

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090673.D
 Acq On : 20 Oct 2016 4:22
 Operator : UM/SJ
 Sample : PB94170BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Manual Integrations
 APPROVED

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 10/20/2016 6:40:12 PM

Quant Time: Oct 20 13:04:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	241720	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1112405	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	563715	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	822837	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	553151	20.00	ng	-0.01
86) Perylene-d12	15.50	264	475142	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	896976	68.03	ng	0.00
7) Phenol-d6	6.52	99	1228977	62.73	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1285822	64.21	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	227588	45.28	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1946392	56.89	ng	-0.01
78) Terphenyl-d14	13.00	244	1488636	62.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	191613	25.50	ng	95
3) Pyridine	3.30	79	566813m	33.65	ng	
4) n-Nitrosodimethylamine	3.24	42	199899	35.37	ng	94
6) Aniline	6.54	93	617144	26.07	ng	# 77
8) 2-Chlorophenol	6.67	128	542411	31.72	ng	97
9) Benzaldehyde	6.43	77	122115	9.80	ng	95
10) Phenol	6.53	94	658925	29.41	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	600477	32.48	ng	97
12) 1,3-Dichlorobenzene	6.83	146	529424	31.05	ng	96
13) 1,4-Dichlorobenzene	6.91	146	534096	28.80	ng	98
14) 1,2-Dichlorobenzene	7.06	146	564925	32.59	ng	100
15) Benzyl Alcohol	7.03	79	458239	34.34	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	803552	30.88	ng	93
17) 2-Methylphenol	7.15	107	457173	34.31	ng	97
