

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092980.D
 Acq On : 16 Feb 2017 6:54
 Operator : SJ/MA
 Sample : I1790-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:39:49 AM

Quant Time: Feb 16 07:32:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	148825	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	586829	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	307100	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	470862	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	342435	20.00	ng	-0.02
86) Perylene-d12	15.46	264	283933	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1262790	145.57	ng	0.01
7) Phenol-d6	6.52	99	1421710	127.38	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1086510	103.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	317782	143.07	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1681736	99.21	ng	-0.01
78) Terphenyl-d14	12.98	244	1328218	91.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	187311	39.96	ng	# 71
3) Pyridine	3.34	79	370027m	31.05	ng	
4) n-Nitrosodimethylamine	3.28	42	272940	48.77	ng	89
6) Aniline	6.54	93	219389	14.41	ng	# 60
8) 2-Chlorophenol	6.66	128	456979	47.75	ng	89
9) Benzaldehyde	6.42	77	37044	4.63	ng	96
10) Phenol	6.53	94	590686	45.23	ng	# 76
11) bis(2-Chloroethyl)ether	6.61	93	461438	44.27	ng	92
12) 1,3-Dichlorobenzene	6.82	146	513488	45.81	ng	97
13) 1,4-Dichlorobenzene	6.89	146	512228	45.15	ng	99
14) 1,2-Dichlorobenzene	7.05	146	510254	47.04	ng	95
15) Benzyl Alcohol	7.02	79	412289	49.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	866689	47.86	ng	97
17) 2-Methylphenol	7.14	107	406292	49.49	ng	96
18) Hexachloroethane	7.38	117	169520	43.77	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	363263	51.13	ng	96
20) 3+4-Methylphenols	7.30	107	473443	48.23	ng	# 85
22) Acetophenone	7.29	105	630647	47.07	ng	# 94
24) Nitrobenzene	7.46	77	501022	46.30	ng	98
25) Isophorone	7.70	82	962680	49.02	ng	96
26) 2-Nitrophenol	7.78	139	282115	54.85	ng	89
27) 2,4-Dimethylphenol	7.82	122	455486	50.42	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	645306	49.62	ng	98
29) 2,4-Dichlorophenol	8.02	162	402860	47.82	ng	90
30) 1,2,4-Trichlorobenzene	8.10	180	430590	47.43	ng	95
31) Naphthalene	8.18	128	1319444	44.35	ng	99
32) Benzoic acid	7.95	122	274152	52.73	ng	96
33) 4-Chloroaniline	8.22	127	95882	8.22	ng	96
34) Hexachlorobutadiene	8.29	225	215297	43.10	ng	99
35) Caprolactam	8.60	113	117261m	44.25	ng	
36) 4-Chloro-3-methylphenol	8.73	107	457586	52.10	ng	90
37) 2-Methylnaphthalene	8.86	142	929443	48.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	413328	47.95	ng	100
40) Hexachlorocyclopentadiene	9.02	237	212281	54.58	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	281011	49.61	ng	92
43) 2,4,5-Trichlorophenol	9.20	196	287813	46.37	ng	94
45) 1,1'-Biphenyl	9.33	154	1046068	47.04	ng	97
46) 2-Chloronaphthalene	9.36	162	823750	47.35	ng	96
47) 2-Nitroaniline	9.46	65	301311	51.52	ng	95
48) Acenaphthylene	9.78	152	1403196	46.69	ng	99
49) Dimethylphthalate	9.64	163	1108681	53.60	ng	100
50) 2,6-Dinitrotoluene	9.70	165	212701	47.61	ng	# 82
51) Acenaphthene	9.94	154	868212	48.32	ng	98
52) 3-Nitroaniline	9.87	138	68526	13.40	ng	# 77
53) 2,4-Dinitrophenol	9.97	184	158312	70.28	ng	# 56
54) Dibenzofuran	10.12	168	1194046	49.69	ng	# 89
55) 4-Nitrophenol	10.04	139	283689	77.05	ng	93
56) 2,4-Dinitrotoluene	10.11	165	311163	52.32	ng	# 80
57) Fluorene	10.46	166	871901	47.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	223393	53.96	ng	98
59) Diethylphthalate	10.34	149	1037818	53.24	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	423778	47.71	ng	# 79
61) 4-Nitroaniline	10.49	138	232650	44.43	ng	85
62) Azobenzene	10.61	77	1013301m	50.31	ng	
64) 4,6-Dinitro-2-methylphenol	10.51	198	108975	38.58	ng	# 49
65) n-Nitrosodiphenylamine	10.57	169	754180	50.14	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	251607	51.15	ng	# 76
67) Hexachlorobenzene	11.00	284	226837	46.66	ng	# 78
68) Atrazine	11.09	200	218310	45.23	ng	99
69) Pentachlorophenol	11.21	266	261087	101.87	ng	99
70) Phenanthrene	11.41	178	1271215	47.12	ng	98
71) Anthracene	11.47	178	1277157	47.14	ng	98
72) Carbazole	11.63	167	1218634	47.06	ng	98
73) Di-n-butylphthalate	11.95	149	1438978	51.38	ng	98
74) Fluoranthene	12.60	202	1072787	38.55	ng	99
76) Benzidine	12.73	184	36403	2.49	ng	98
77) Pyrene	12.83	202	1059941	41.36	ng	99
79) Butylbenzylphthalate	13.45	149	536975	51.60	ng	96
80) Benzo(a)anthracene	14.02	228	923267	44.08	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	209284	28.03	ng	# 95
82) Chrysene	14.05	228	747228	38.11	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	760541	53.44	ng	# 97
84) Di-n-octyl phthalate	14.61	149	1216033	52.47	ng	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	796308	52.43	ng	# 94
87) Benzo(b)fluoranthene	15.05	252	814421m	43.58	ng	
88) Benzo(k)fluoranthene	15.08	252	854213m	52.94	ng	
89) Benzo(a)pyrene	15.40	252	786052	48.63	ng	# 96
90) Dibenzo(a,h)anthracene	16.90	278	673447	51.55	ng	99
91) Benzo(g,h,i)perylene	17.31	276	663110	50.24	ng	# 92

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

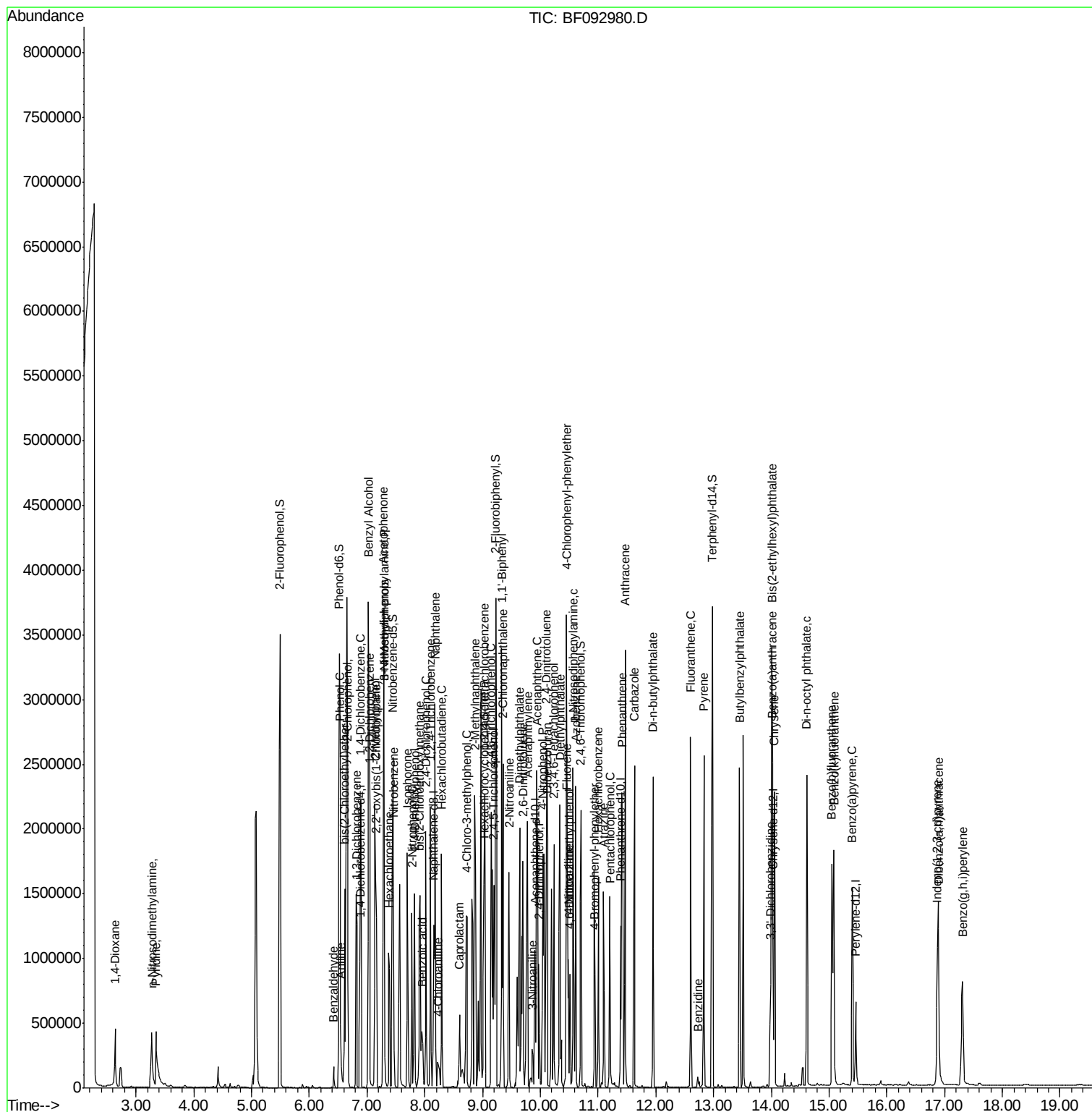
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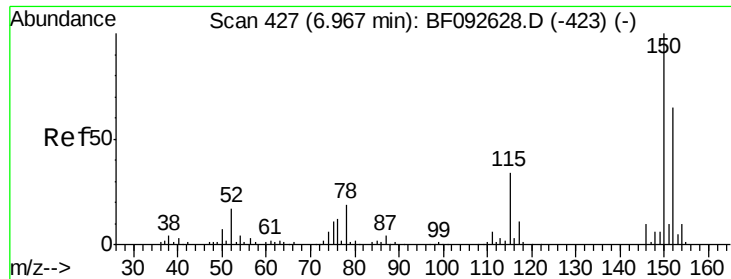
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#1

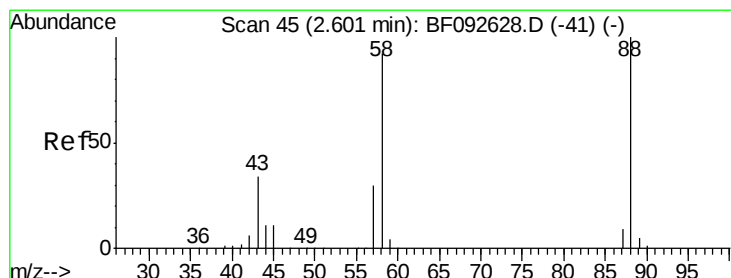
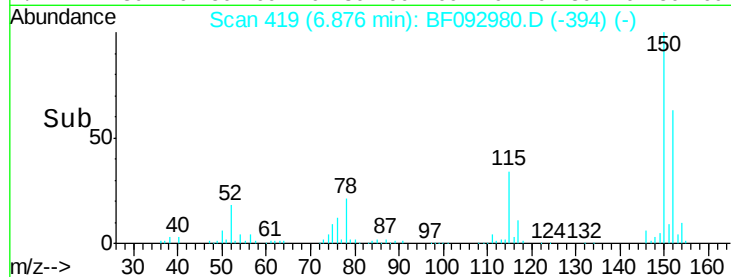
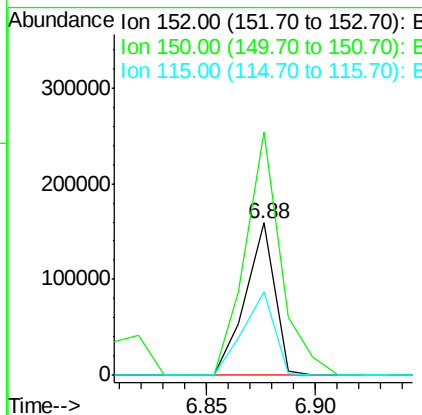
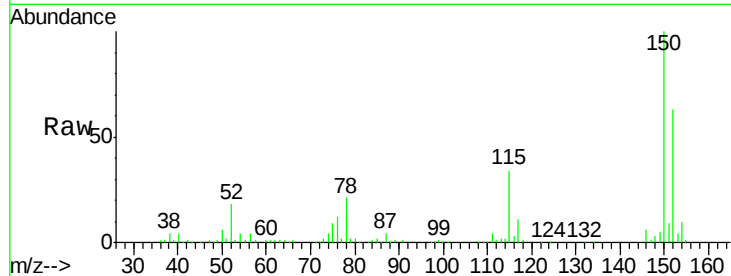
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	54.5	46.0	69.0

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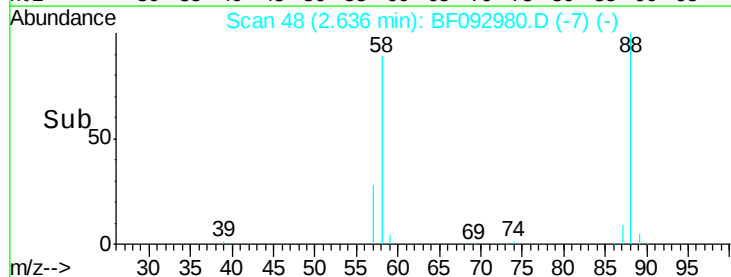
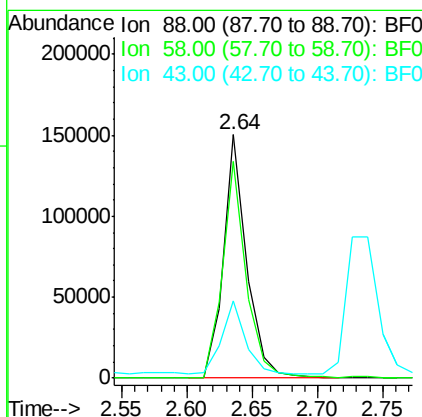
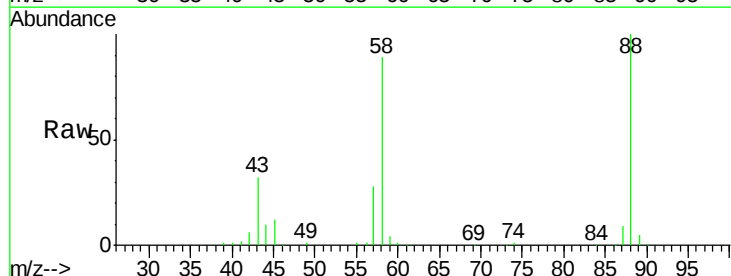
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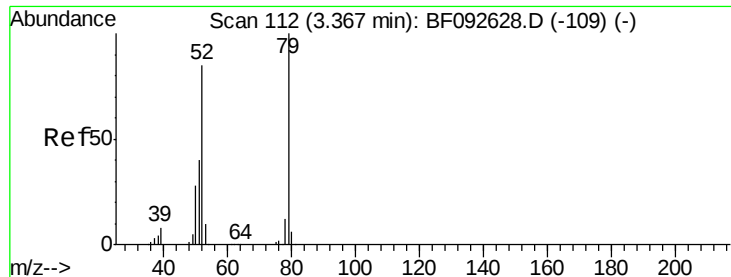


#2

1,4-Dioxane
Concen: 39.96 ng
RT: 2.64 min Scan# 48
Delta R.T. 0.17 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pyridine

Concen: 31.05 ng m

RT: 3.34 min Scan# 110

Delta R.T. 0.15 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

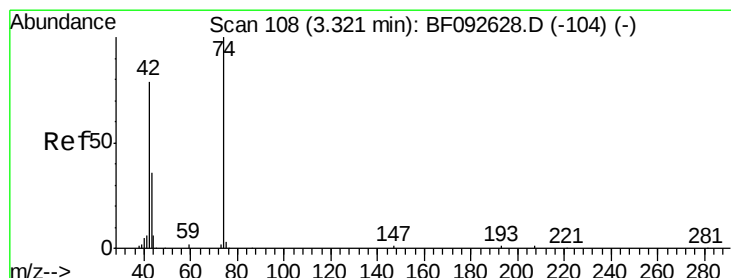
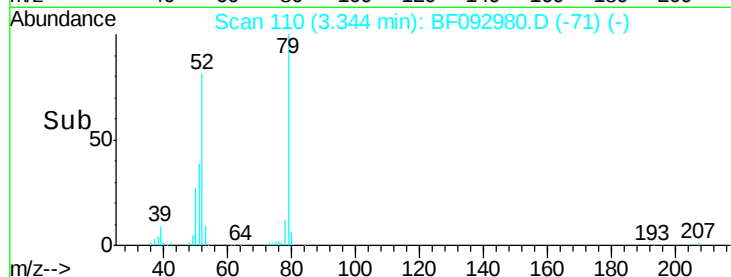
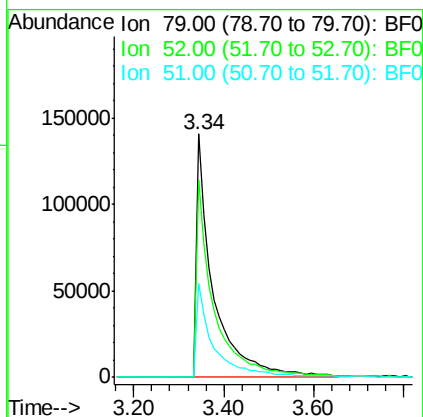
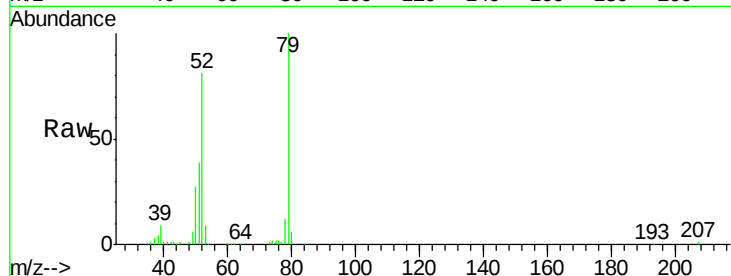
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	79	Resp:	370027
Ion Ratio	Lower	Upper	
79	100		
52	81.3	57.1	85.7
51	38.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 48.77 ng

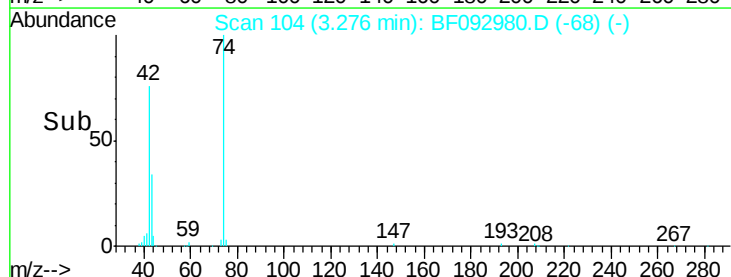
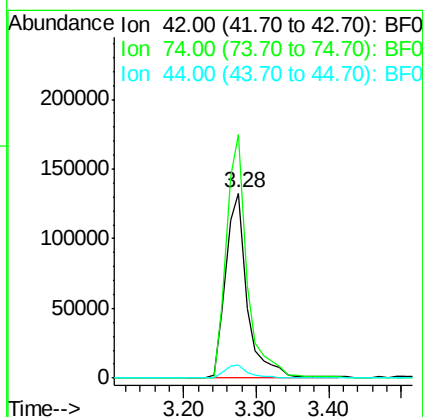
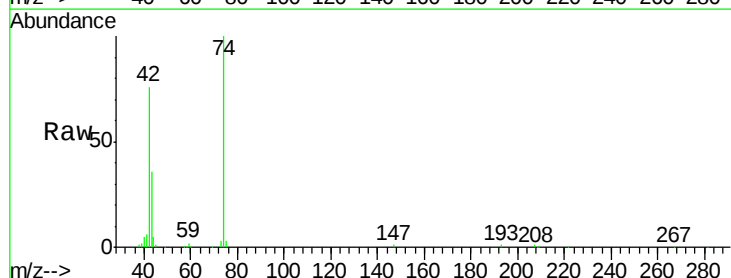
RT: 3.28 min Scan# 104

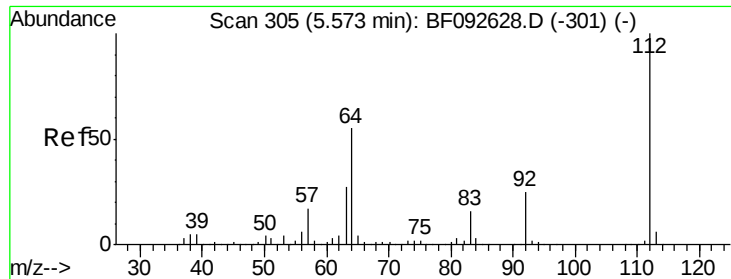
Delta R.T. 0.11 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	42	Resp:	272940
Ion Ratio	Lower	Upper	
42	100		
74	131.8	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 145.57 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092980.D

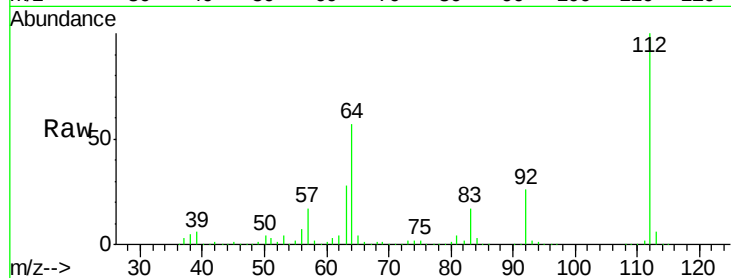
Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

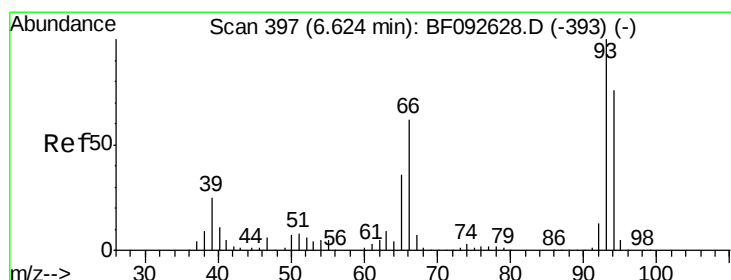
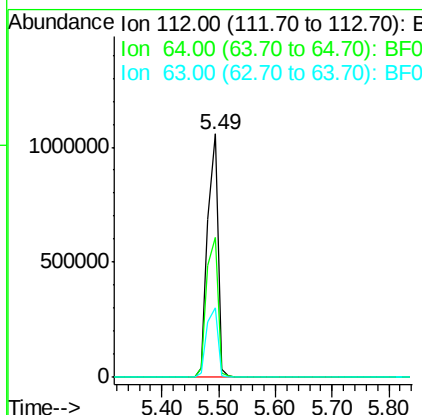
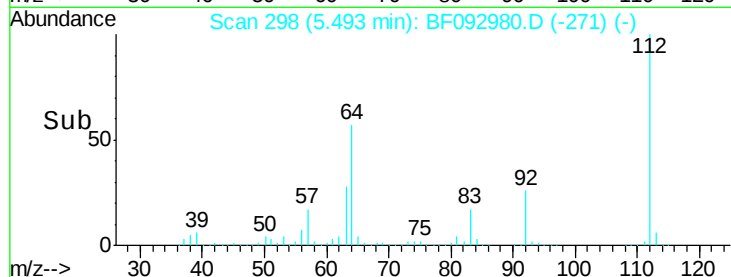
38-WCS021017-0-15MSD



Tgt Ion:	112	Resp:	1262790
Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.1	69.1
63	28.4	23.8	35.6

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#6

Aniline

Concen: 14.41 ng

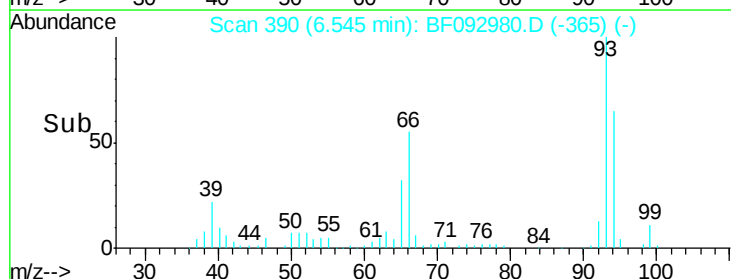
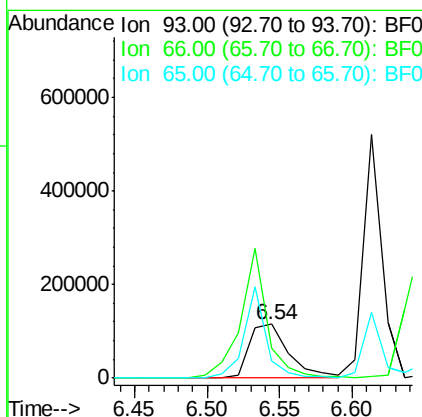
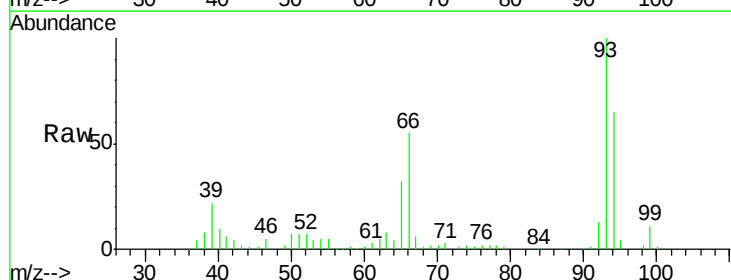
RT: 6.54 min Scan# 390

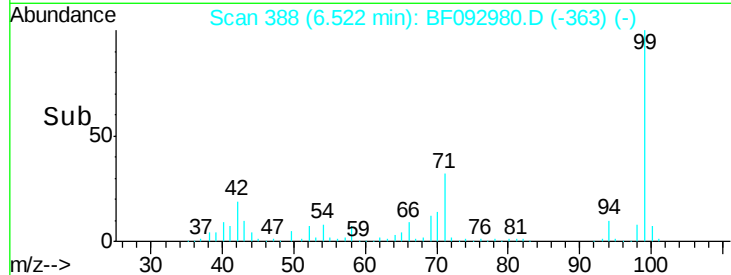
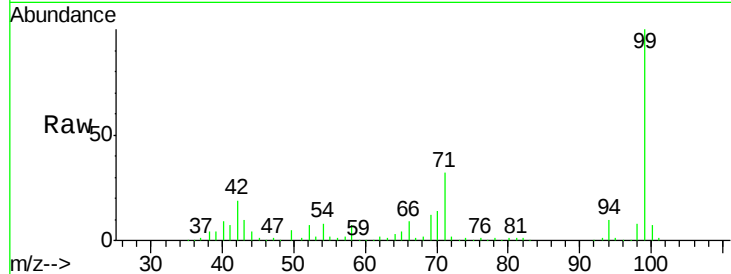
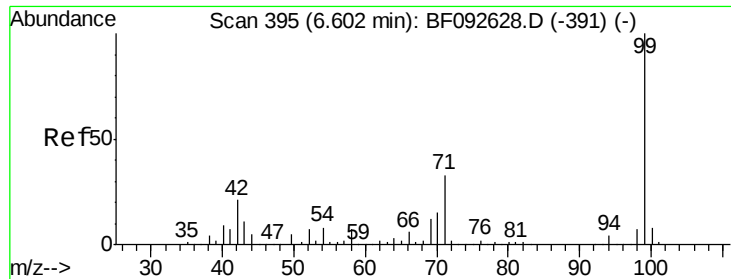
Delta R.T. -0.01 min

Lab File: BF092980.D

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Tgt Ion:	93	Resp:	219389
Ion	Ratio	Lower	Upper
93	100		
66	55.4	76.2	114.2#
65	32.1	49.3	73.9#





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	99	Resp:	1421710
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.6	23.4
71	31.8	27.5	41.3

Instrument :

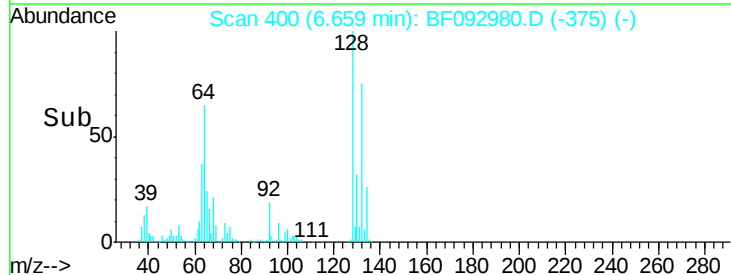
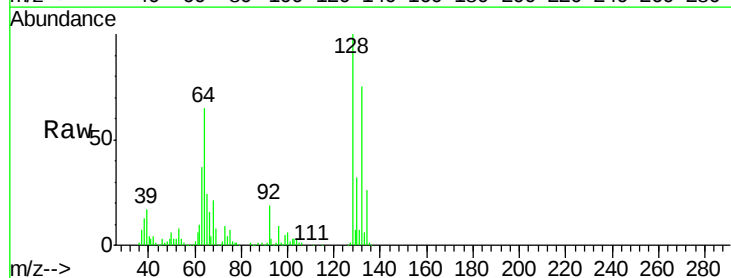
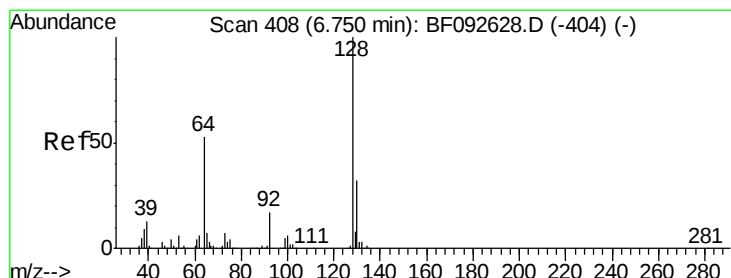
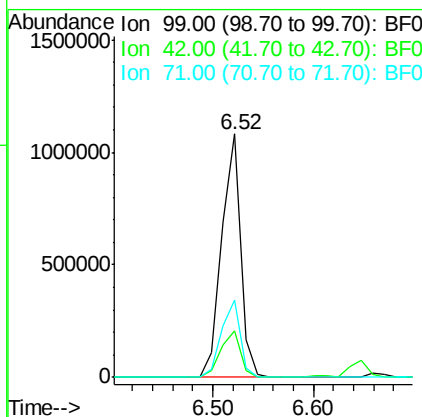
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#8

