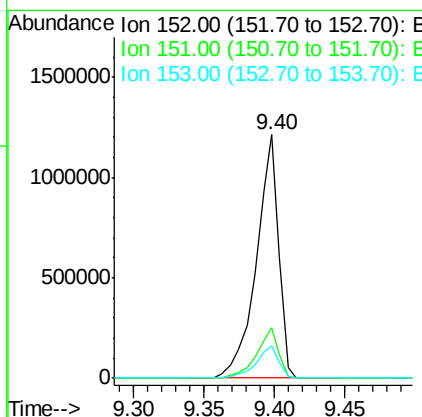
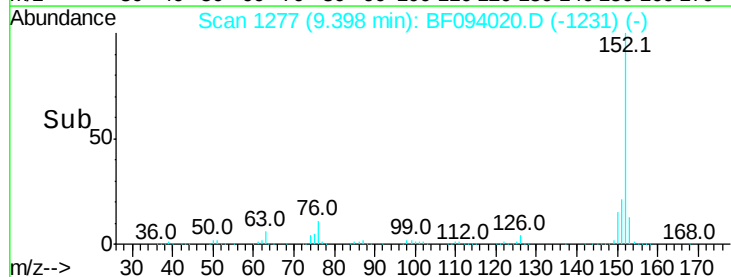
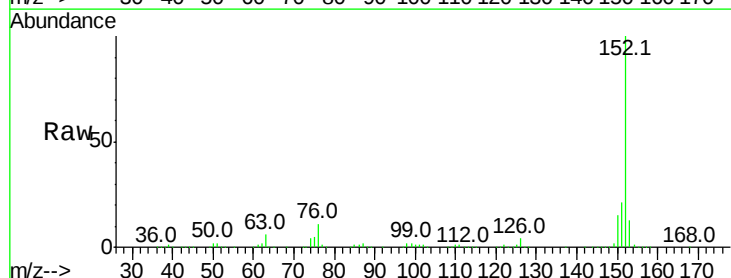
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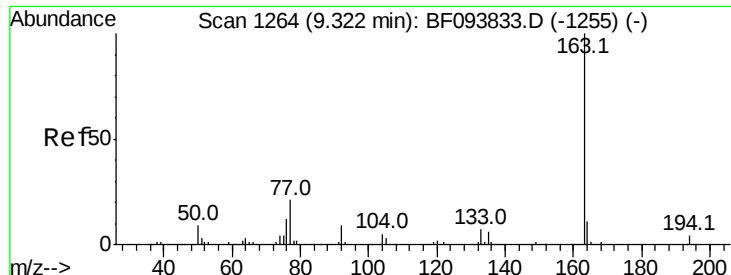
mohammad
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#48
 Acenaphthylene
 Concen: 41.96 ng
 RT: 9.40 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.4	10.8	16.2





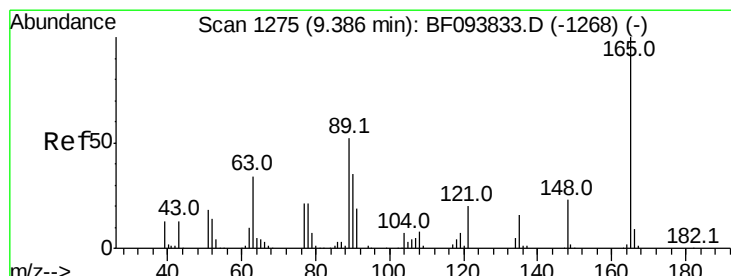
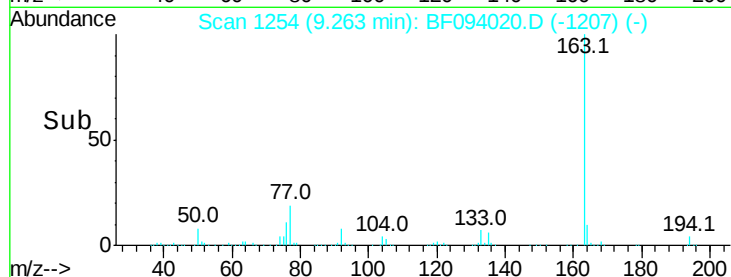
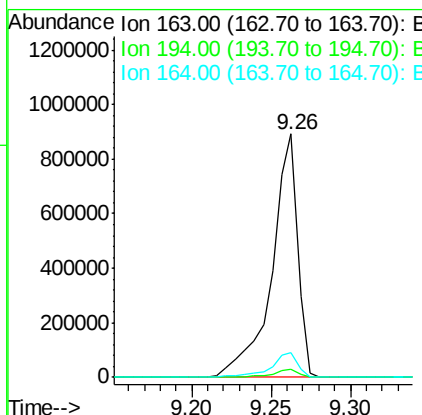
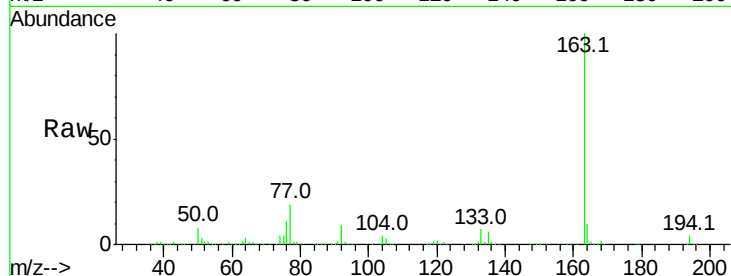
#49
 Dimethylphthalate
 Concen: 46.68 ng
 RT: 9.26 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion:	163	Resp:	1016715
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6

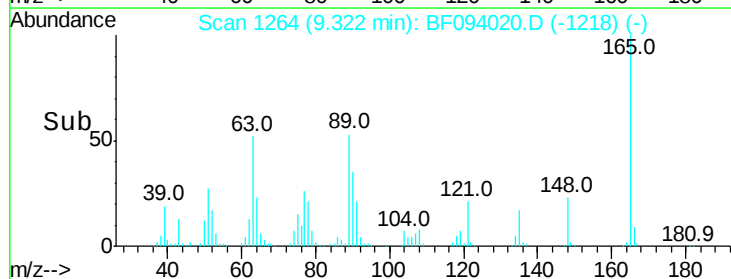
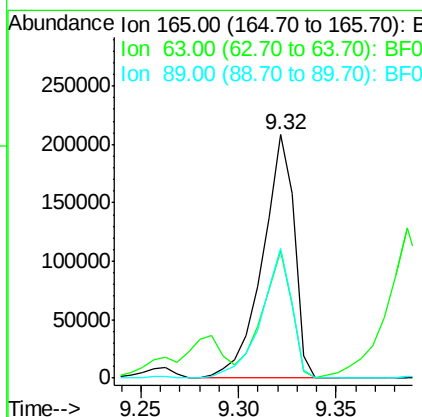
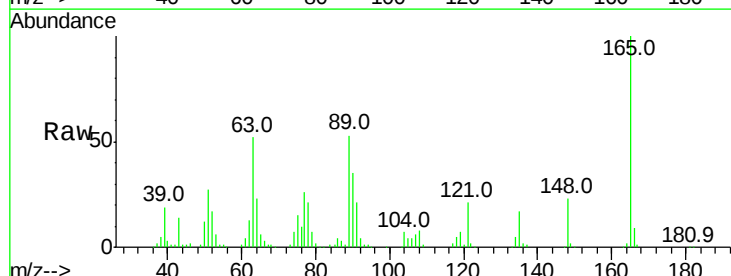
Manual Integrations
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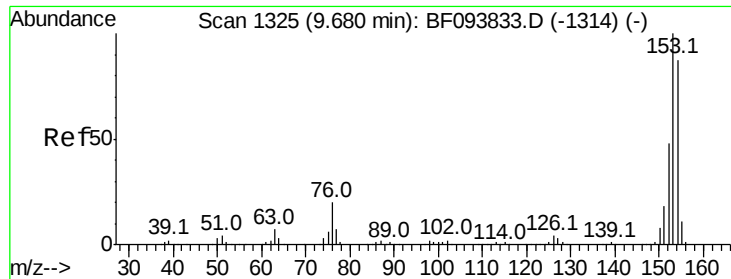
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#50
 2,6-Dinitrotoluene
 Concen: 47.01 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion:	165	Resp:	234724
Ion	Ratio	Lower	Upper
165	100		
63	52.2	34.3	51.5#
89	53.1	37.1	55.7





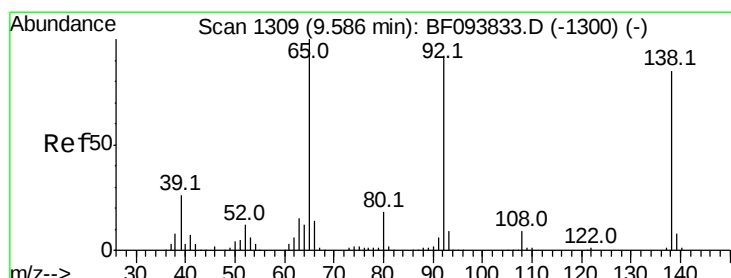
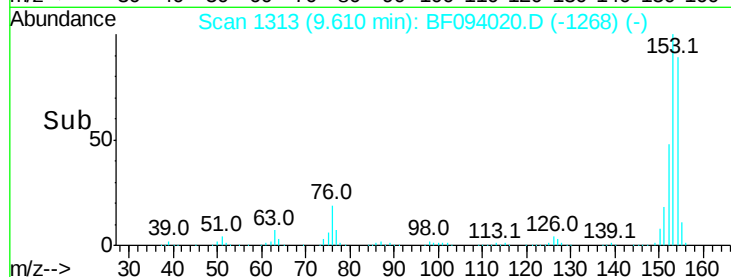
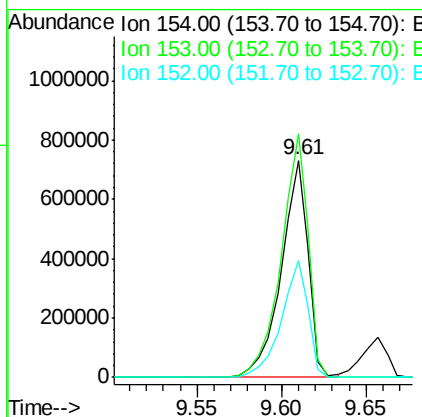
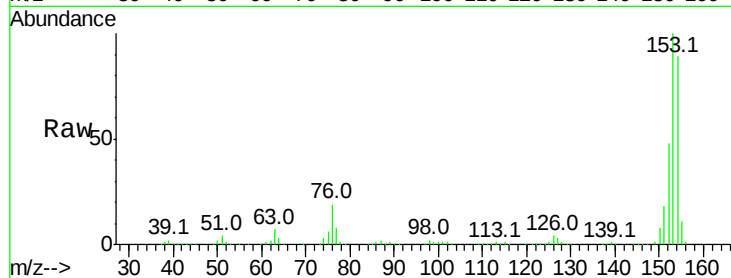
#51
Acenaphthene
Concen: 43.28 ng
RT: 9.61 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	54.0	43.6	65.4

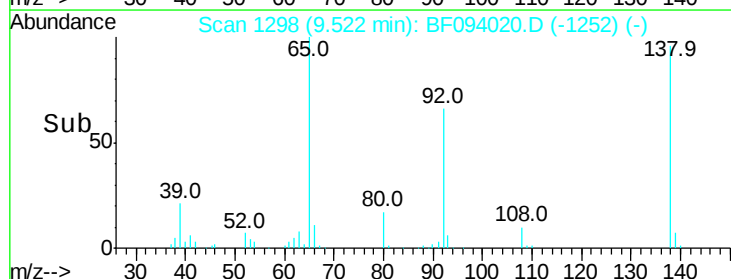
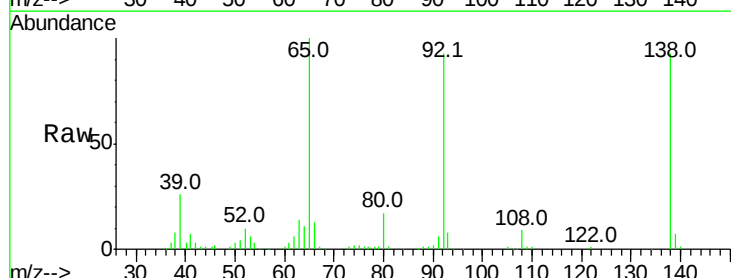
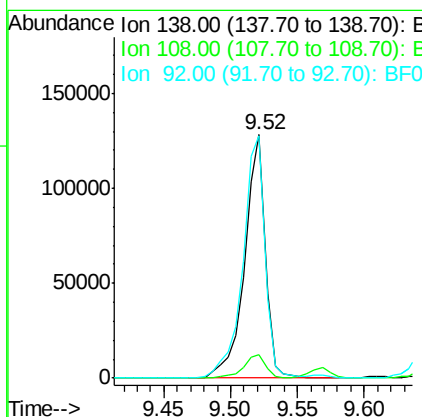
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#52
3-Nitroaniline
Concen: 23.23 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	99.6	93.8	140.6