18) Hexachloroethane	7.40	117	218102	29.76	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	450519	33.54	ng	97
20) 3+4-Methylphenols	7.30	107	550460	34.08	ng	94
22) Acetophenone	7.30	105	747358	30.41	ng	96
24) Nitrobenzene	7.47	77	605951	29.48	ng	97
25) Isophorone	7.71	82	1151001	31.58	ng	99
26) 2-Nitrophenol	7.79	139	262151	28.12	ng	97
27) 2,4-Dimethylphenol	7.83	122	503002	32.51	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	714741	33.21	ng	99
29) 2,4-Dichlorophenol	8.03	162	395310	29.17	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	447110	28.17	ng	100
31) Naphthalene	8.20	128	1636330	28.88	ng	100
32) Benzoic acid	7.94	122	120790	12.71	ng	94
33) 4-Chloroaniline	8.25	127	453265	20.93	ng	96
34) Hexachlorobutadiene	8.31	225	249380	28.12	ng	98
35) Caprolactam	8.61	113	122848	32.48	ng	# 83
36) 4-Chloro-3-methylphenol	8.73	107	463357	29.63	ng	99
37) 2-Methylnaphthalene	8.89	142	970445	29.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	462305	30.93	ng	99
40) Hexachlorocyclopentadiene	9.05	237	331851	45.45	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	273963	32.50	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	265212m	26.37	nq	
45) 1,1'-Biphenyl	9.35	154	1271700	29.65	nq	100
46) 2-Chloronaphthalene	9.38	162	968034	30.27	nq	100
47) 2-Nitroaniline	9.48	65	343369	29.61	nq	89
48) Acenaphthylene	9.79	152	1386697	27.23	nq	100
49) Dimethylphthalate	9.65	163	1015924	27.78	nq	100
50) 2,6-Dinitrotoluene	9.72	165	244536	30.56	nq	98
51) Acenaphthene	9.96	154	899280	26.56	nq	99
52) 3-Nitroaniline	9.89	138	226736	22.58	nq	92
53) 2,4-Dinitrophenol	9.99	184	48365	16.02	nq	88
54) Dibenzofuran	10.14	168	1226902	27.55	nq	98
55) 4-Nitrophenol	10.05	139	251657	41.64	nq	96
56) 2,4-Dinitrotoluene	10.12	165	322822	29.70	nq	96
57) Fluorene	10.47	166	995346	27.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	207037	24.72	nq	97