2-Chlorophenol

Concen: 47.75 ng

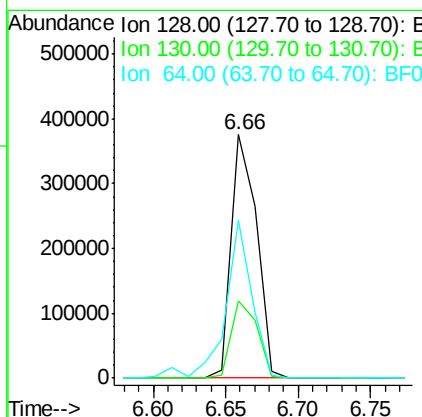
RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	128	Resp:	456979
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.3	52.3
64	64.8	32.2	72.2





#9

Benzaldehyde

Concen: 4.63 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

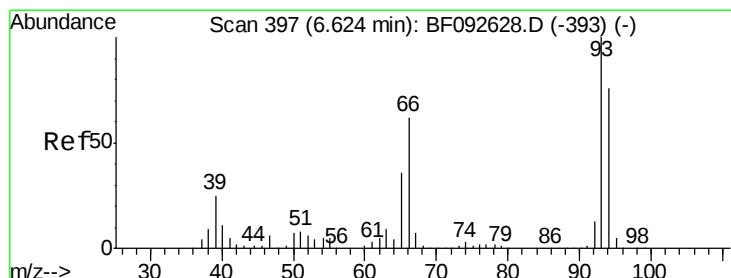
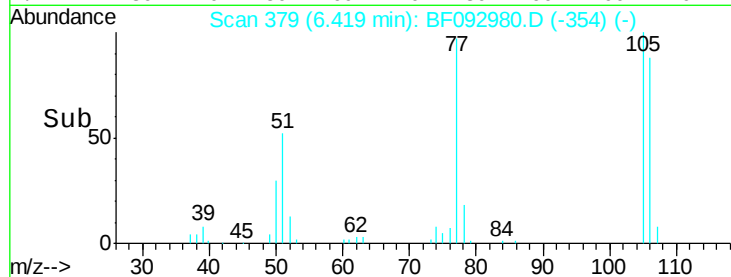
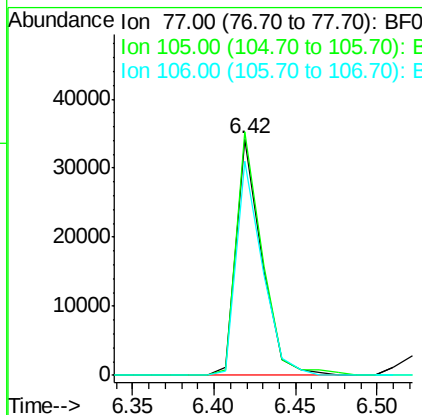
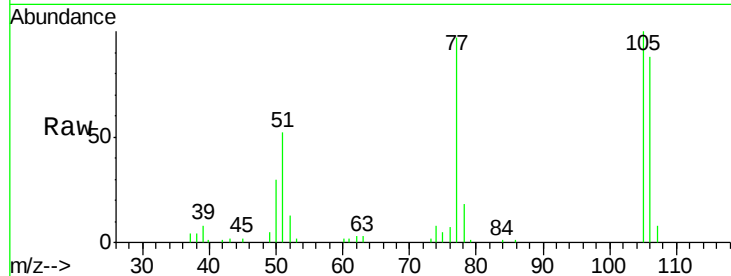
ClientSampleId :

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Tgt Ion:	77	Resp:	37044
Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.9	123.9
106	90.6	77.6	117.6

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#10

Phenol

Concen: 45.23 ng

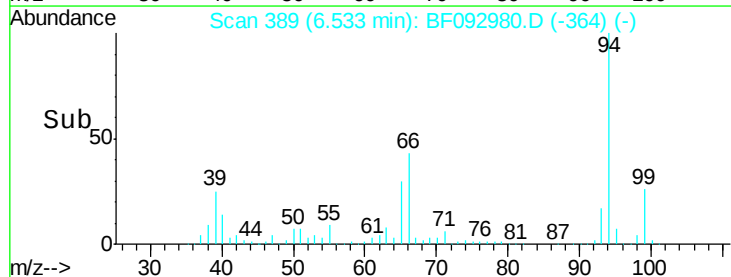
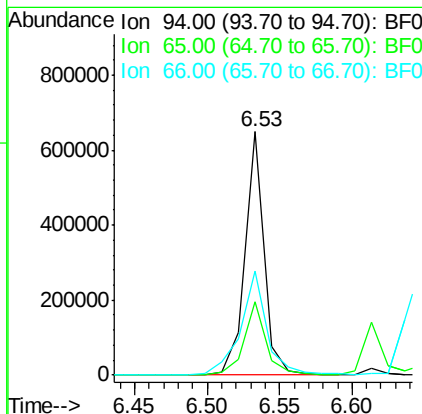
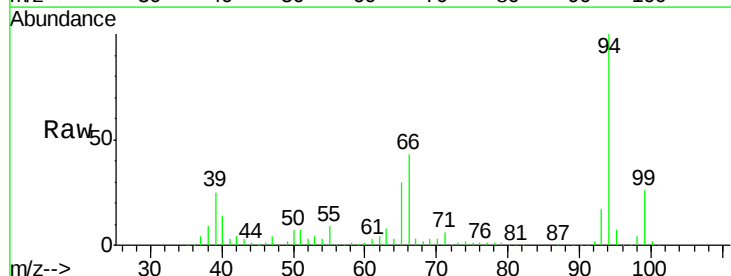
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	94	Resp:	590686
Ion	Ratio	Lower	Upper
94	100		
65	29.9	21.4	61.4
66	42.5	44.0	84.0#





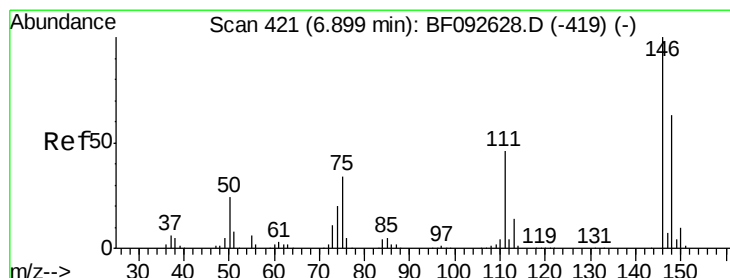
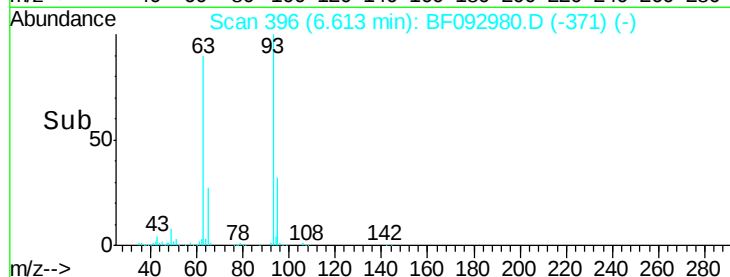
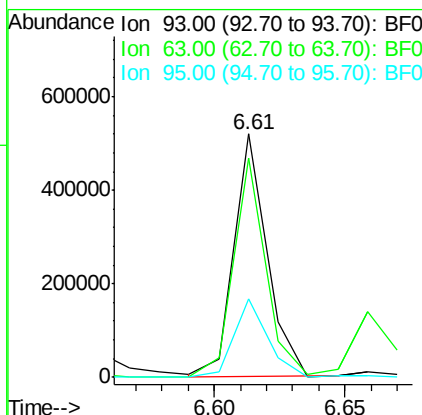
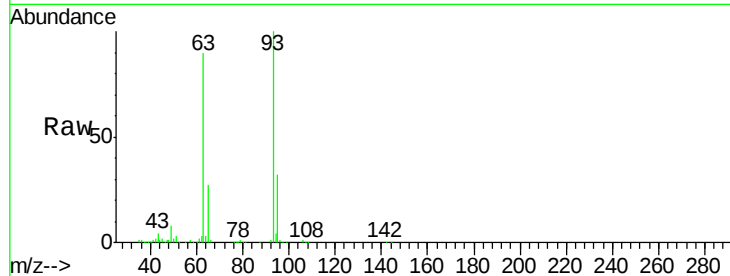
#11
bis(2-Chloroethyl)ether
Concen: 44.27 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	461438		
63	90.1	60.4	100.4	
95	32.4	12.8	52.8	

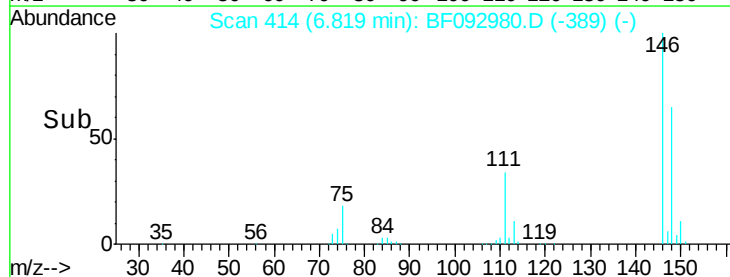
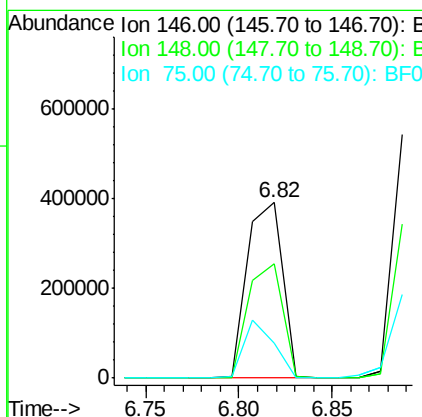
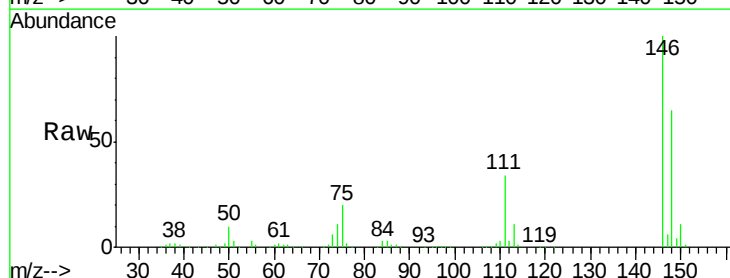
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#12
1,3-Dichlorobenzene
Concen: 45.81 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	513488		
148	65.0	53.4	80.0	
75	19.8	18.5	27.7	





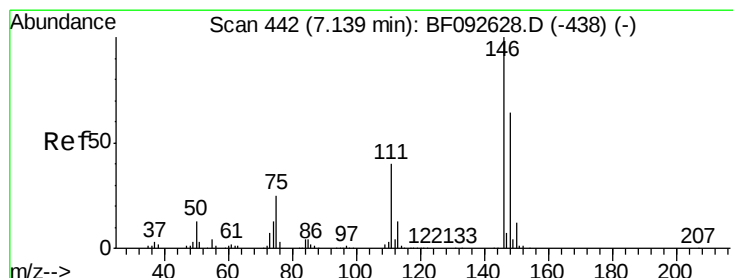
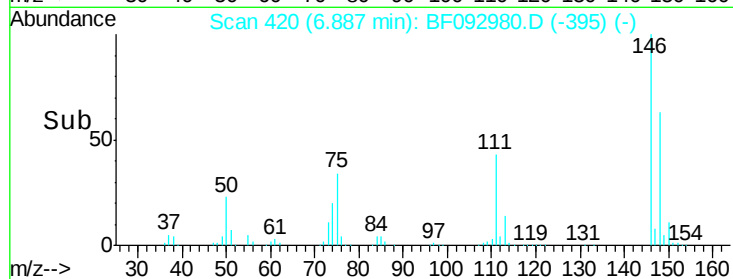
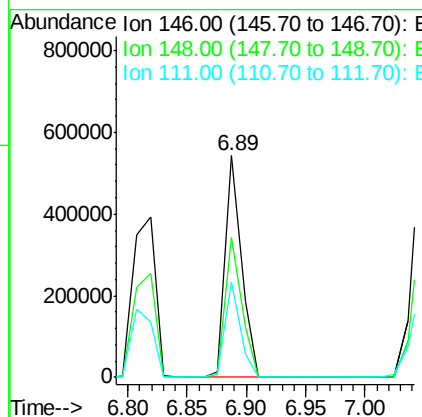
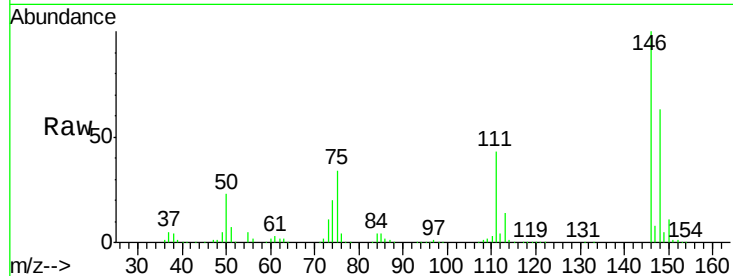
#13
 1,4-Dichlorobenzene
 Concen: 45.15 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	43.1	36.2	54.4

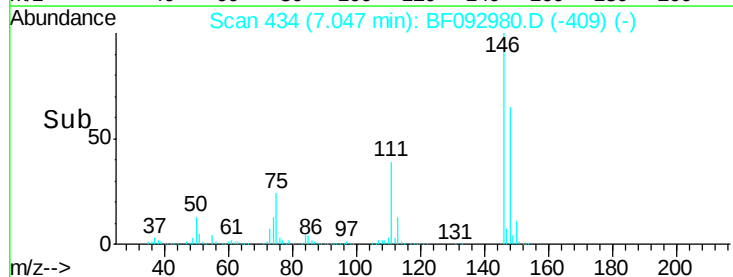
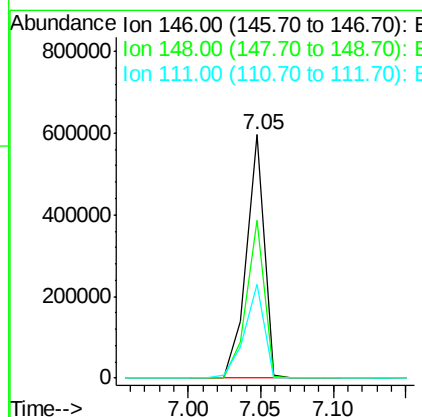
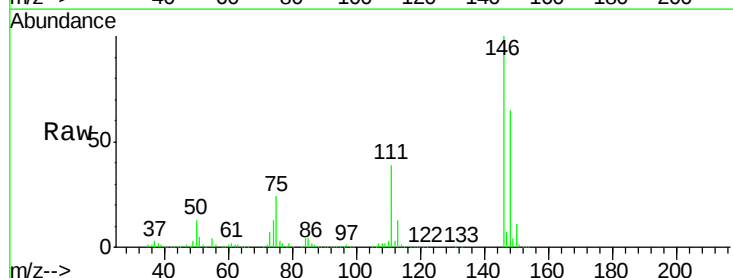
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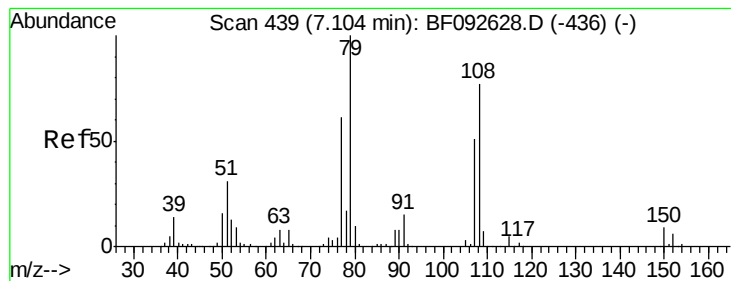
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.04 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	38.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 49.89 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion: 79 Resp: 412289

Ion Ratio Lower Upper

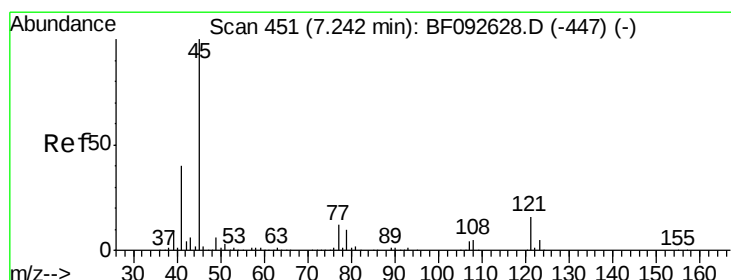
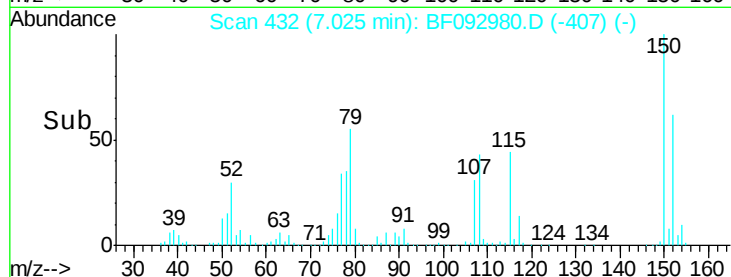
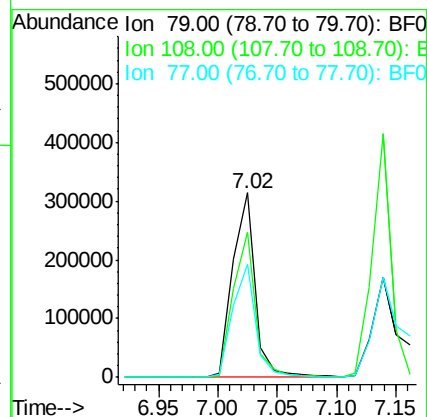
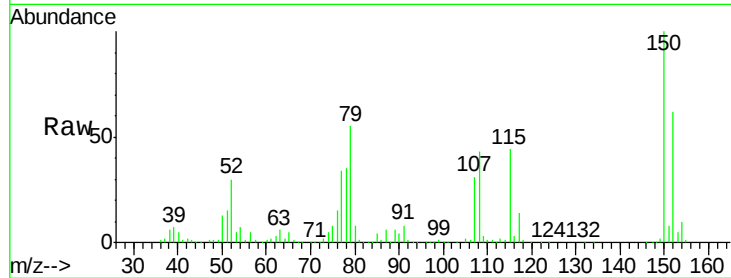
79 100

108 79.0 61.4 92.0

77 61.6 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.86 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

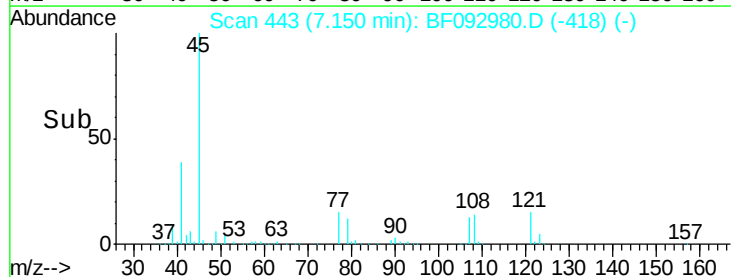
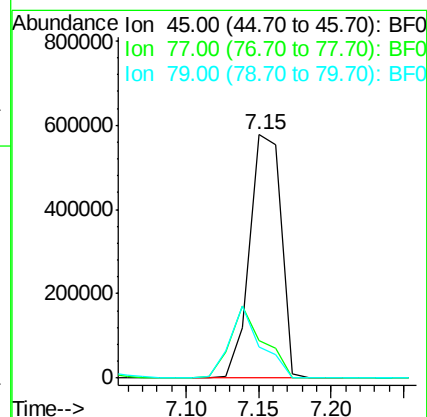
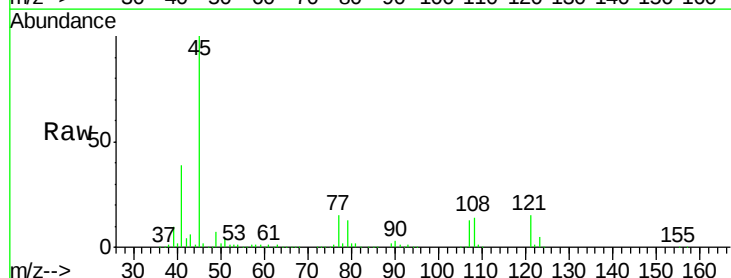
Tgt Ion: 45 Resp: 866689

Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.6

79 12.7 0.0 31.2





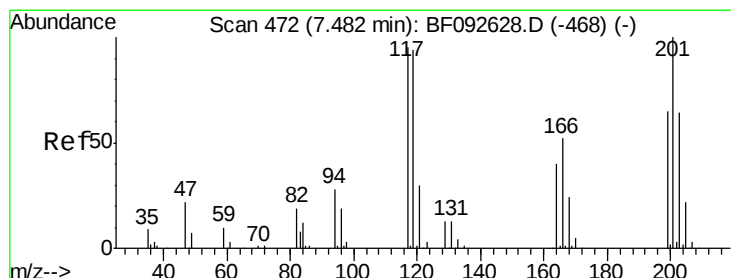
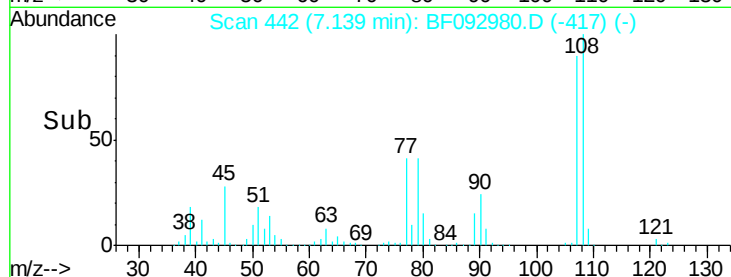
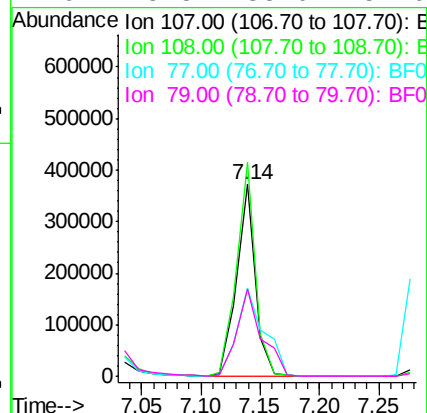
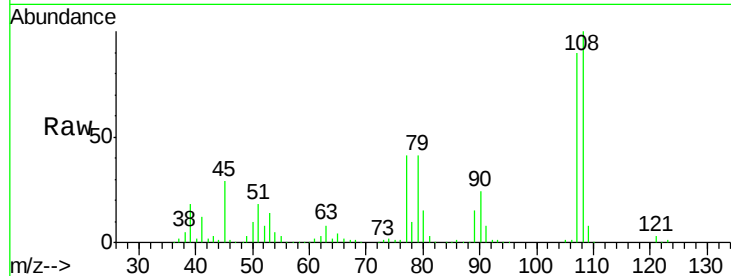
#17
2-Methylphenol
Concen: 49.49 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	406292		
108	111.6	93.0	139.6	
77	45.9	39.8	59.8	
79	45.8	38.0	57.0	

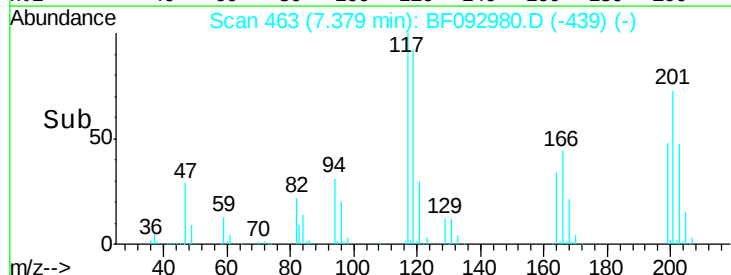
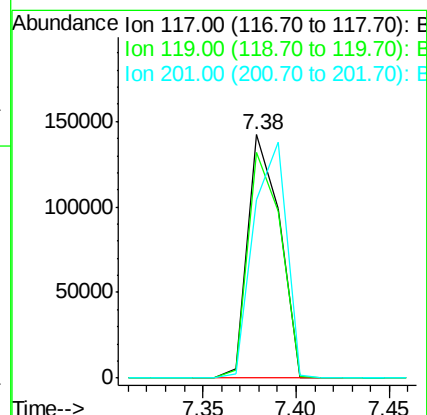
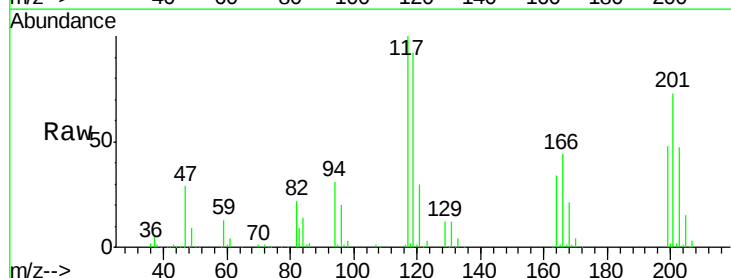
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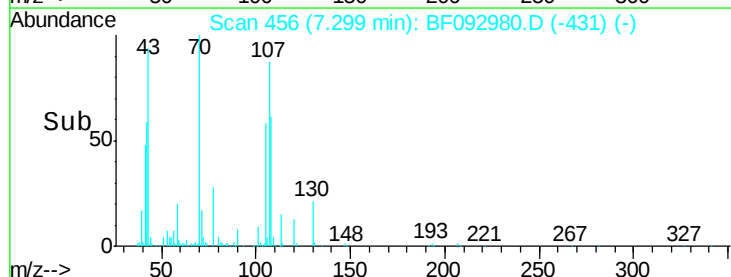
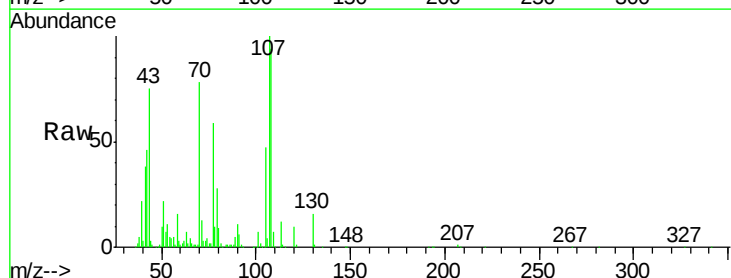
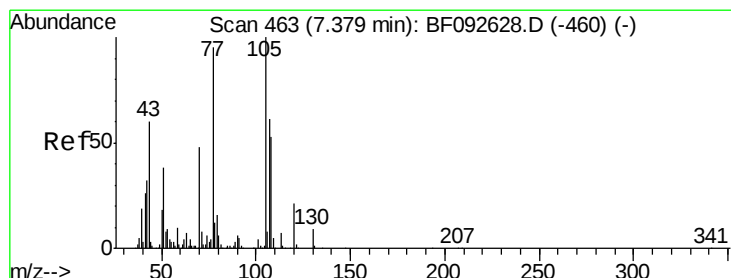
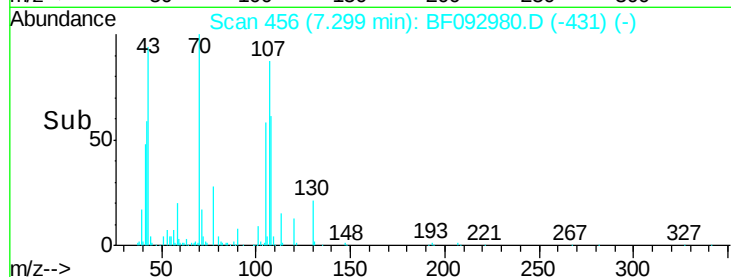
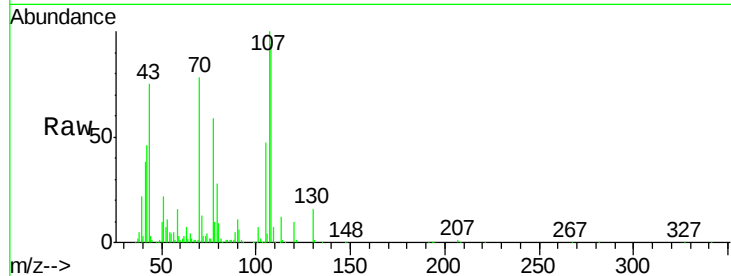
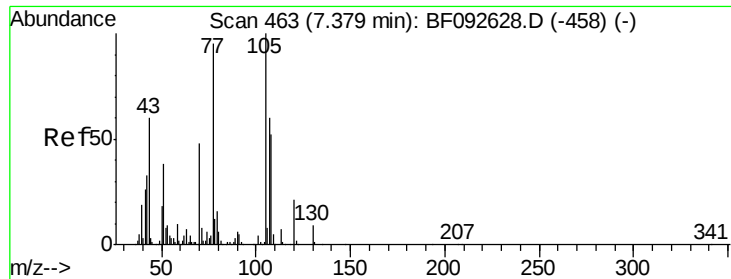
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#18
Hexachloroethane
Concen: 43.77 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

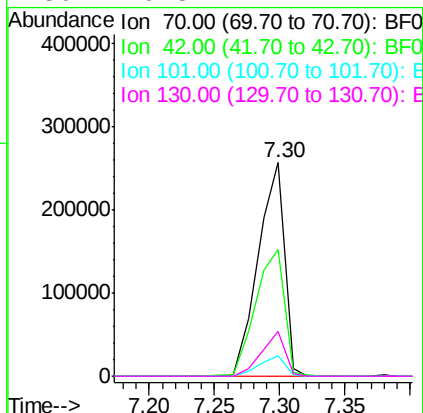
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169520		
119	92.4	78.1	117.1	
201	73.1	78.6	117.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 51.13 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	59.3	49.4	74.0	
101	9.4	7.4	11.2	
130	20.8	14.2	21.4	



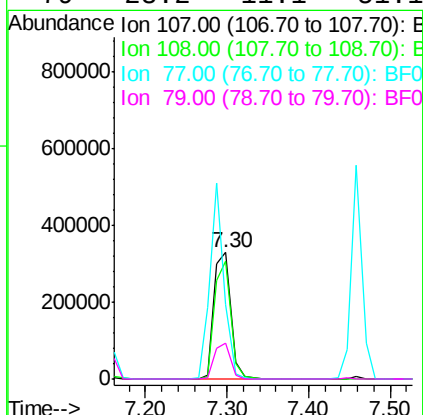
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