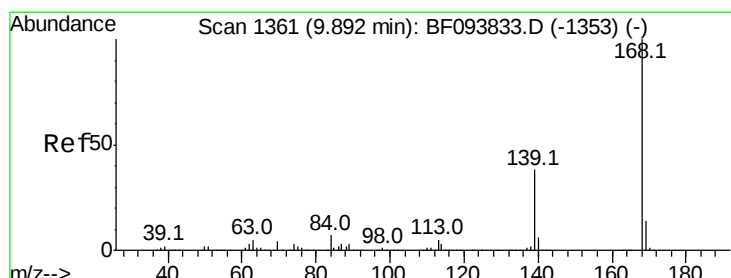
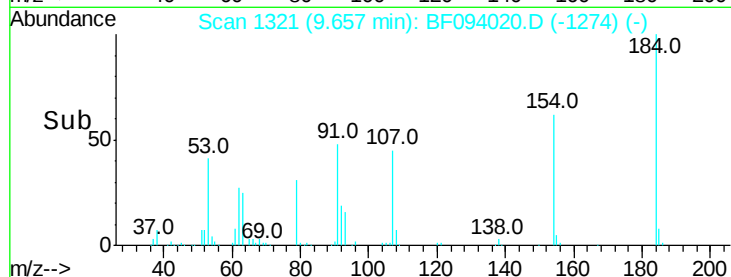
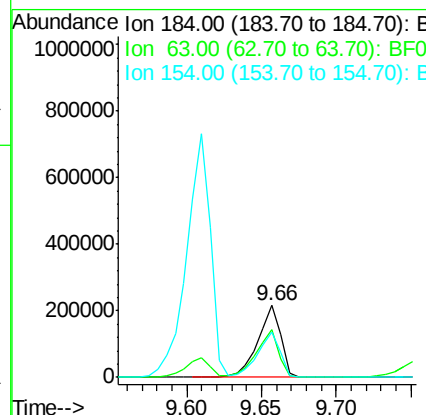
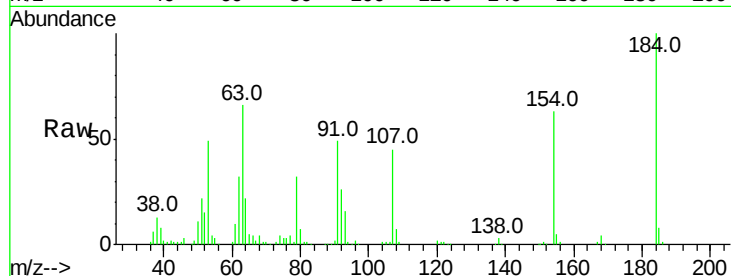
#53
 2,4-Dinitrophenol
 Concen: 85.85 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.7	62.7	94.1
154	63.4	81.1	121.7#

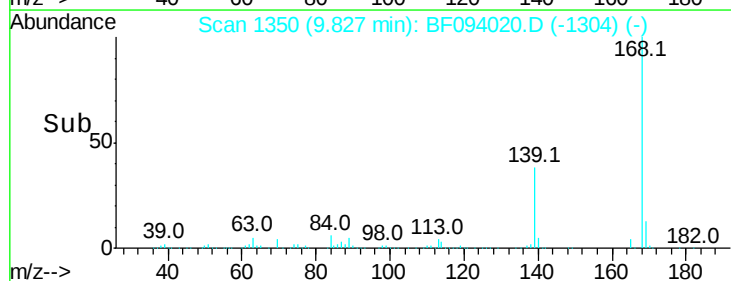
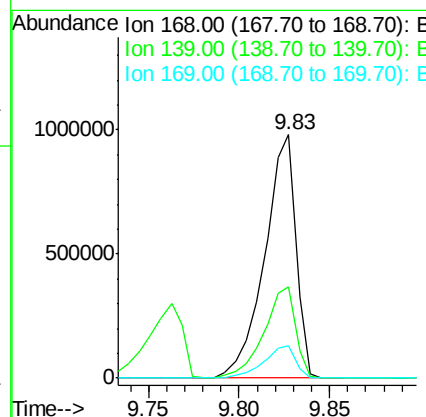
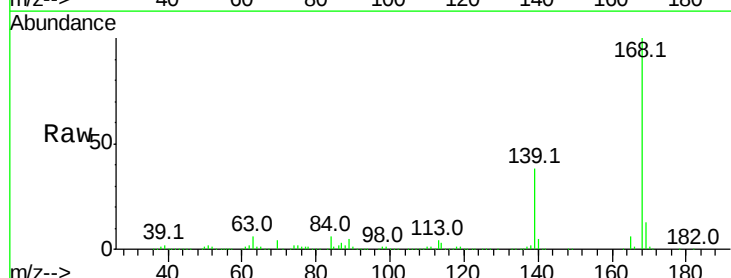
Manual Integrations
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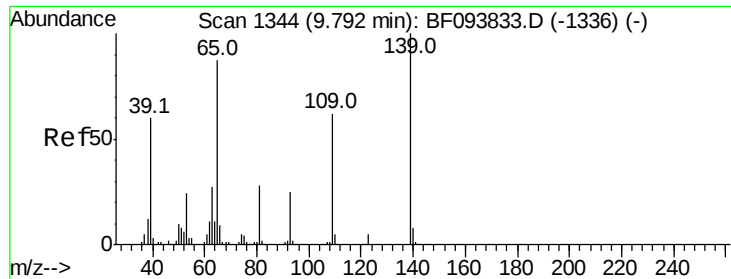
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#54
 Dibenzofuran
 Concen: 45.99 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.6	45.8
169	13.3	10.8	16.2





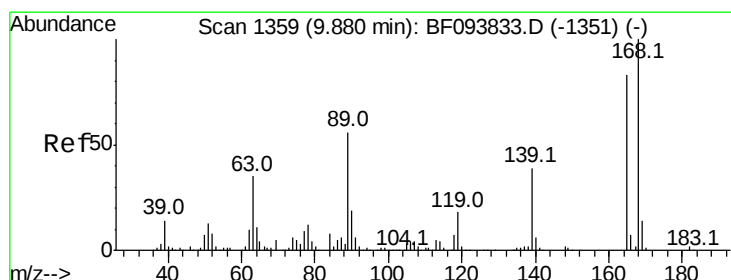
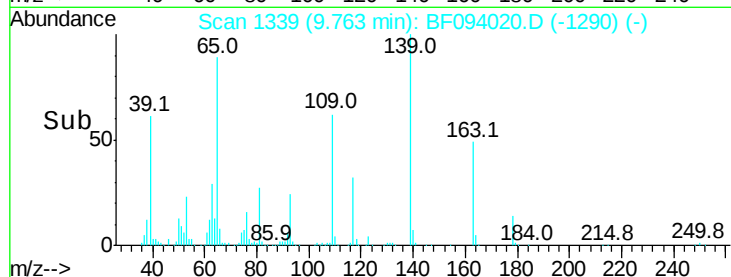
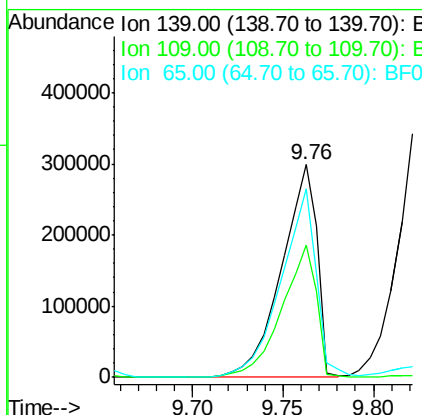
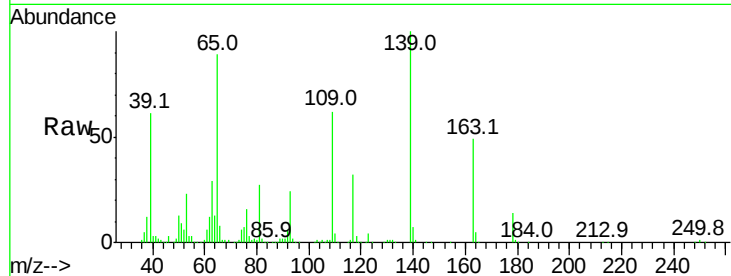
#55
4-Nitrophenol
Concen: 89.17 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.4	34.1	74.1
65	88.8	31.4	71.4

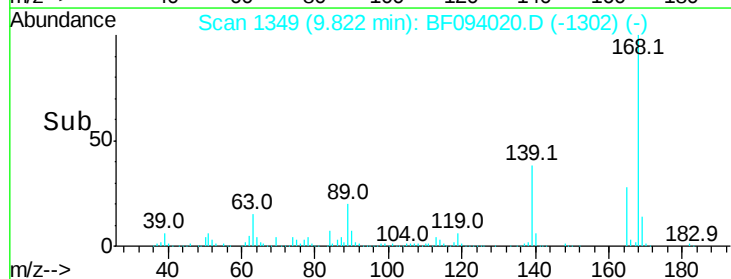
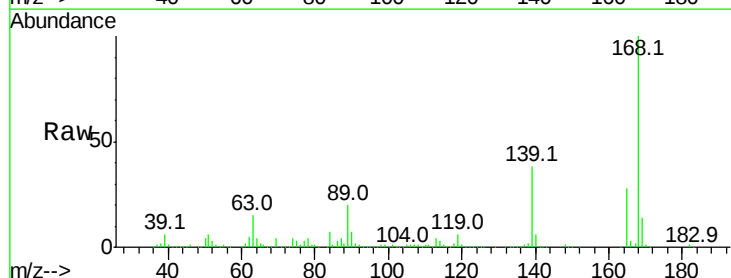
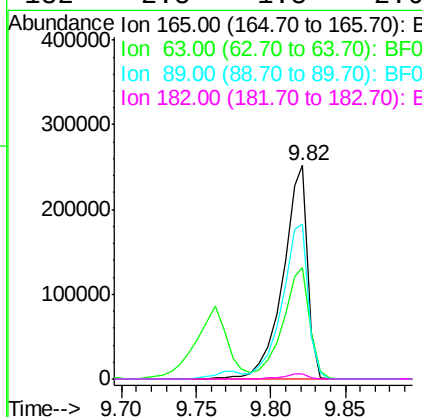
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#56
2,4-Dinitrotoluene
Concen: 46.50 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	25.4	38.0
89	72.3	46.4	69.6
182	2.5	1.8	2.6





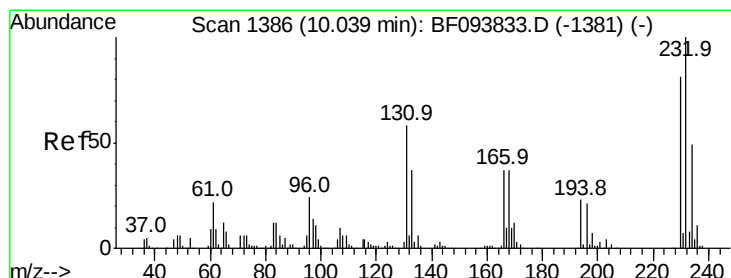
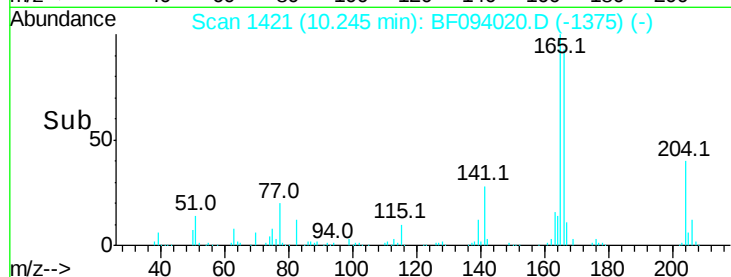
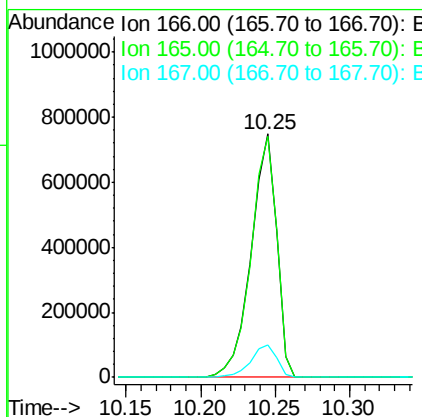
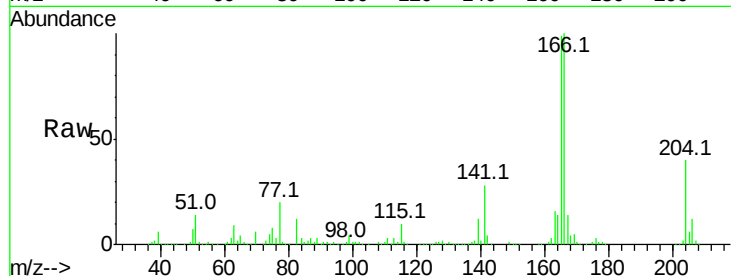
#57
Fluorene
 Concen: 41.33 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	78.8	118.2	
167	13.6	10.6	16.0	

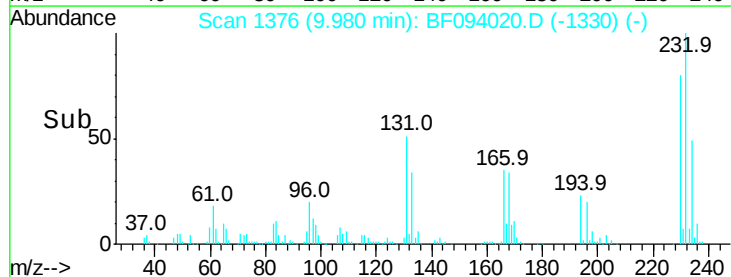
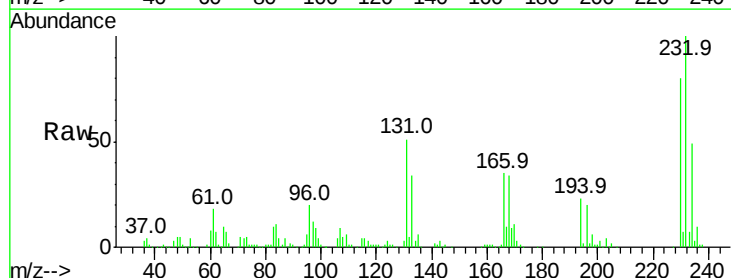
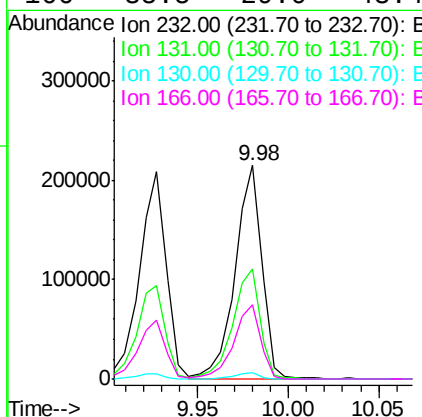
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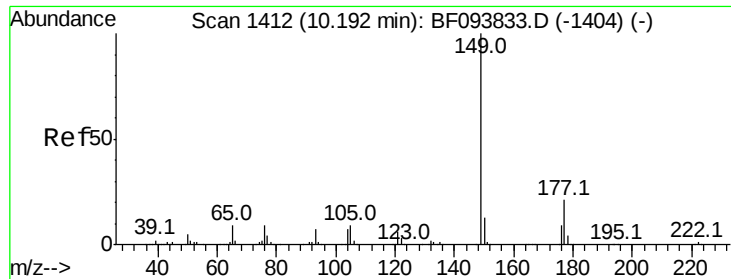
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.71 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	44.8	67.2	
130	2.7	2.3	3.5	
166	35.5	29.0	43.4	