59) Diethylphthalate	10.35	149	1087100	29.31	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	499350	28.84	nq	97
61) 4-Nitroaniline	10.51	138	250221	24.85	nq	96
62) Azobenzene	10.63	77	1401743	32.67	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	43188	8.67	nq	88
65) n-Nitrosodiphenylamine	10.59	169	827864	30.46	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	250149	28.33	nq	97
67) Hexachlorobenzene	11.02	284	268421	28.00	nq	91
68) Atrazine	11.11	200	223055	29.67	nq	98
69) Pentachlorophenol	11.23	266	189446	39.87	nq	98
70) Phenanthrene	11.45	178	1321453	30.08	nq	100
71) Anthracene	11.49	178	1352880	28.62	nq	99
72) Carbazole	11.65	167	1176658	27.81	nq	100
73) Di-n-butylphthalate	11.98	149	1617431	32.63	nq	99
74) Fluoranthene	12.62	202	1066230	24.13	nq	90
76) Benzidine	12.76	184	277578	20.17	nq	96
77) Pyrene	12.85	202	1049027	28.63	nq	100
79) Butylbenzylphthalate	13.48	149	601159	37.04	nq	96
80) Benzo(a)anthracene	14.04	228	929488	29.52	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	252251	23.45	nq	# 96
82) Chrysene	14.09	228	950851	31.34	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	844798	38.58	nq	100
84) Di-n-octyl phthalate	14.65	149	1239846	42.23	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	765522	43.64	nq	98
87) Benzo(b)fluoranthene	15.08	252	928786	29.87	nq	98
88) Benzo(k)fluoranthene	15.12	252	768010m	22.96	nq	
89) Benzo(a)pyrene	15.45	252	804791	28.27	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	670170	30.87	nq	98
91) Benzo(g,h,i)perylene	17.37	276	581605	28.10	nq	99

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

```

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Operator  : UM/SJ
Sample    : PB94170BSD
Misc      :
ALS Vial   : 29    Sample Multiplier: 1