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#20
3+4-Methylphenols
Concen: 48.23 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.9	73.0	113.0	
77	59.3	71.3	111.3#	
79	28.2	11.1	51.1	





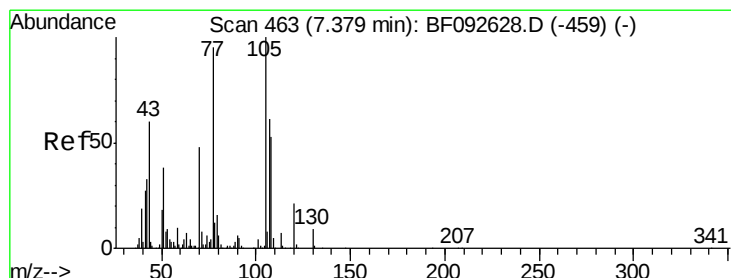
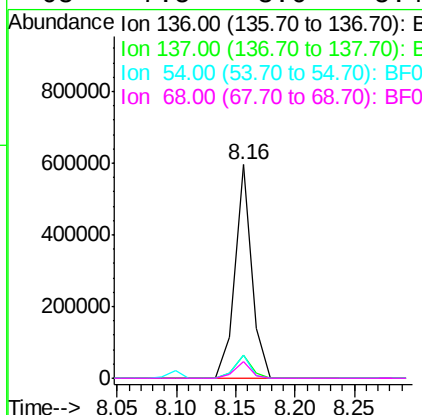
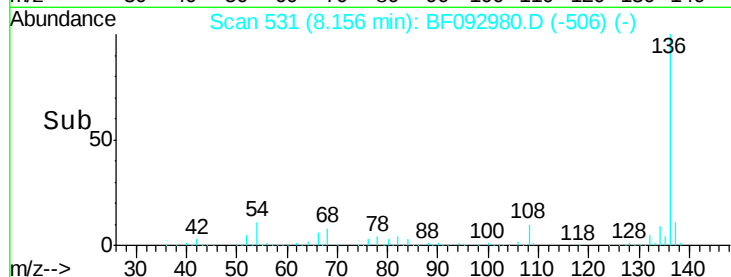
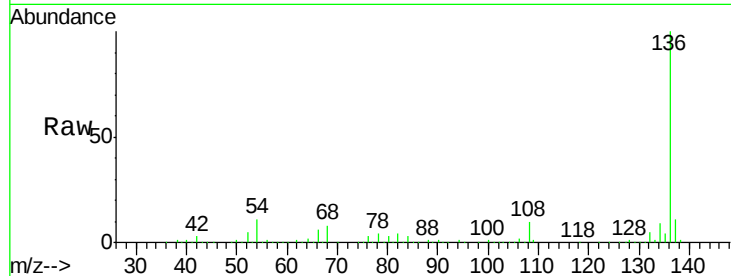
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	586829		
137	10.9	8.4	12.6	
54	10.9	4.5	6.7#	
68	7.5	3.6	5.4#	

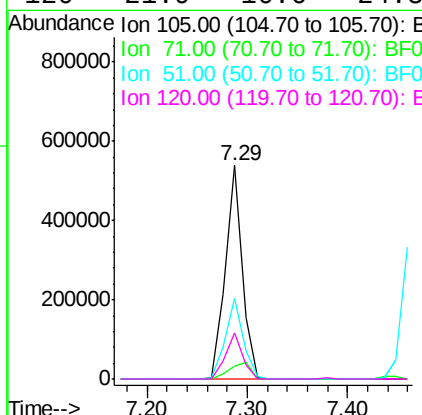
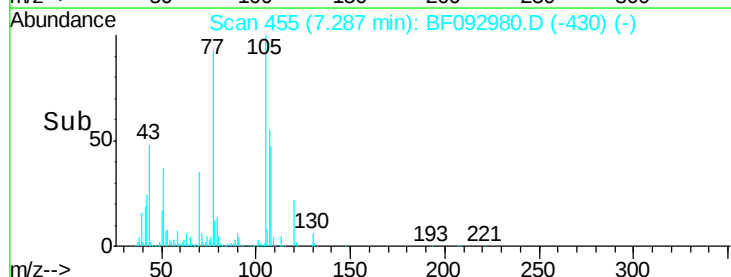
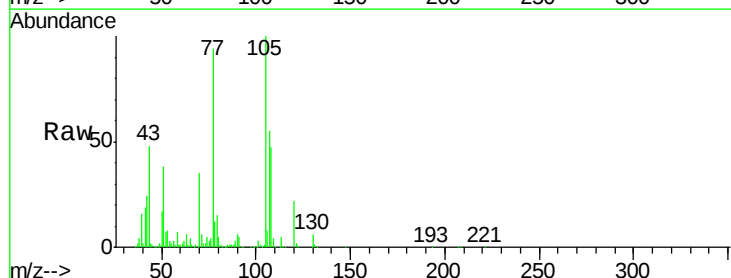
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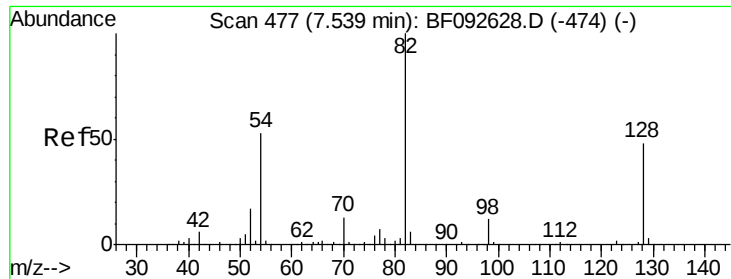
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#22
Acetophenone
Concen: 47.07 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	630647		
71	6.0	3.2	4.8#	
51	37.6	26.2	39.4	
120	21.9	16.6	24.8	





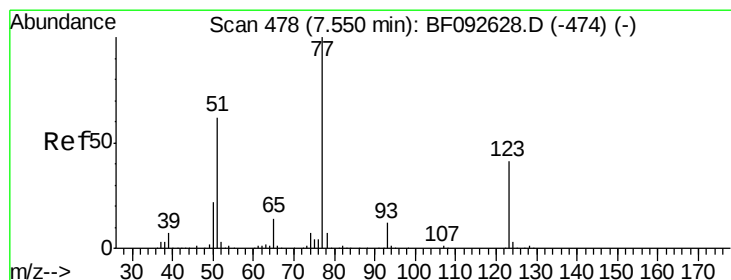
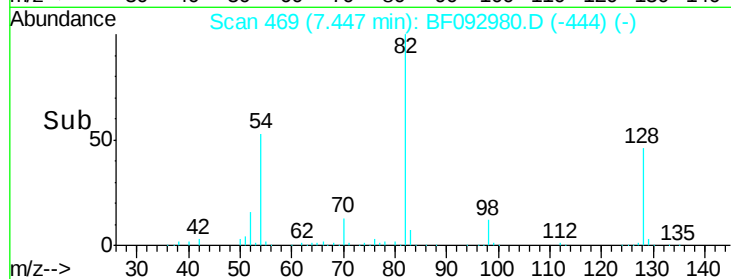
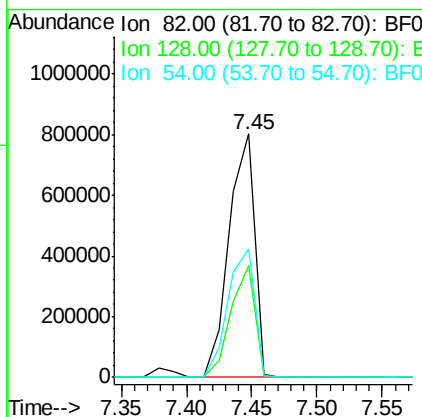
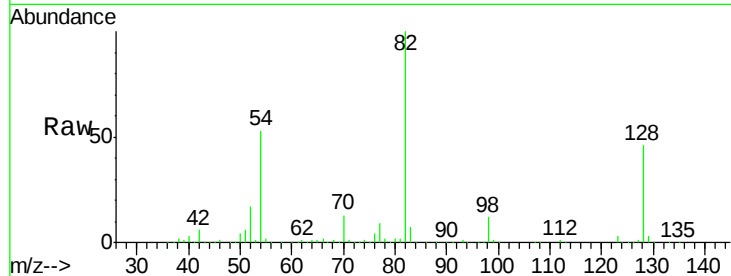
#23
 Nitrobenzene-d5
 Concen: 103.10 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion: 82 Resp: 1086510
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 52.0
 54 52.9 39.5 59.3

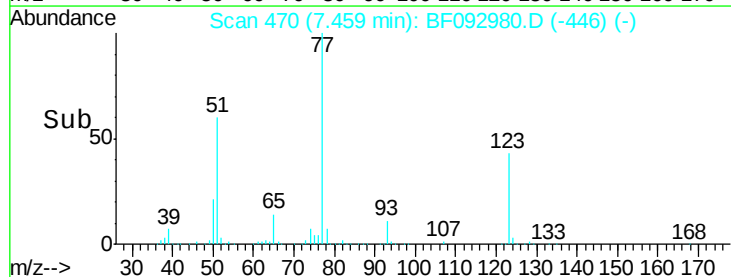
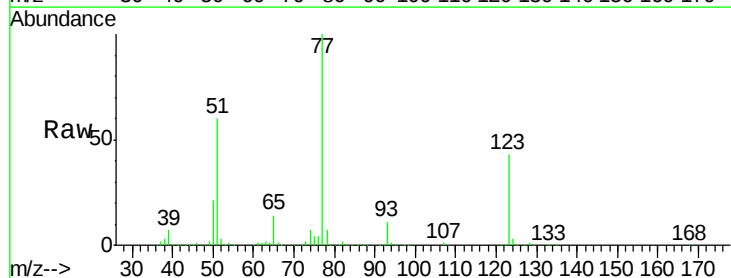
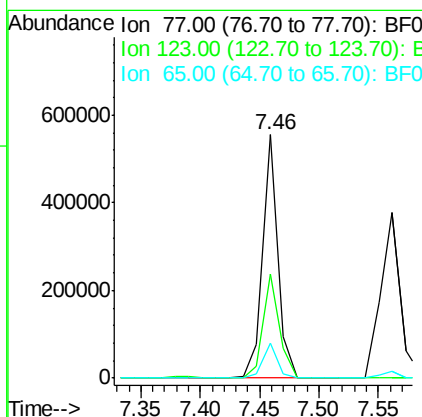
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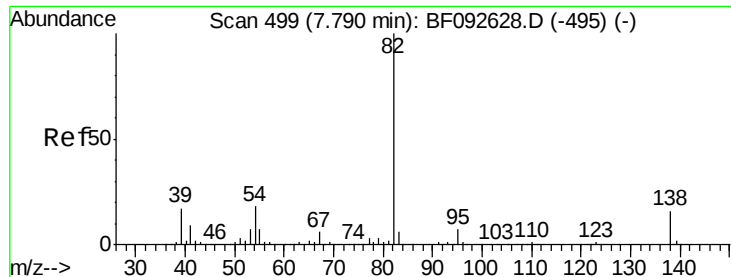
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#24
 Nitrobenzene
 Concen: 46.30 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion: 77 Resp: 501022
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 49.02 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

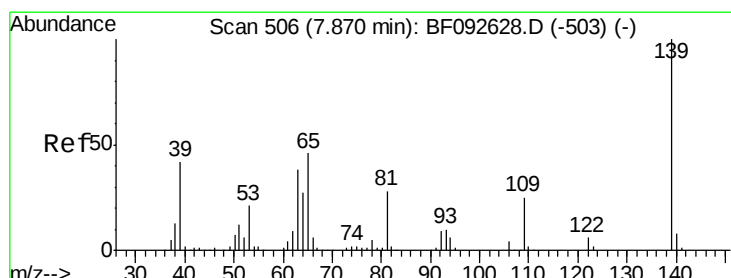
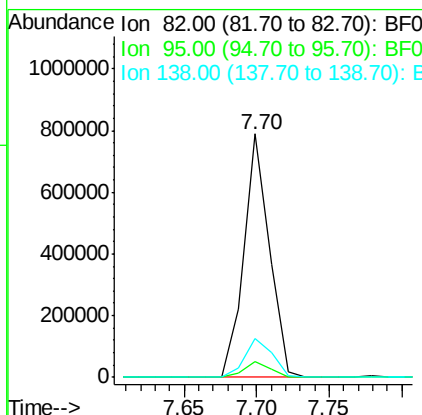
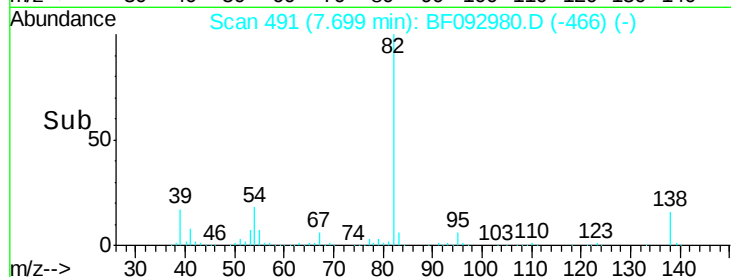
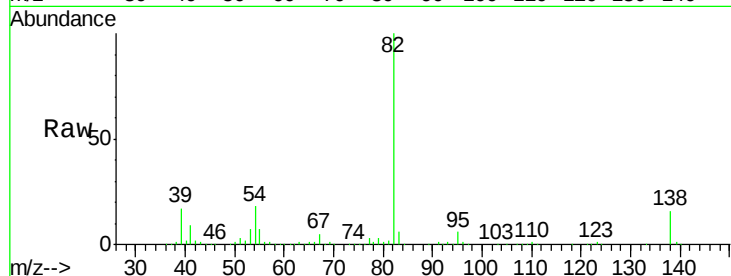
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	82	Resp:	962680
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	16.0	14.6	22.0

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#26

2-Nitrophenol

Concen: 54.85 ng

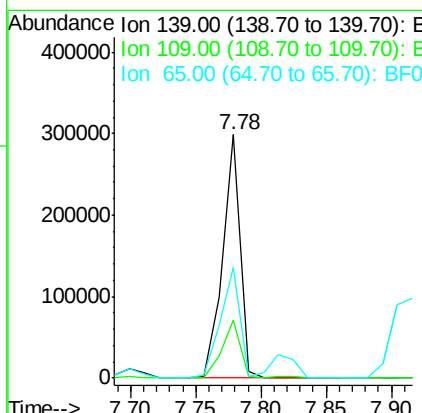
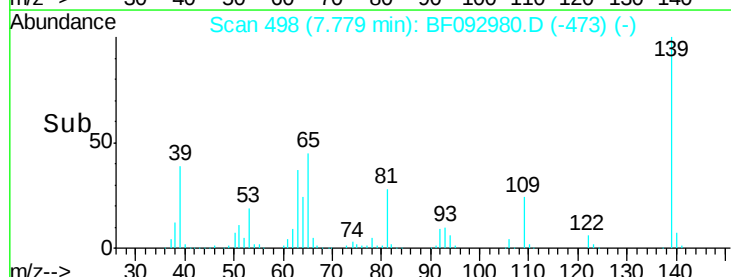
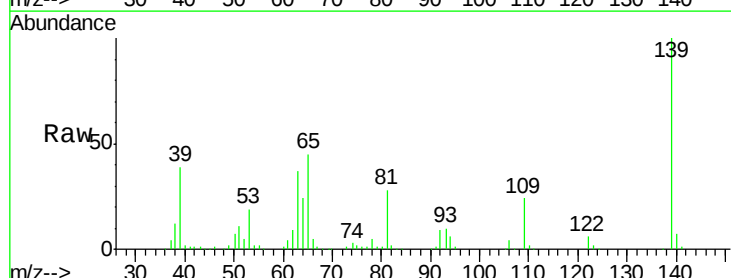
RT: 7.78 min Scan# 498

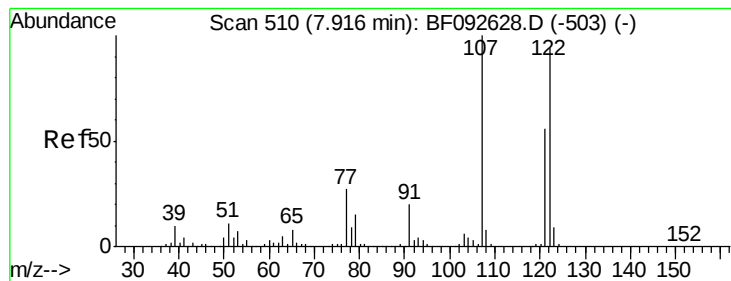
Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	139	Resp:	282115
Ion Ratio	Lower	Upper	
139	100		
109	24.0	23.3	34.9
65	45.5	42.7	64.1





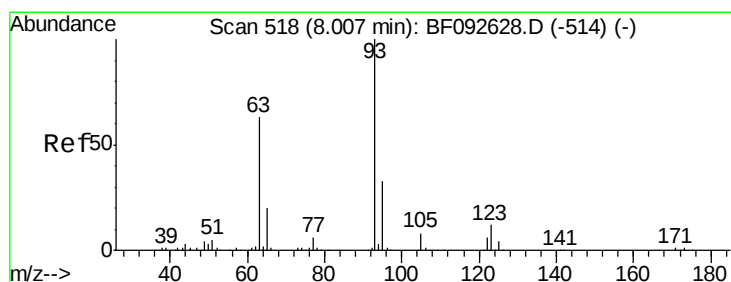
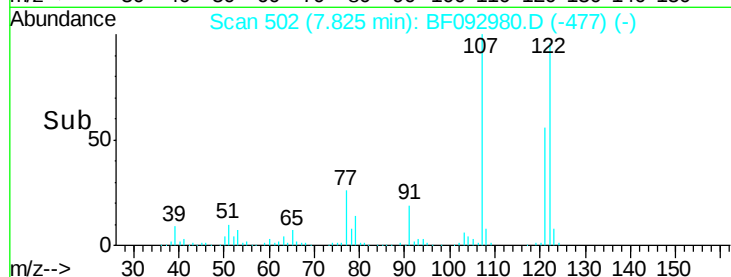
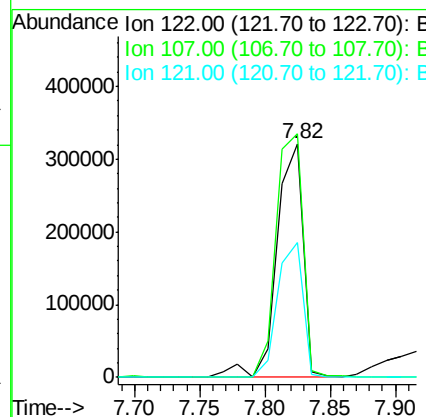
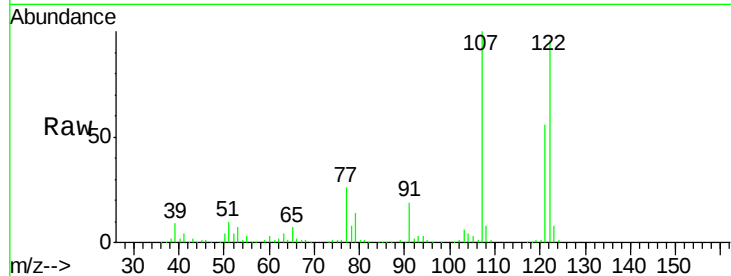
#27
2,4-Dimethylphenol
Concen: 50.42 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	455486		
107	104.2	94.1	141.1	
121	57.9	46.0	69.0	

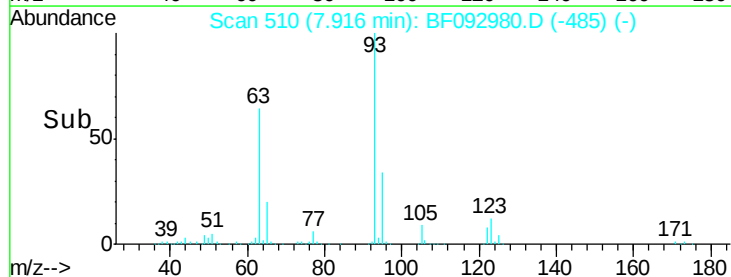
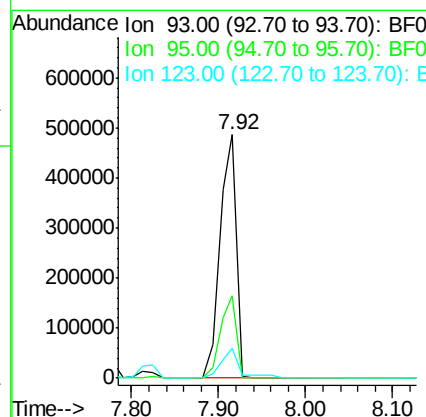
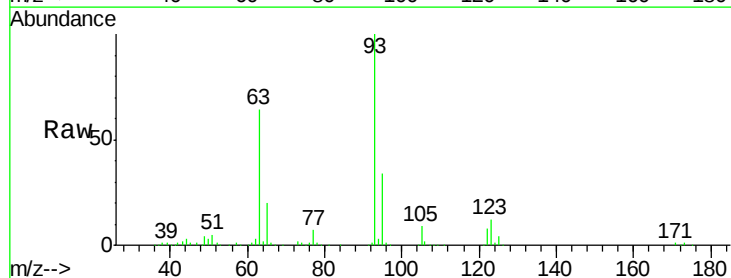
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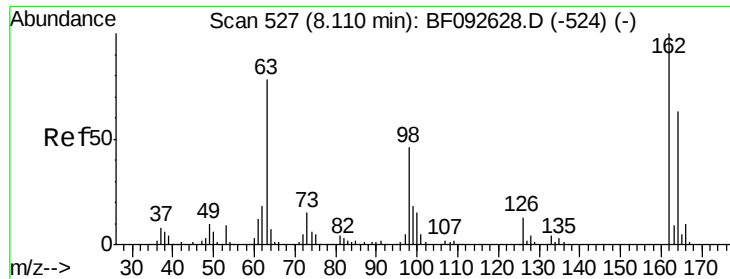
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.62 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	645306		
95	33.6	26.5	39.7	
123	12.4	8.6	13.0	





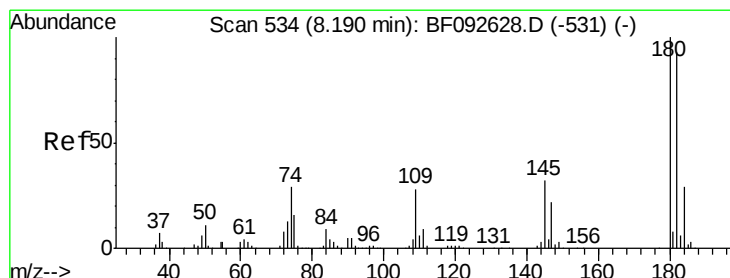
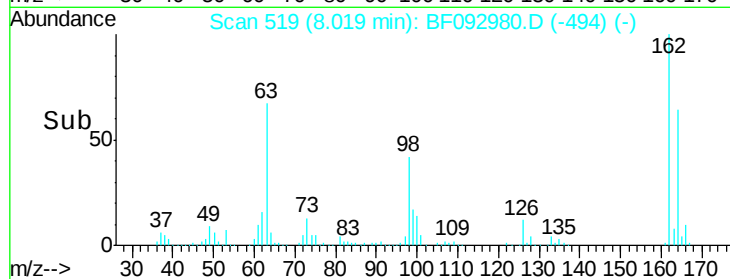
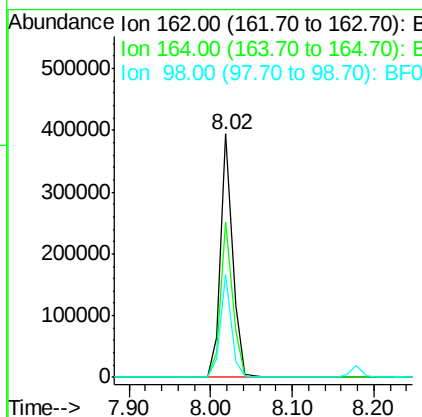
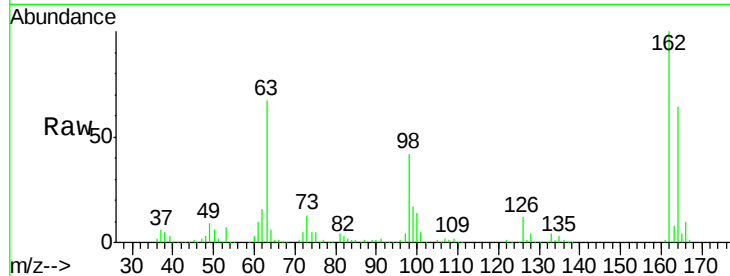
#29
2,4-Dichlorophenol
Concen: 47.82 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	402860		
164	63.7	46.8	86.8	
98	42.0	9.1	49.1	

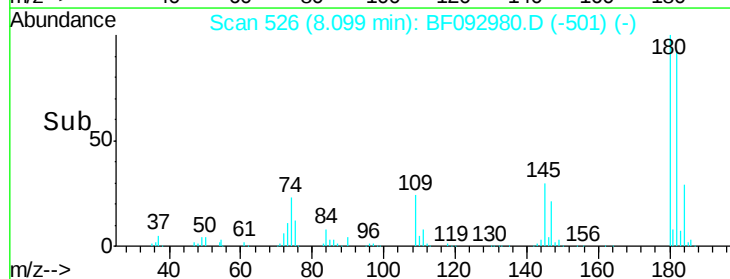
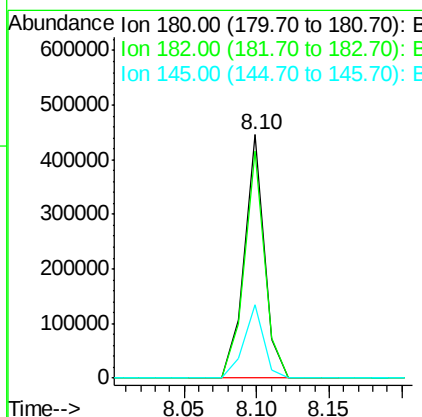
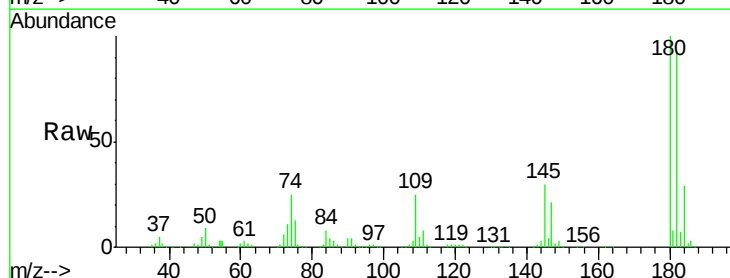
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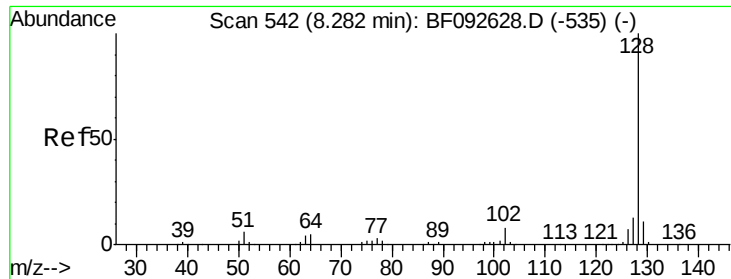
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#30
1,2,4-Trichlorobenzene
Concen: 47.43 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430590		
182	93.1	78.2	117.4	
145	30.3	21.6	32.4	





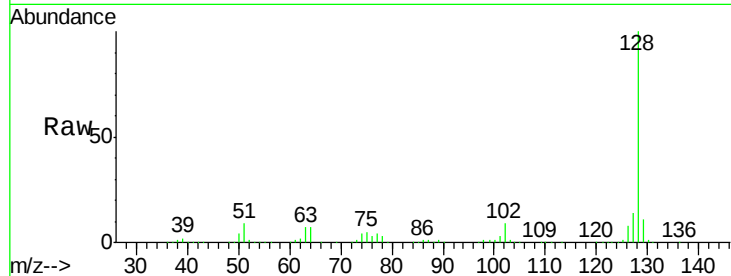
#31
Naphthalene
Concen: 44.35 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

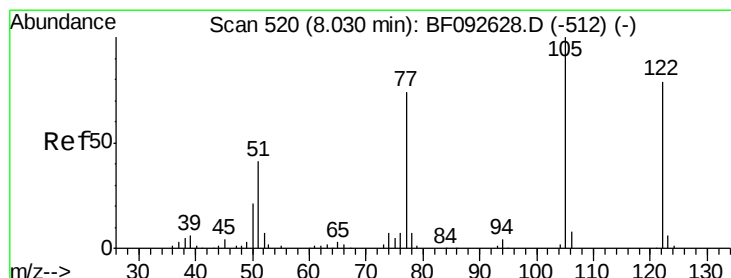
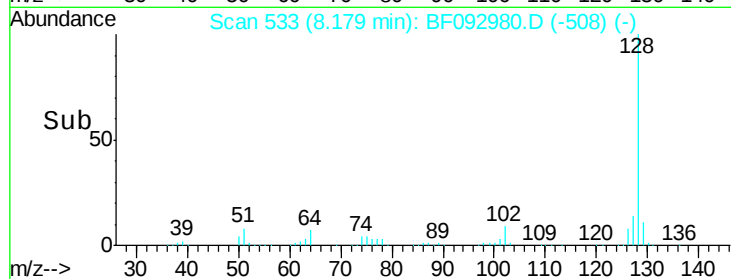
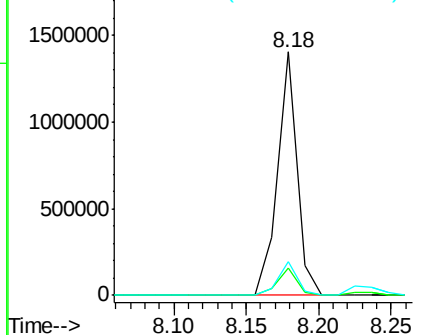
Tgt Ion:128 Resp: 1319444
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.7 10.8 16.2

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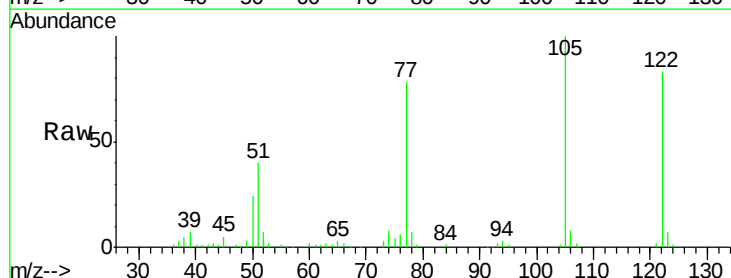