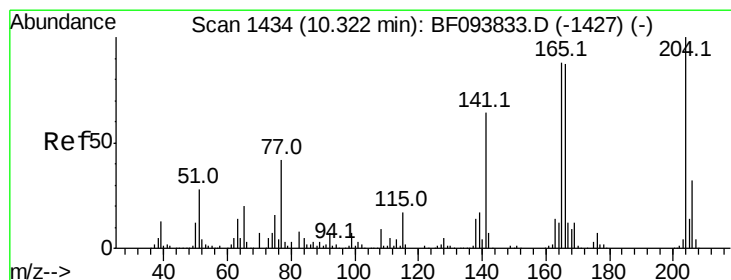
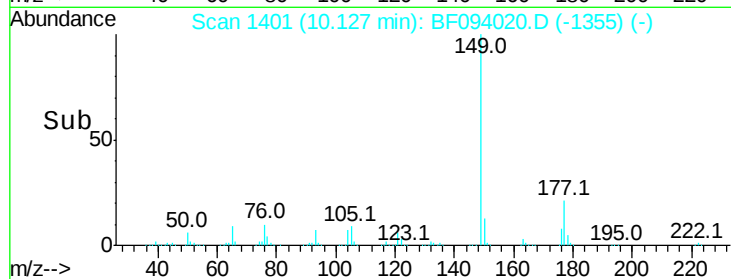
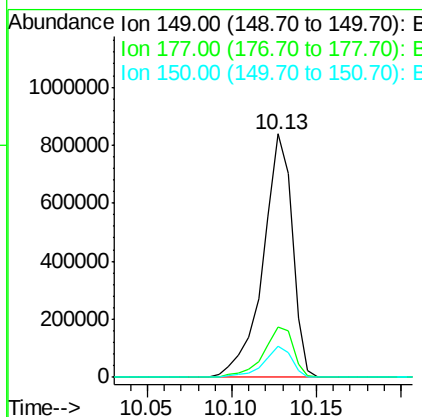
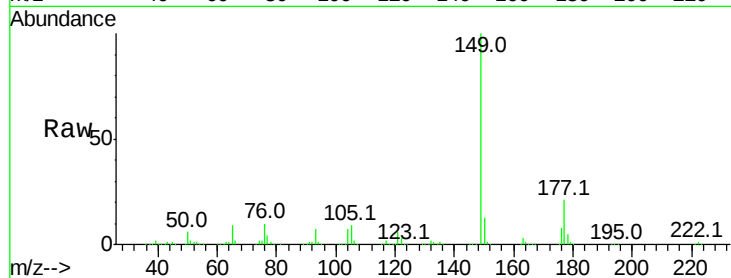
#59
Diethylphthalate
Concen: 46.93 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampled :
PB97899BS

Tot Ion:149 Resp: 1010416
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.6 10.2 15.2

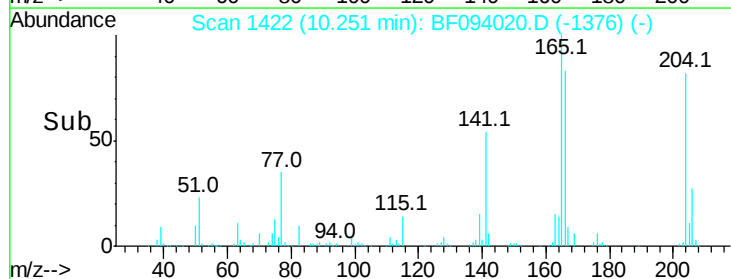
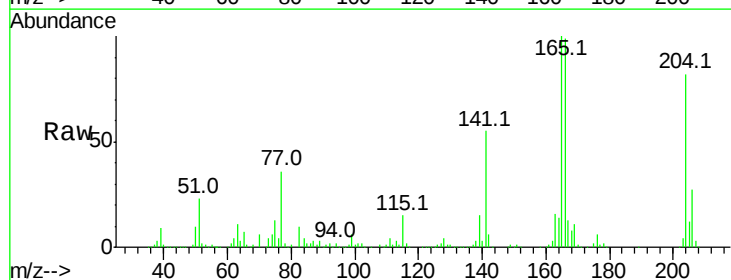
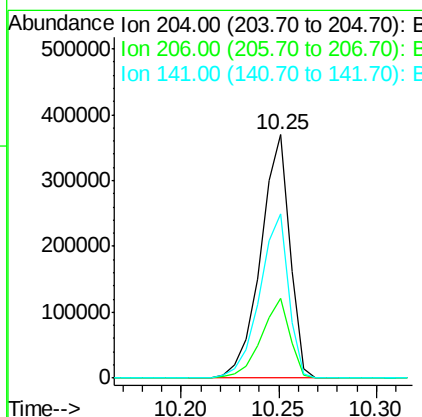
Manual Integrations
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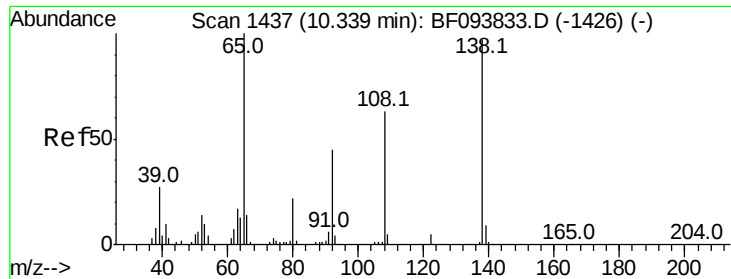
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#60
4-Chlorophenyl-phenylether
Concen: 42.34 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion:204 Resp: 382003
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 67.3 60.8 91.2





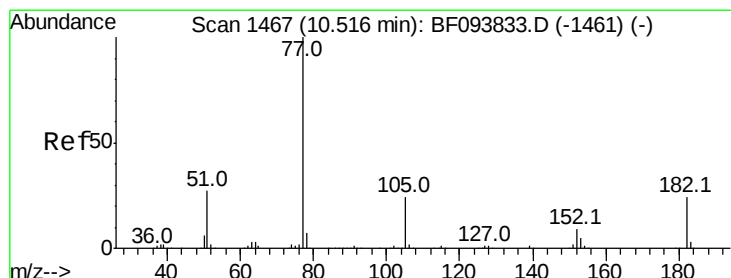
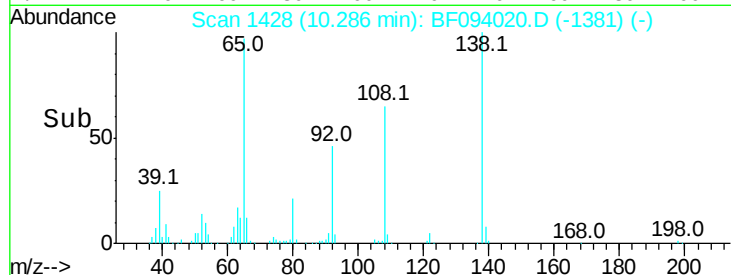
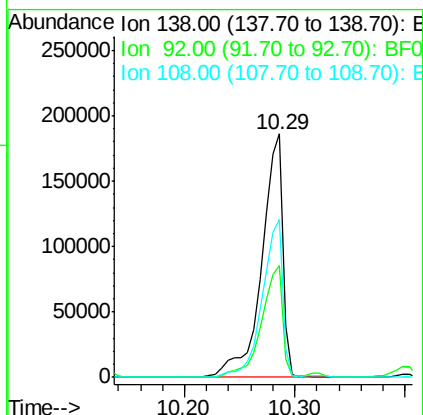
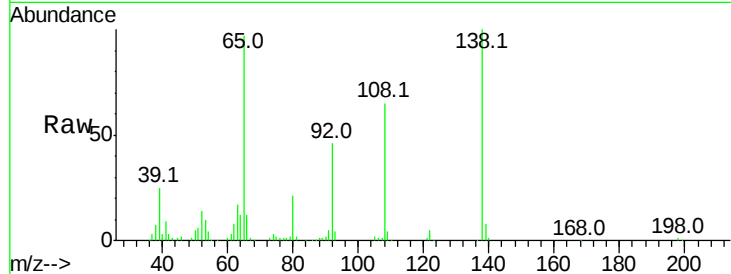
#61
4-Nitroaniline
Concen: 44.72 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampled :
PB97899BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	21.8	61.8
108	64.8	42.3	82.3

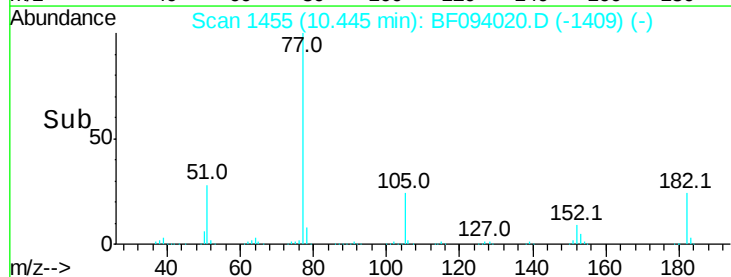
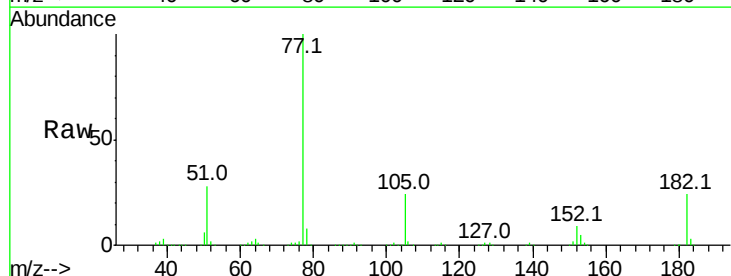
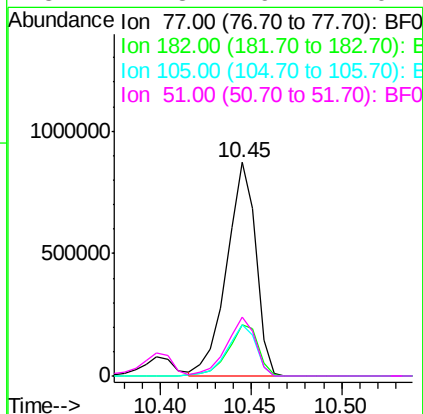
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#62
Azobenzene
Concen: 47.72 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	0.1	40.1
105	23.9	3.6	43.6
51	27.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

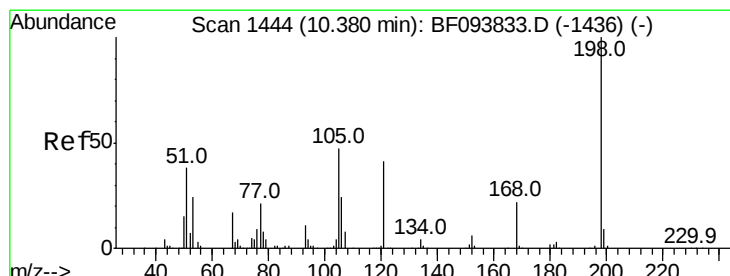
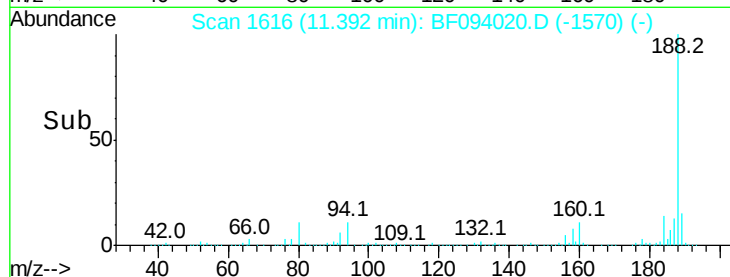
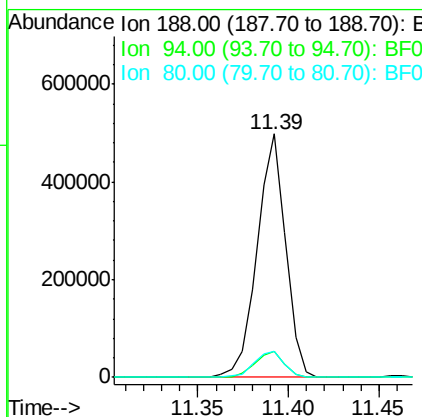
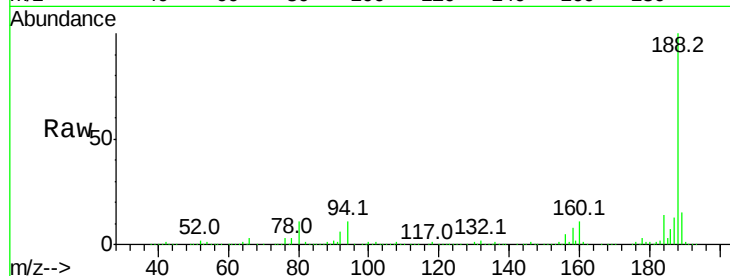
ClientSampleId :

PB97899BS

Tot Ion:	188	Resp:	543904
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	10.8	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.39 ng