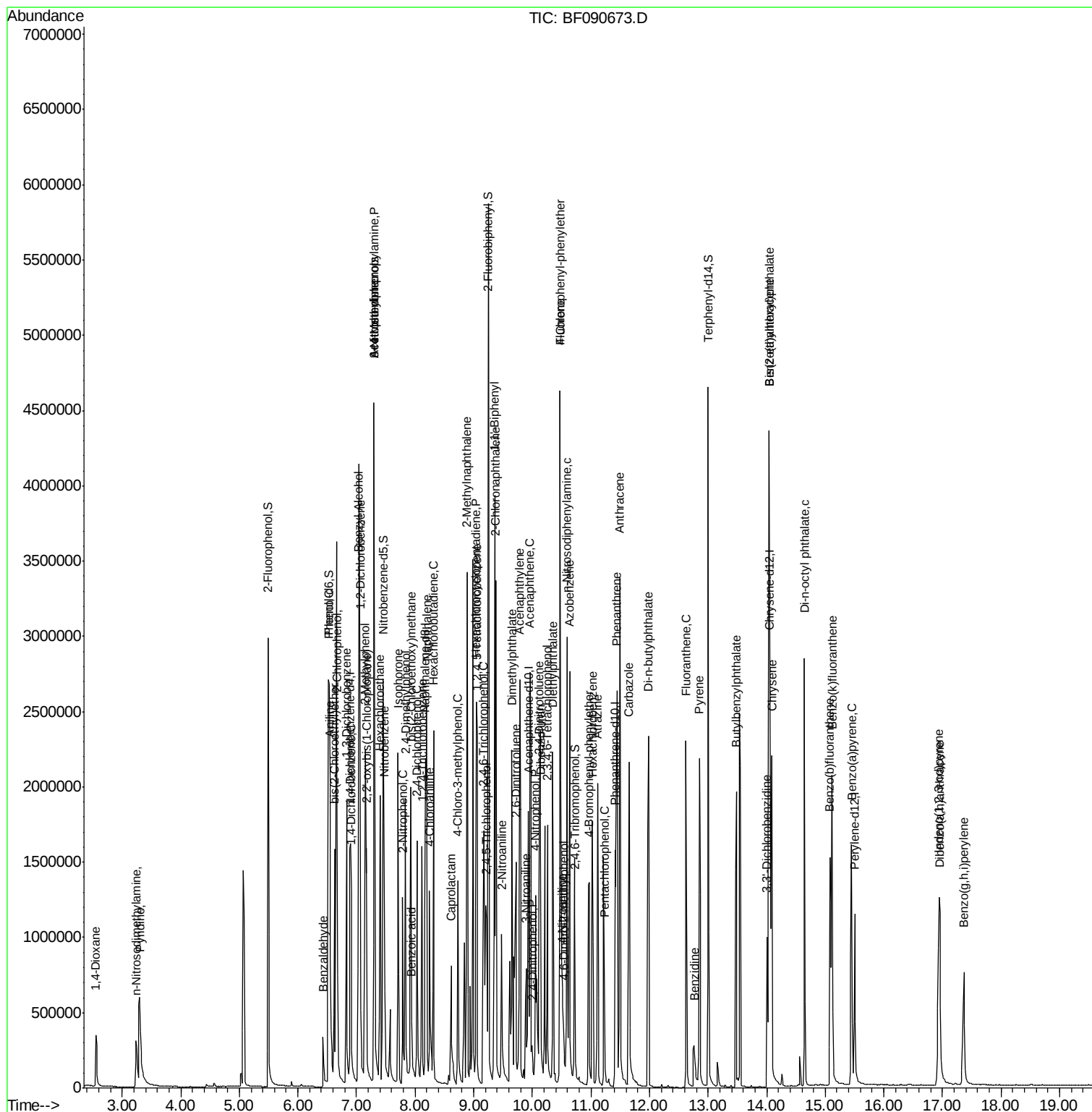
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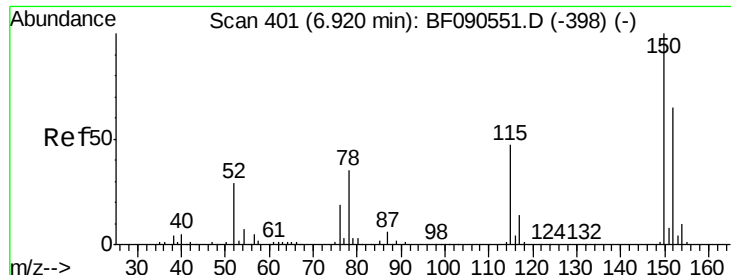
Instrument :
BNA_F
ClientSampleId :
PB94170BSD

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#1

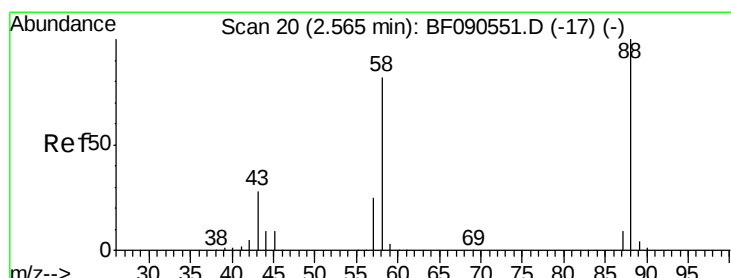
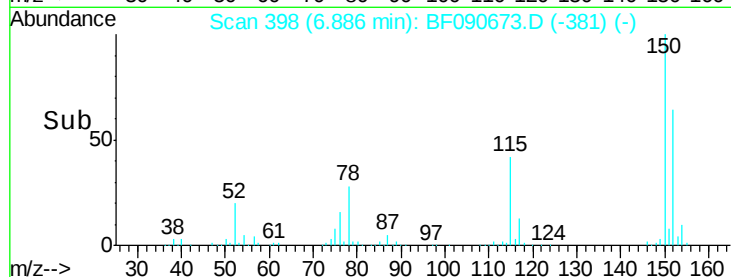
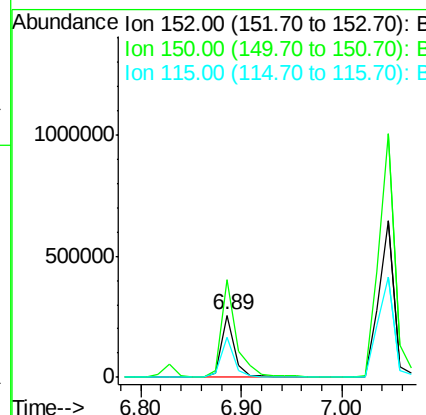
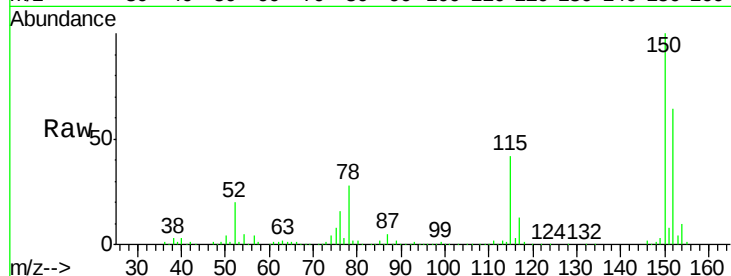
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.2	190.8
115	65.3	58.6	88.0

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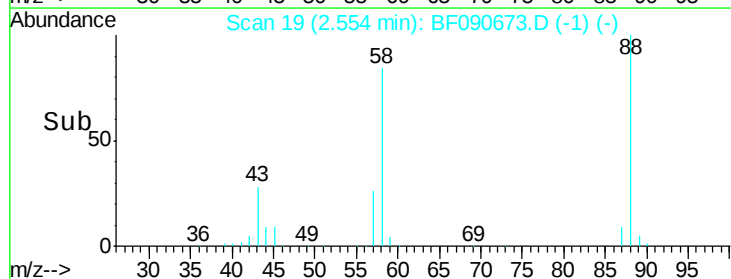
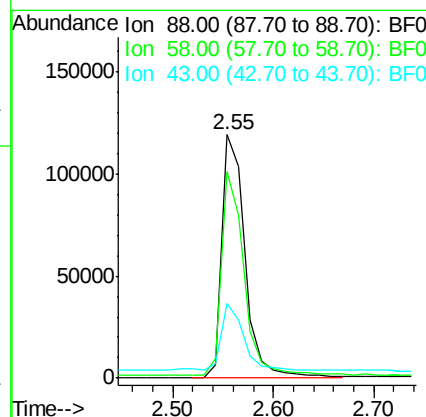
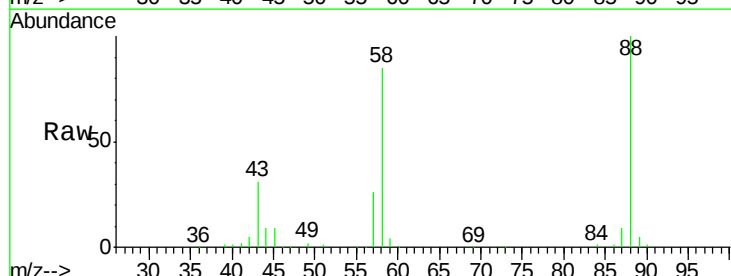
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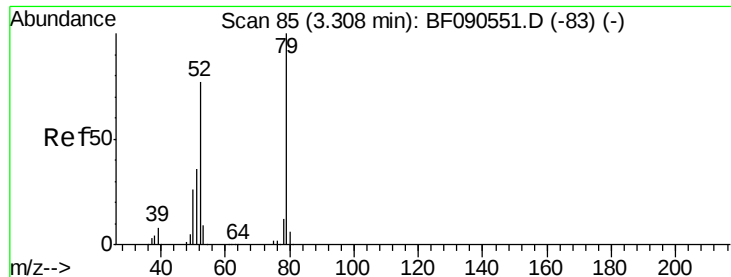


#2

1,4-Dioxane
Concen: 25.50 ng
RT: 2.55 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	67.2	100.8
43	26.8	24.1	36.1





#3

Pvridine

Concen: 33.65 ng/ml

RT: 3.30 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

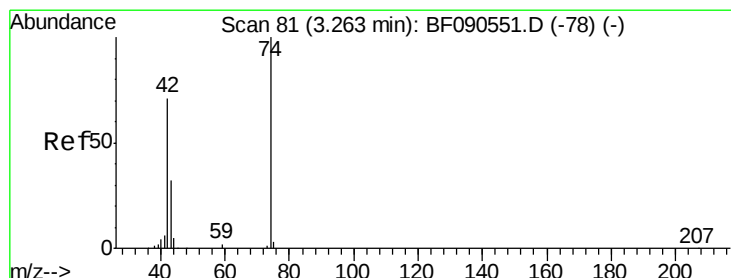
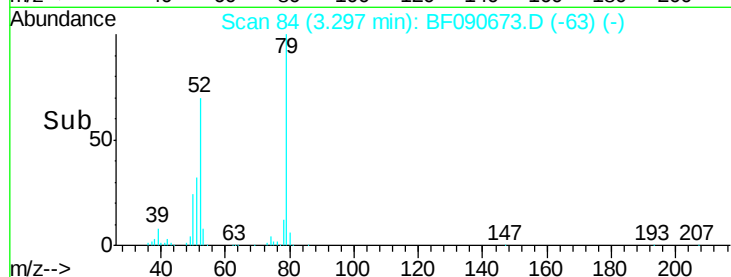
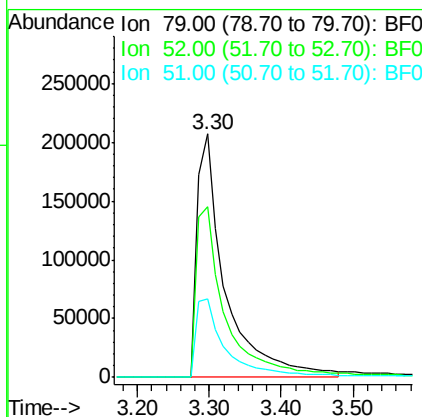
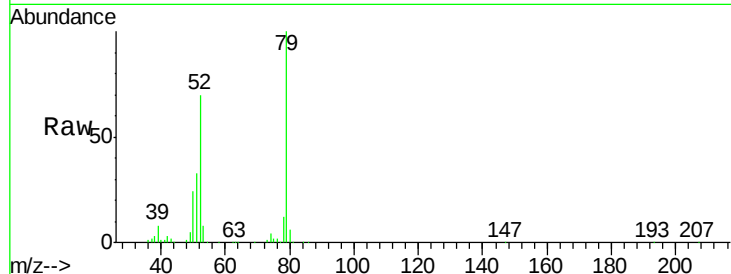
ClientSampleID :

PB94170BSD

Tot Ion:	79	Resp:	566813
Ion	Ratio	Lower	Upper
79	100		
52	70.3	61.8	92.8
51	32.5	29.2	43.8

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#4

n-Nitrosodimethylamine

Concen: 35.37 ng/ml

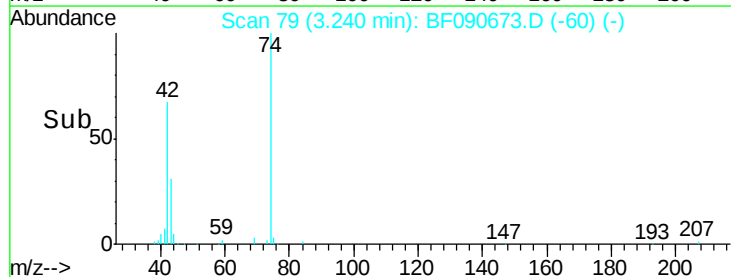
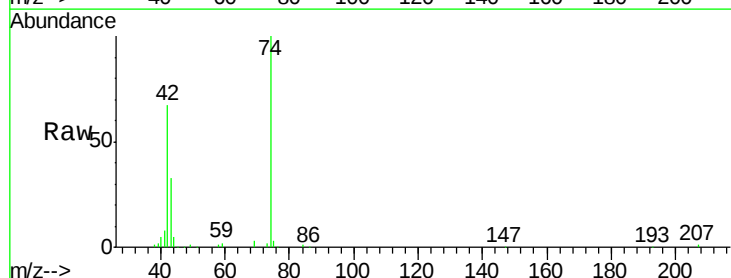
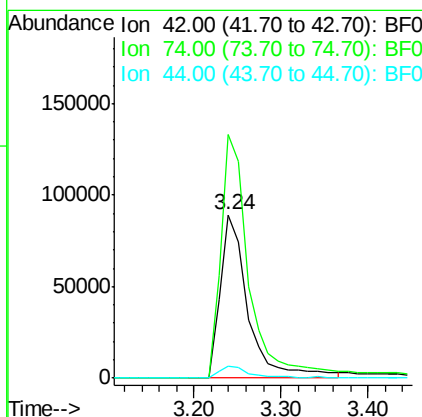
RT: 3.24 min Scan# 79

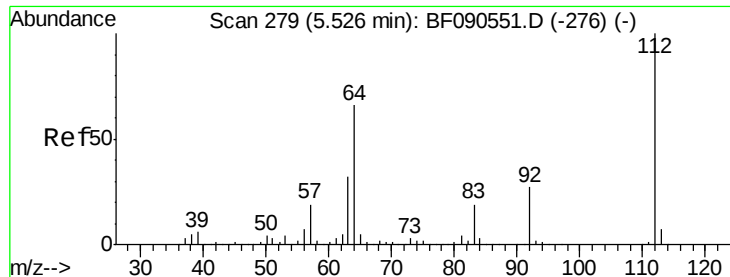
Delta R.T. 0.02 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	42	Resp:	199899
Ion	Ratio	Lower	Upper
42	100		
74	149.3	113.3	169.9
44	7.5	6.0	9.0





#5

2-Fluorophenol

Concen: 68.03 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