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

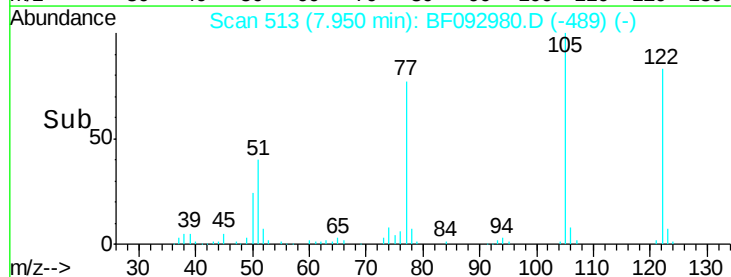
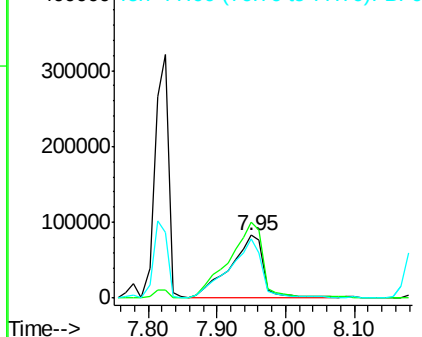


#32
Benzoic acid
Concen: 52.73 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:122 Resp: 274152
Ion Ratio Lower Upper
122 100
105 120.0 107.2 147.2
77 93.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





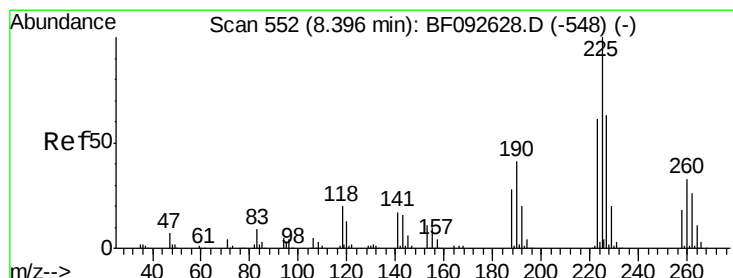
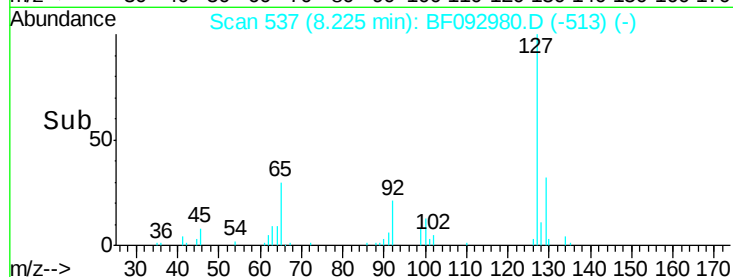
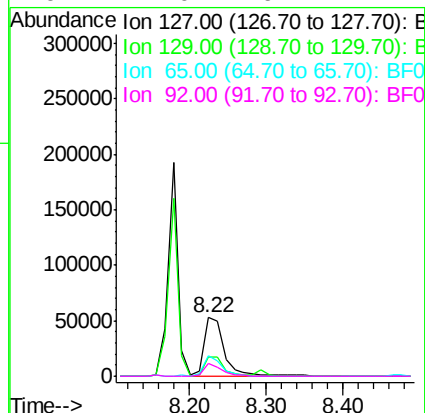
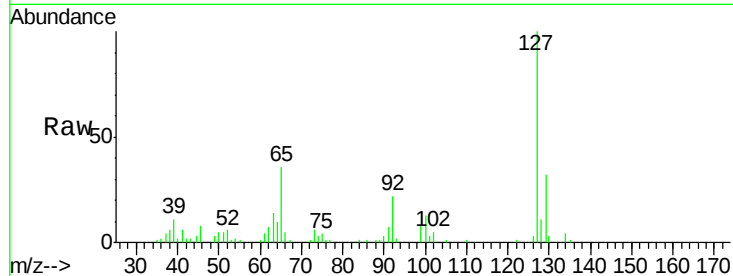
#33
4-Chloroaniline
Concen: 8.22 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		95882		
129	32.1	26.3	39.5		
65	36.1	25.8	38.8		
92	22.0	16.1	24.1		

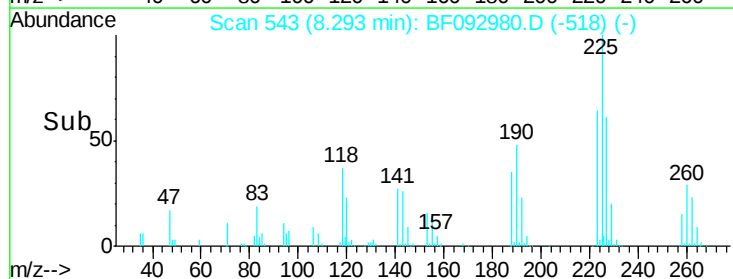
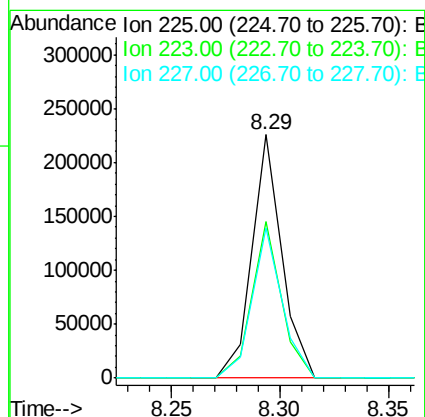
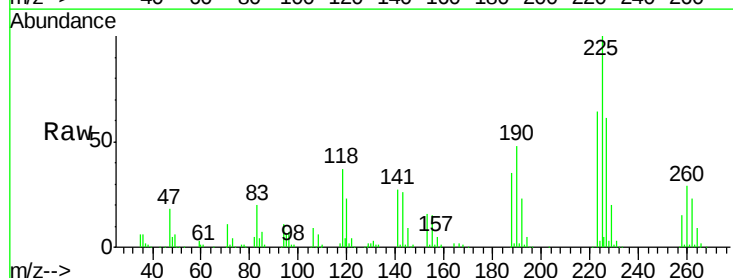
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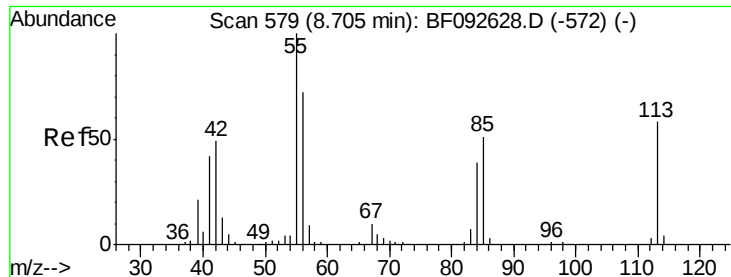
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#34
Hexachlorobutadiene
Concen: 43.10 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		215297		
223	64.3	51.0	76.6		
227	61.5	50.6	76.0		





#35

Caprolactam

Concen: 44.25 ng m

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

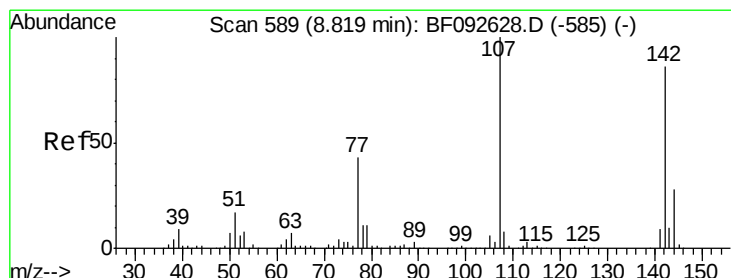
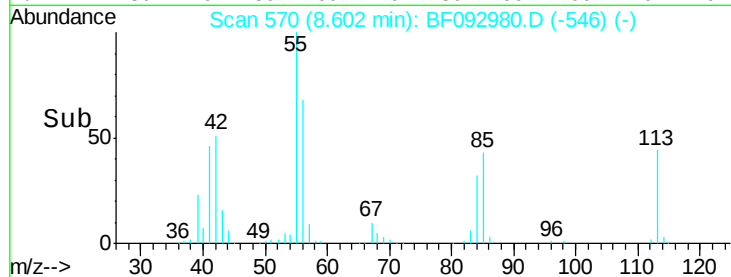
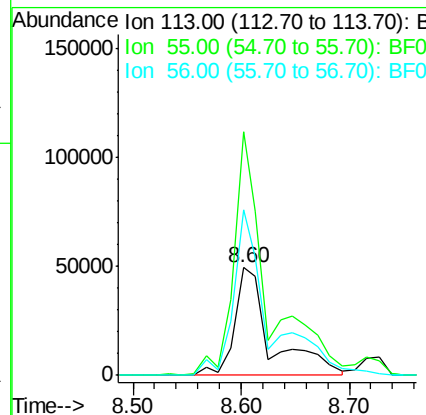
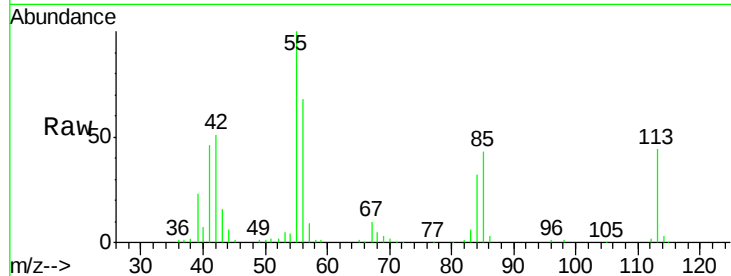
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:113 Resp: 117261
 Ion Ratio Lower Upper
 113 100
 55 226.0 119.2 159.2#
 56 153.2 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 52.10 ng

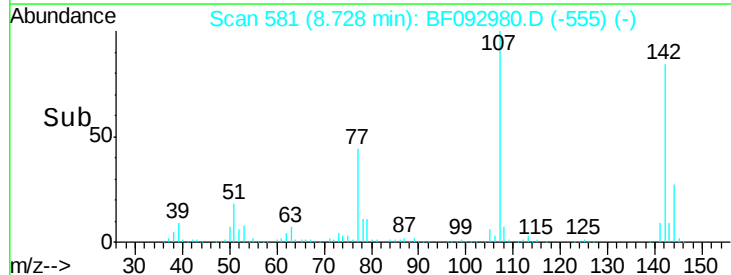
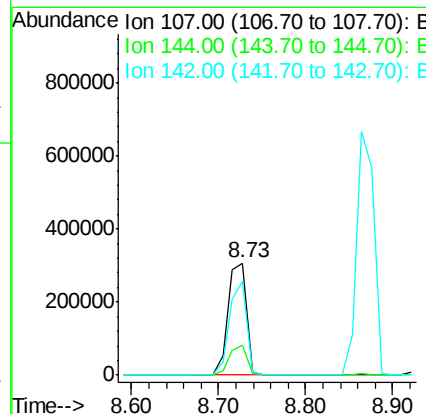
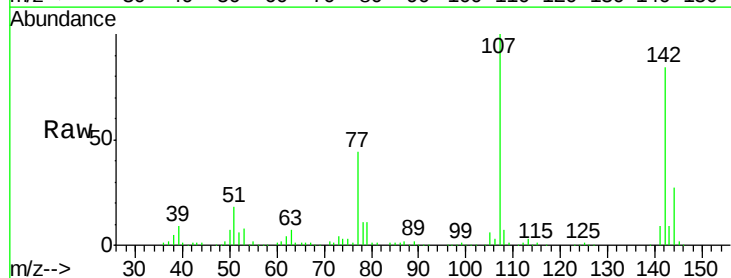
RT: 8.73 min Scan# 581

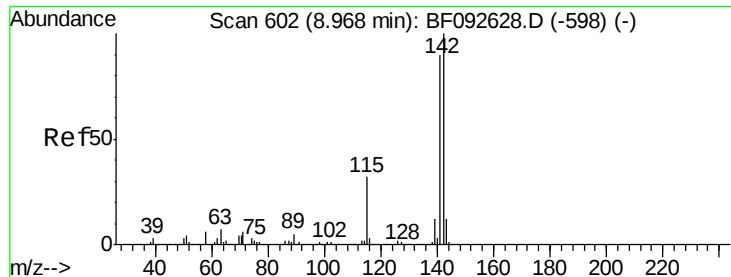
Delta R.T. 0.00 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:107 Resp: 457586
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.3 28.9
 142 83.7 59.0 88.6





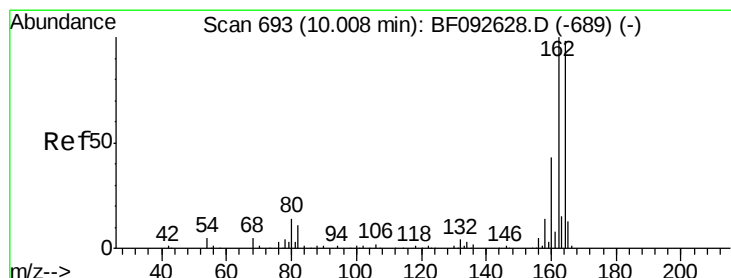
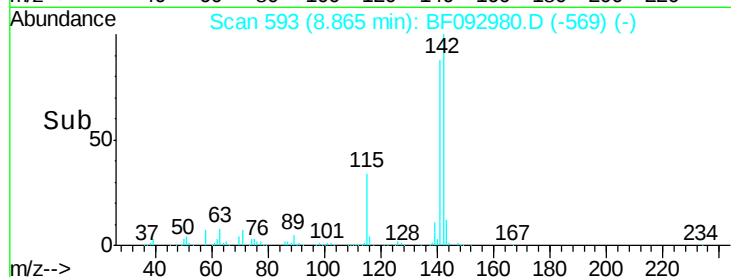
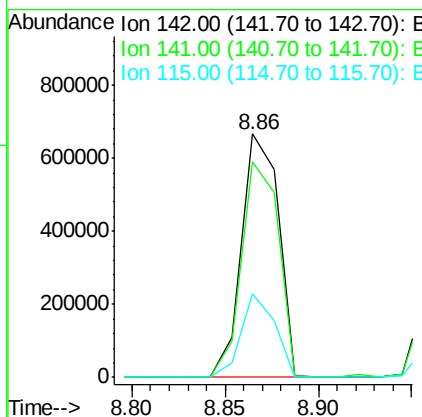
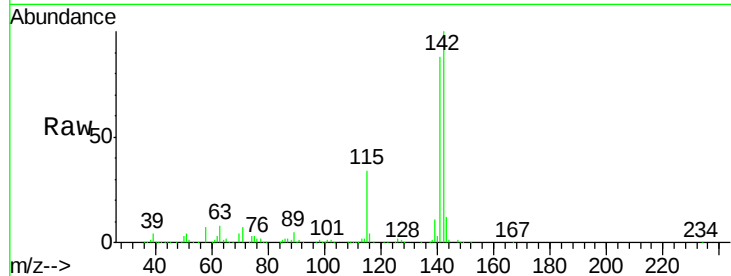
#37
 2-Methylnaphthalene
 Concen: 48.66 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	34.1	28.3	42.5

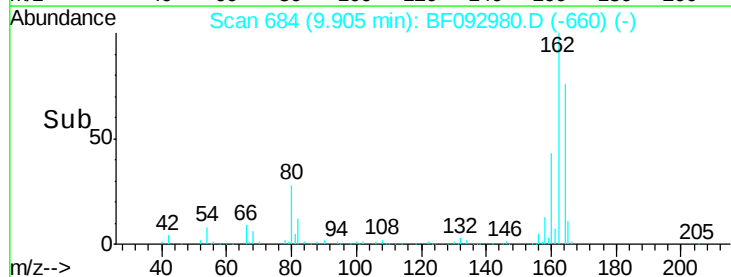
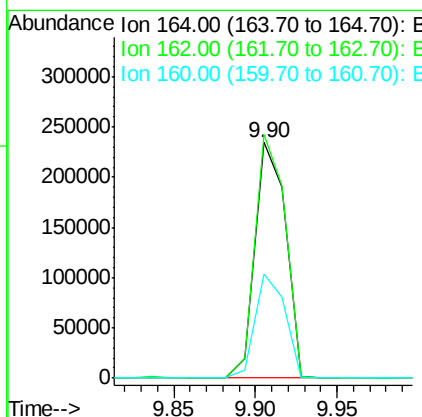
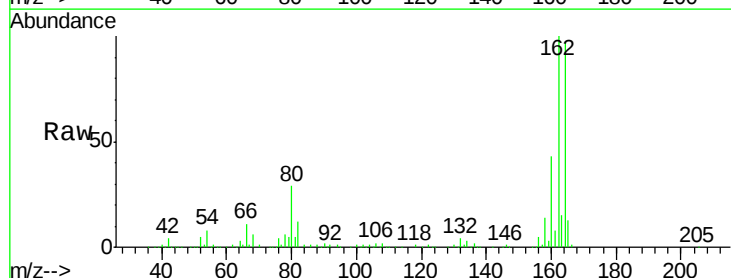
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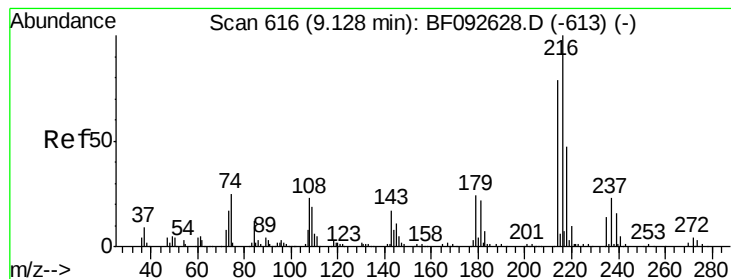
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	44.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.95 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

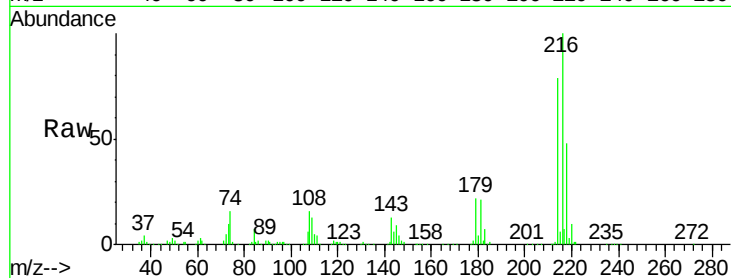
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	216	Resp:	413328
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	21.8	17.4	26.2
108	19.6	15.6	23.4

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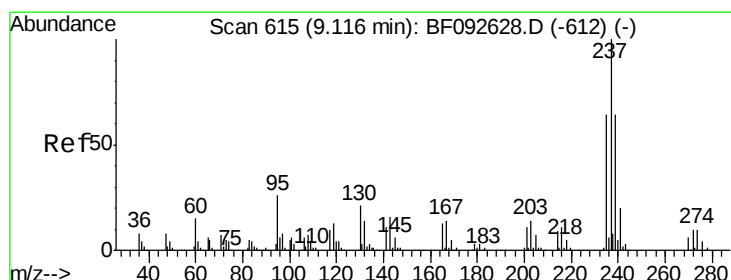
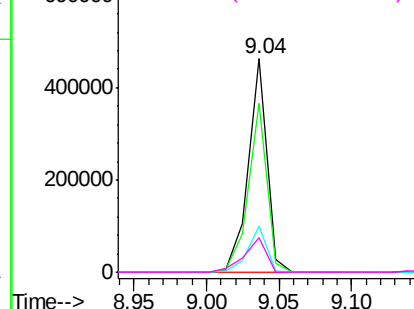
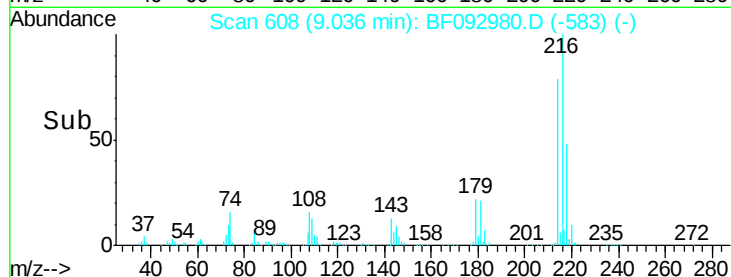


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.58 ng

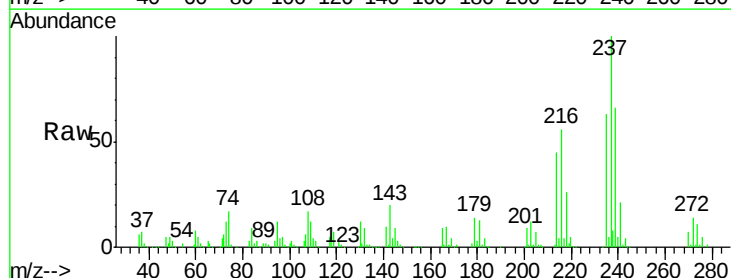
RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092980.D

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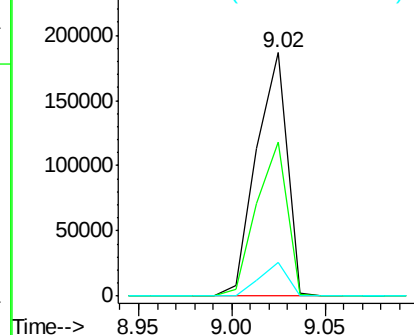
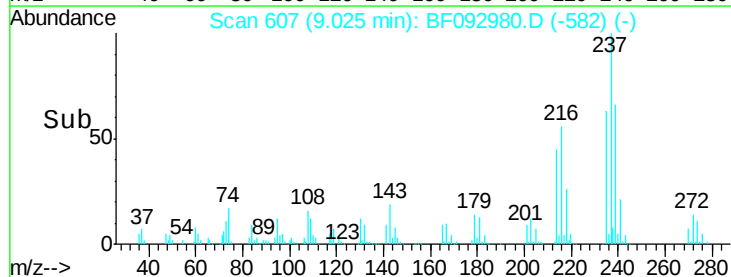
Tgt Ion:	237	Resp:	212281
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.2	81.2
272	13.7	0.0	35.4

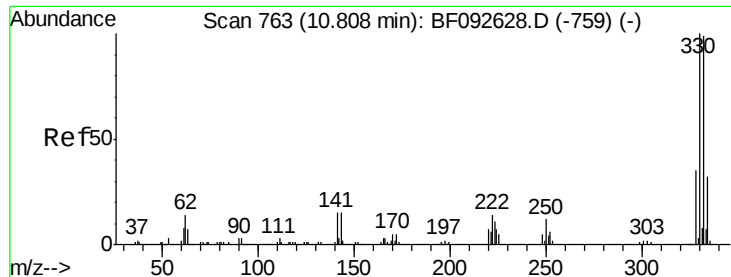


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





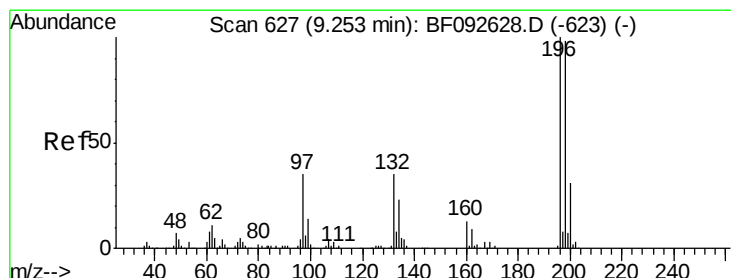
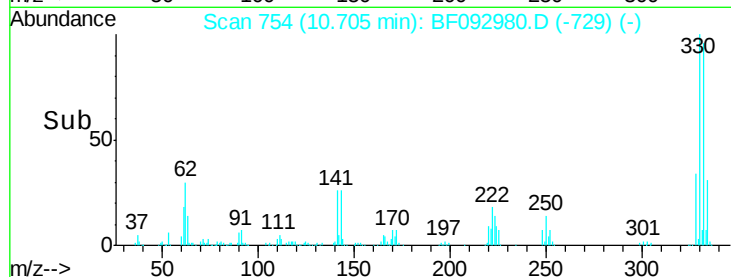
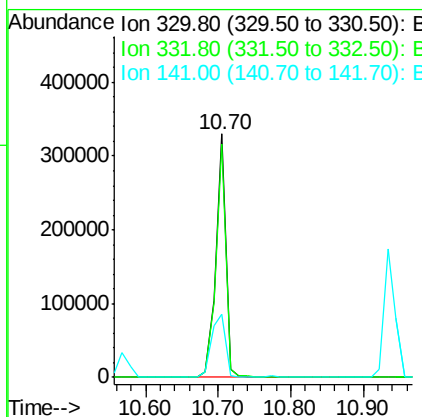
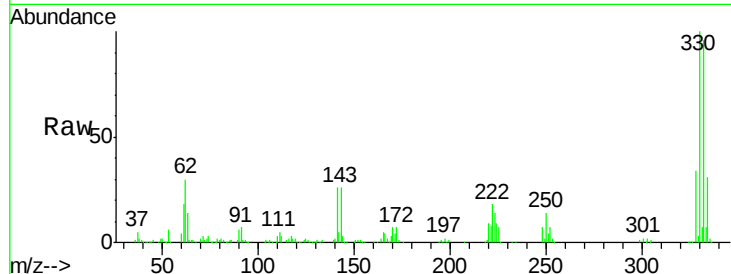
#41
 2,4,6-Tribromophenol
 Concen: 143.07 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	317782		
332	96.0		77.4	116.2
141	36.0		34.1	51.1

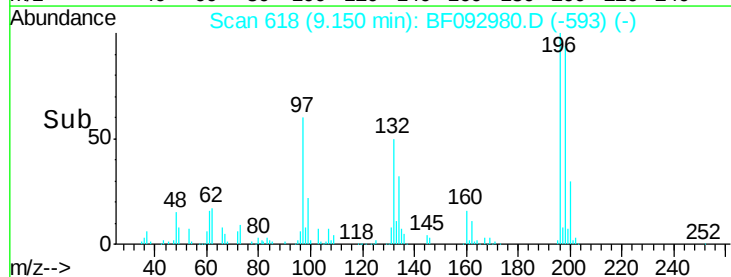
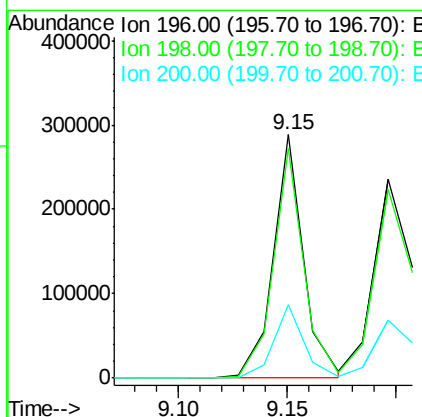
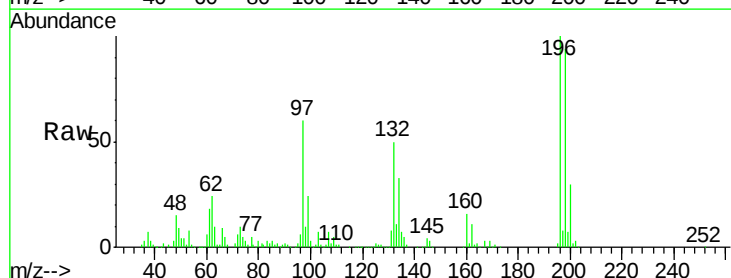
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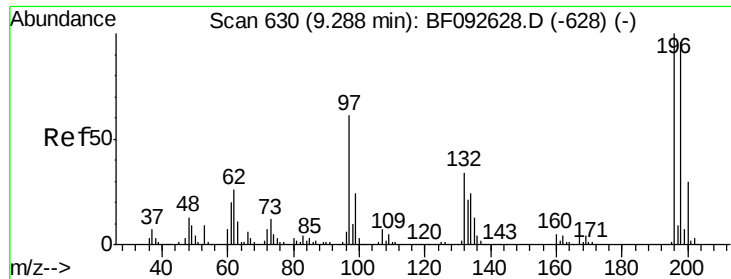
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 49.61 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

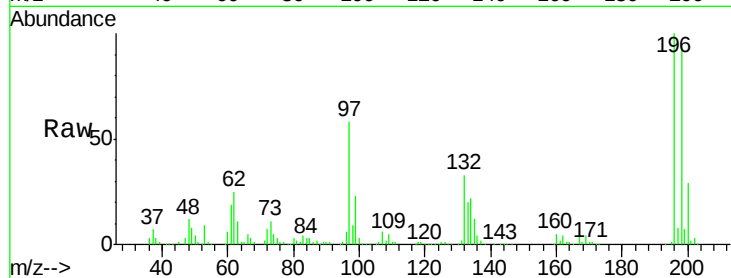
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281011		
198	94.4		82.1	123.1
200	30.3		27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 46.37 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092980.D
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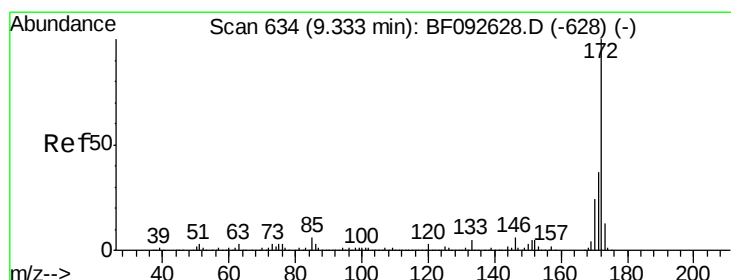
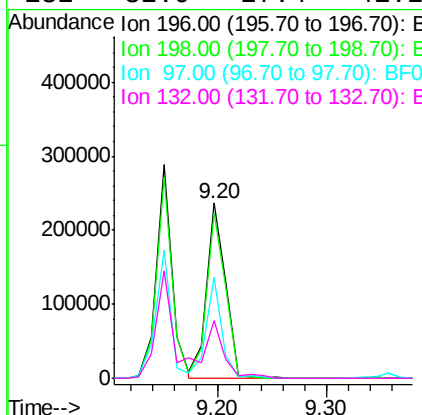
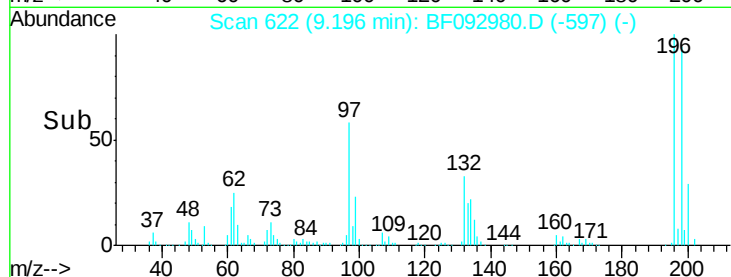
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287813		
198	94.5	79.4	119.2	
97	57.9	51.5	77.3	
132	32.9	27.4	41.2	