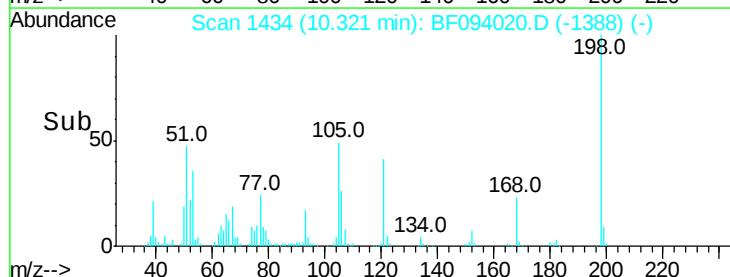
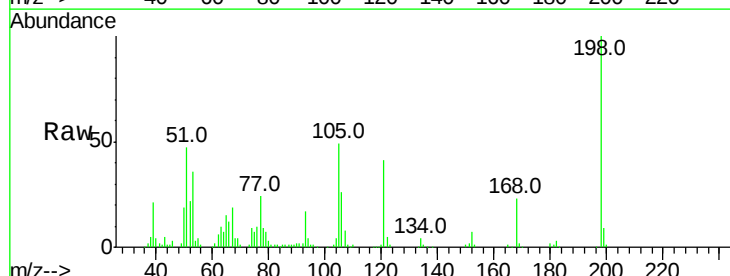
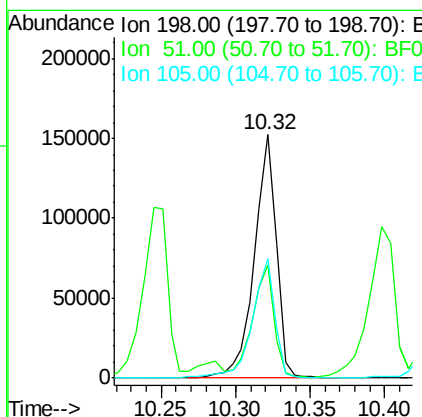
RT: 10.32 min Scan# 1434

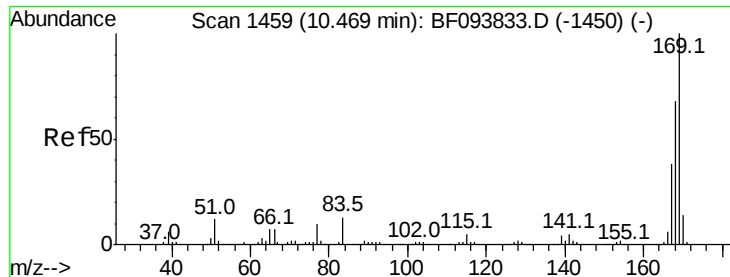
Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	198	Resp:	154537
Ion Ratio	Lower	Upper	
198	100		
51	46.6	53.2	93.2#
105	49.1	45.8	85.8





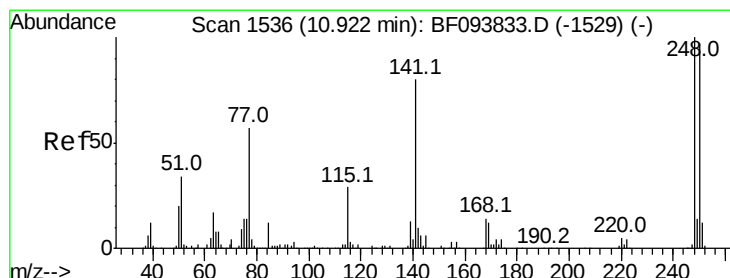
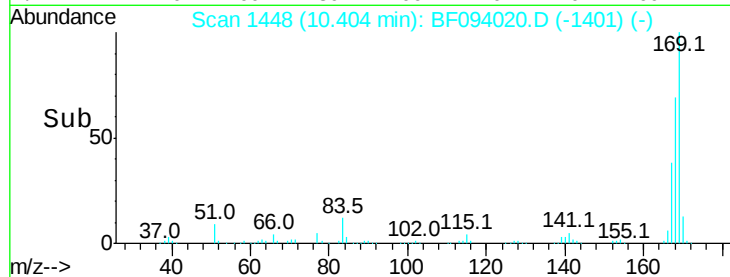
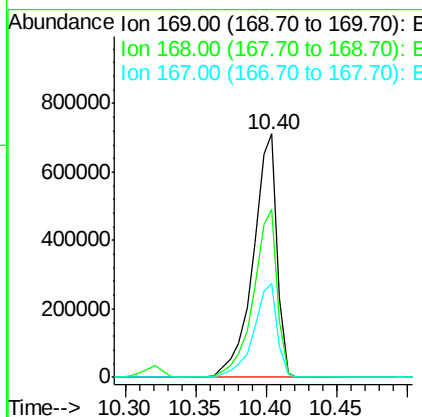
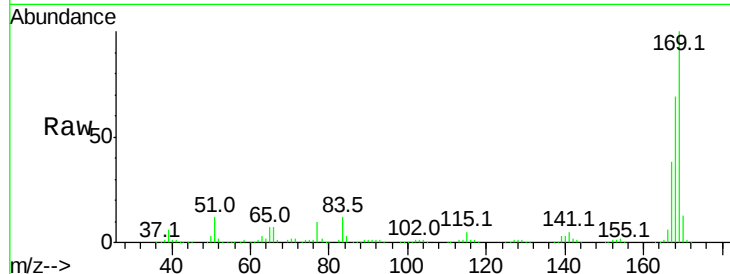
#65
 n-Nitrosodiphenylamine
 Concen: 44.95 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	845476		
168	68.9	53.2	79.8	
167	38.5	29.5	44.3	

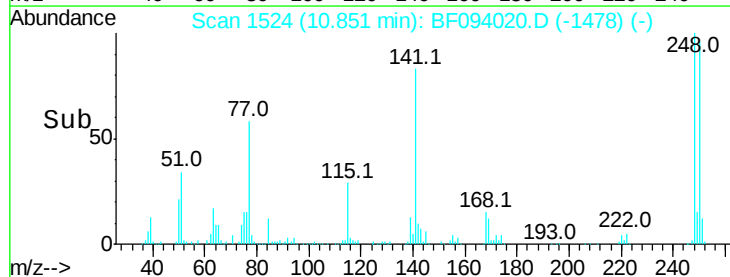
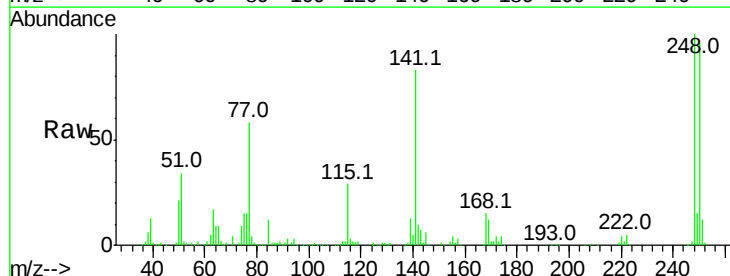
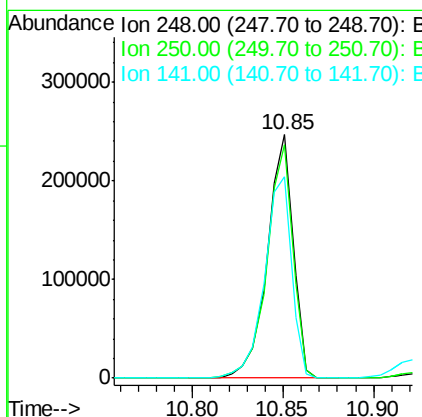
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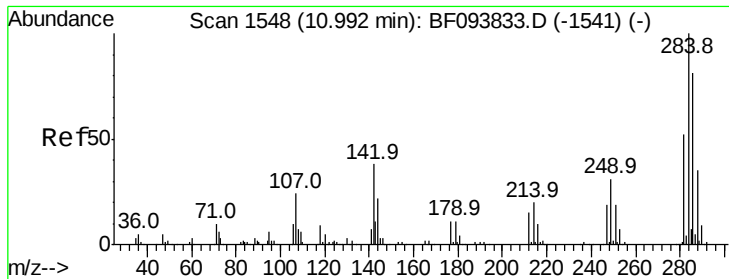
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#66
 4-Bromophenyl-phenylether
 Concen: 45.85 ng
 RT: 10.85 min Scan# 1524
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245284		
250	96.0	76.8	115.2	
141	82.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 46.46 ng

RT: 10.92 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

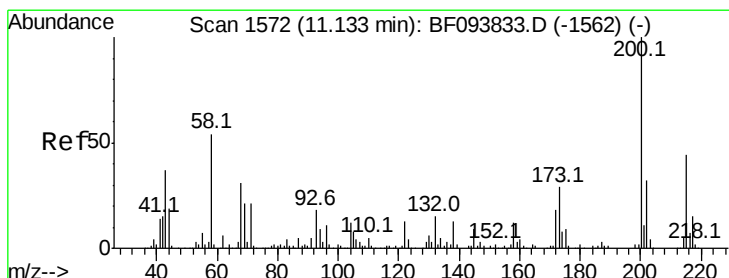
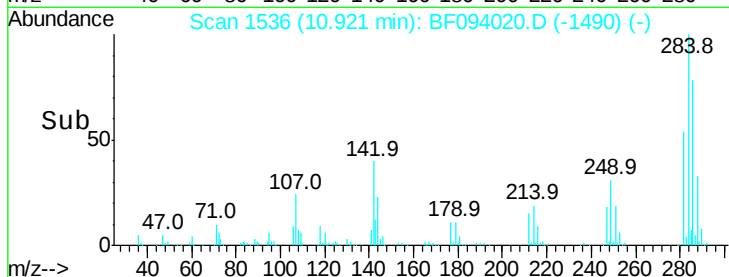
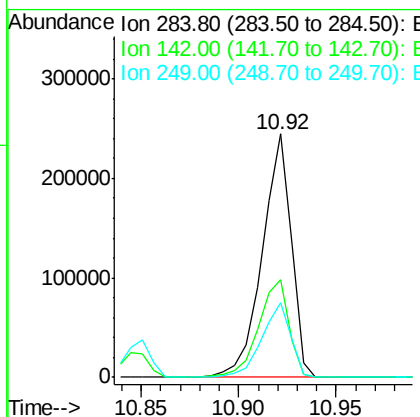
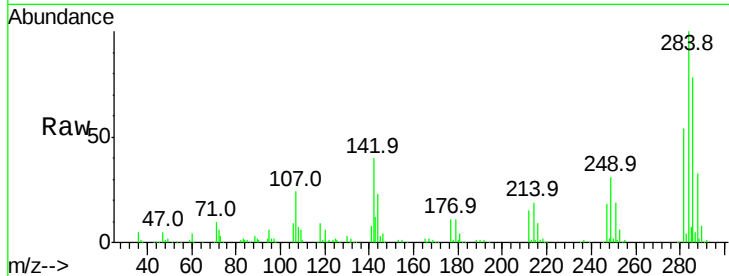
ClientSampleId :

PB97899BS

Tot Ion:	284	Resp:	251612
Ion Ratio		Lower	Upper
284	100		
142	40.0	22.8	34.2#
249	30.8	24.0	36.0

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#68

Atrazine

Concen: 46.05 ng

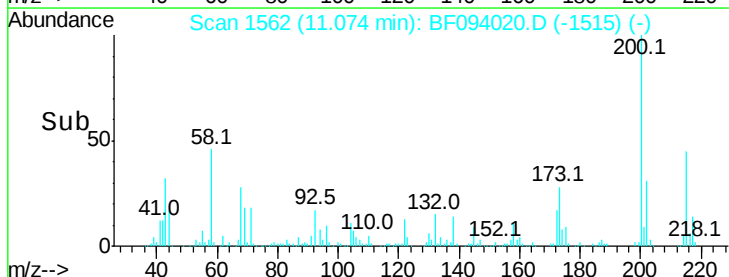
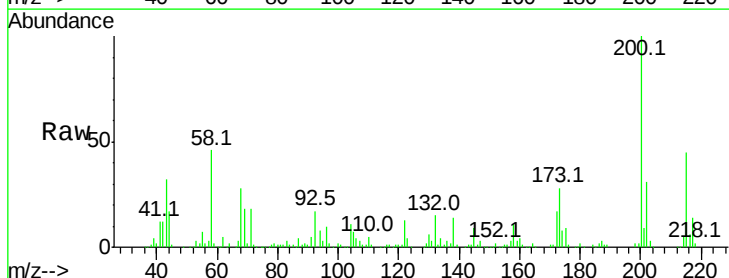
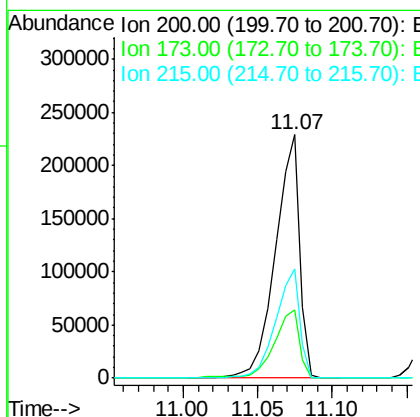
RT: 11.07 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:	200	Resp:	259435
Ion Ratio		Lower	Upper
200	100		
173	27.8	6.3	46.3
215	45.1	27.2	67.2





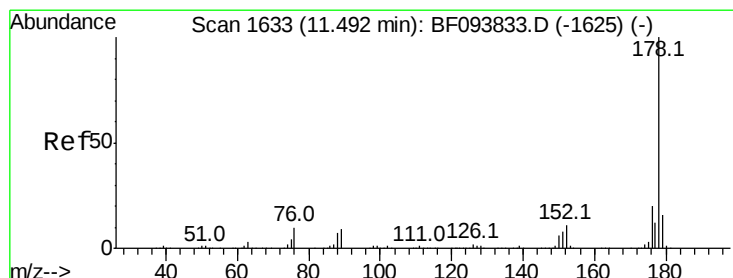
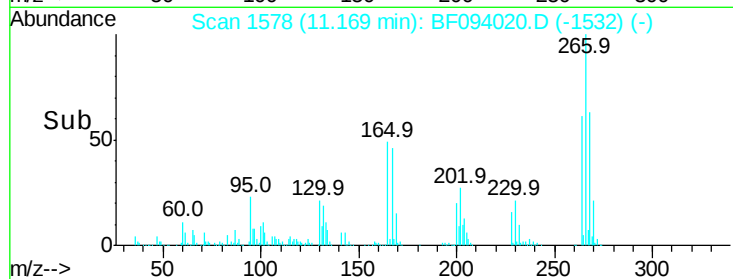
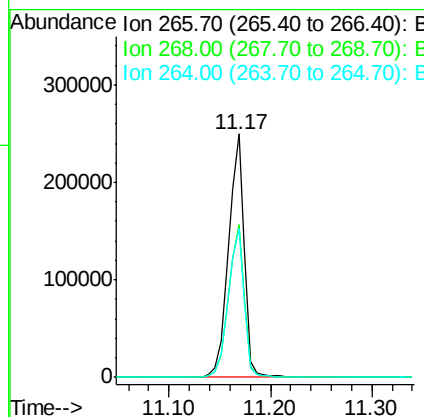
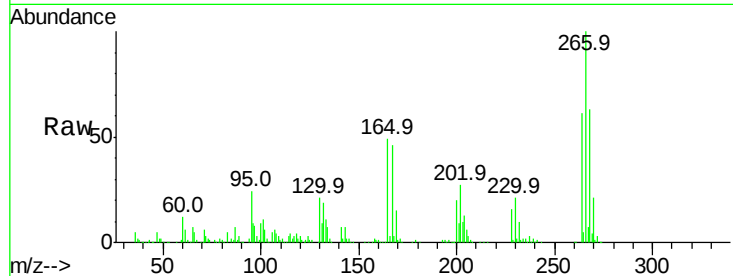
#69
 Pentachlorophenol
 Concen: 80.20 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion:	266	Resp:	270328
Ion Ratio		Lower	Upper
266	100		
268	62.8	51.1	76.7
264	60.9	51.7	77.5