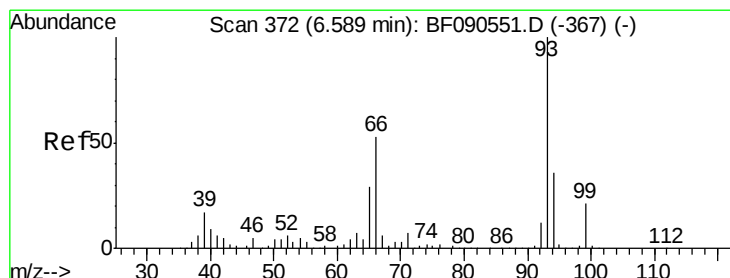
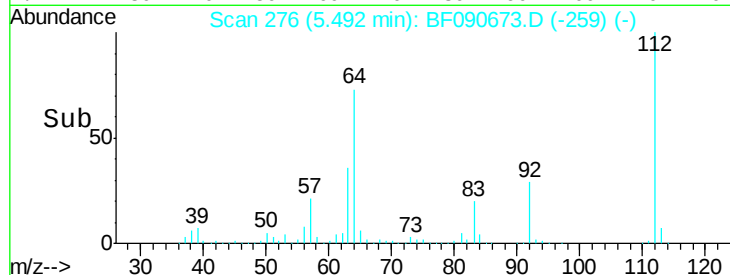
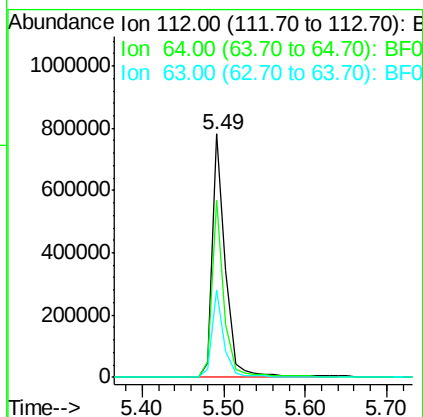
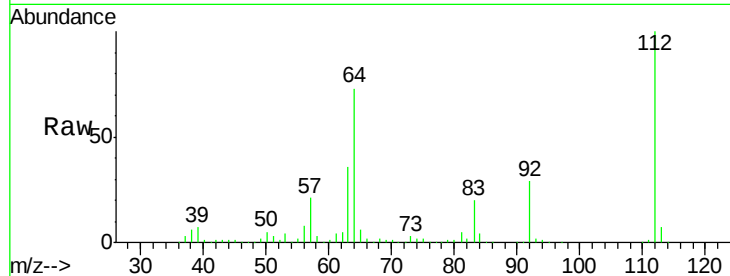
ClientSampleId :

PB94170BSD

Tot Ion:	112	Resp:	896976
Ion Ratio	Lower	Upper	
112	100		
64	72.7	52.6	78.8
63	35.9	26.0	39.0

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#6

Aniline

Concen: 26.07 ng

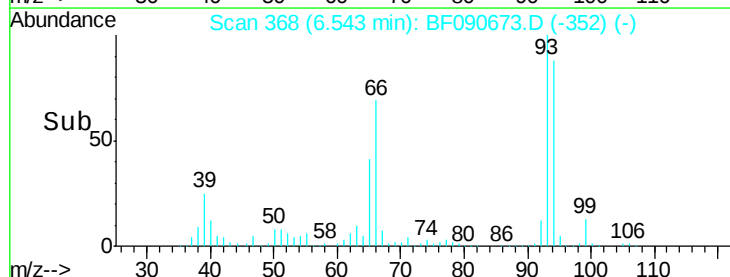
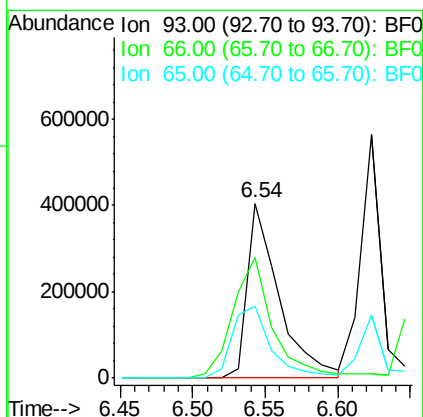
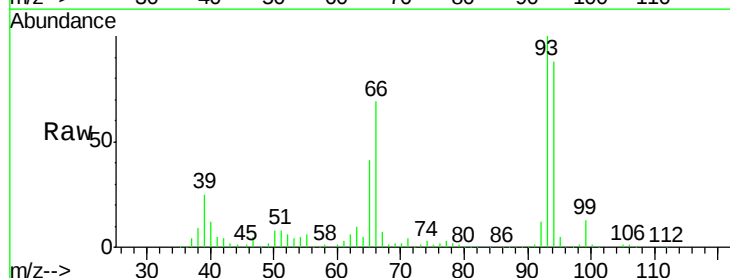
RT: 6.54 min Scan# 368

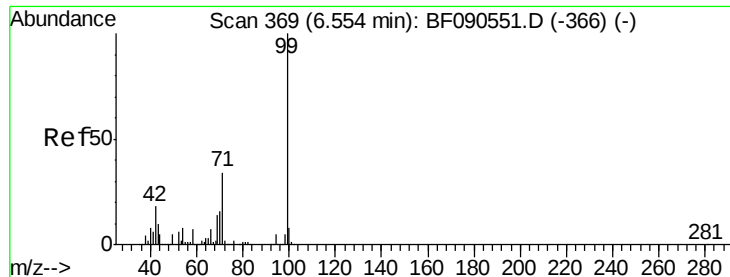
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	93	Resp:	617144
Ion Ratio	Lower	Upper	
93	100		
66	69.0	42.2	63.2#
65	41.5	22.9	34.3#





#7

Phenol-d6

Concen: 62.73 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB94170BSD

Tot Ion: 99 Resp: 1228977

Ion Ratio Lower Upper

99 100

42 18.2 14.7 22.1

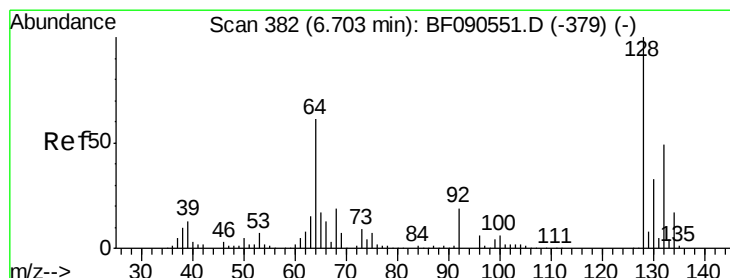
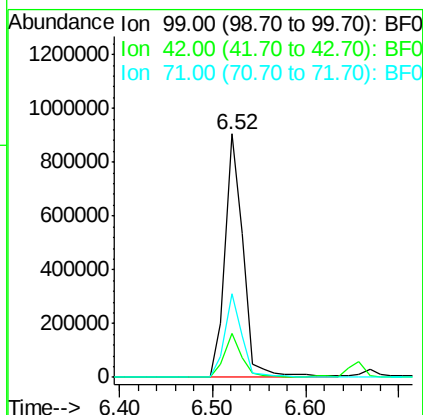
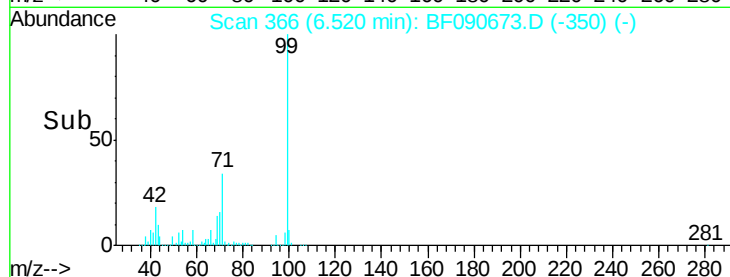
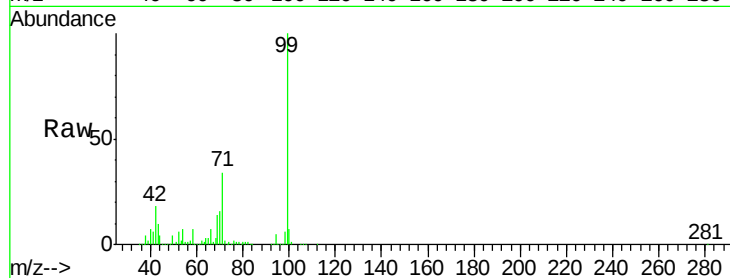
71 34.2 27.6 41.4

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#8

2-Chlorophenol

Concen: 31.72 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

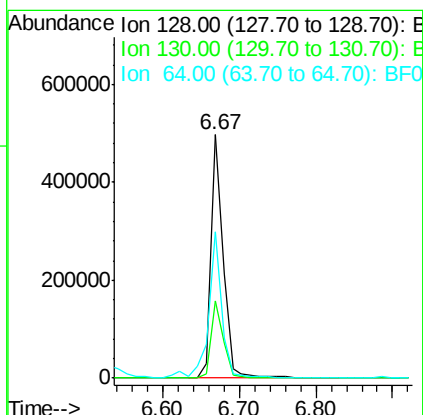
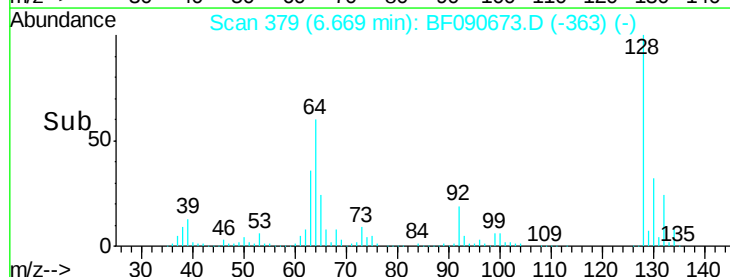
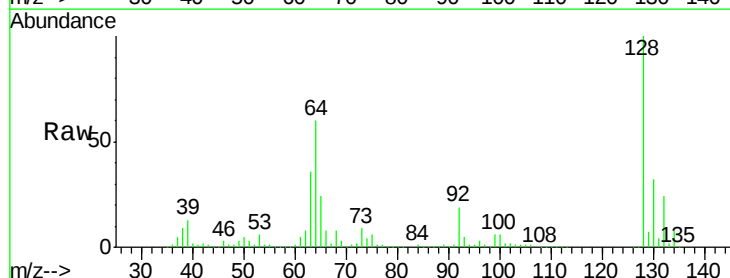
Tgt Ion: 128 Resp: 542411

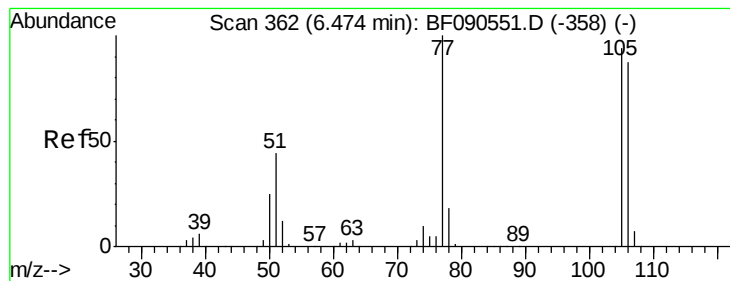
Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

64 60.3 42.6 82.6





#9

Benzaldehyde

Concen: 9.80 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

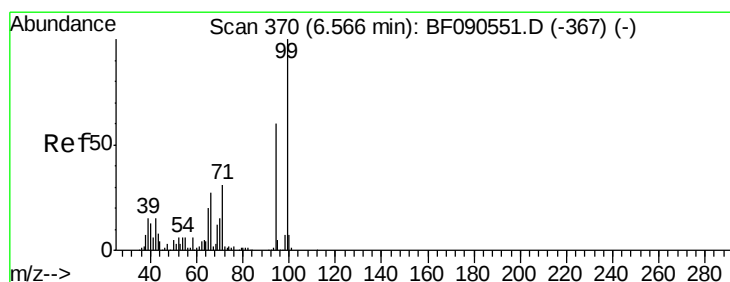
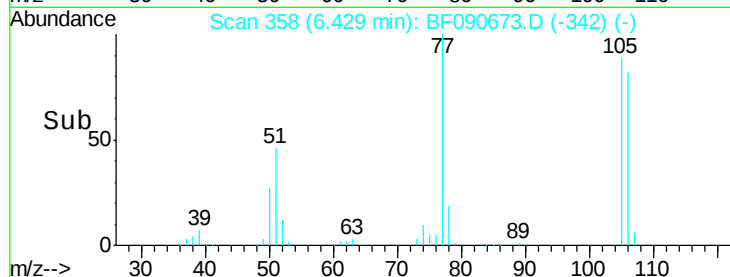
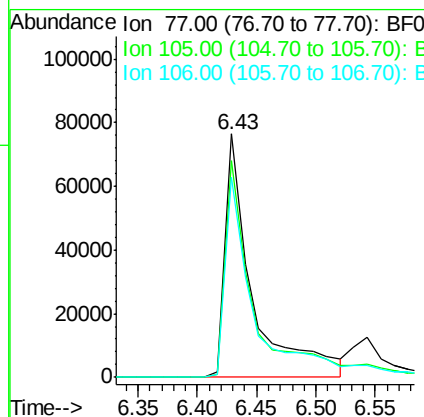
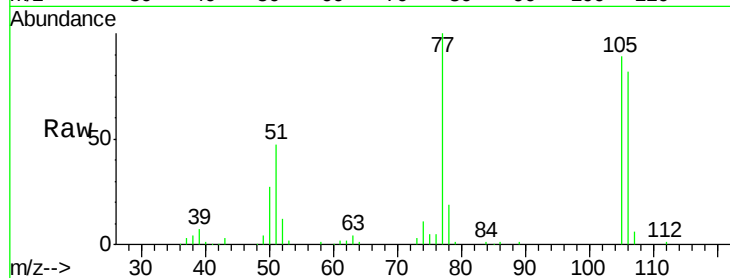
ClientSampleID :

PB94170BSD

Tot Ion:	77	Resp:	122115
Ion Ratio	Lower	Upper	