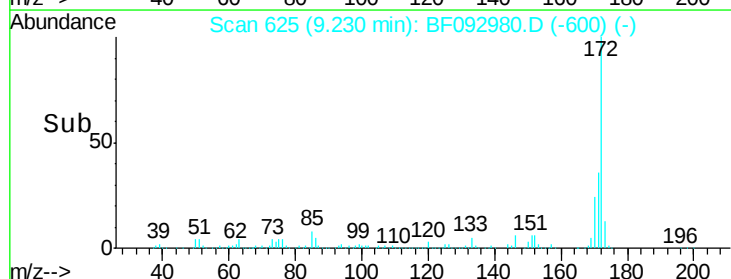
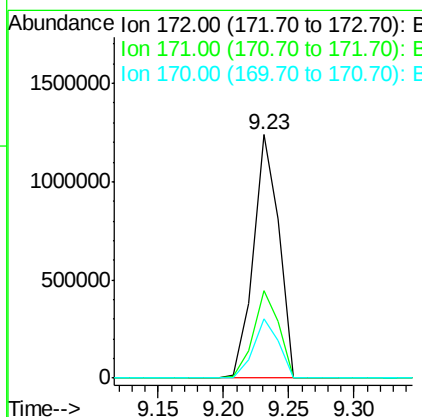
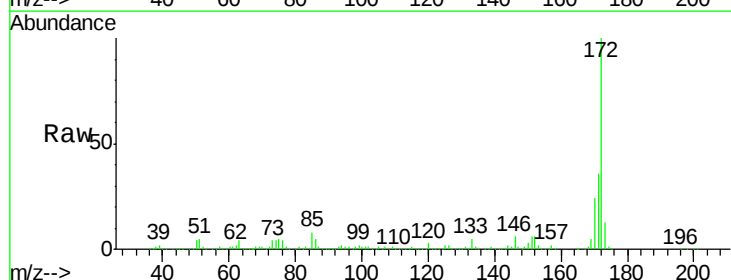
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#44
 2-Fluorobiphenyl
 Concen: 99.21 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1681736		
171	36.2	29.4	44.0	
170	24.2	20.2	30.4	





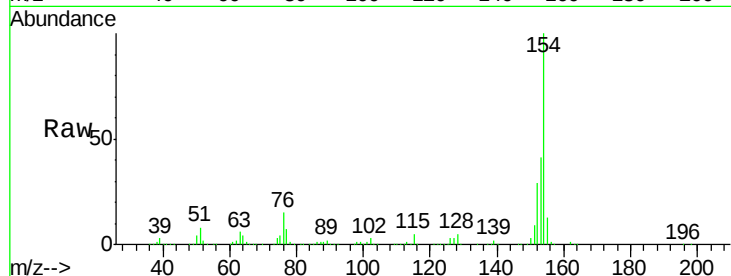
#45
1,1'-Biphenyl
Concen: 47.04 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

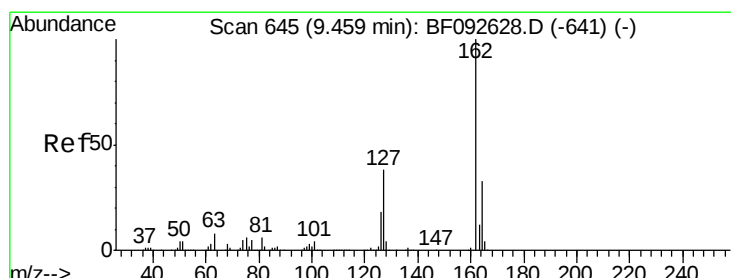
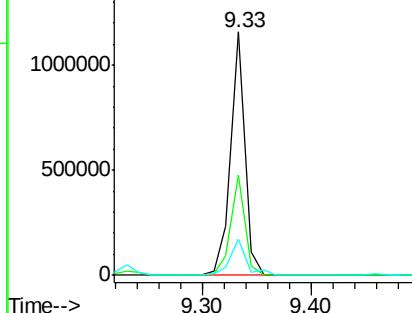
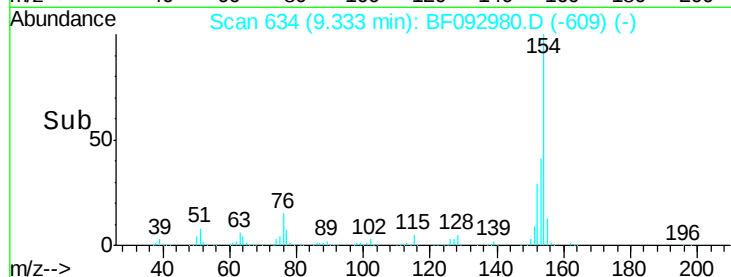
Tgt Ion:154 Resp: 1046068
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 15.0 0.0 30.5

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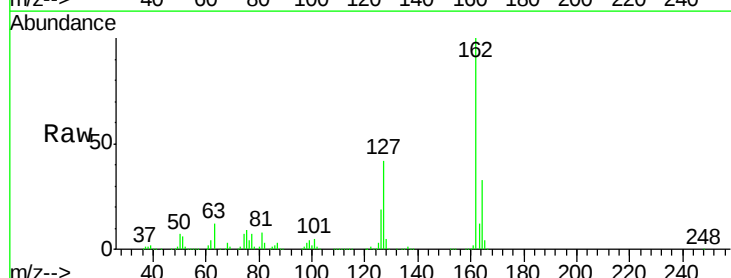


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

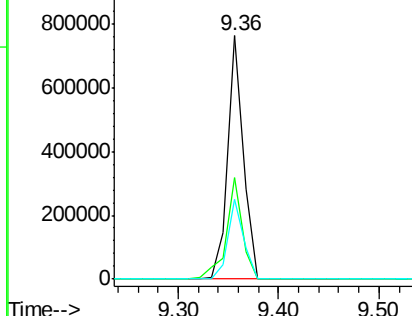
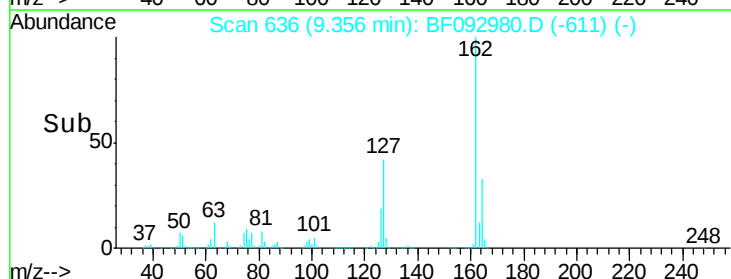


#46
2-Chloronaphthalene
Concen: 47.35 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:162 Resp: 823750
Ion Ratio Lower Upper
162 100
127 41.7 30.7 46.1
164 32.5 27.6 41.4



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





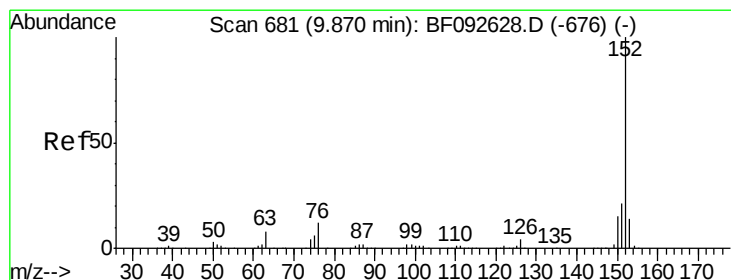
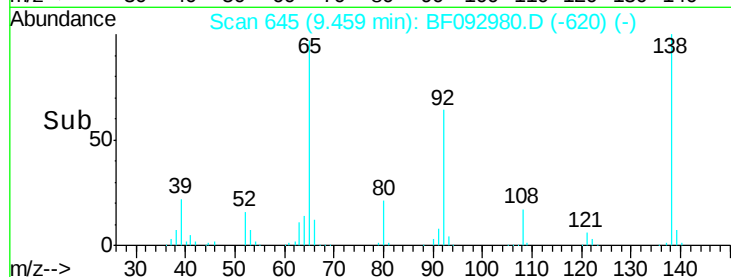
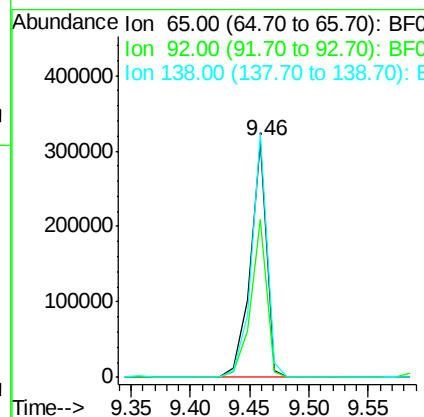
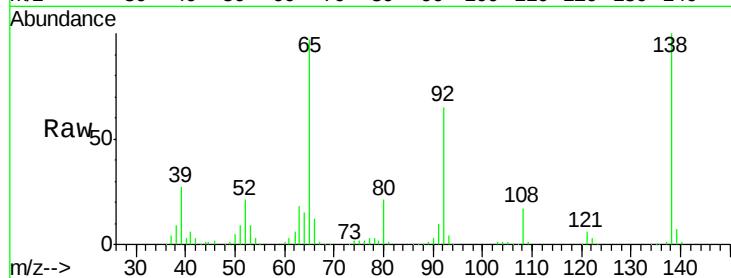
#47
2-Nitroaniline
Concen: 51.52 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	103.1	76.8	115.2

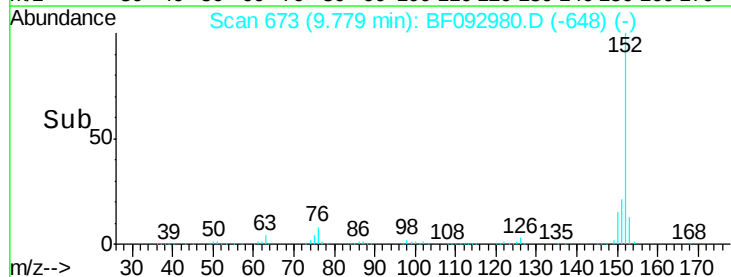
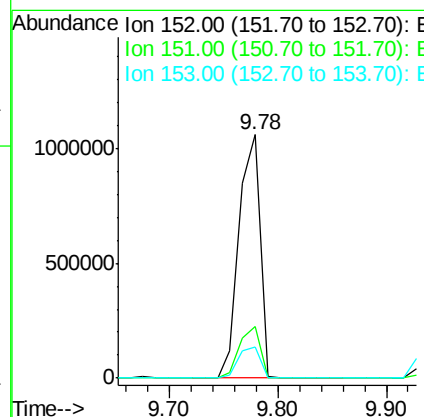
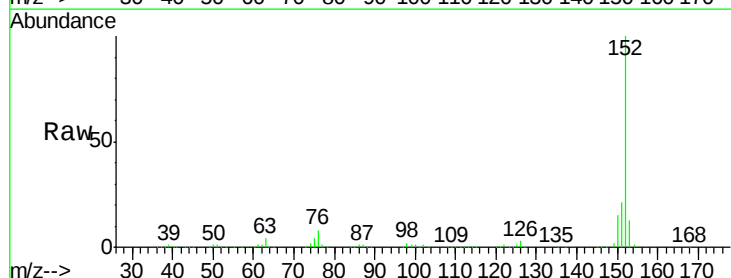
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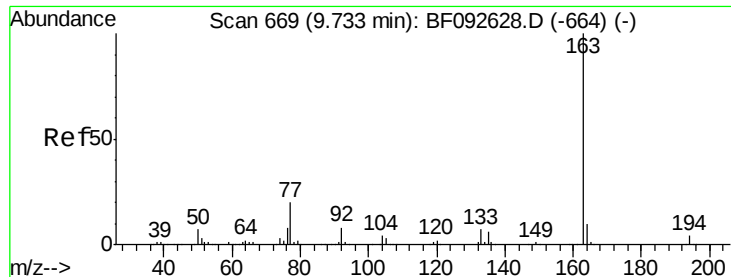
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#48
Acenaphthylene
Concen: 46.69 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.0	11.4	17.2





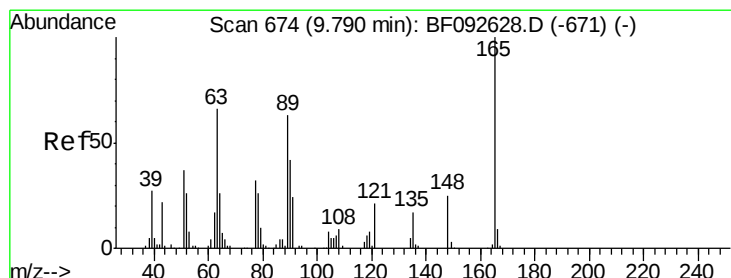
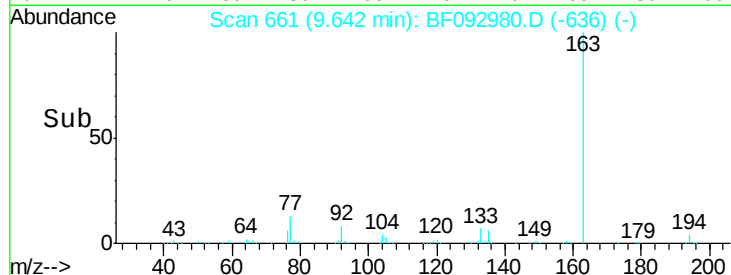
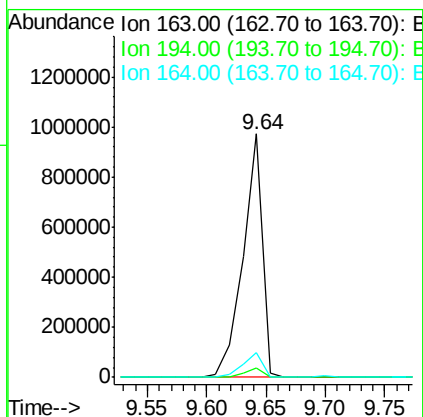
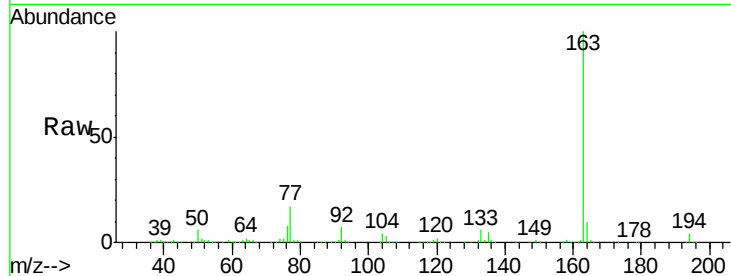
#49
Dimethylphthalate
Concen: 53.60 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion:163 Resp: 1108681
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.0 12.0

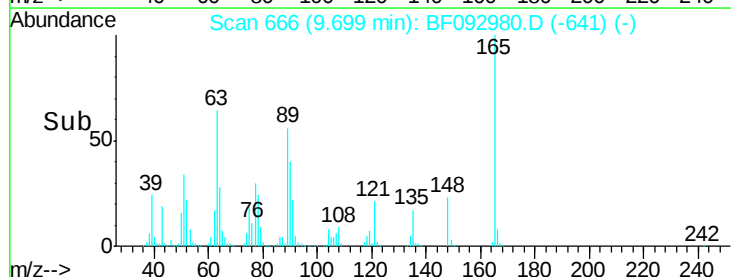
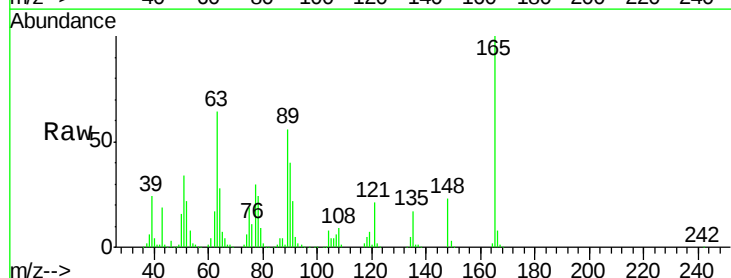
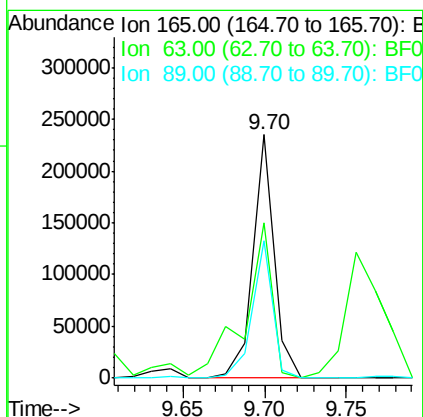
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#50
2,6-Dinitrotoluene
Concen: 47.61 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:165 Resp: 212701
Ion Ratio Lower Upper
165 100
63 63.7 36.2 54.4#
89 56.4 40.2 60.4





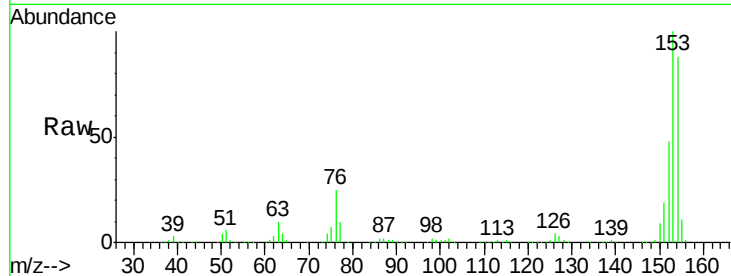
#51
Acenaphthene
Concen: 48.32 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

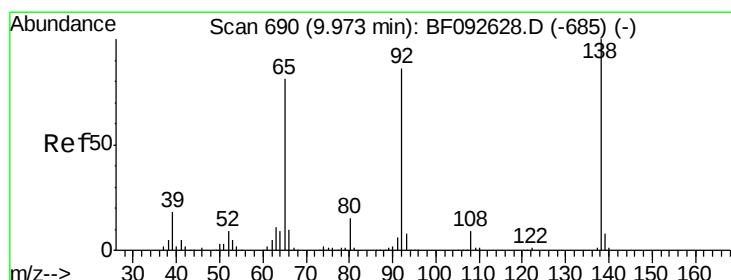
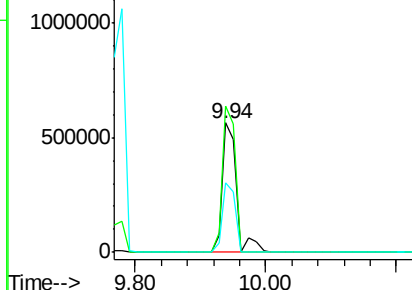
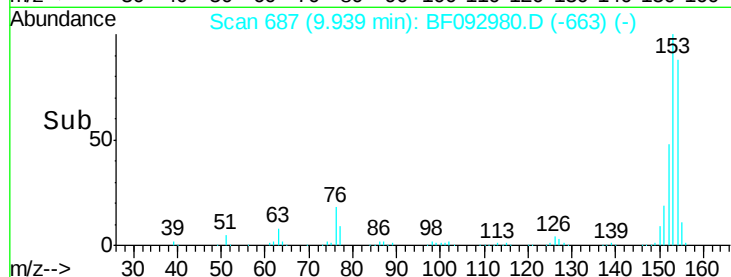
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	868212		
153	113.1	88.6	133.0	
152	54.0	41.6	62.4	

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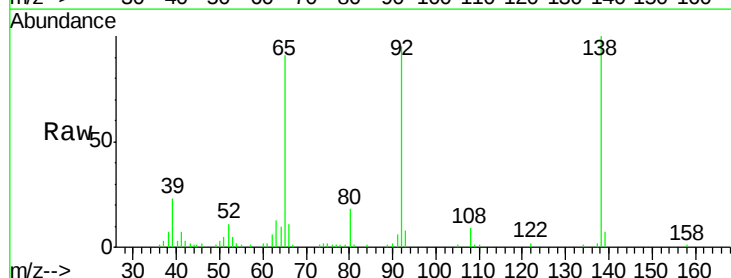


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

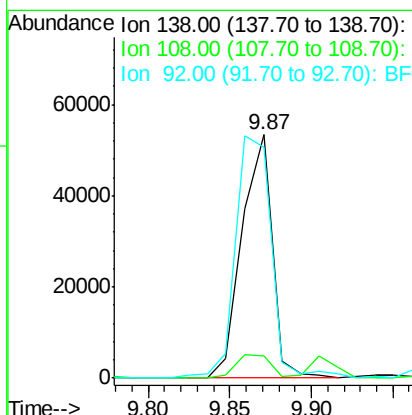
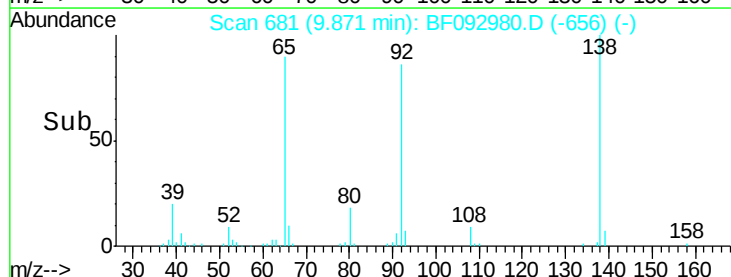


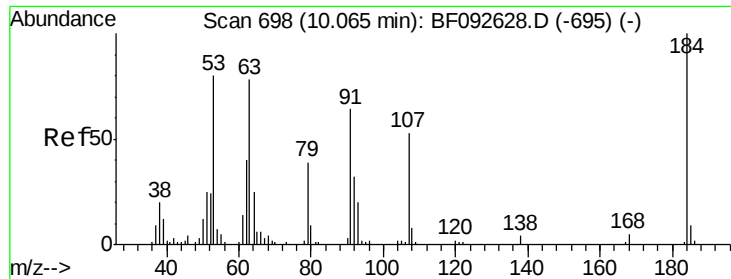
#52
3-Nitroaniline
Concen: 13.40 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	68526		
108	9.2	8.5	12.7	
92	94.8	97.8	146.8#	



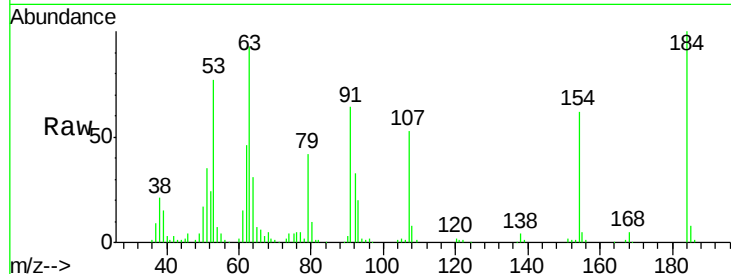
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 70.28 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

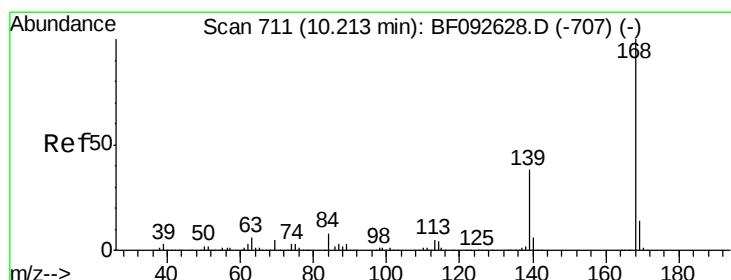
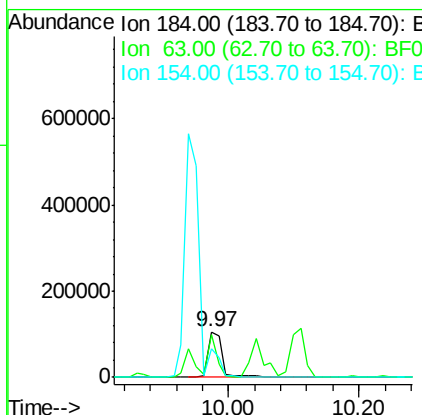
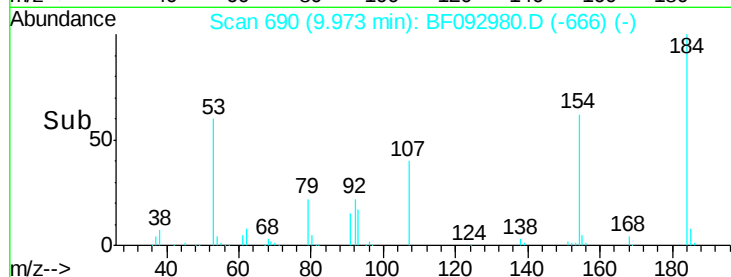
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:184 Resp: 158312
Ion Ratio Lower Upper
184 100
63 93.2 28.4 42.6#
154 62.1 44.3 66.5

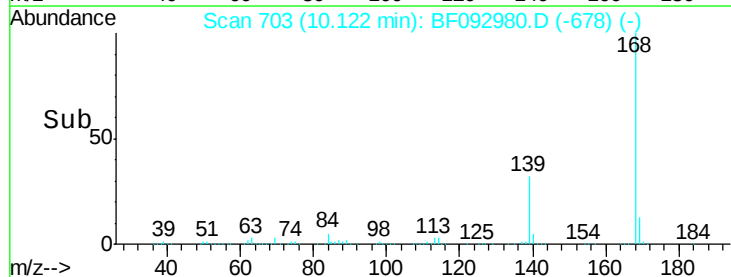
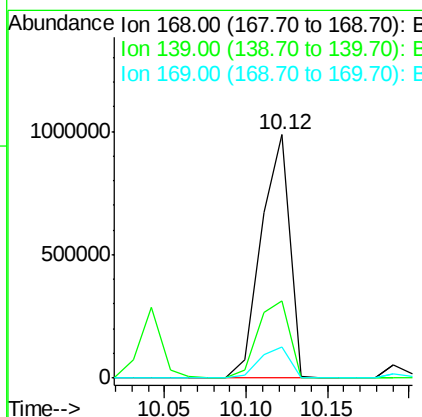
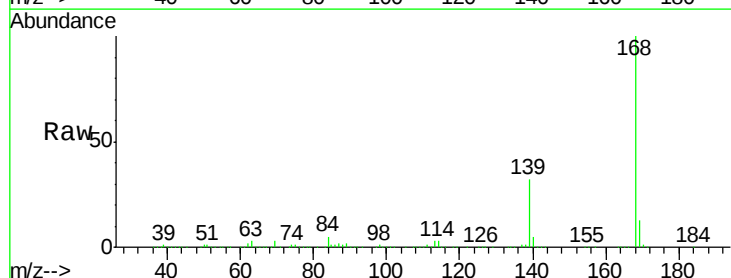
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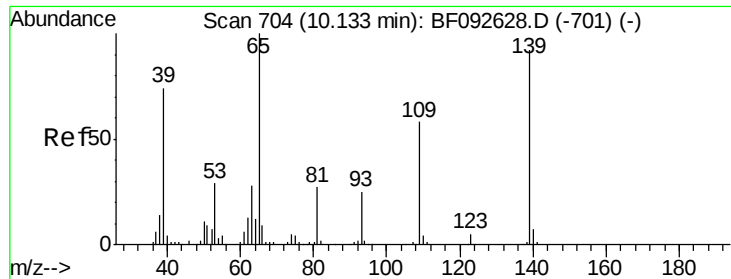
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#54
Dibenzofuran
Concen: 49.69 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:168 Resp: 1194046
Ion Ratio Lower Upper
168 100
139 31.9 32.6 49.0#
169 13.0 11.3 16.9





#55

4-Nitrophenol

Concen: 77.05 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

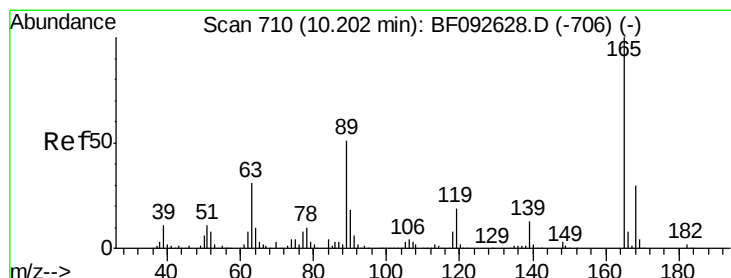
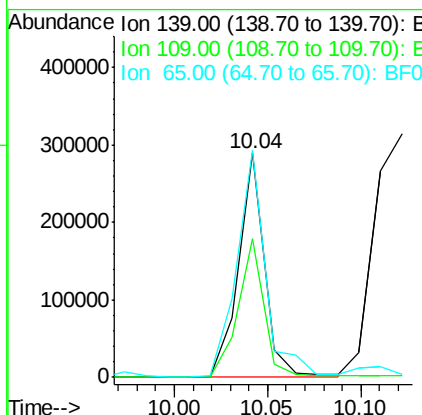
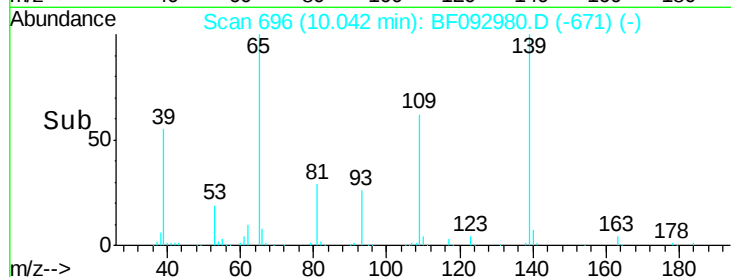
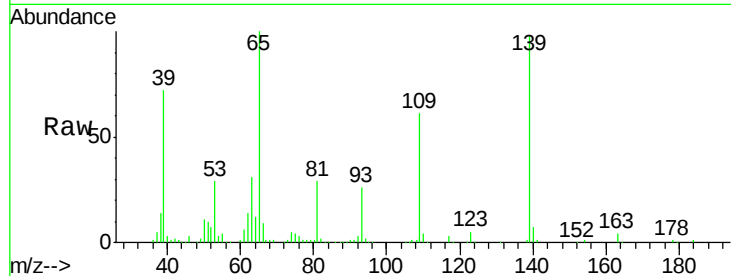
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	139	Resp:	283689
Ion Ratio	Lower	Upper	
139	100		
109	62.0	52.2	92.2
65	101.5	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 52.32 ng