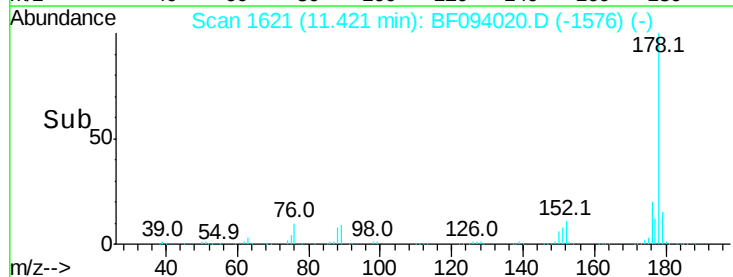
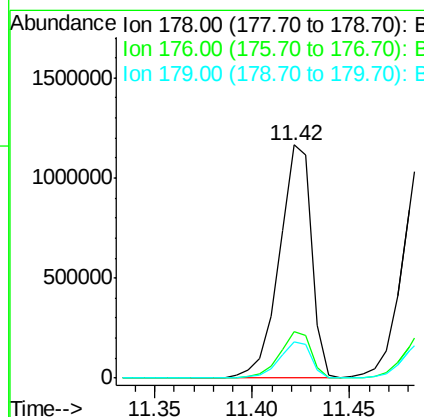
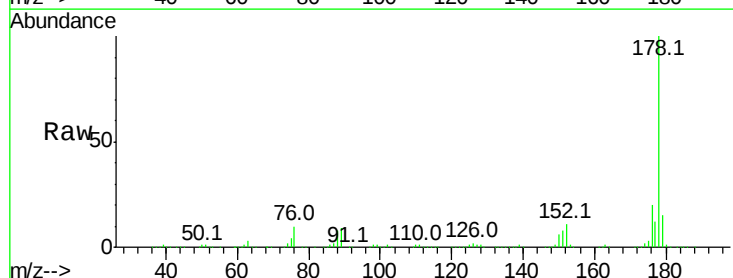
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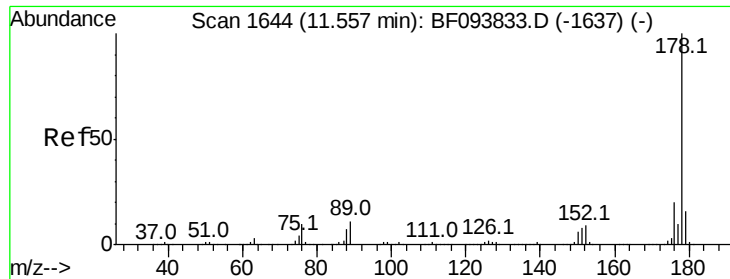
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#70
 Phenanthrene
 Concen: 43.96 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion:	178	Resp:	1330062
Ion Ratio		Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.4	12.6	19.0





#71
 Anthracene
 Concen: 44.36 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

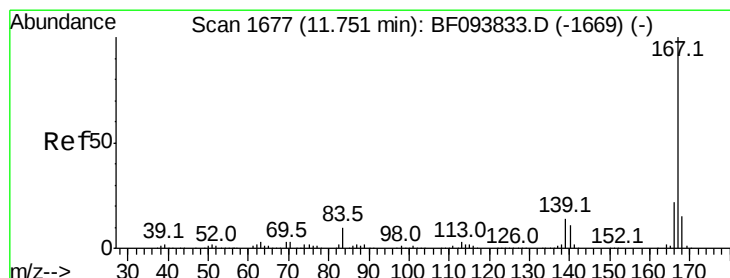
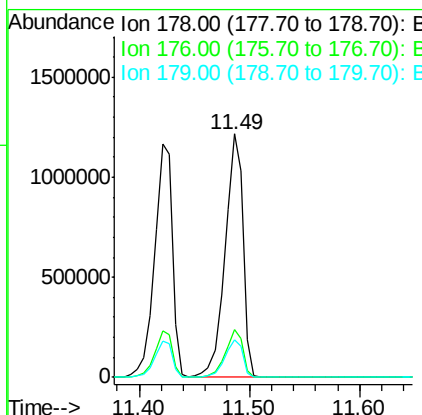
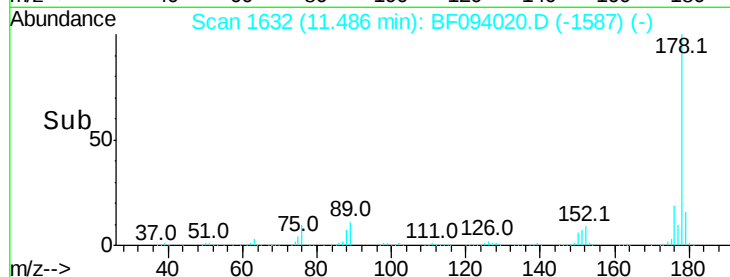
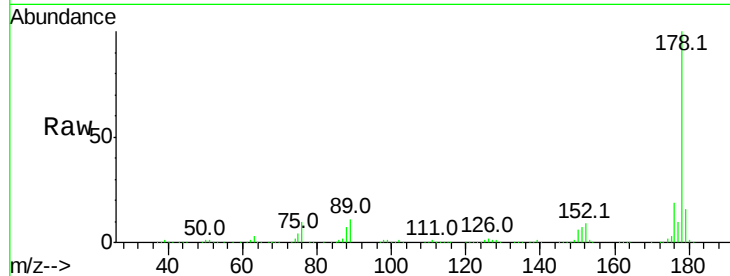
Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion:178 Resp: 1382046

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	12.7	19.1

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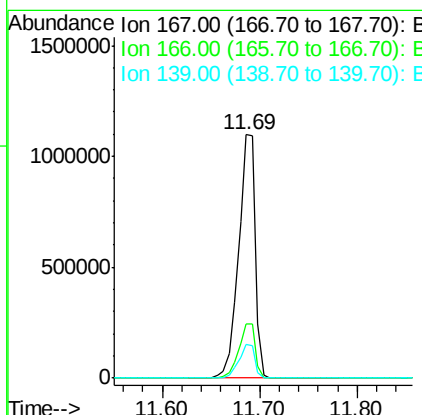
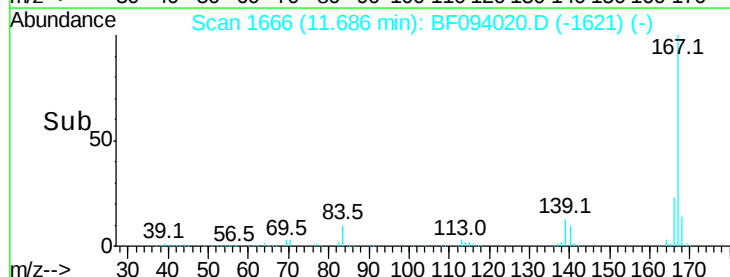
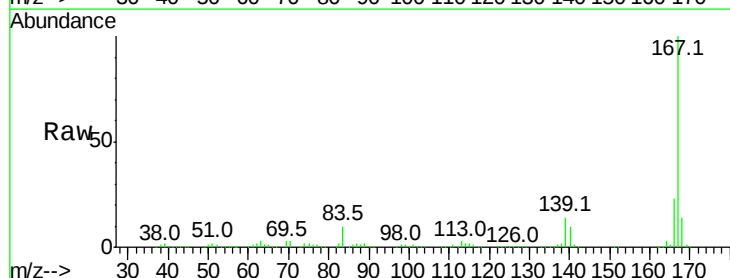
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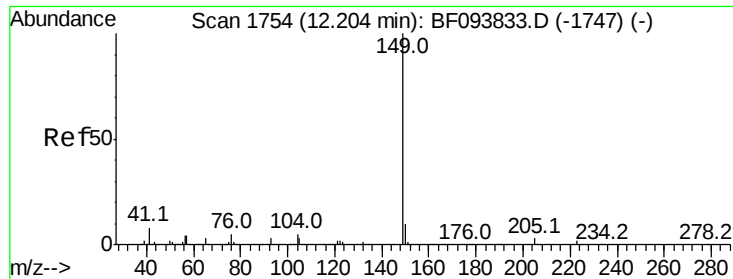


#72
 Carbazole
 Concen: 40.63 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion:167 Resp: 1298033

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.92 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB97899BS

Tot Ion:149 Resp: 1558690

Ion Ratio Lower Upper

149 100

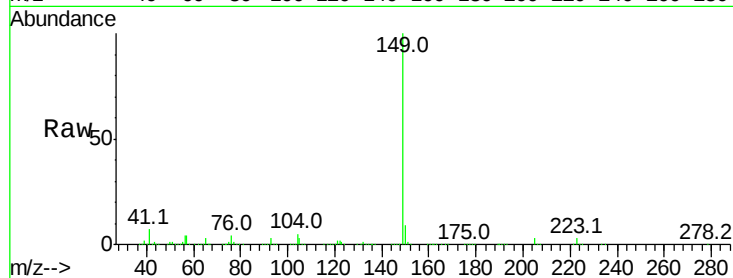
150 9.4 7.7 11.5

104 4.7 4.0 6.0

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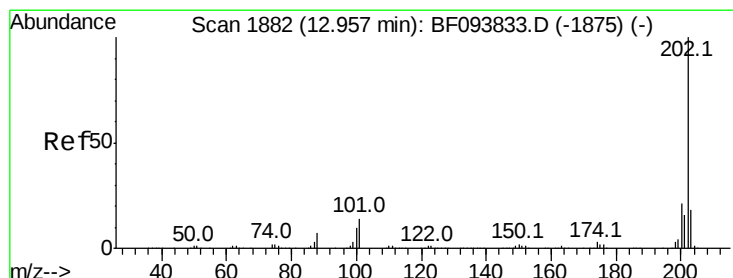
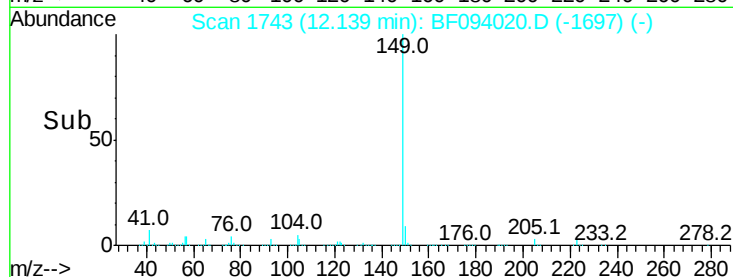
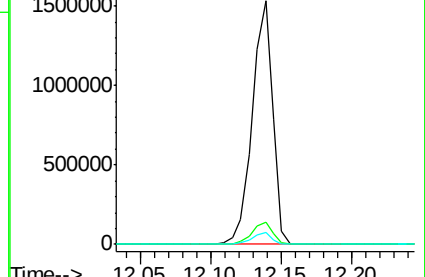
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.60 ng

RT: 12.89 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

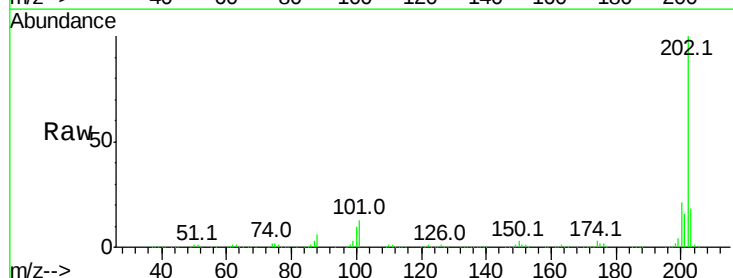
Tgt Ion:202 Resp: 1381664

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

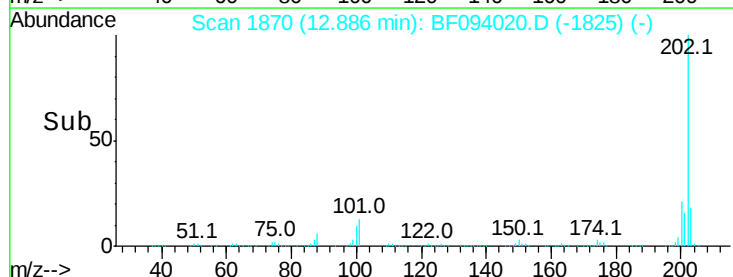
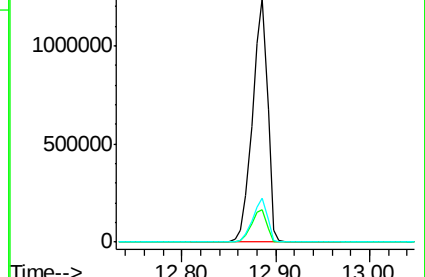
203 17.8 0.0 38.1