77	100		
105	88.8	74.3	114.3
106	82.4	67.2	107.2

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#10

Phenol

Concen: 29.41 ng

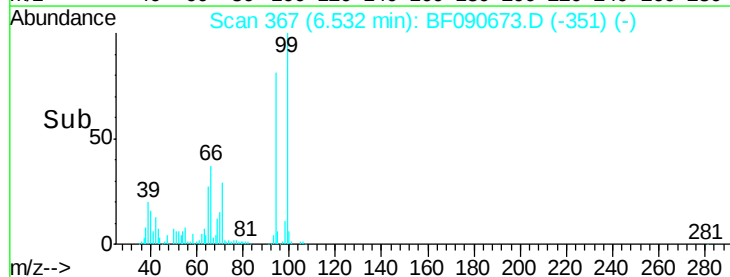
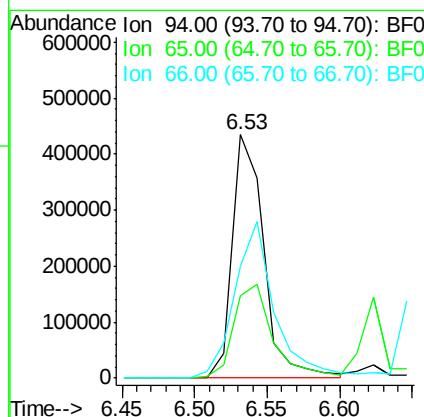
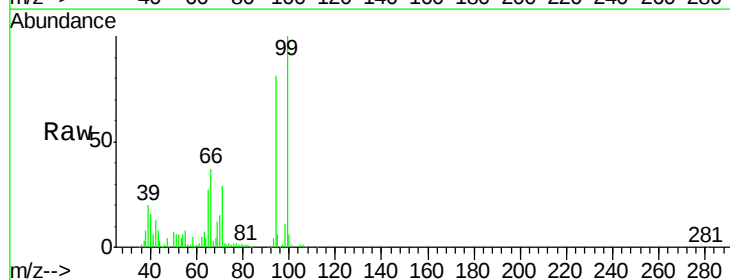
RT: 6.53 min Scan# 367

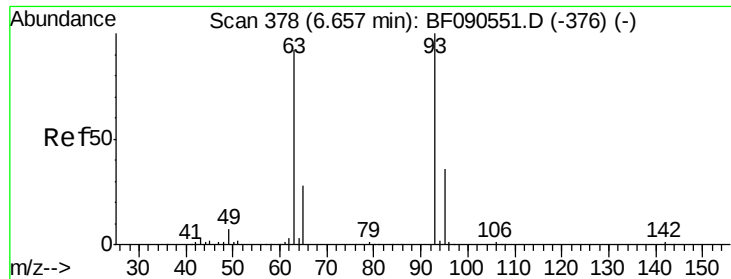
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	94	Resp:	658925
Ion Ratio	Lower	Upper	
94	100		
65	33.7	12.5	52.5
66	46.1	25.5	65.5





#11

bis(2-Chloroethyl)ether

Concen: 32.48 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

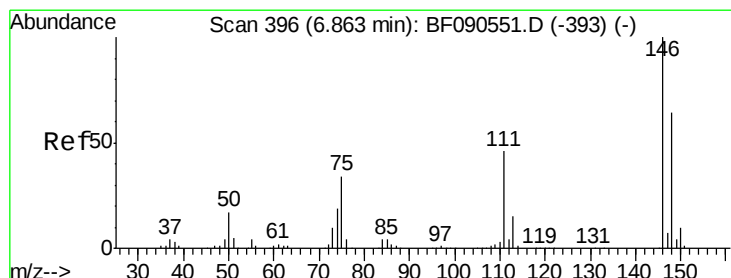
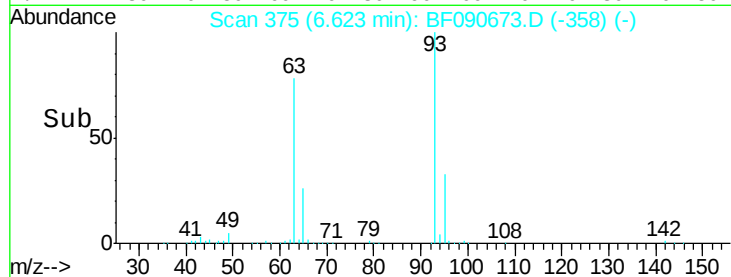
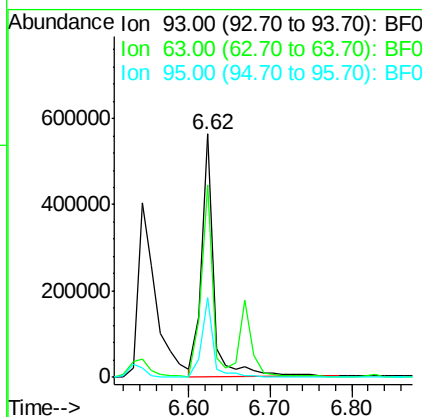
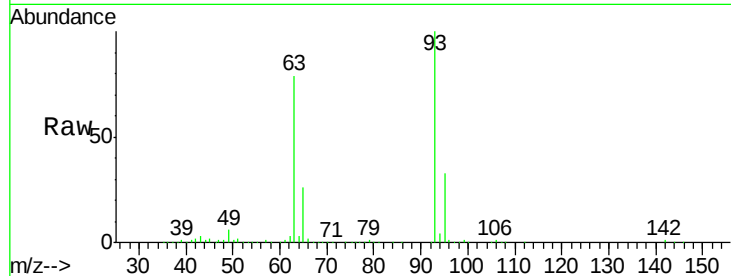
ClientSampleId :

PB94170BSD

Tot Ion:	93	Resp:	600477
Ion Ratio	Lower	Upper	
93	100		
63	78.9	61.6	101.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 31.05 ng

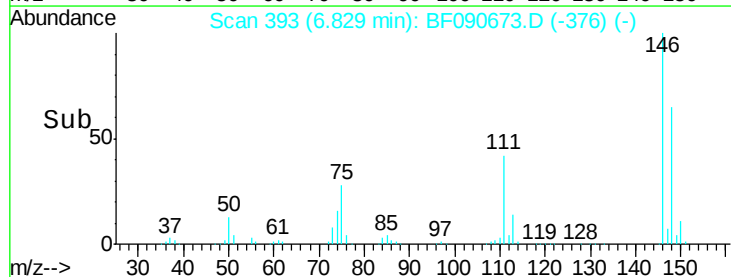
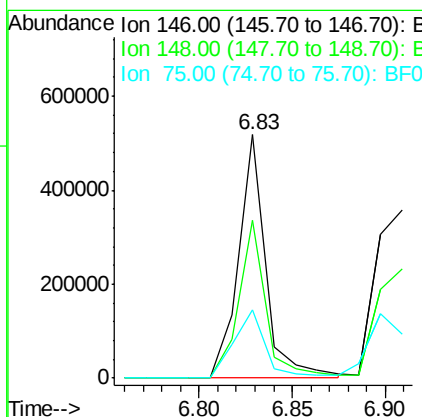
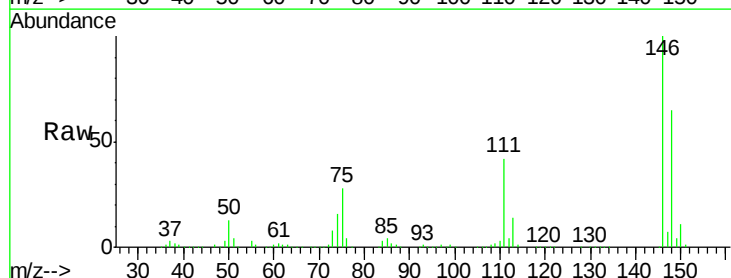
RT: 6.83 min Scan# 393

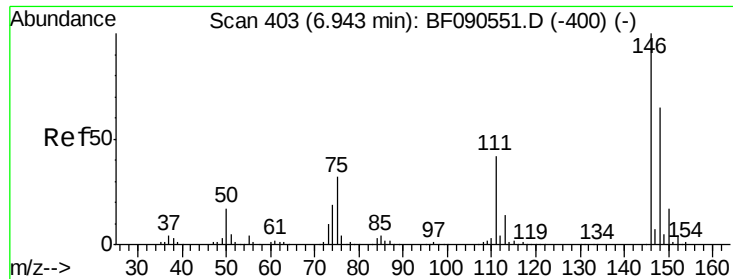
Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	146	Resp:	529424
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
75	28.2	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 28.80 ng

RT: 6.91 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

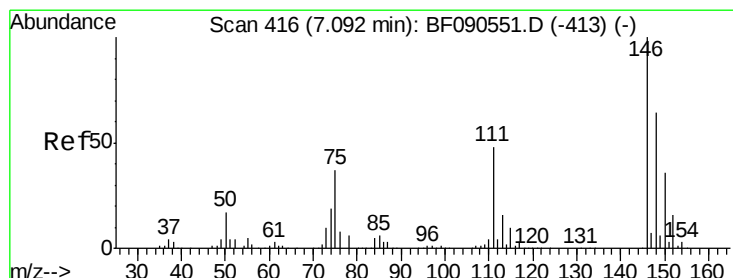
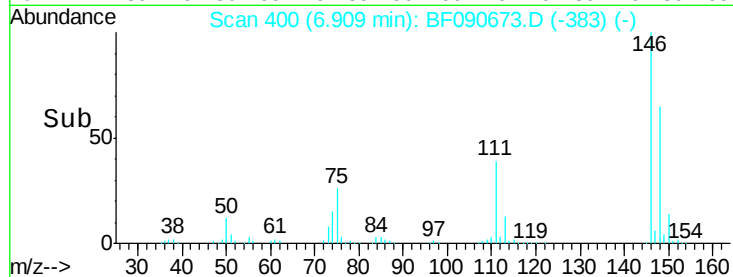
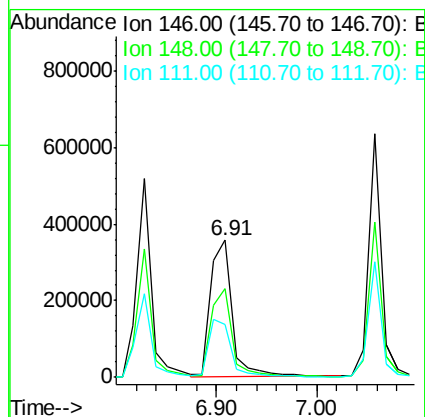
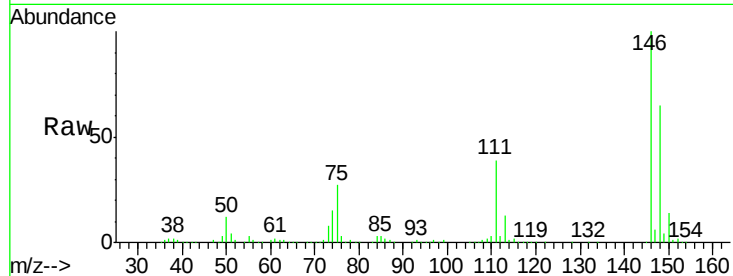
ClientSampleId :

PB94170BSD

Tot Ion:	146	Resp:	534096
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
111	39.0	33.7	50.5

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#14

1,2-Dichlorobenzene

Concen: 32.59 ng

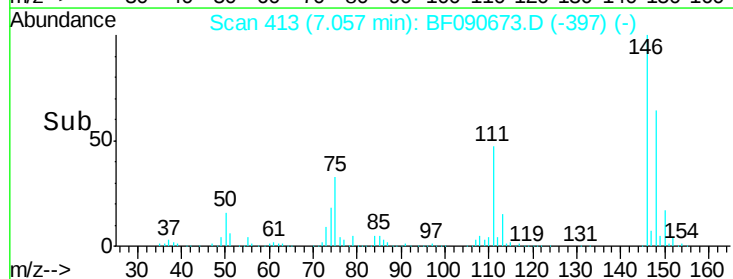