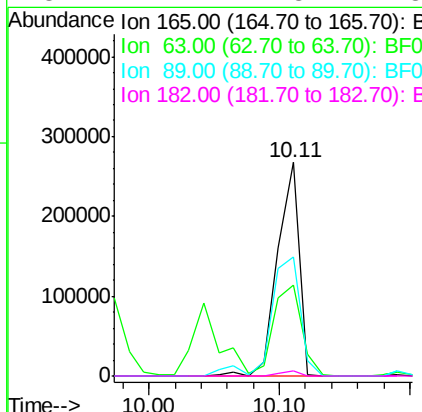
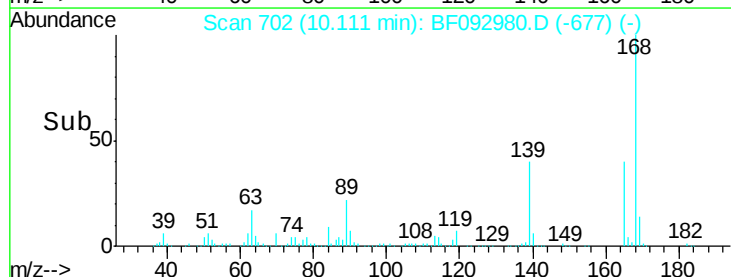
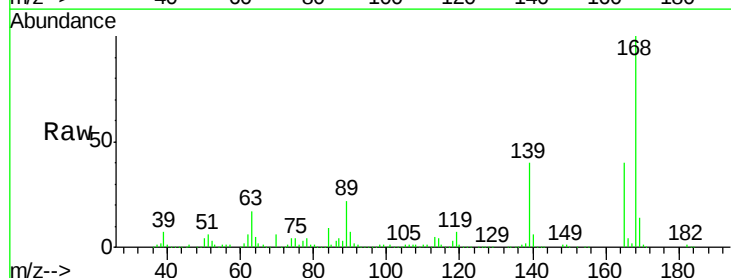
RT: 10.11 min Scan# 702

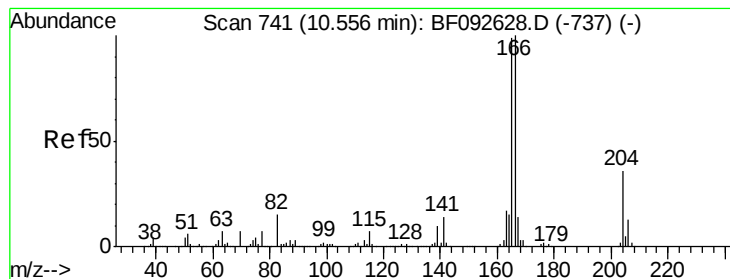
Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	165	Resp:	311163
Ion Ratio	Lower	Upper	
165	100		
63	42.7	40.2	60.4
89	55.8	62.5	93.7#
182	2.7	1.8	2.8





#57

Fluorene

Concen: 47.16 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

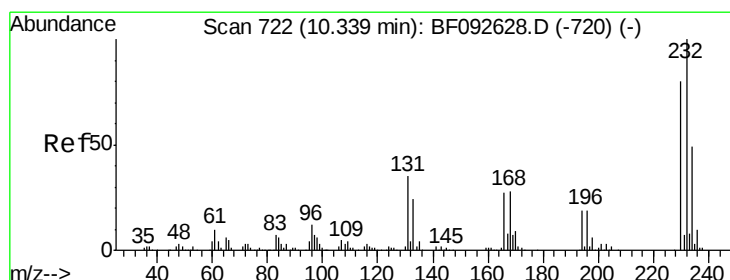
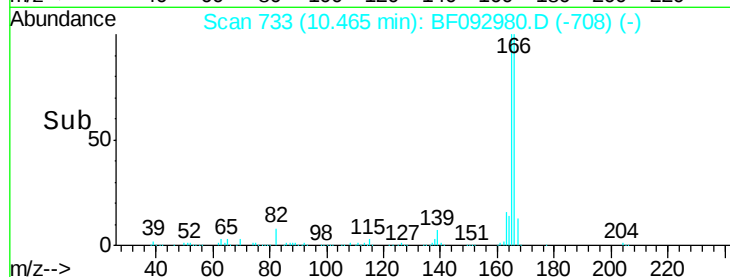
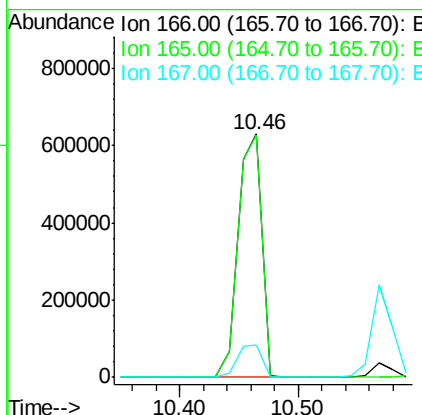
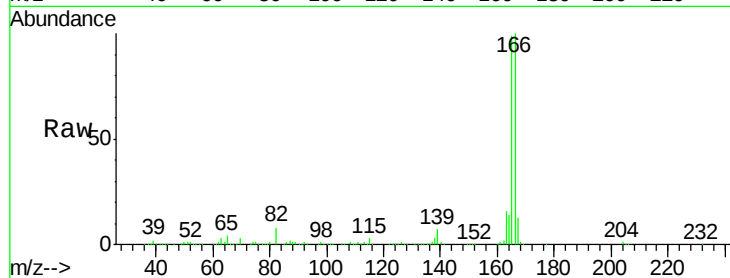
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	166	Resp:	871901
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.96 ng

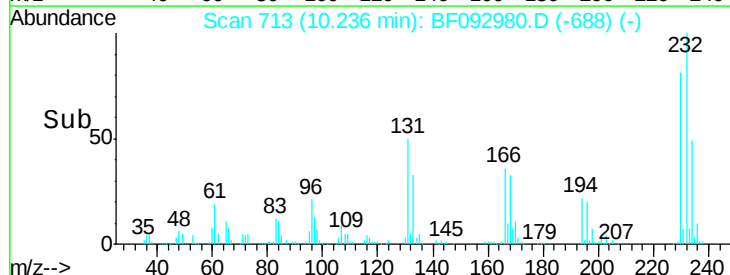
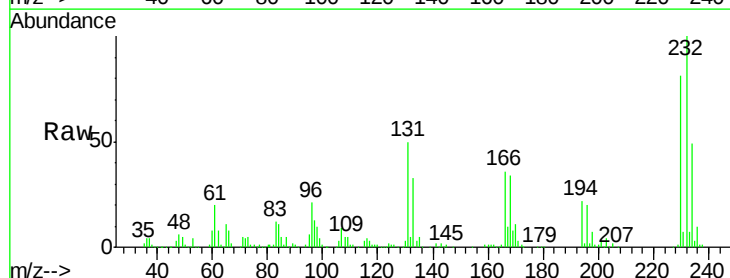
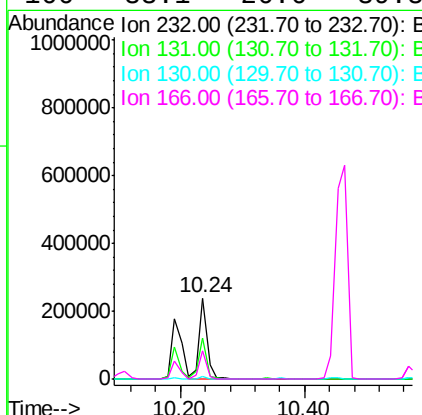
RT: 10.24 min Scan# 713

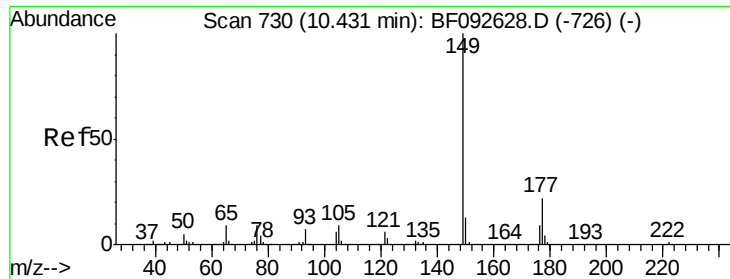
Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	232	Resp:	223393
Ion Ratio	Lower	Upper	
232	100		
131	48.4	40.1	60.1
130	2.4	1.8	2.8
166	33.1	26.6	39.8





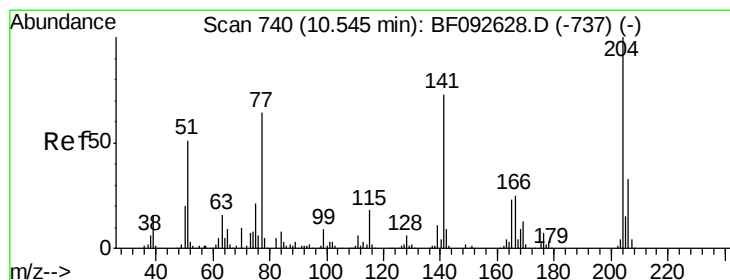
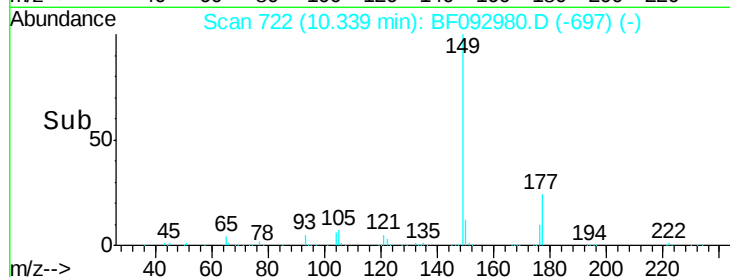
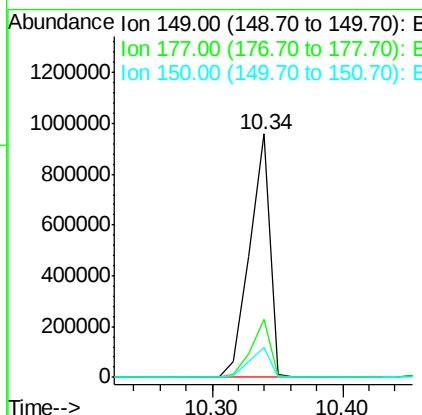
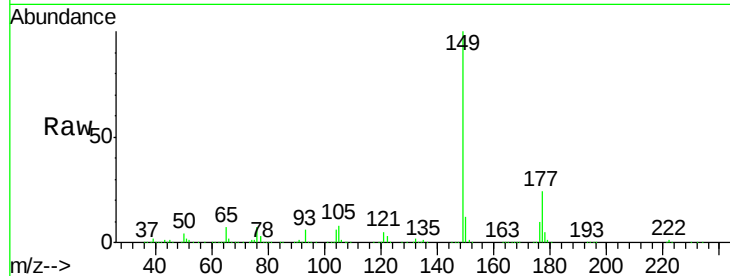
#59
Diethylphthalate
Concen: 53.24 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion:149 Resp: 1037818
Ion Ratio Lower Upper
149 100
177 23.9 16.6 25.0
150 12.4 10.4 15.6

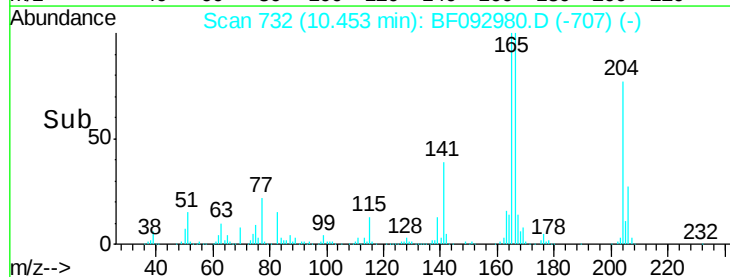
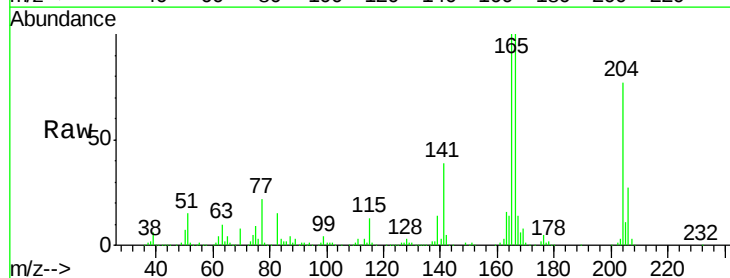
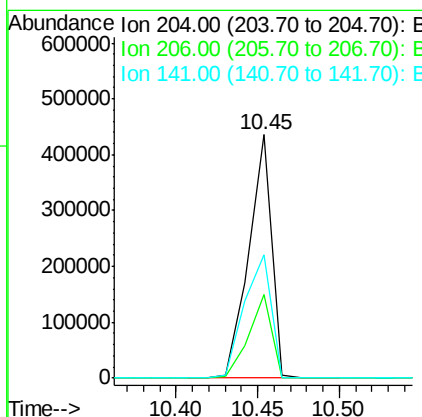
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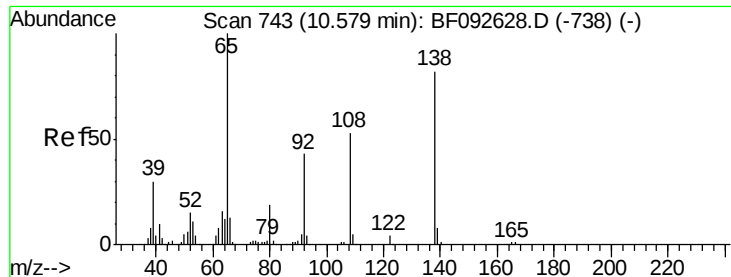
mohammad
2/16/2017 11:39:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.71 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:204 Resp: 423778
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 50.4 59.4 89.0#





#61

4-Nitroaniline

Concen: 44.43 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

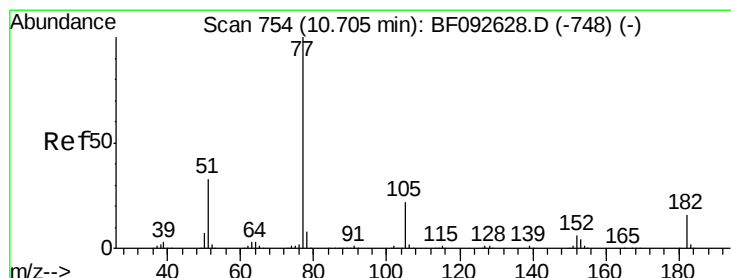
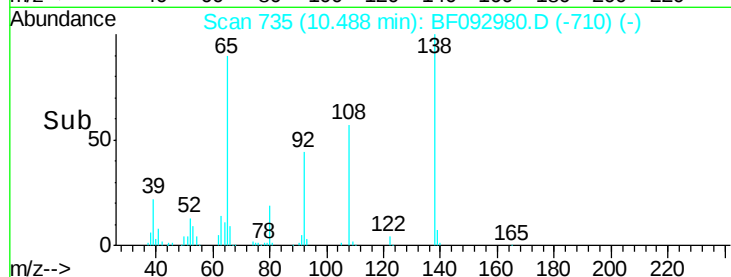
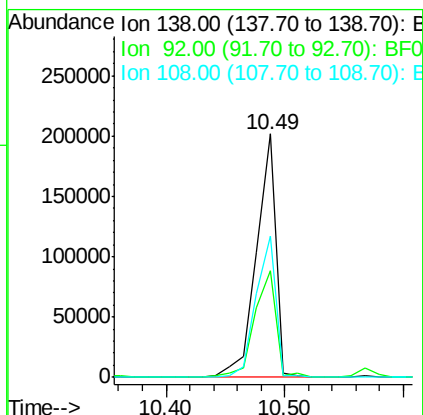
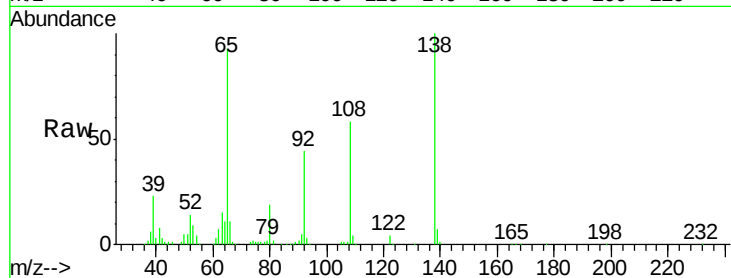
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	138	Resp:	232650
Ion Ratio	Lower	Upper	
138	100		
92	44.0	31.7	71.7
108	57.8	52.6	92.6

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#62

Azobenzene

Concen: 50.31 ng m

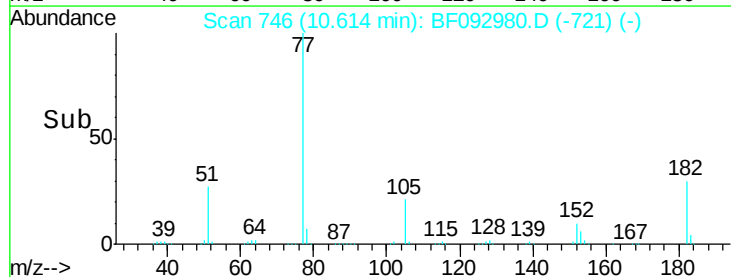
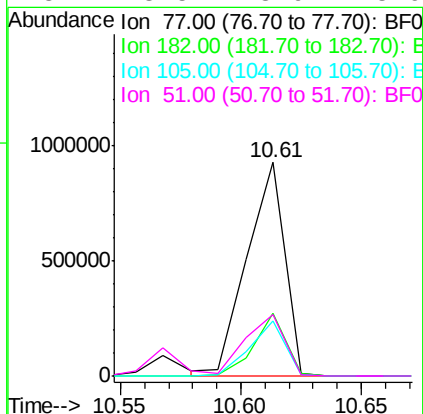
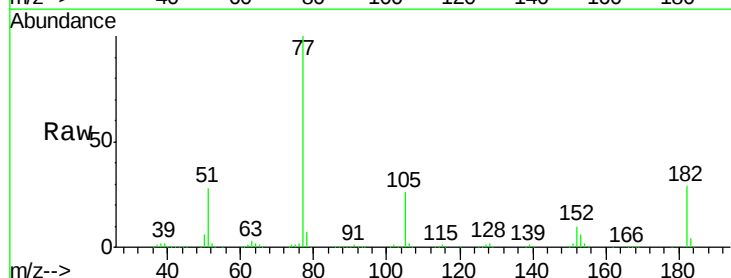
RT: 10.61 min Scan# 746

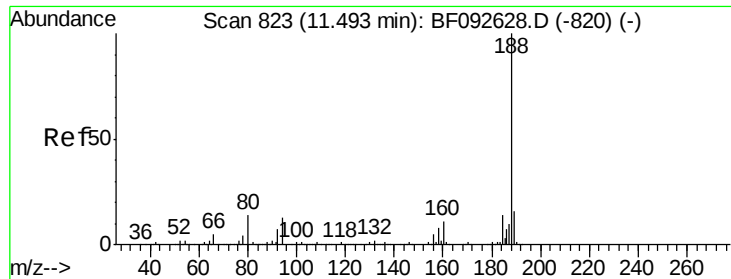
Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	77	Resp:	1013301
Ion Ratio	Lower	Upper	
77	100		
182	29.3	0.0	39.3
105	25.6	2.3	42.3
51	28.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

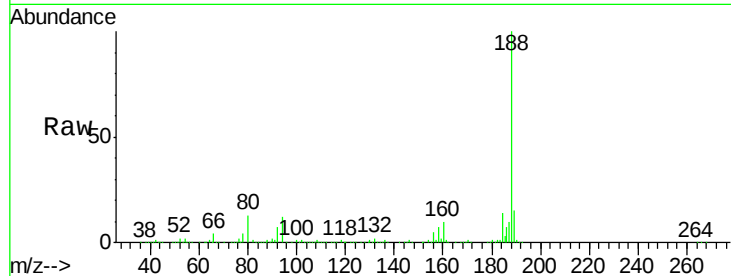
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	188	Resp:	470862
Ion Ratio	Lower	Upper	
188	100		
94	12.1	10.0	15.0
80	13.3	11.2	16.8

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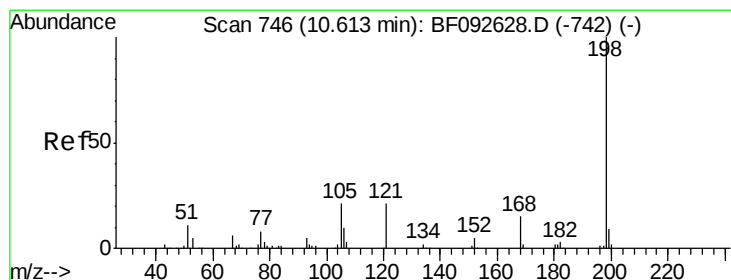
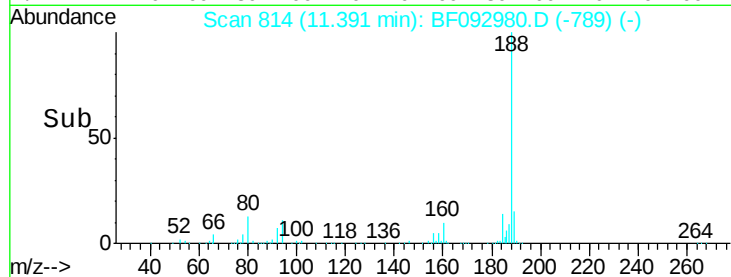
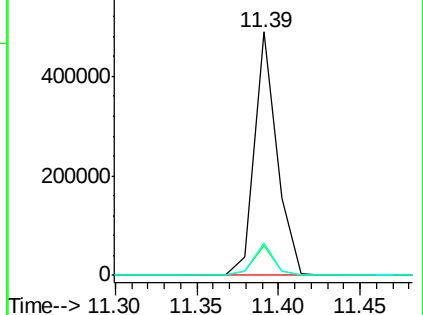
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.58 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092980.D

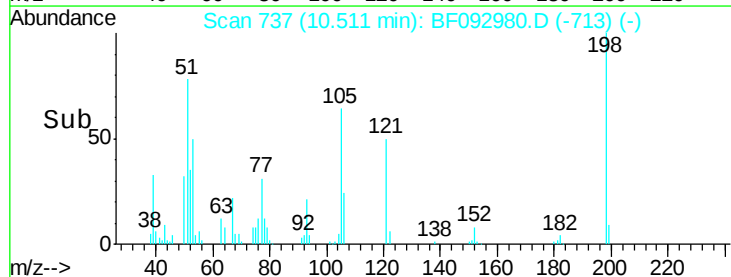
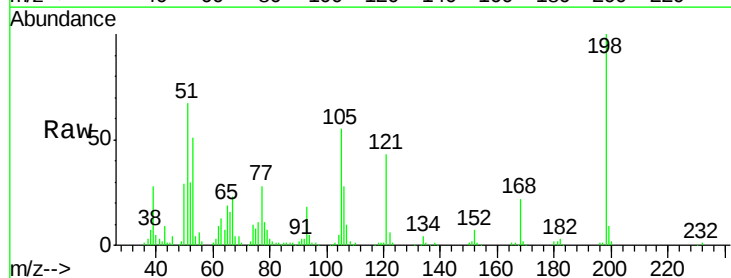
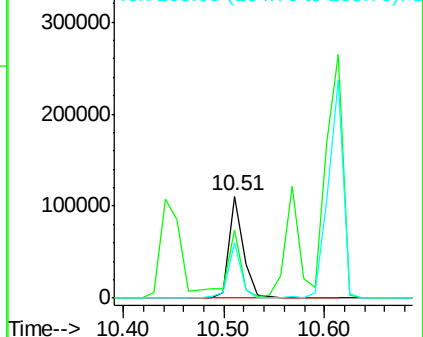
Acq: 16 Feb 2017 6:54

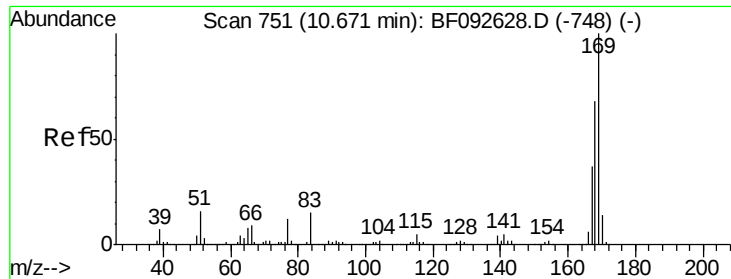
Tgt Ion:	198	Resp:	108975
Ion Ratio	Lower	Upper	
198	100		
51	67.0	6.7	46.7#
105	54.9	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.14 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

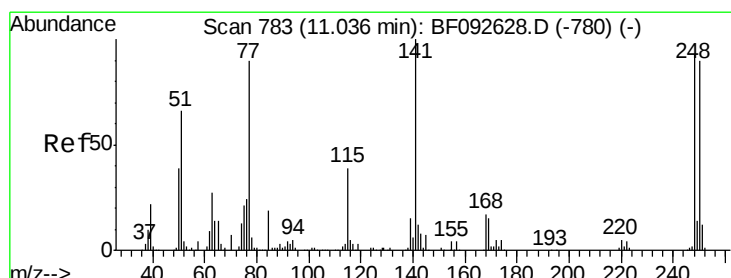
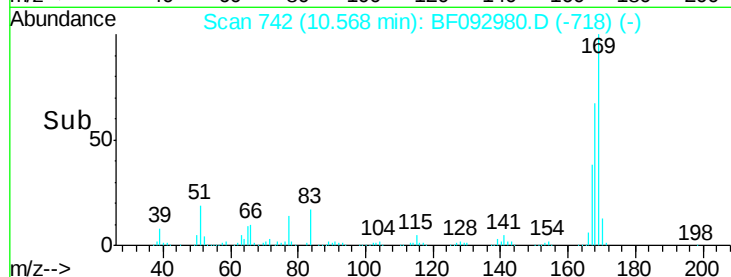
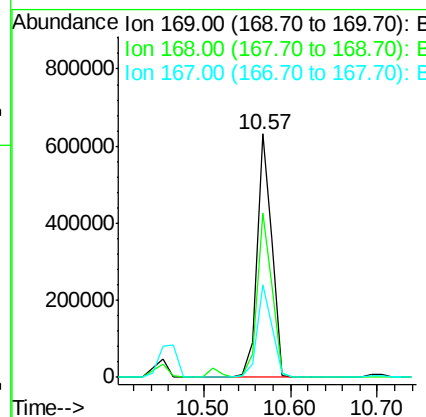
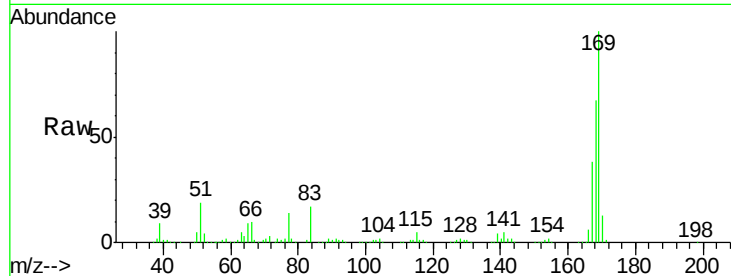
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	169	Resp:	754180
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.2
167	37.8	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 51.15 ng

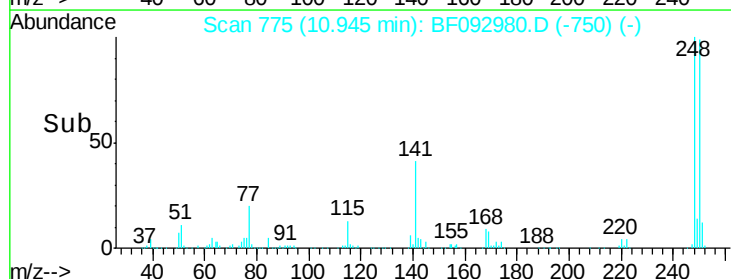
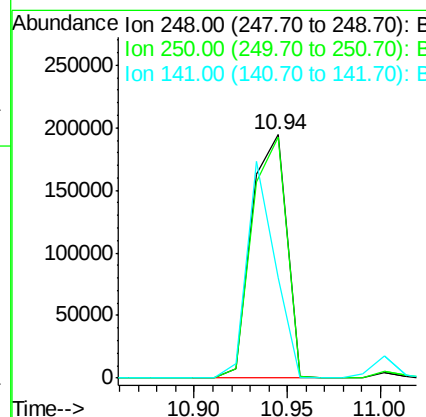
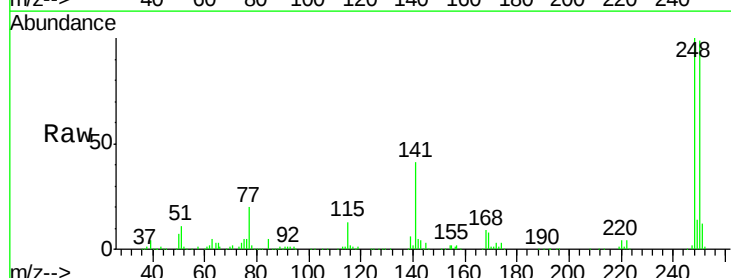
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	248	Resp:	251607
Ion Ratio	Lower	Upper	
248	100		
250	99.1	76.9	115.3
141	41.4	68.2	102.4#