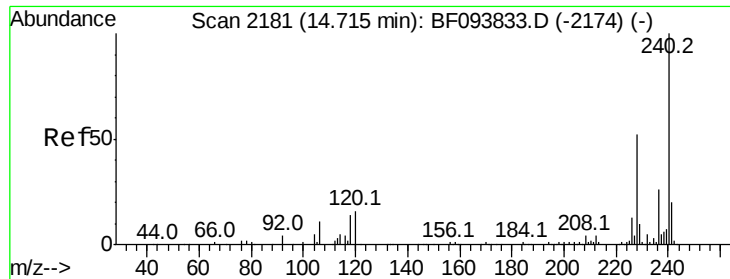


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

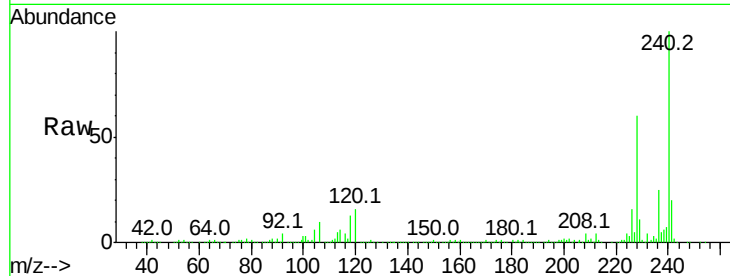
ClientSampleId :

PB97899BS

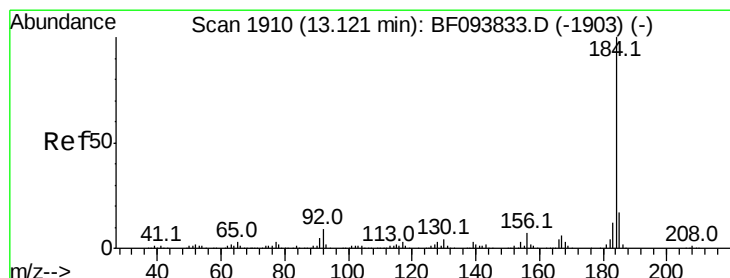
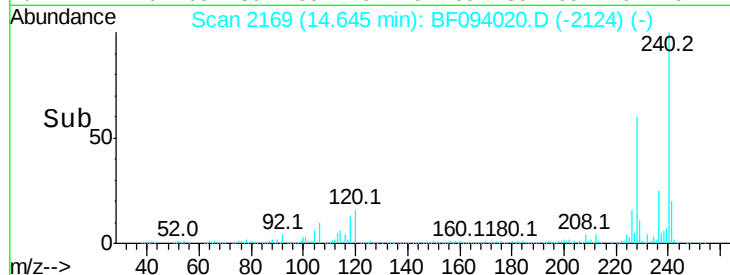
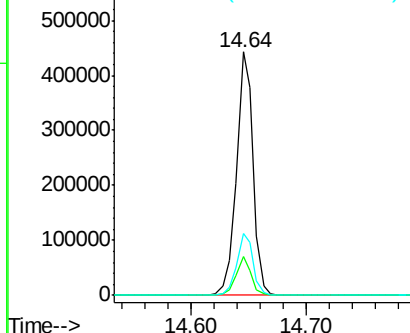
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.5	20.5	30.7

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



#76

Benzidine

Concen: 23.53 ng

RT: 13.05 min Scan# 1898

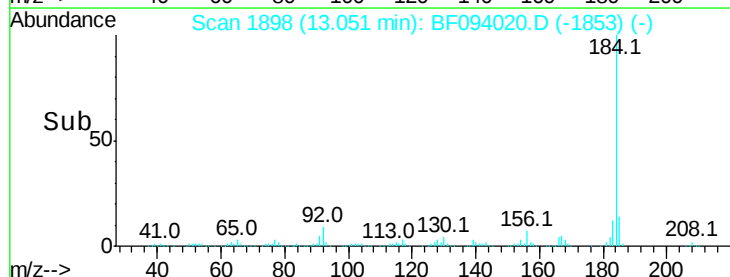
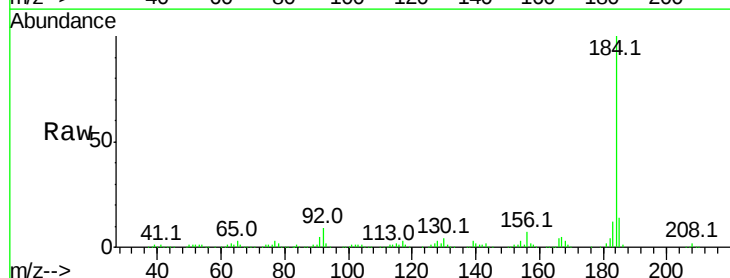
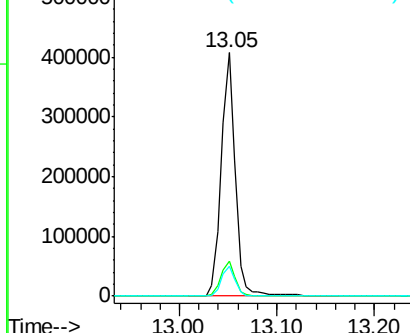
Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.0	9.8	14.6

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





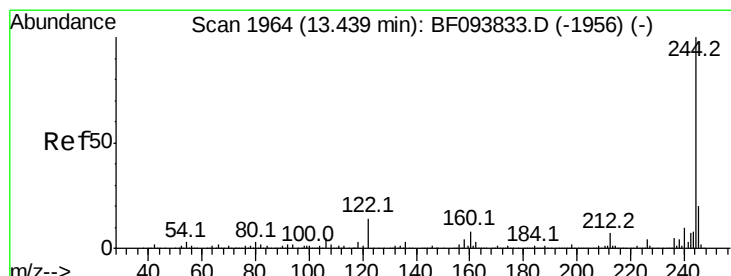
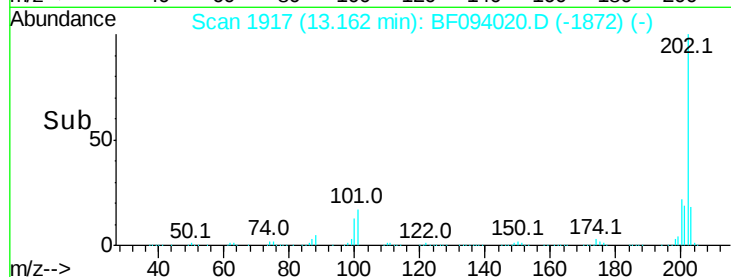
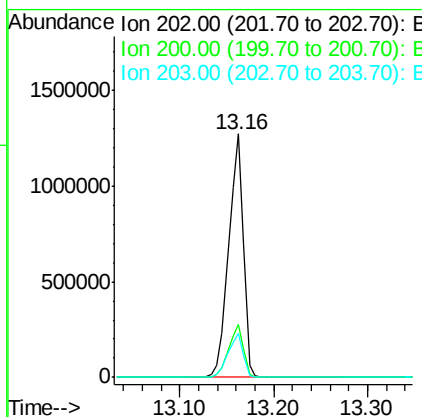
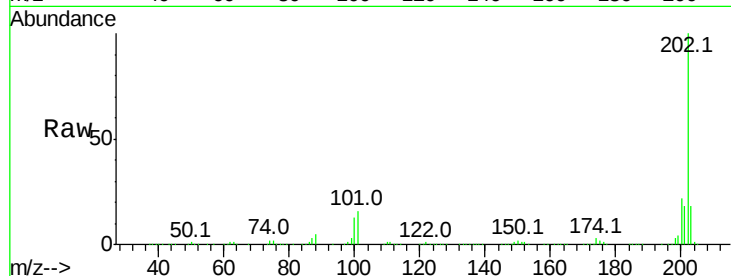
#77
Pvrene
Concen: 43.52 ng
RT: 13.16 min Scan# 1917
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion:202 Resp: 1387033
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.1 14.4 21.6

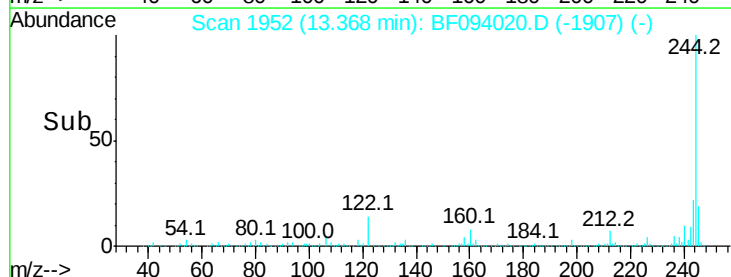
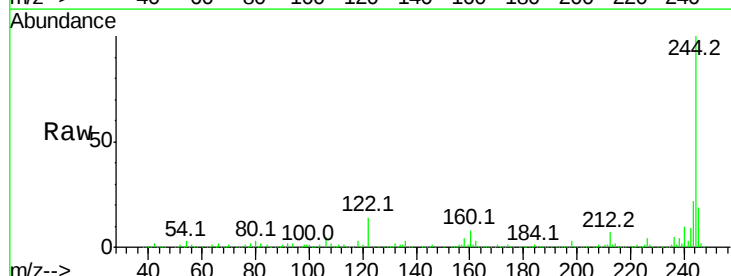
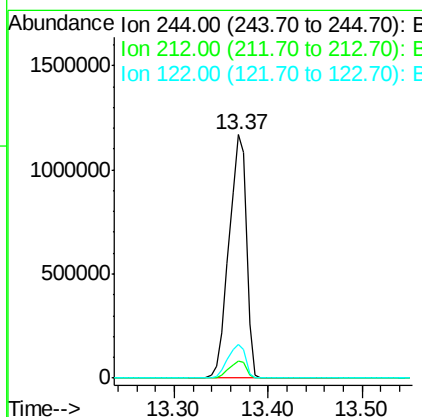
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#78
Terphenyl-d14
Concen: 76.92 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion:244 Resp: 1507203
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.7 10.3 15.5





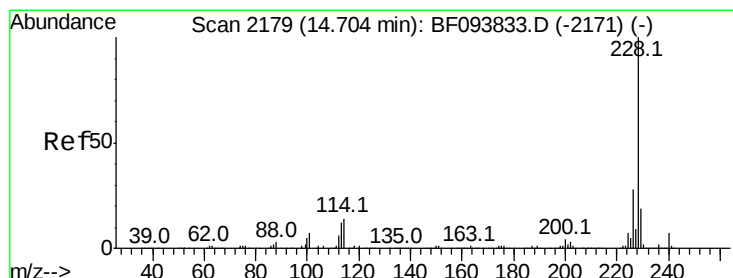
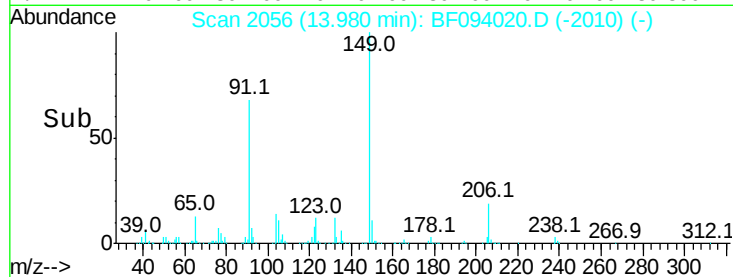
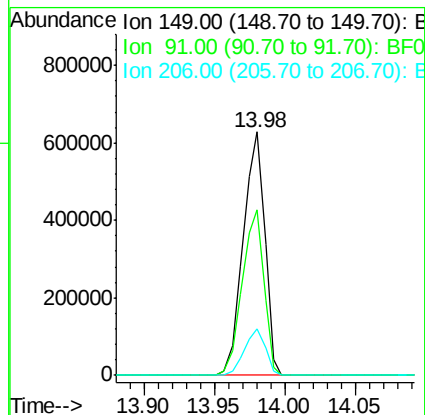
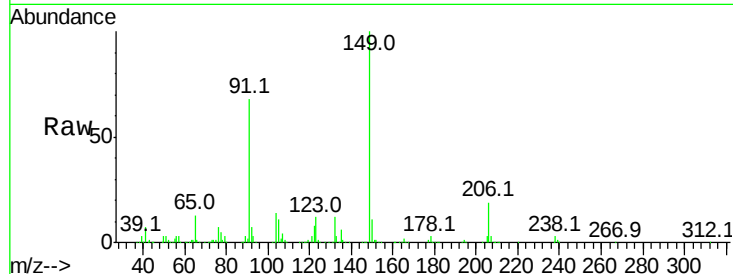
#79
Butylbenzylphthalate
Concen: 49.38 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion:	149	Resp:	670646
Ion Ratio	Lower	Upper	
149	100		
91	67.9	45.0	67.4#
206	19.0	17.0	25.6

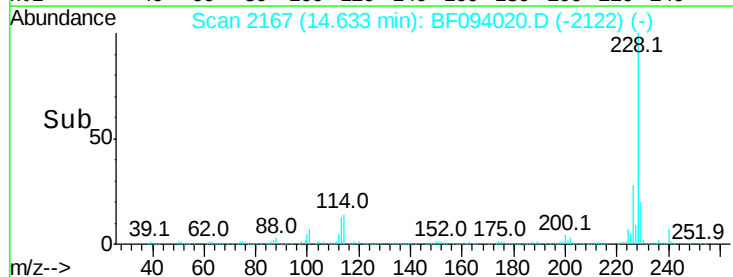
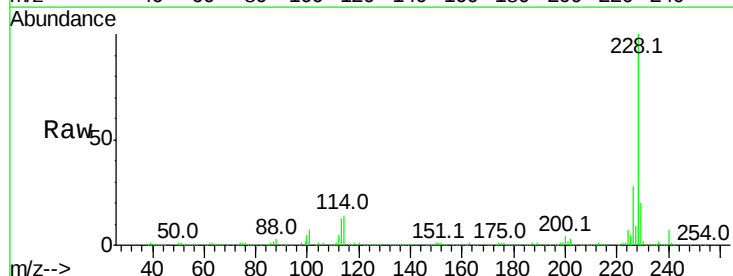
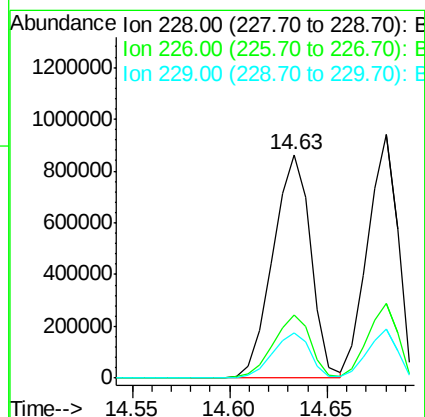
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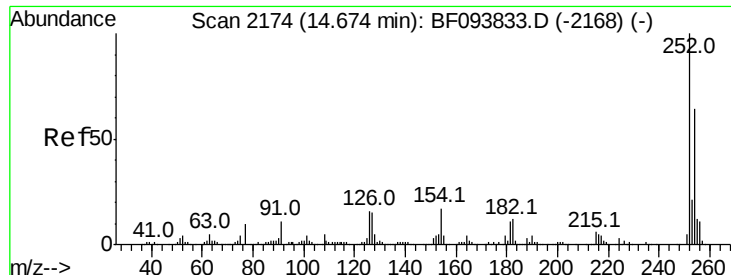
mohammad
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#80
Benzo(a)anthracene
Concen: 45.26 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion:	228	Resp:	1159210
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.3	16.3	24.5