#67

Hexachlorobenzene

Concen: 46.66 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

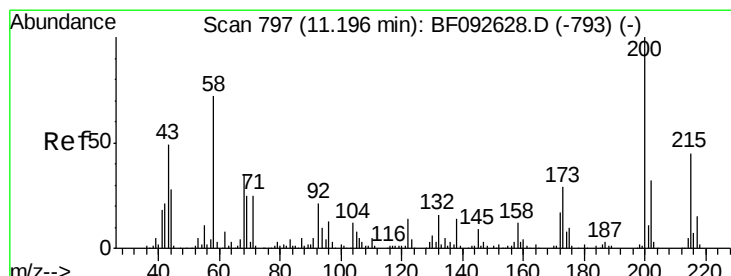
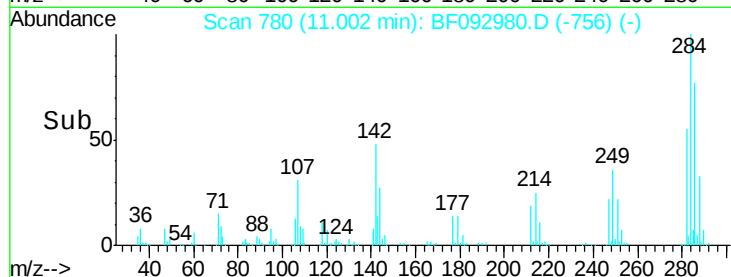
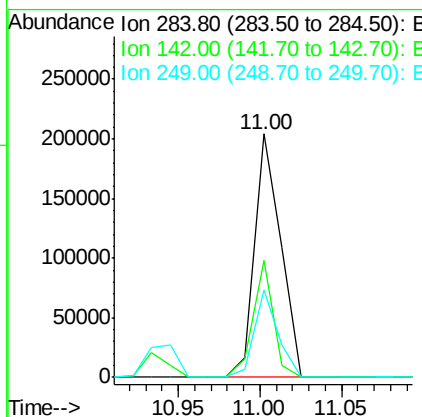
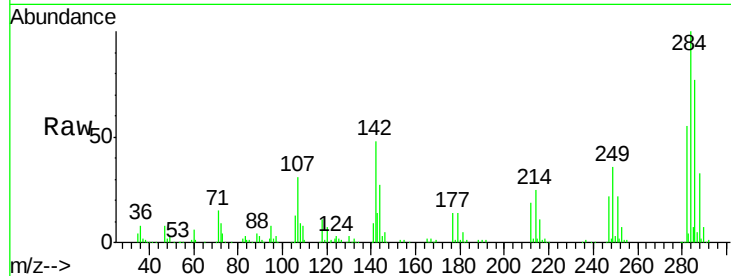
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	226837		
142	48.0	22.6	33.8#	
249	35.9	25.4	38.0	

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#68

Atrazine

Concen: 45.23 ng

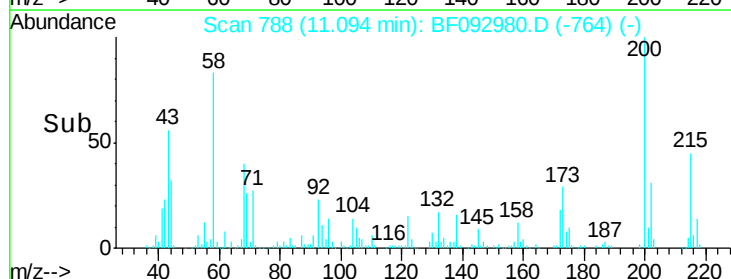
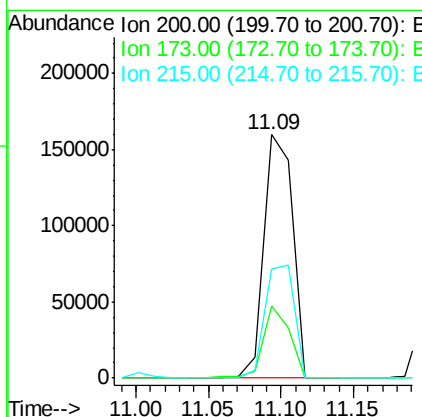
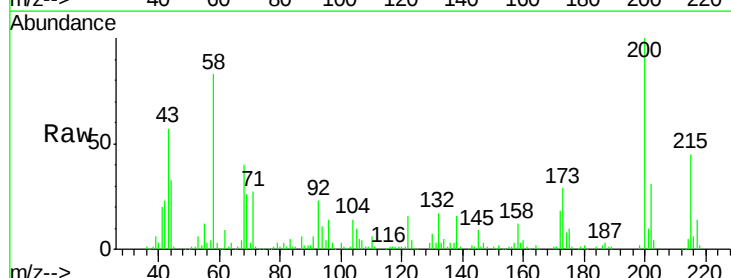
RT: 11.09 min Scan# 788

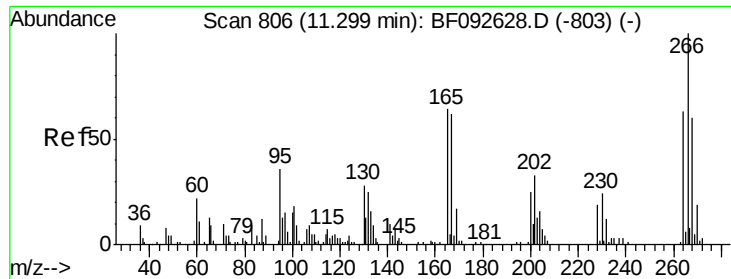
Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218310		
173	29.5	9.6	49.6	
215	45.1	25.7	65.7	





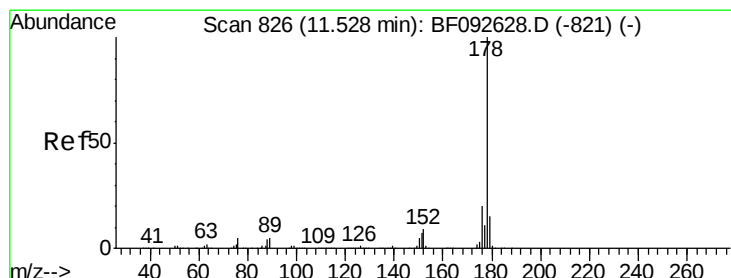
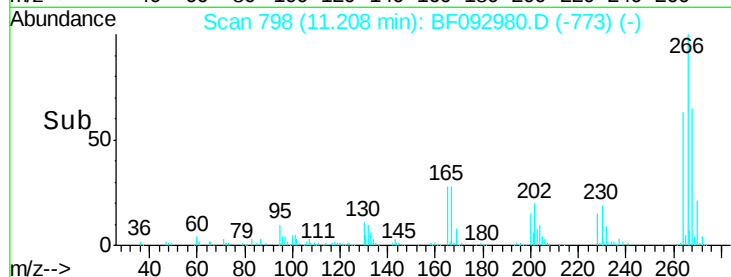
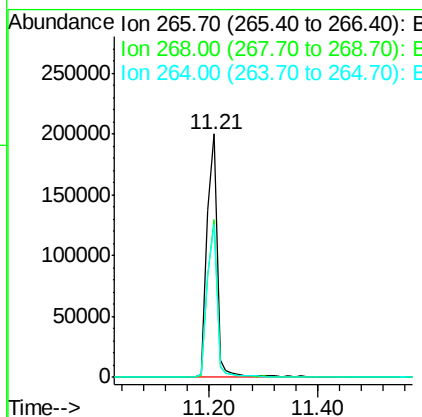
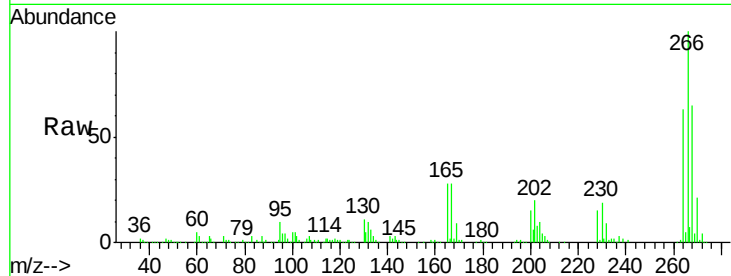
#69
 Pentachlorophenol
 Concen: 101.87 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	261087		
268	64.6	53.3	79.9	
264	62.6	50.3	75.5	

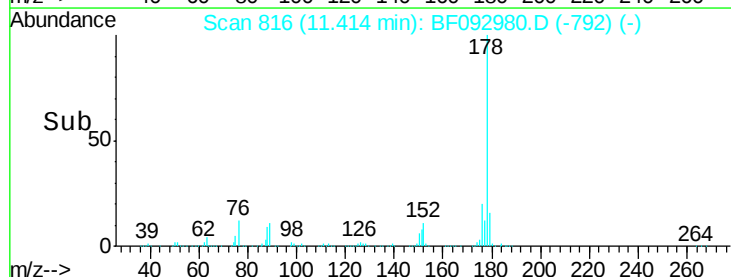
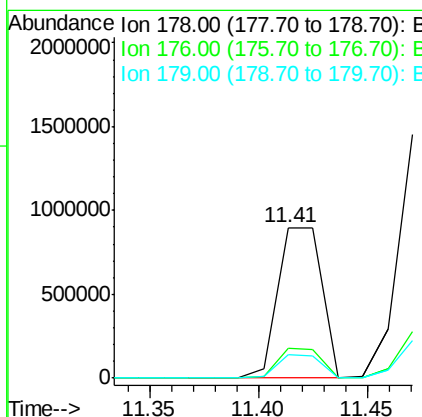
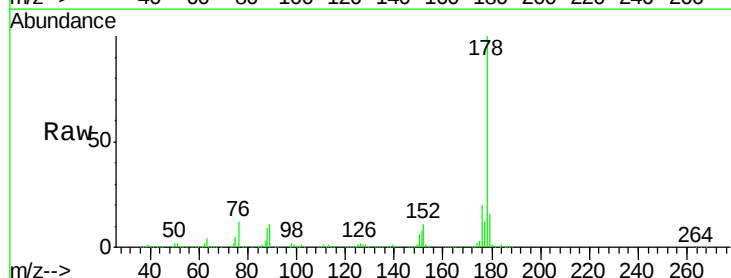
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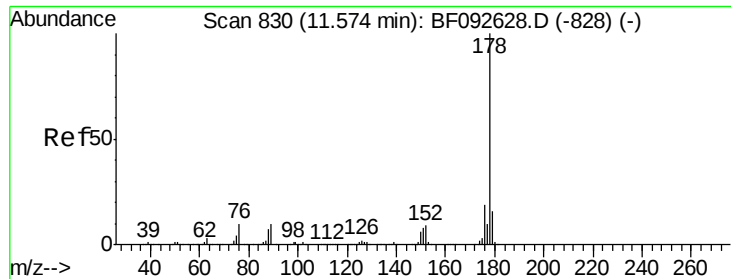
mohammad
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#70
 Phenanthrene
 Concen: 47.12 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

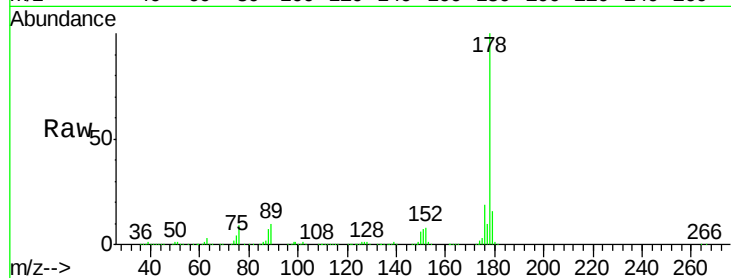
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1271215		
176	19.8	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 47.14 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

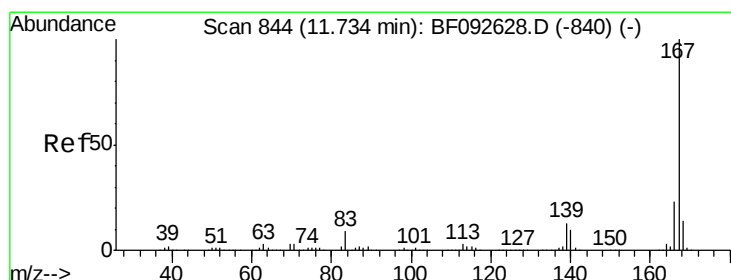
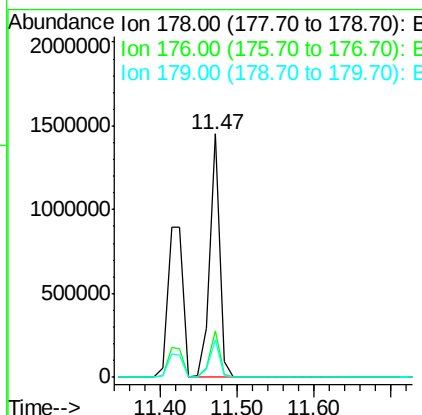
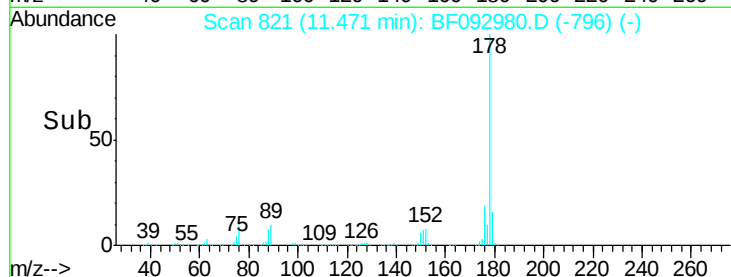
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD



Tgt Ion:178 Resp: 1277157
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.6 13.2 19.8

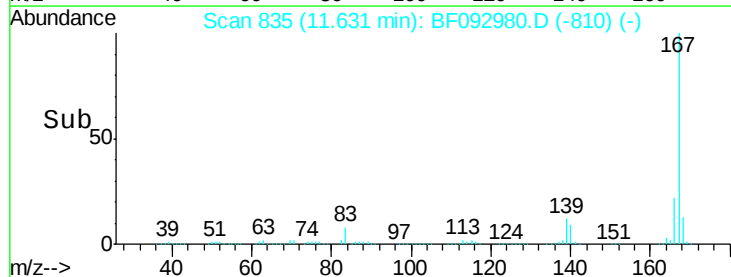
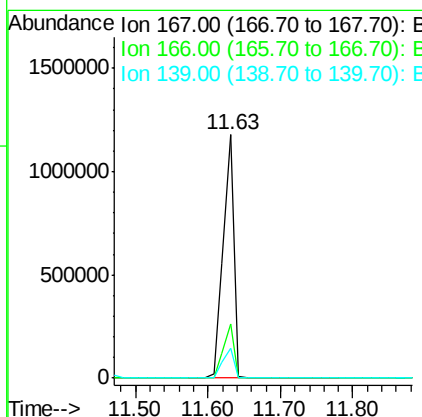
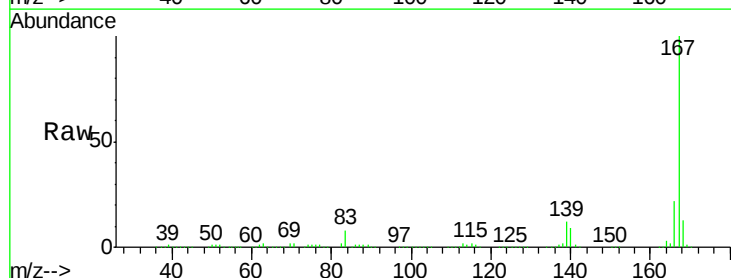
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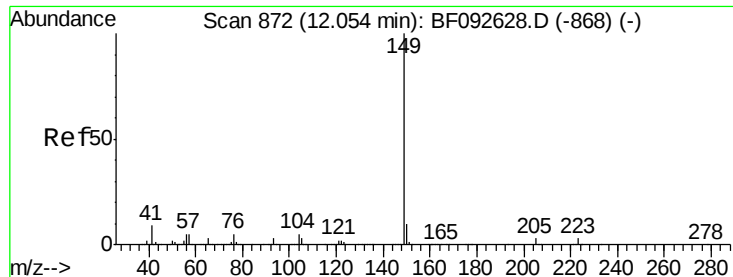
mohammad
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#72
 Carbazole
 Concen: 47.06 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:167 Resp: 1218634
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 12.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 51.38 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:149 Resp: 1438978

Ion Ratio Lower Upper

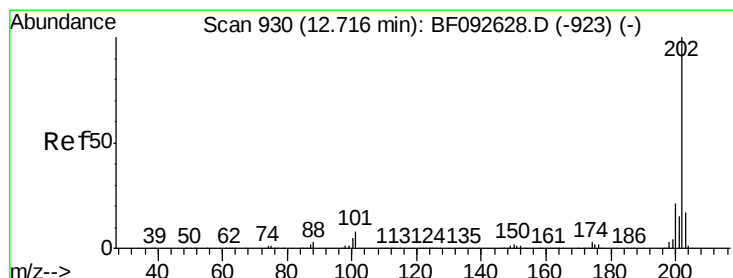
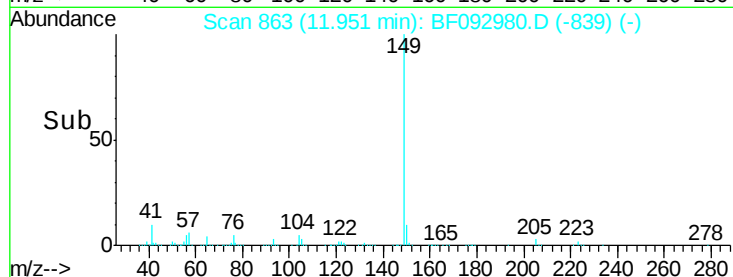
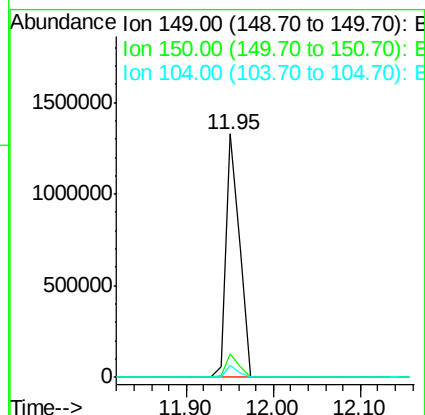
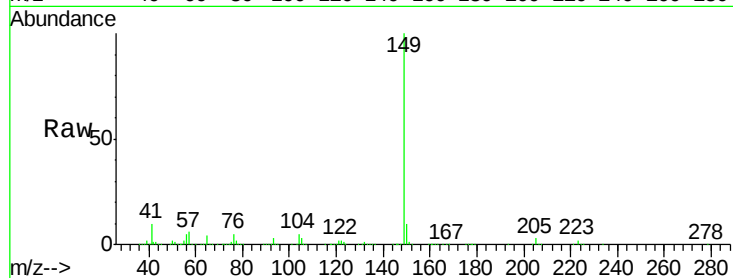
149 100

150 9.7 8.1 12.1

104 4.8 4.6 7.0

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#74

Fluoranthene

Concen: 38.55 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

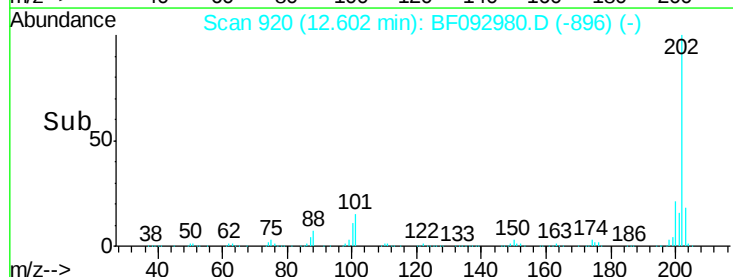
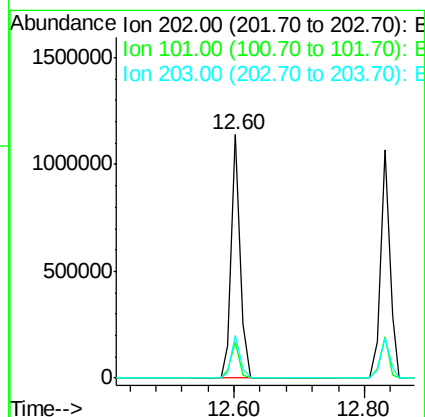
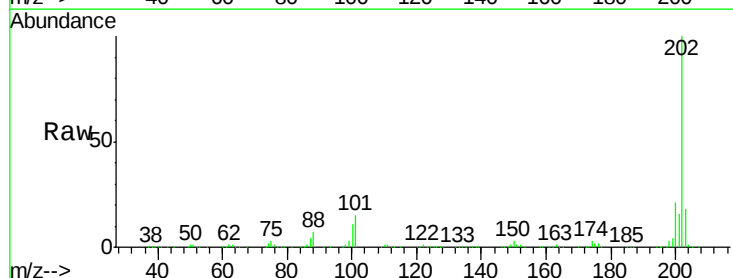
Tgt Ion:202 Resp: 1072787

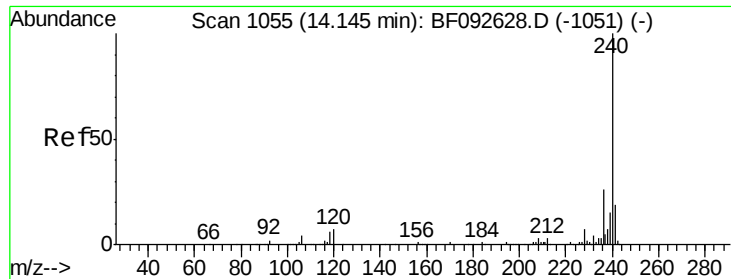
Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

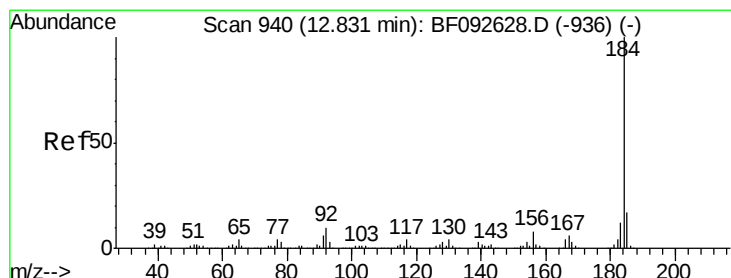
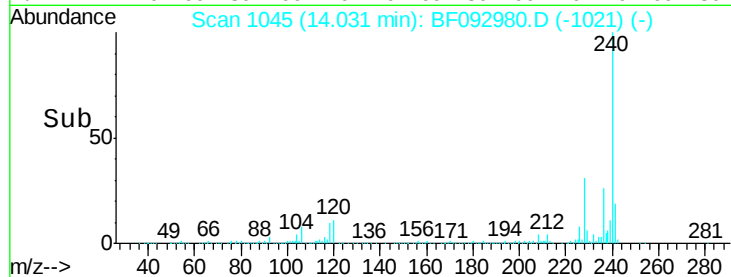
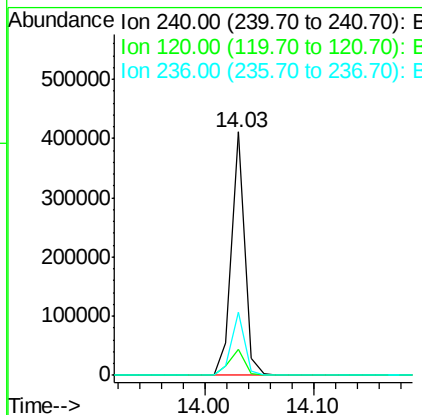
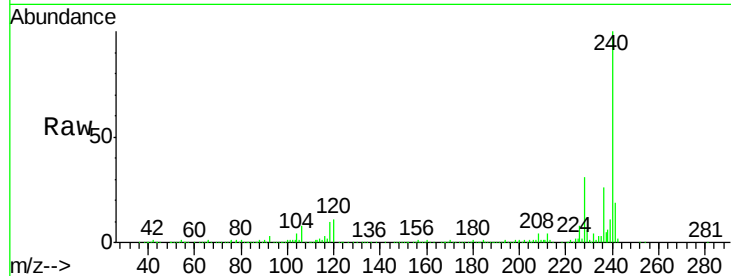
ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.9	19.3#
236	25.9	20.9	31.3

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#76

Benzidine

Concen: 2.49 ng

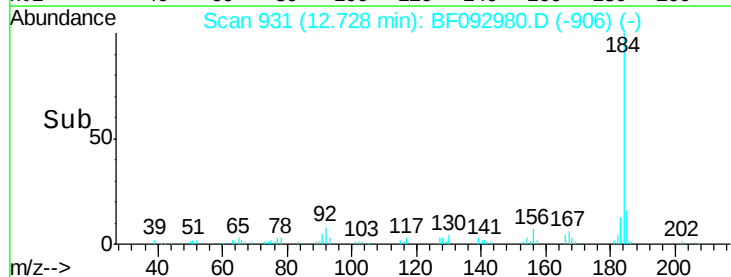
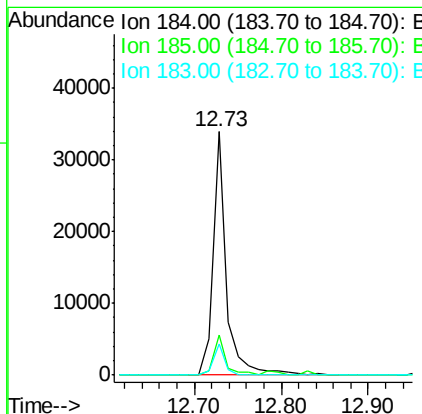
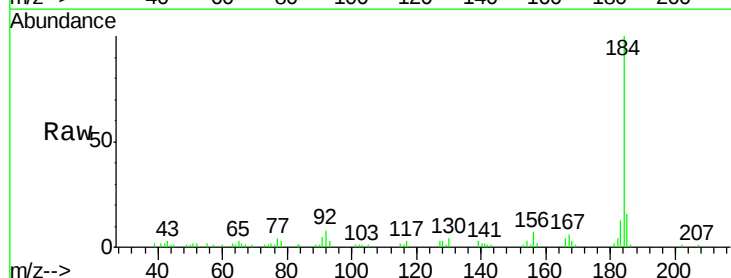
RT: 12.73 min Scan# 931

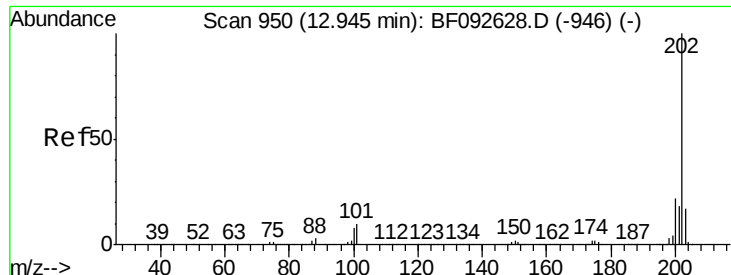
Delta R.T. -0.01 min

Lab File: BF092980.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.4	20.0
183	12.7	9.2	13.8





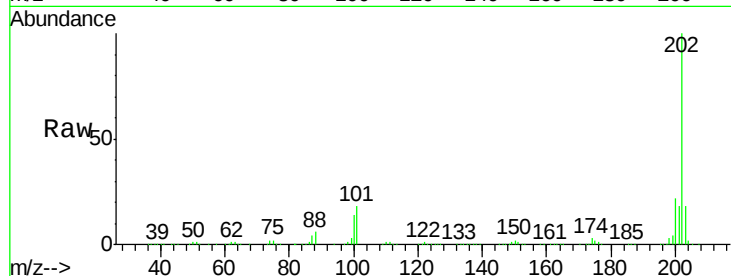
#77
 Pyrene
 Concen: 41.36 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

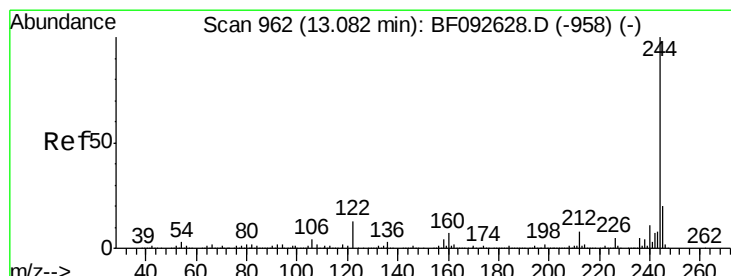
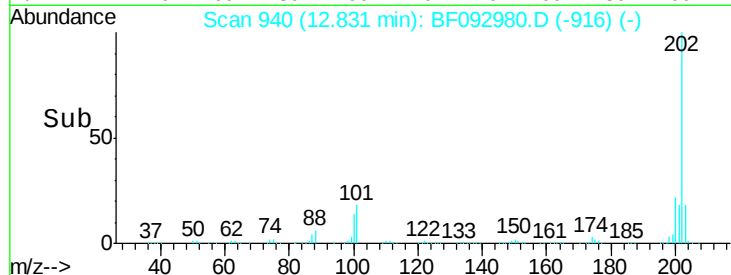
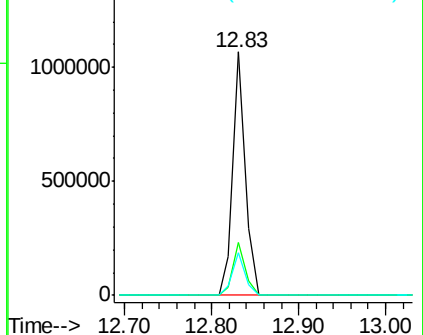
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.7	14.7	22.1

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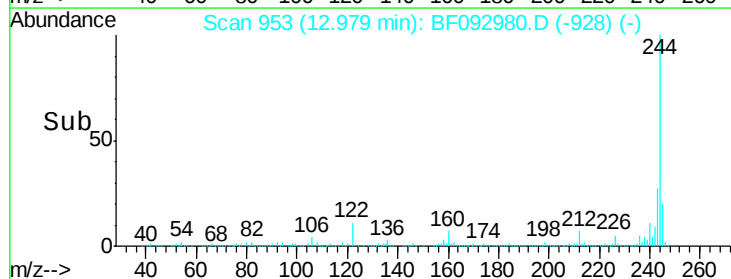
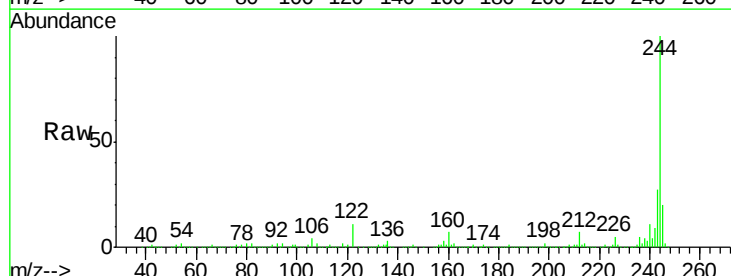
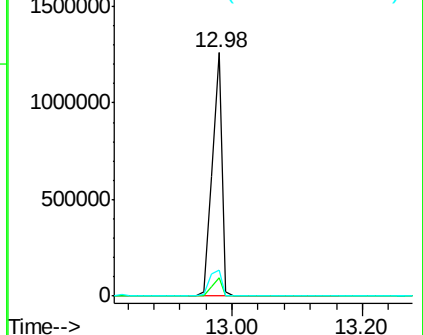
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

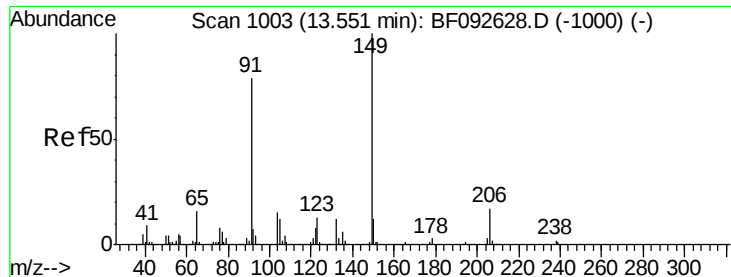


#78
 Terphenyl-d14
 Concen: 91.14 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.6	11.4	17.2#