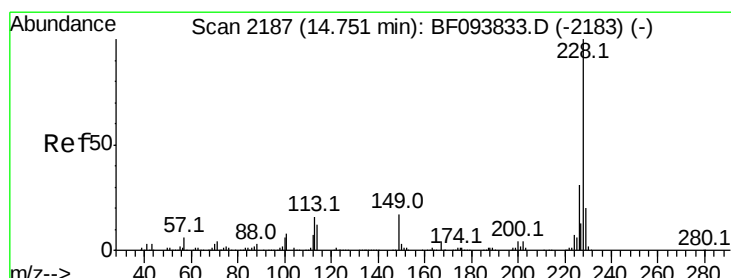
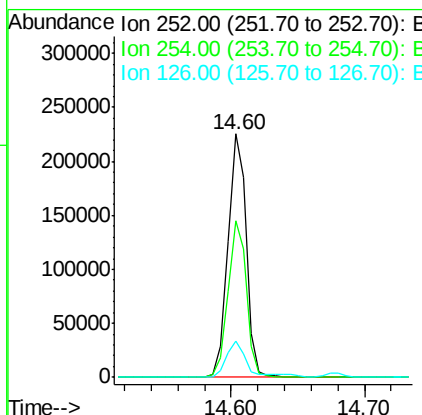
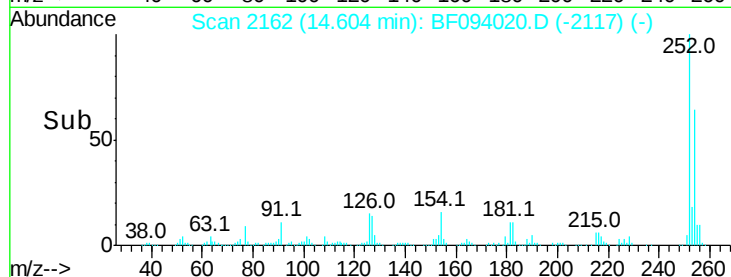
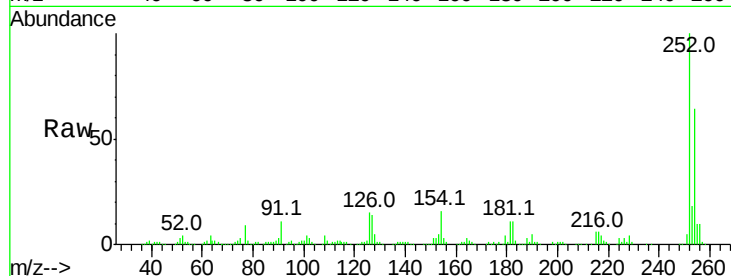
#81
 3,3'-Dichlorobenzidine
 Concen: 23.97 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	219417		
254	64.2	51.5	77.3	
126	15.0	15.8	23.8	

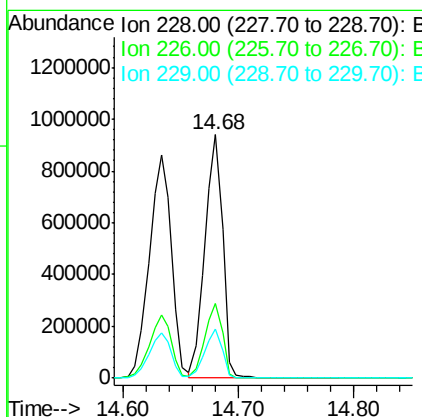
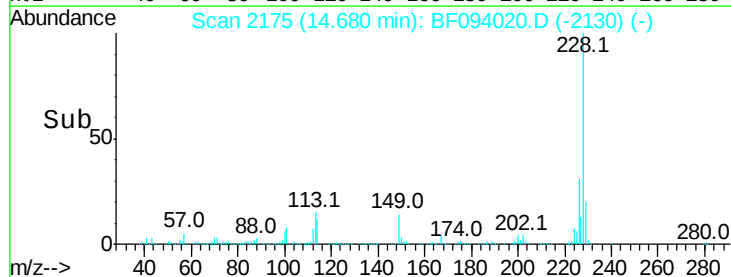
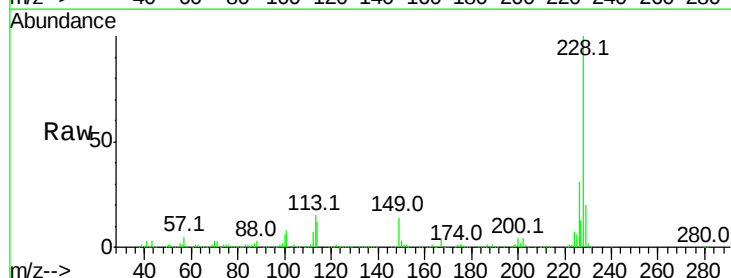
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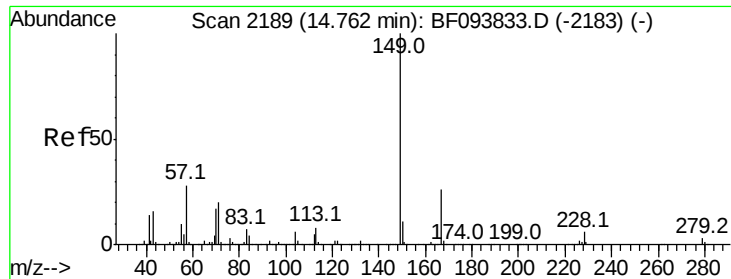
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#82
 Chrysene
 Concen: 42.50 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1010094		
226	30.6	24.9	37.3	
229	20.0	15.8	23.6	





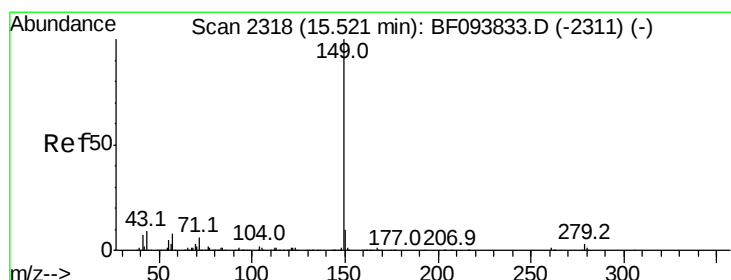
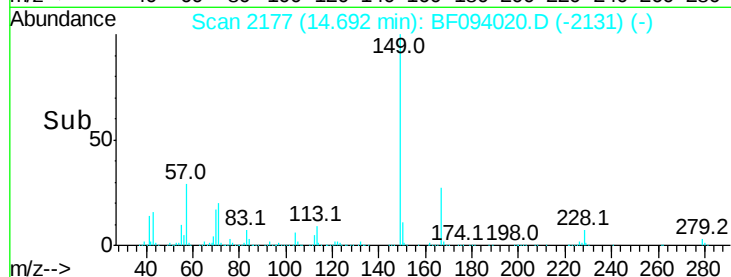
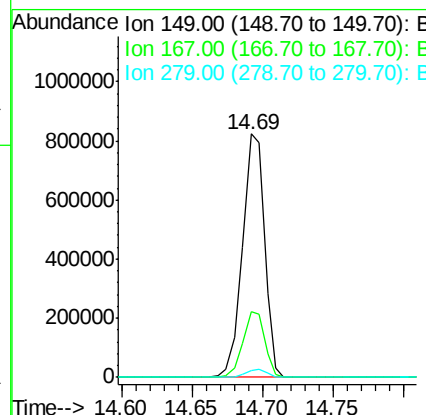
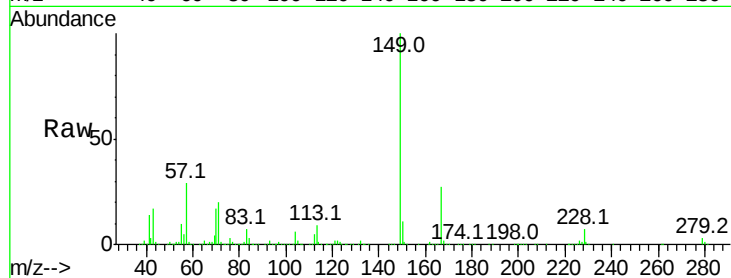
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.55 ng
 RT: 14.69 min Scan# 2177
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	899485		
167	26.7		21.0	31.4
279	2.9		1.9	2.9#

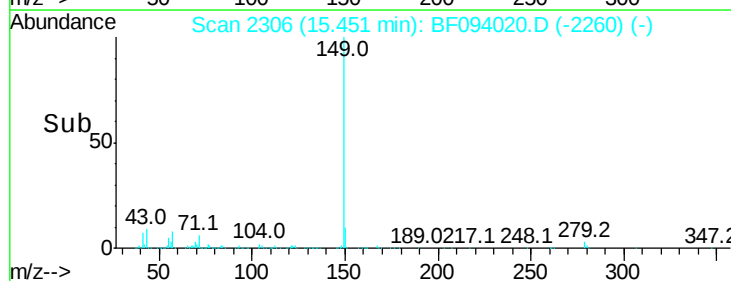
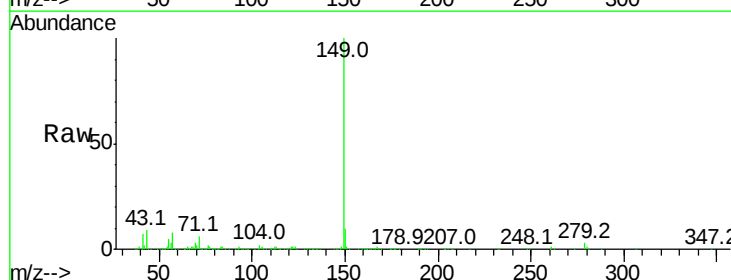
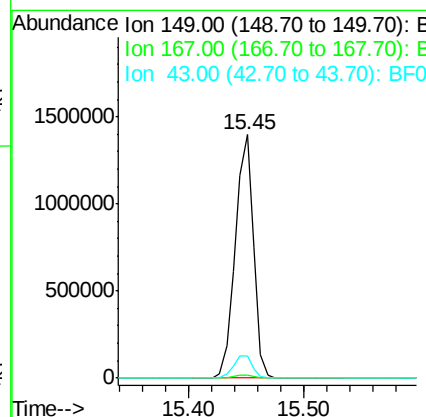
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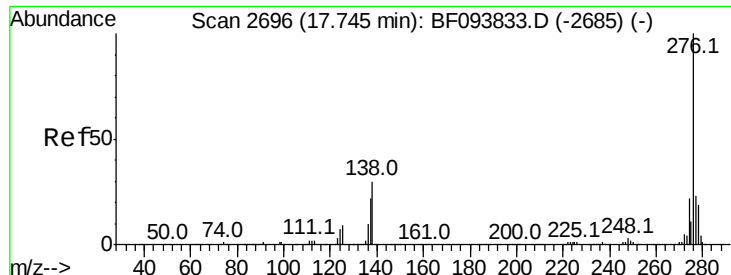
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#84
 Di-n-octyl phthalate
 Concen: 49.08 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1519333		
167	1.6		1.2	1.8
43	9.6		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.44 ng

RT: 17.64 min Scan# 2678

Delta R.T. -0.05 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB97899BS

Tot Ion:276 Resp: 811832

Ion Ratio Lower Upper

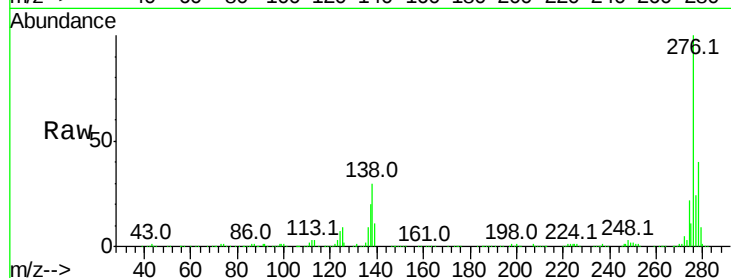
276 100

138 35.3 27.8 41.6

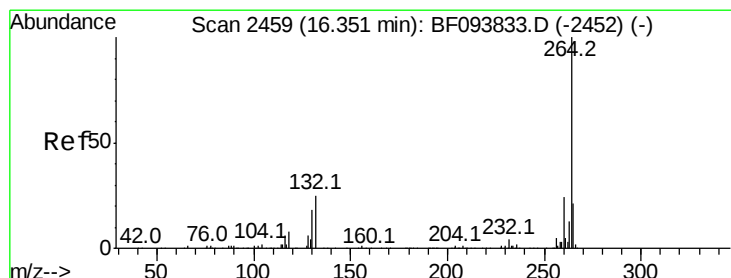
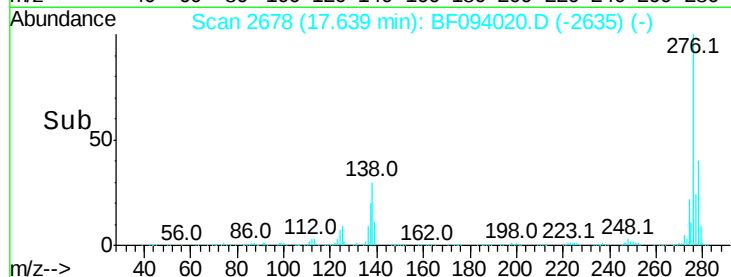
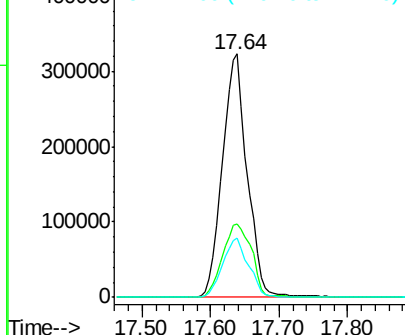
277 25.2 20.2 30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 2446

Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

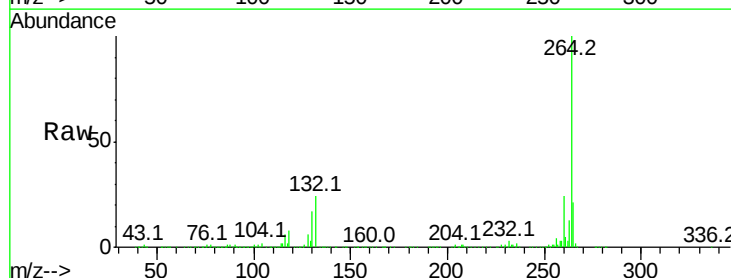
Tgt Ion:264 Resp: 337914

Ion Ratio Lower Upper

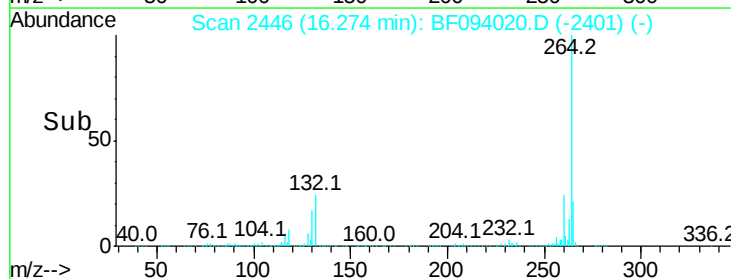
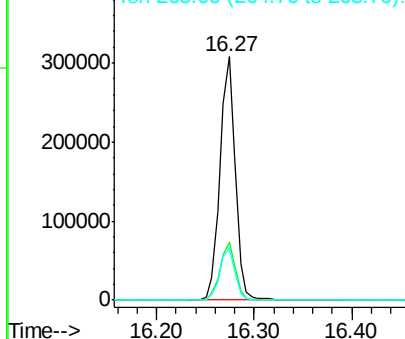
264 100

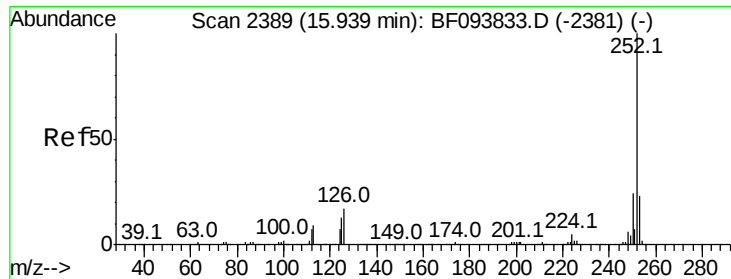
260 23.9 19.5 29.3

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.05 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.03 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Instrument :

BNA_F

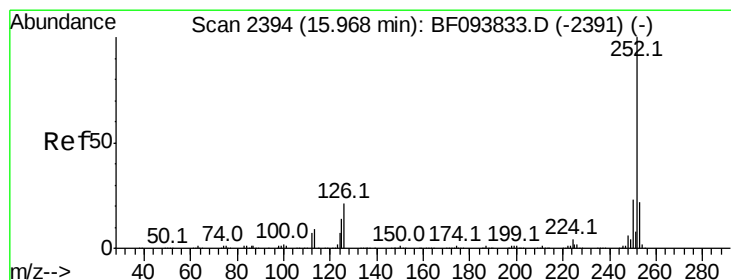
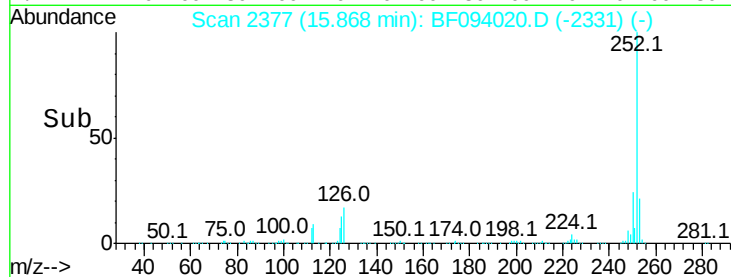
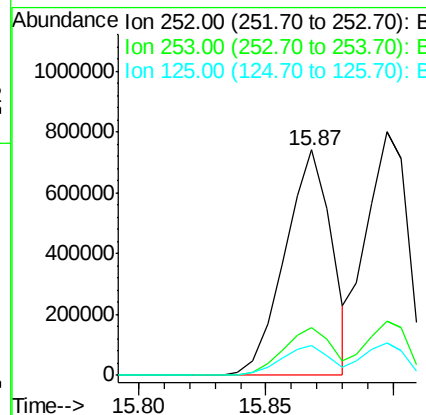
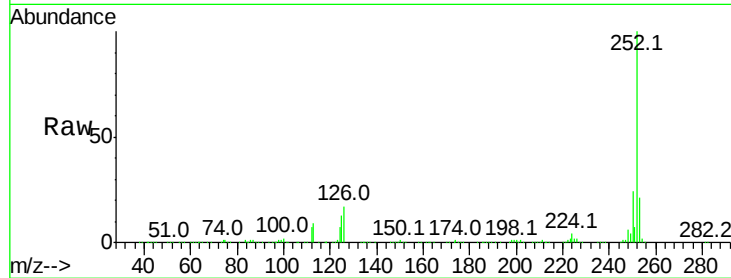
ClientSampled :

PB97899BS

Tot Ion:252	Resp:	953817
Ion Ratio	Lower	Upper
252	100	
253	21.4	18.1 27.1
125	13.2	9.8 14.8

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#88

Benzo(k)fluoranthene

Concen: 45.89 ng

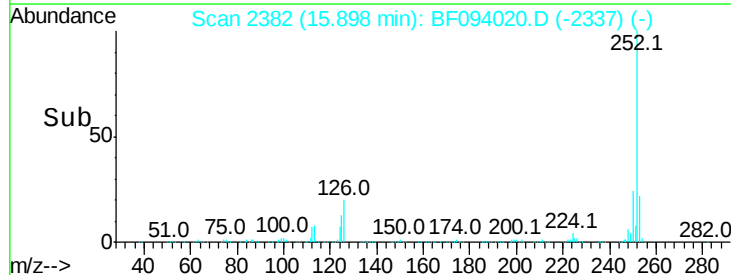
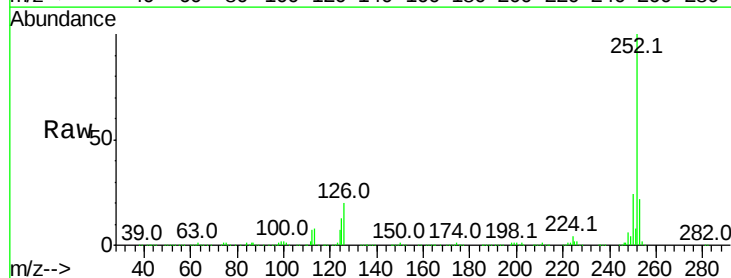
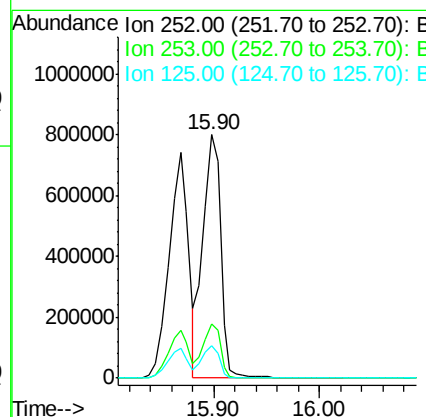
RT: 15.90 min Scan# 2382

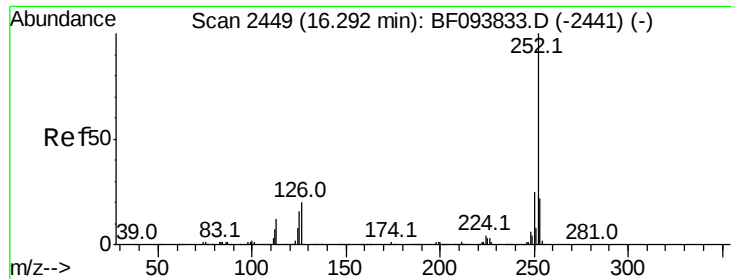
Delta R.T. -0.04 min

Lab File: BF094020.D

Acq: 29 Mar 2017 16:04

Tgt Ion:252	Resp:	930041
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.4 27.6
125	13.3	13.1 19.7





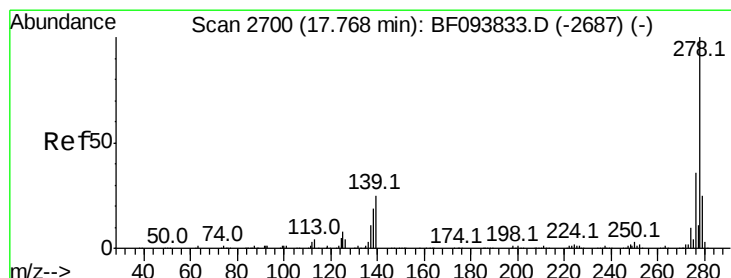
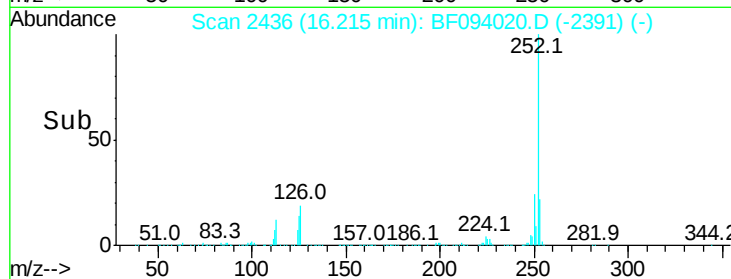
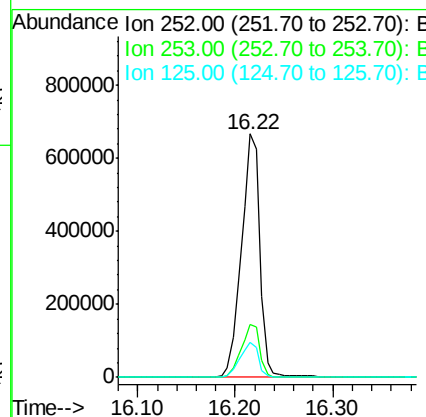
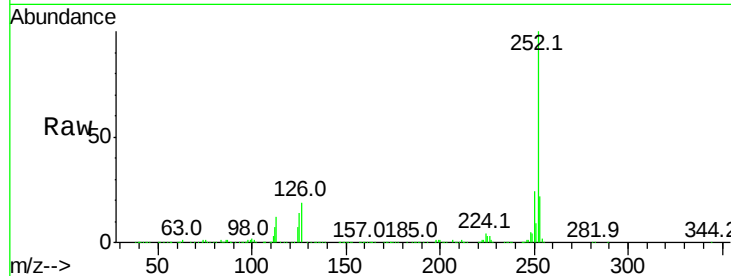
#89
Benzo(a)pyrene
Concen: 46.00 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.2	11.0	16.4

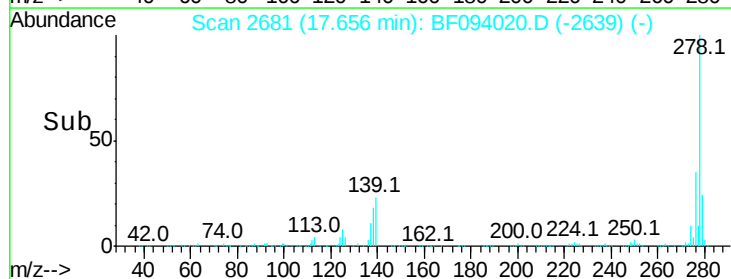
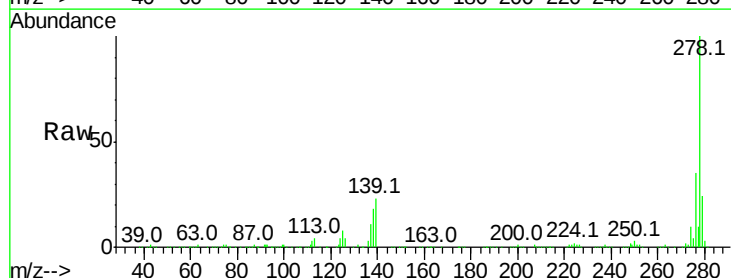
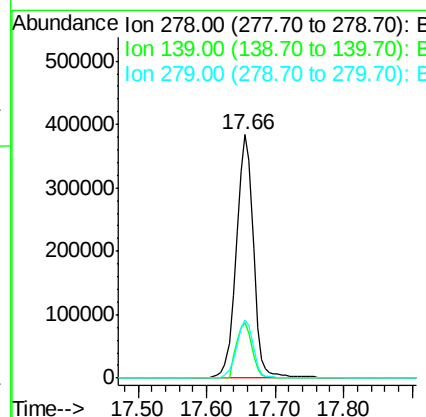
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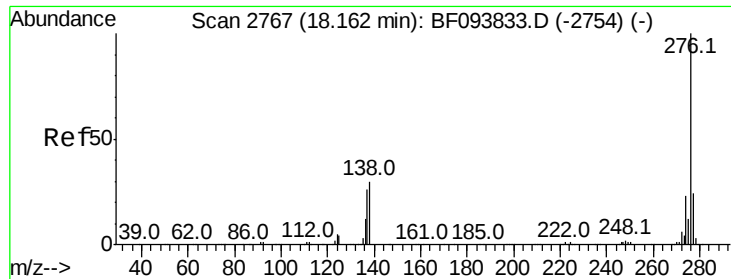
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#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 17.66 min Scan# 2681
Delta R.T. -0.05 min
Lab File: BF094020.D
Acq: 29 Mar 2017 16:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.97 ng
 RT: 18.04 min Scan# 2746
 Delta R.T. -0.06 min
 Lab File: BF094020.D
 Acq: 29 Mar 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	30.4	25.4	38.0

Manual Integrations
 APPROVED

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