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





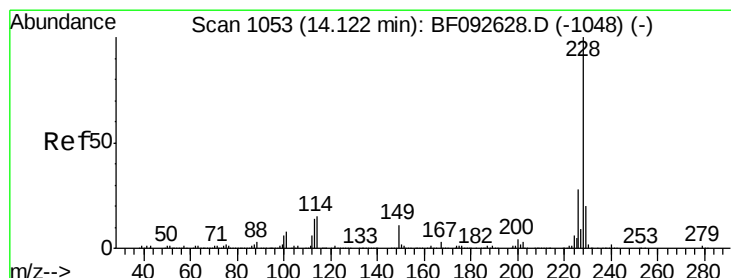
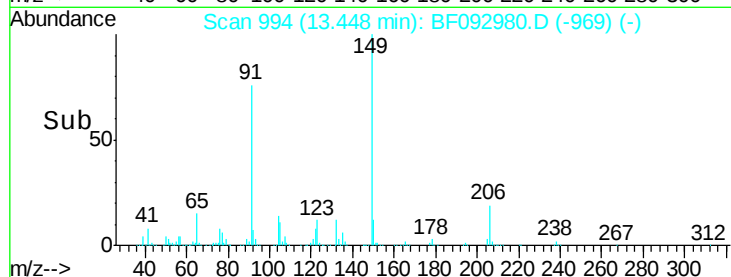
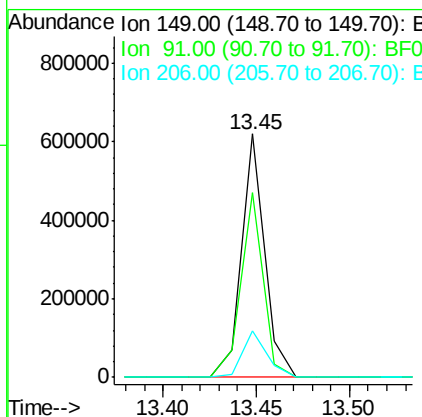
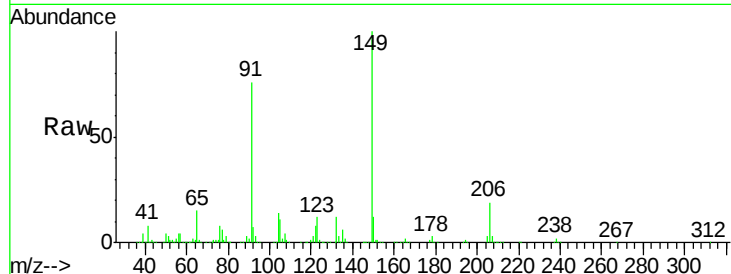
#79
Butylbenzylphthalate
Concen: 51.60 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.0	63.9	95.9
206	19.0	14.6	21.8

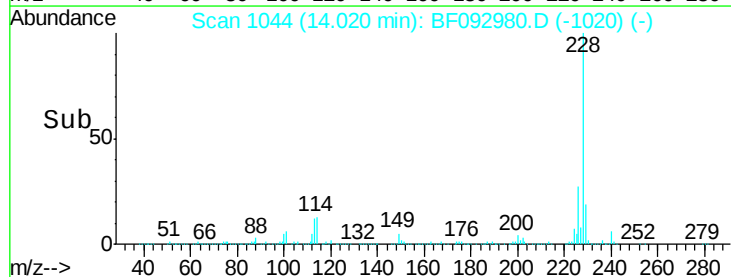
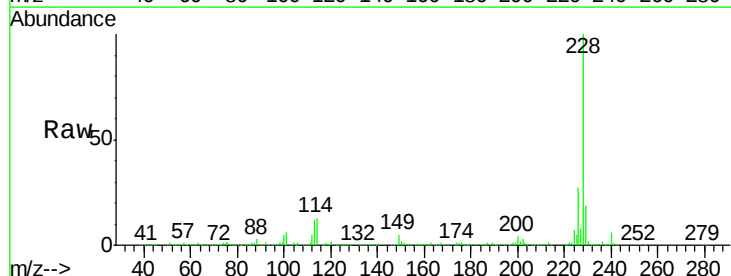
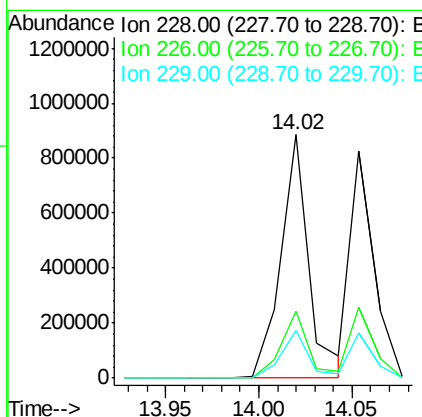
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#80
Benzo(a)anthracene
Concen: 44.08 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.4	33.6
229	19.4	16.2	24.4





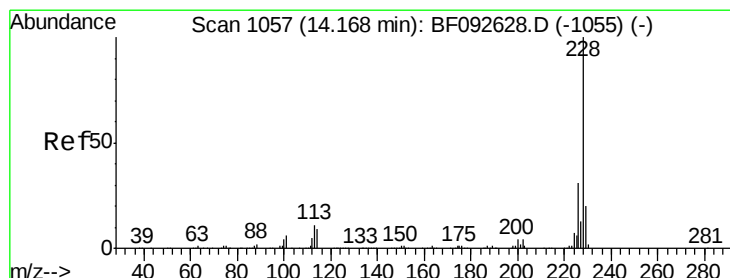
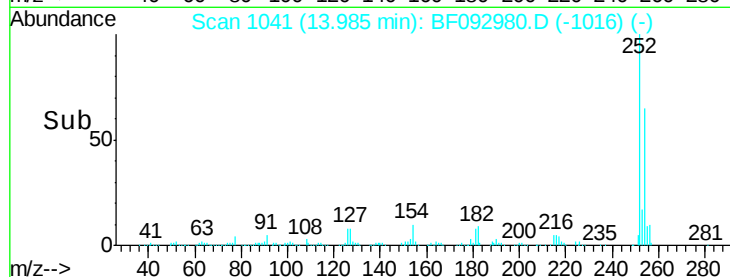
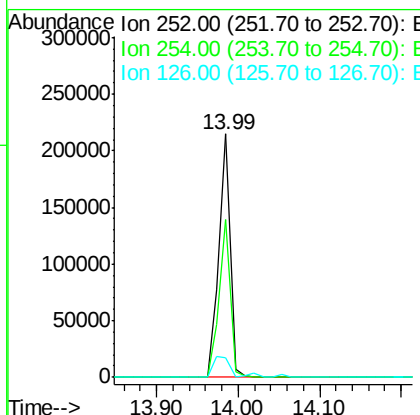
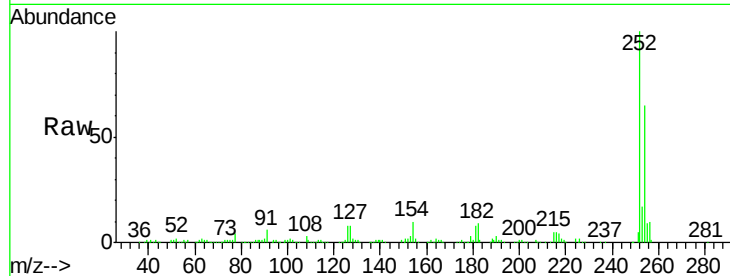
#81
 3,3'-Dichlorobenzidine
 Concen: 28.03 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	52.3	78.5
126	8.3	13.6	20.4

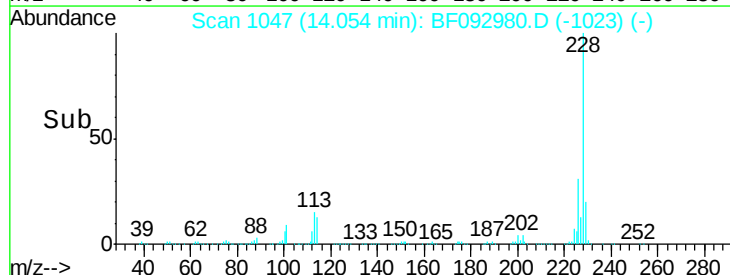
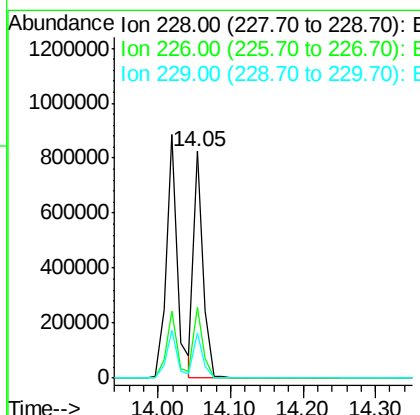
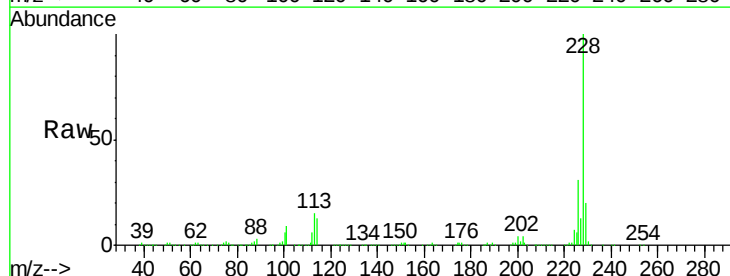
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#82
 Chrysene
 Concen: 38.11 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.4	38.0
229	19.8	16.2	24.2





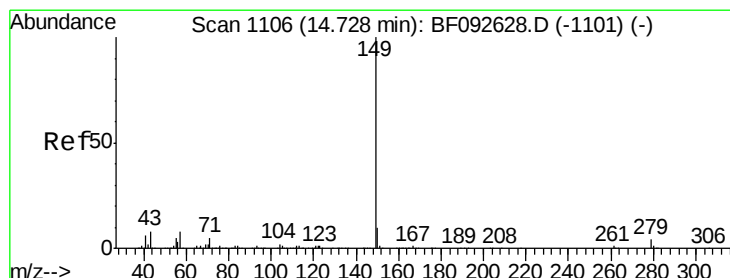
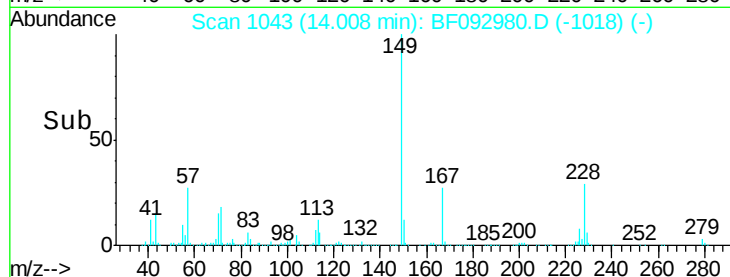
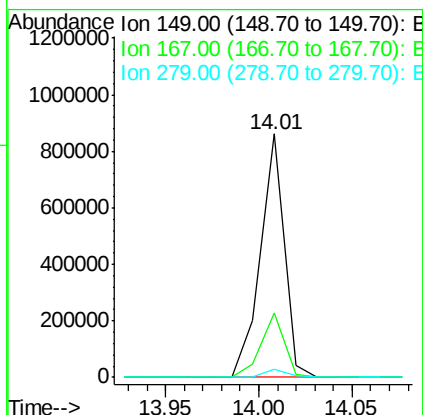
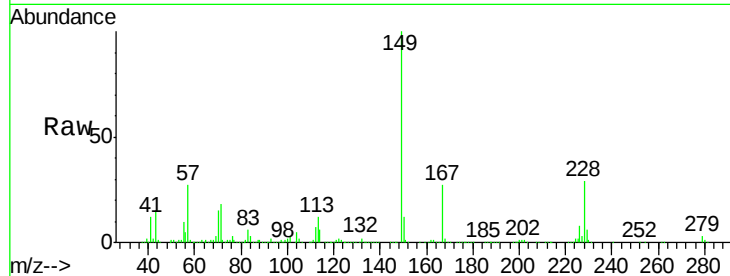
#83
Bis(2-ethylhexyl)phthalate
Concen: 53.44 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.2	1.8	2.8

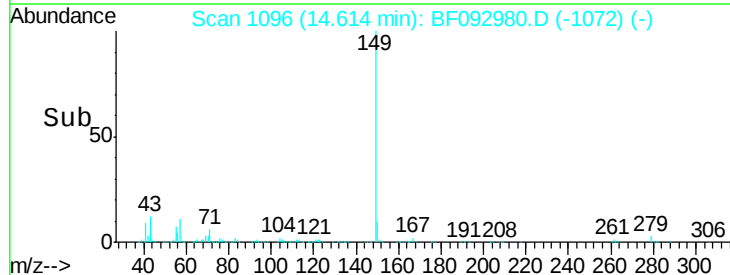
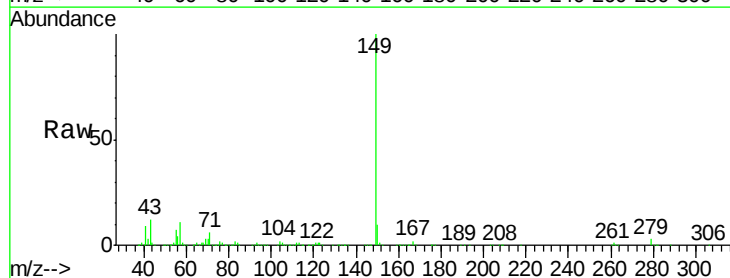
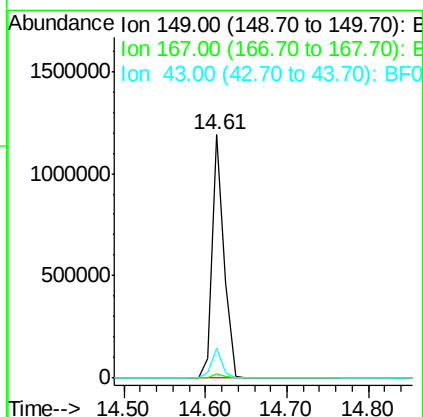
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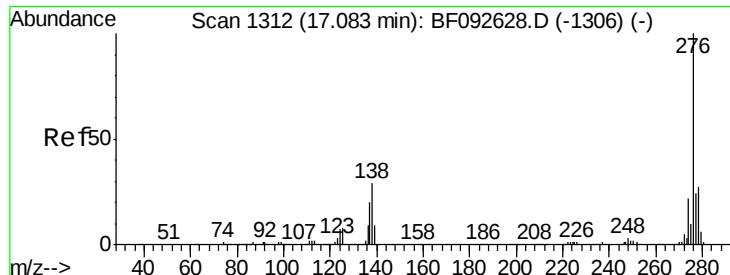
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#84
Di-n-octyl phthalate
Concen: 52.47 ng
RT: 14.61 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3





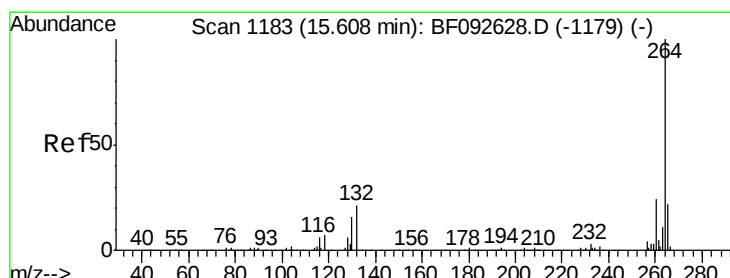
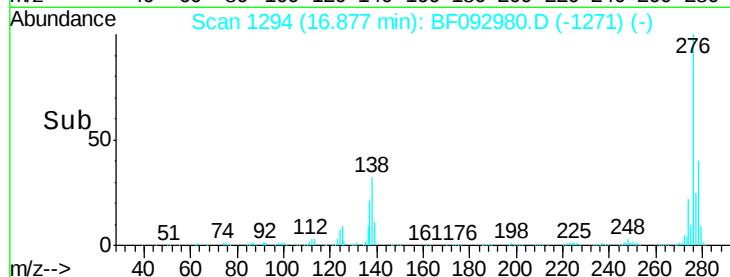
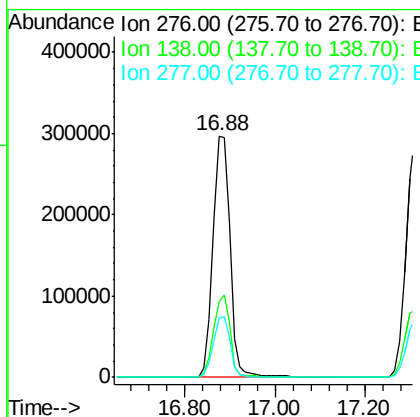
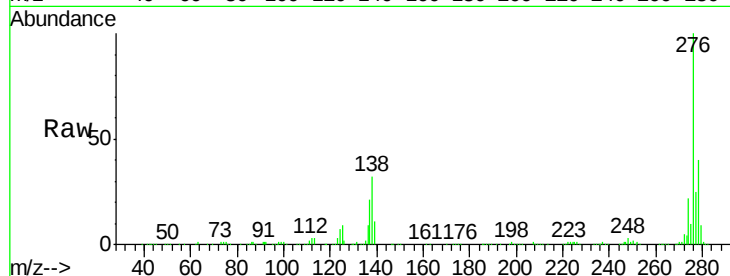
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.43 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	796308		
138	33.0	21.8	32.6#	
277	24.8	20.2	30.4	

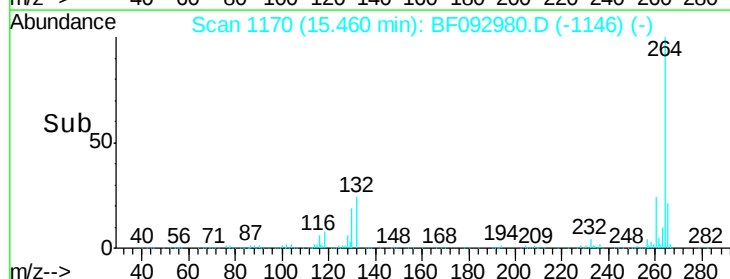
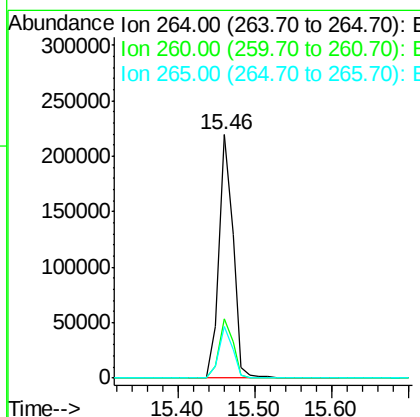
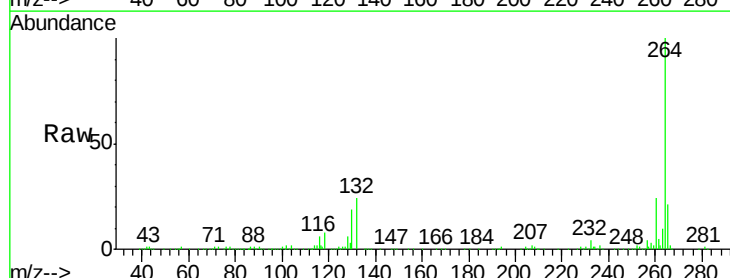
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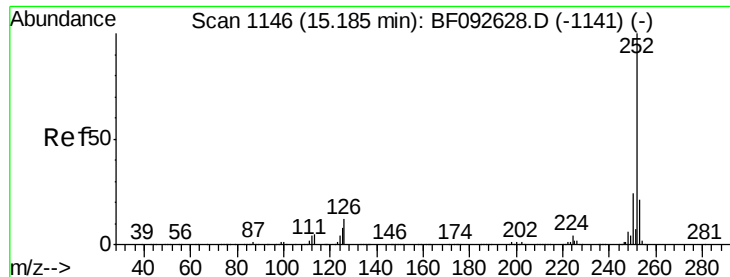
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	283933		
260	24.4	19.2	28.8	
265	21.2	17.4	26.0	





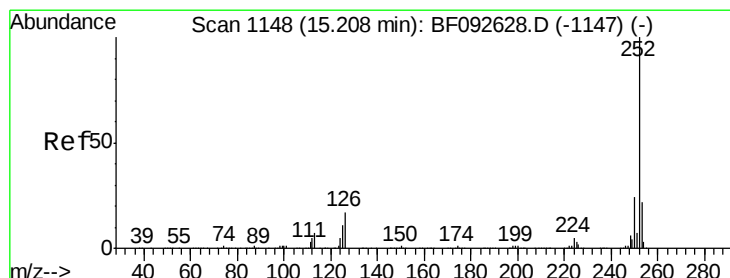
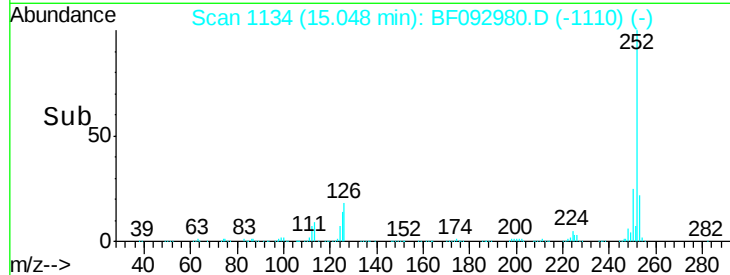
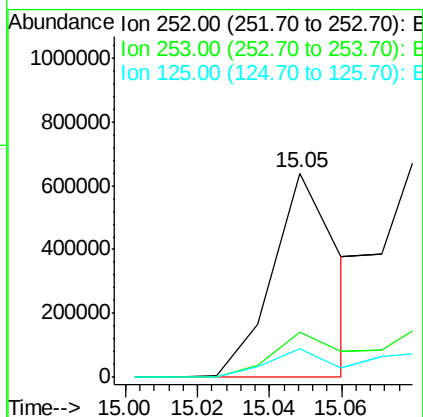
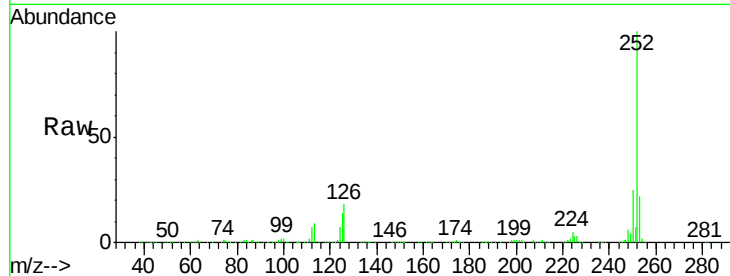
#87
Benzo(b)fluoranthene
Concen: 43.58 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	14.1	9.8	14.6

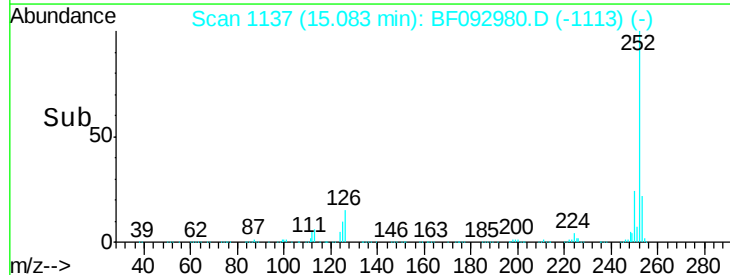
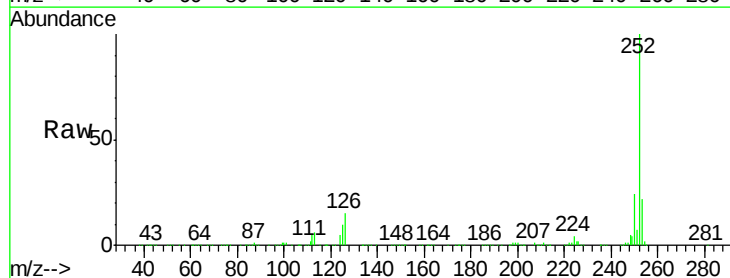
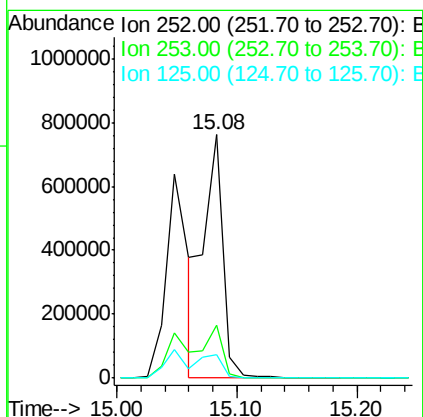
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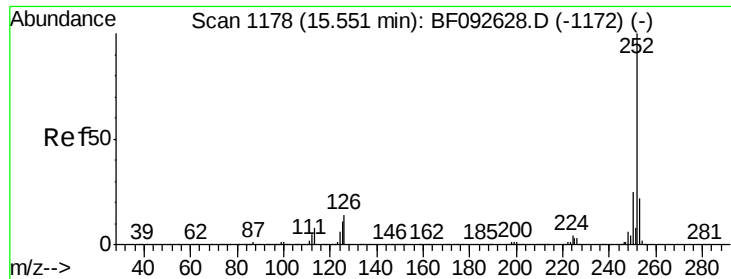
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#88
Benzo(k)fluoranthene
Concen: 52.94 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.8	8.9	13.3





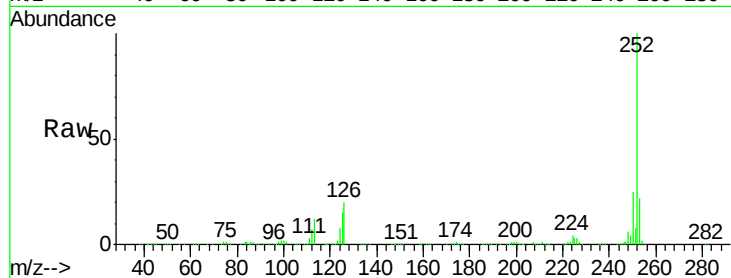
#89
Benzo(a)pyrene
Concen: 48.63 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

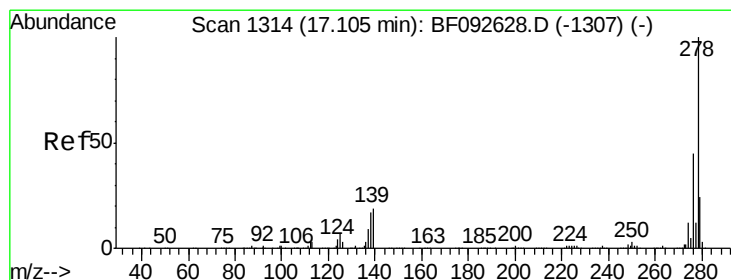
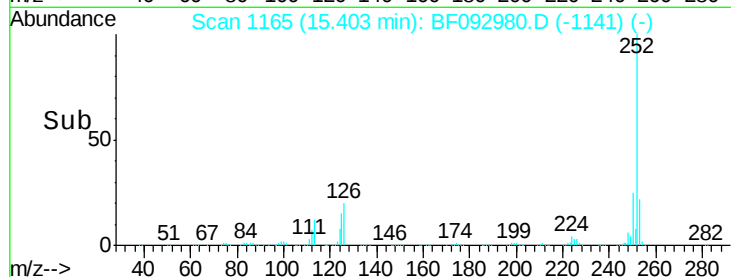
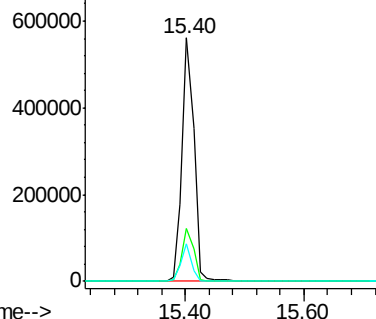
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	15.3	10.0	15.0

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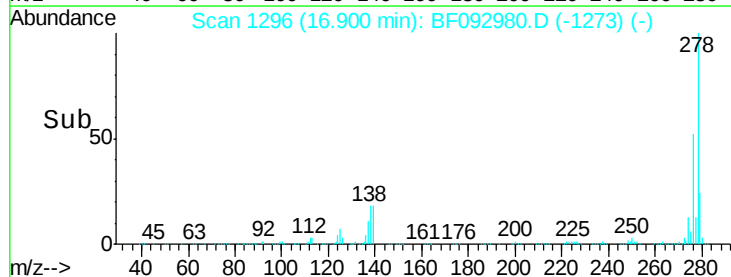
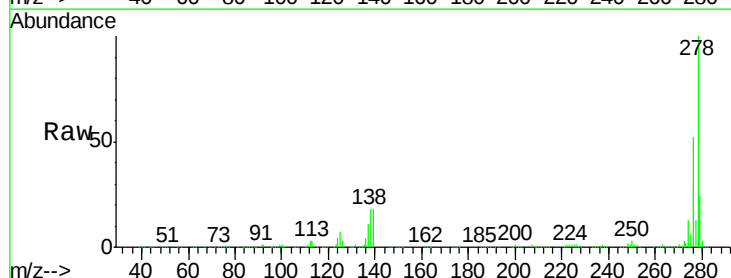
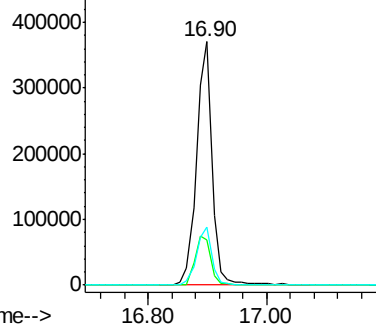
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

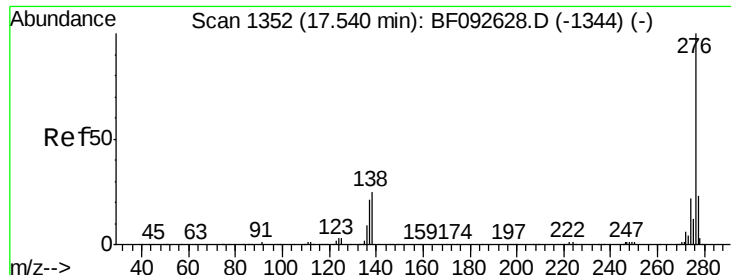


#90
Dibenzo(a,h)anthracene
Concen: 51.55 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.8	22.2
279	23.9	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 50.24 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	663110		
277	23.7		19.2	28.8
138	28.1		16.0	24.0

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