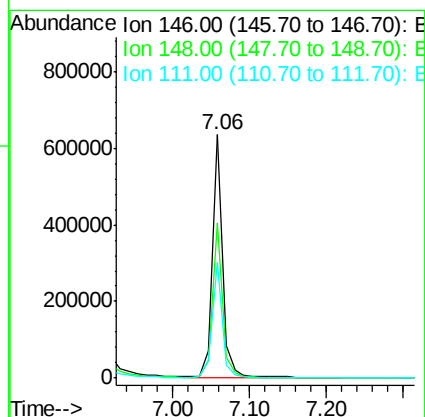
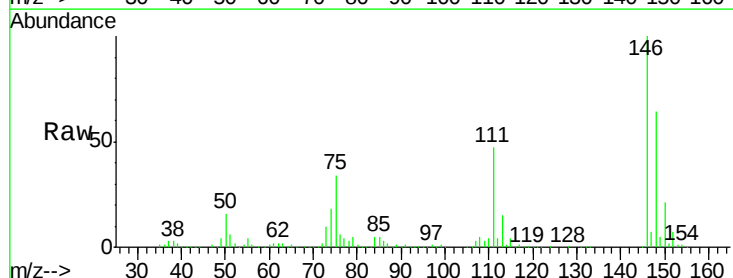
RT: 7.06 min Scan# 413

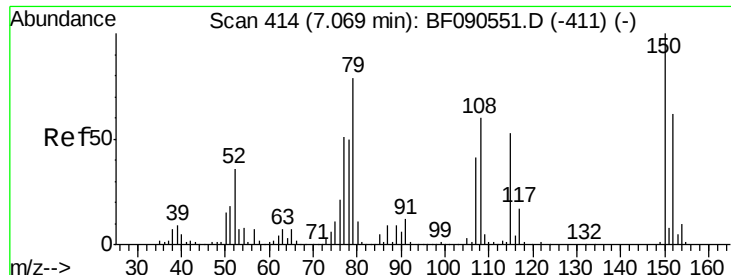
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	146	Resp:	564925
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.2	76.8
111	47.3	38.2	57.2





#15

Benzyl Alcohol

Concen: 34.34 ng

RT: 7.03 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB94170BSD

Tot Ion: 79 Resp: 458239

Ion Ratio Lower Upper

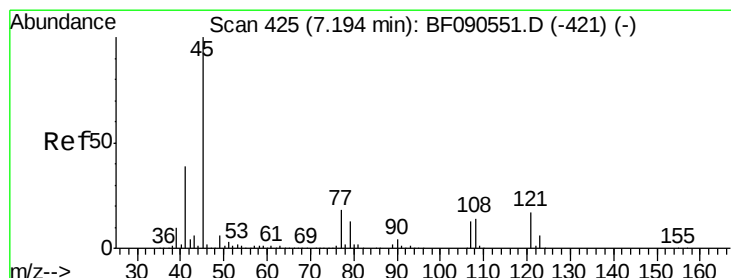
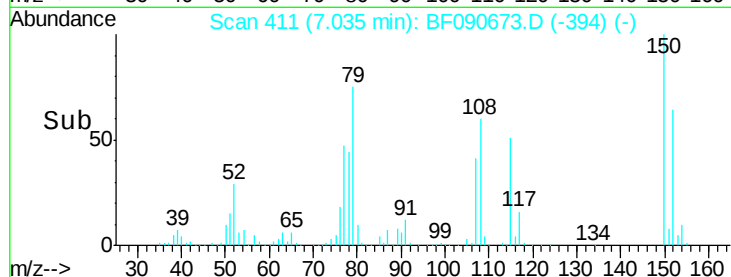
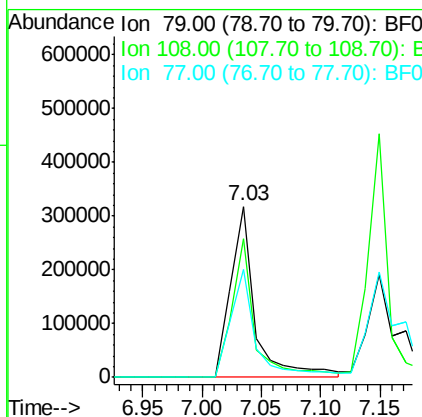
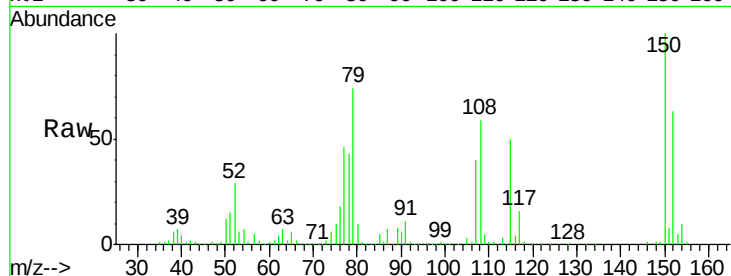
79 100

108 80.9 60.2 90.4

77 63.0 52.0 78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.88 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

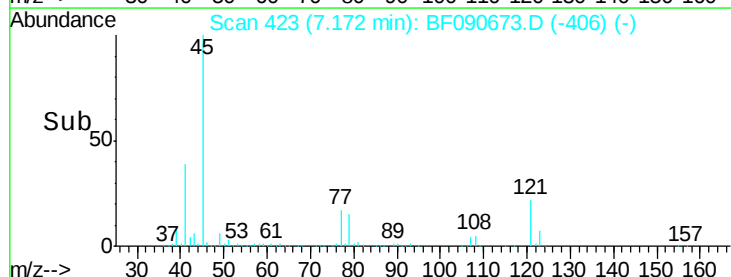
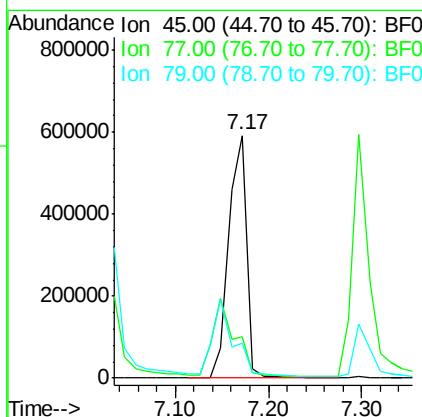
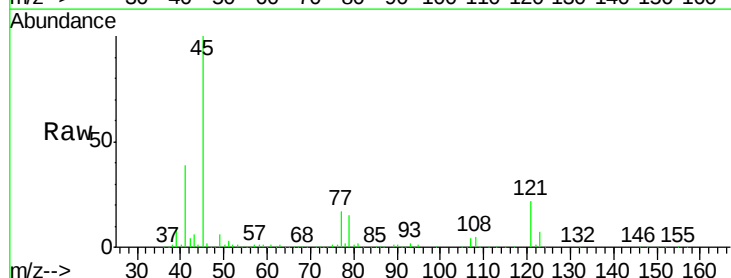
Tgt Ion: 45 Resp: 803552

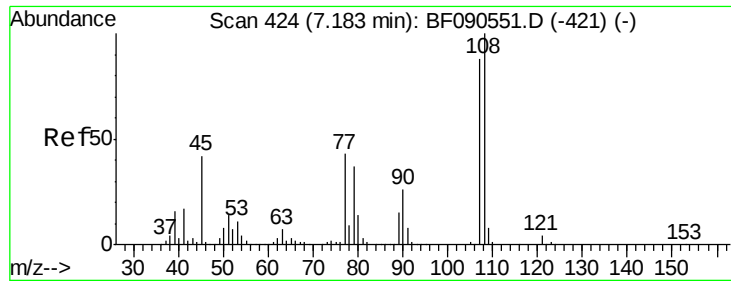
Ion Ratio Lower Upper

45 100

77 17.3 0.9 40.9

79 14.6 0.0 37.3





#17

2-Methylphenol

Concen: 34.31 ng

RT: 7.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

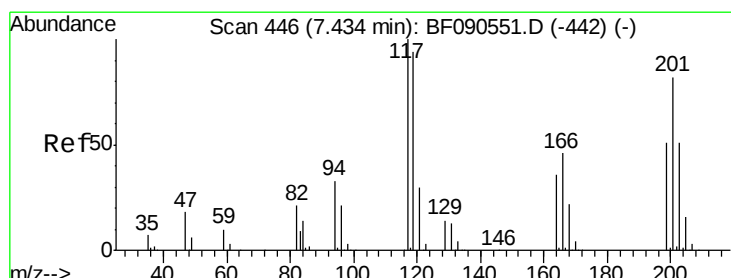
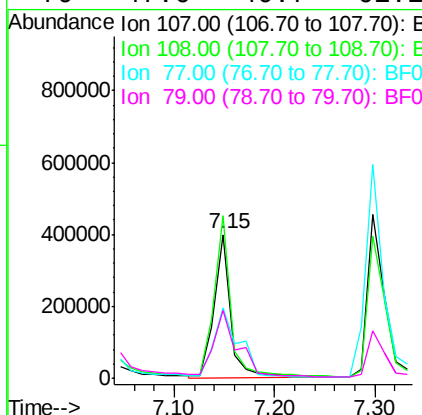
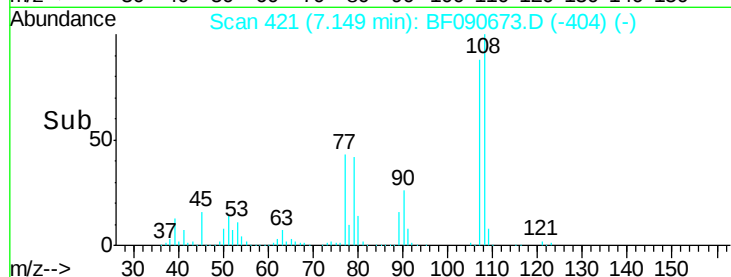
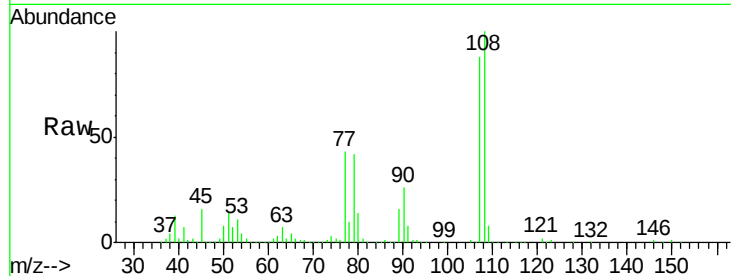
ClientSampleId :

PB94170BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.5	92.6	138.8		
77	49.0	42.2	63.2		
79	47.6	40.7	61.1		

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#18

Hexachloroethane

Concen: 29.76 ng

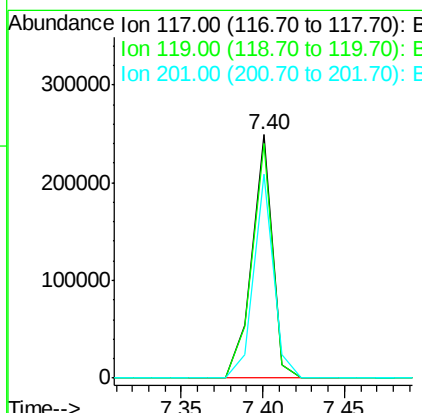
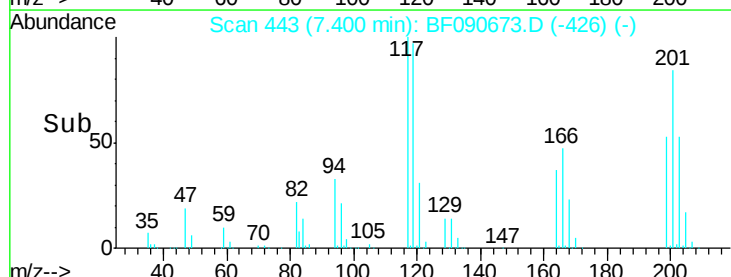
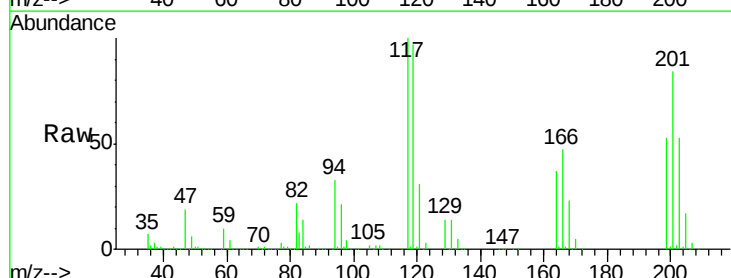
RT: 7.40 min Scan# 443

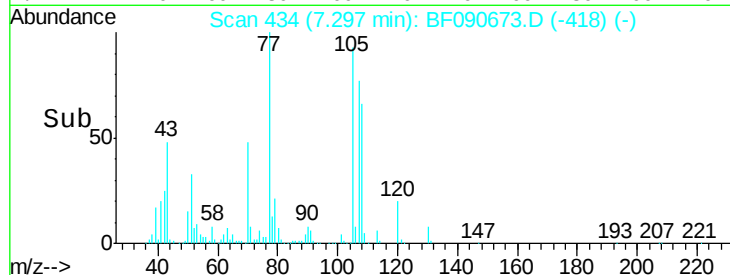
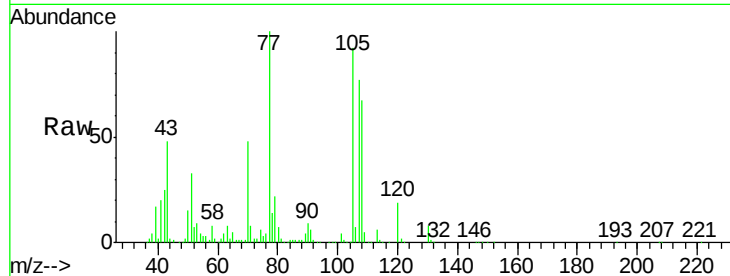
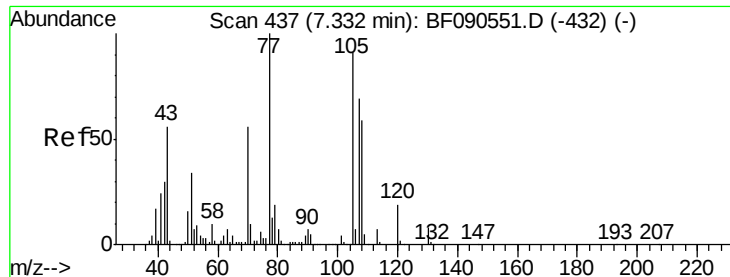
Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.6	75.6	113.4		
201	83.8	65.4	98.0		





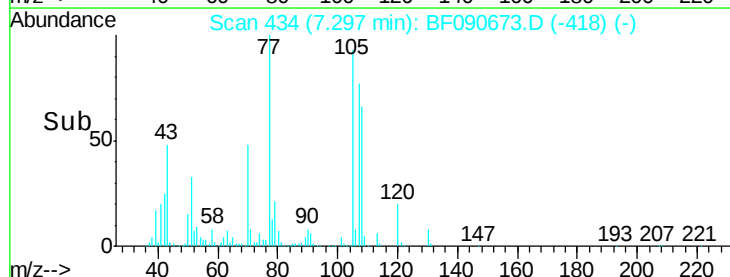
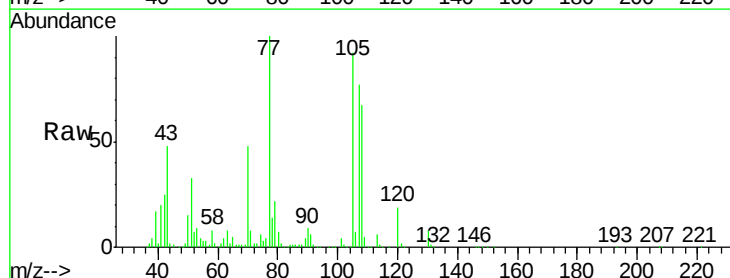
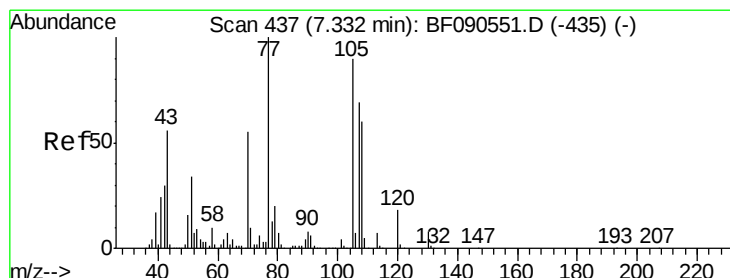
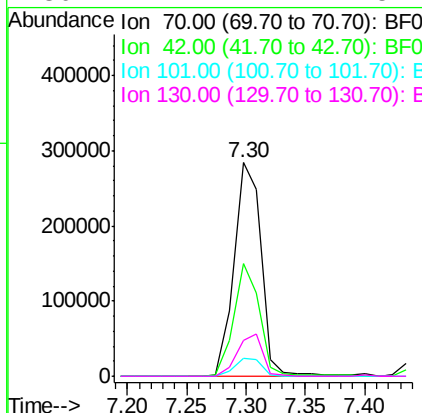
#19
n-Nitroso-di-n-propylamine
Concen: 33.54 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.4	65.0
101	8.5	6.4	9.6
130	17.1	12.1	18.1

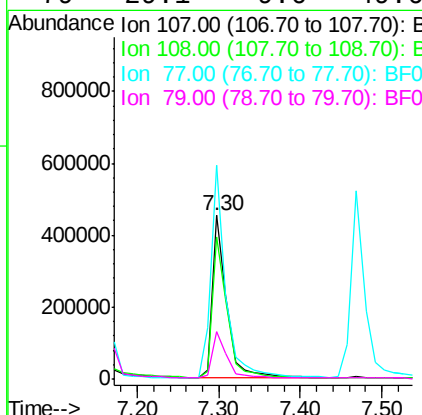
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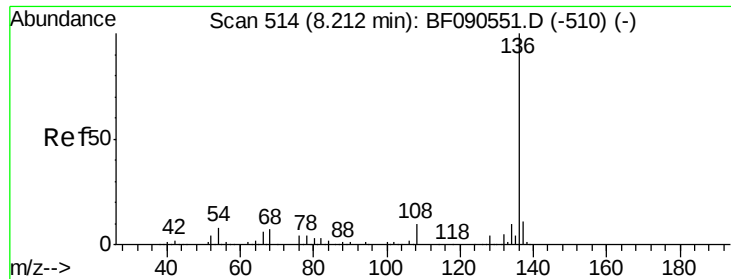
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#20
3+4-Methylphenols
Concen: 34.08 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.7	107.7
77	130.6	123.1	163.1
79	29.1	9.6	49.6





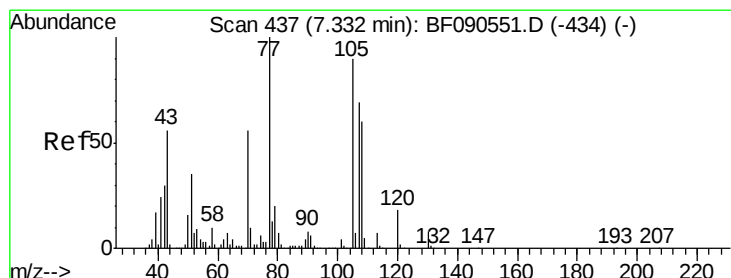
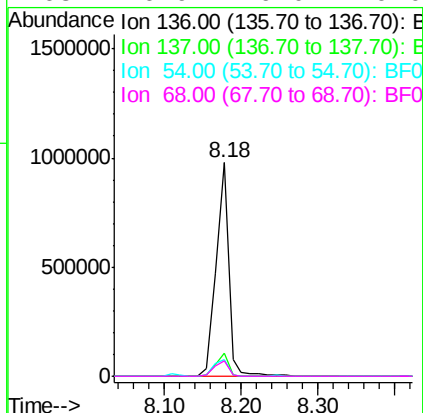
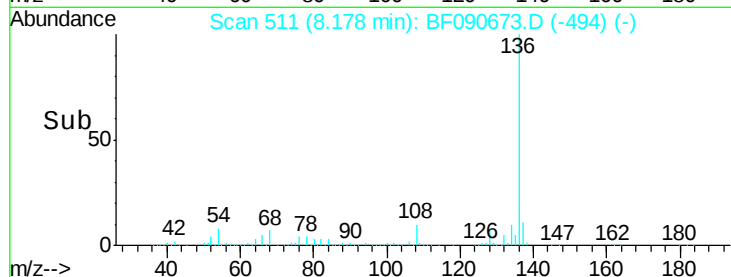
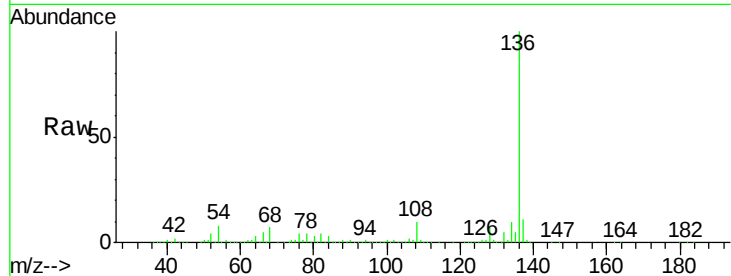
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	136	Resp	1112405
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.8	10.2
68	6.9	6.0	9.0

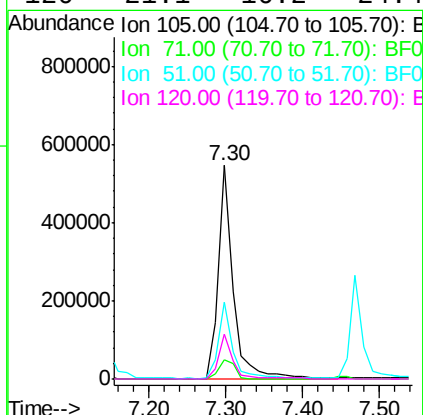
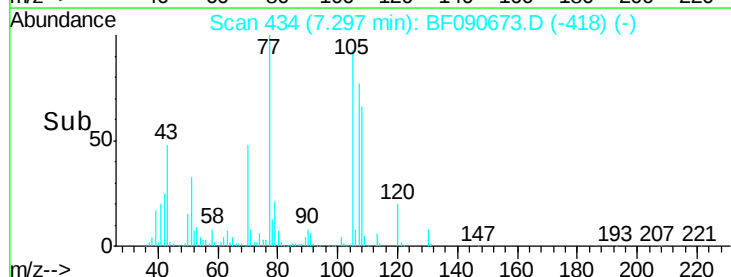
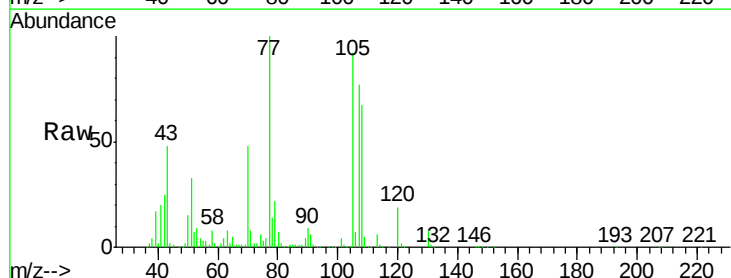
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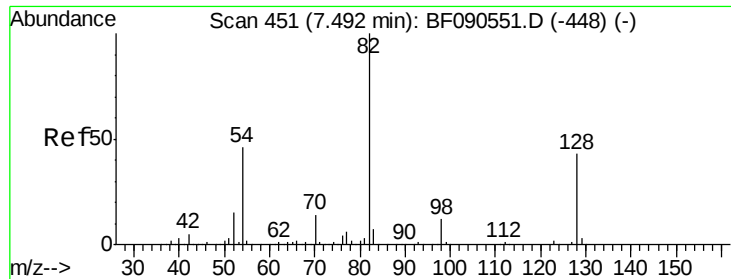
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#22
Acetophenone
Concen: 30.41 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	105	Resp	747358
Ion	Ratio	Lower	Upper
105	100		
71	8.8	8.5	12.7
51	35.7	31.0	46.4
120	21.1	16.2	24.4





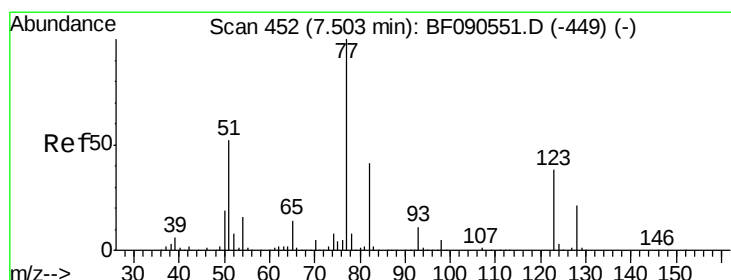
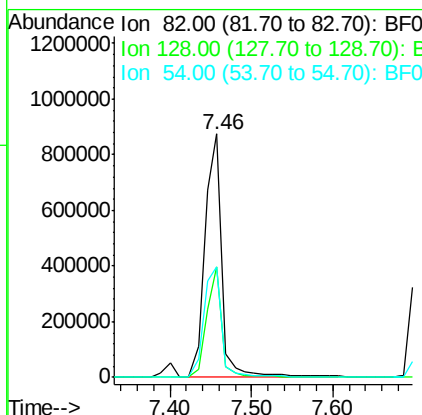
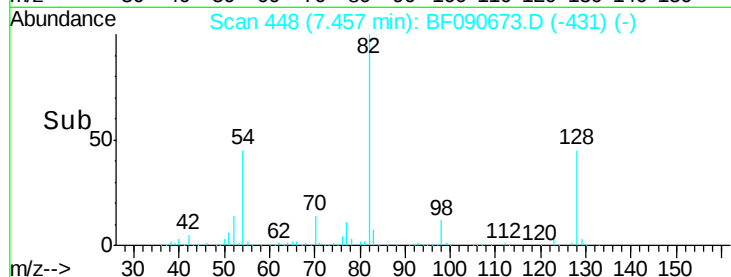
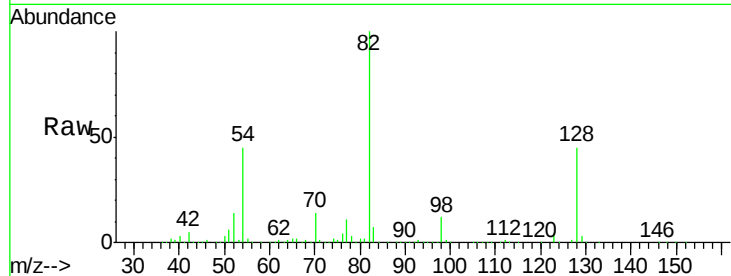
#23
 Nitrobenzene-d5
 Concen: 64.21 ng
 RT: 7.46 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion	82	Resp	128	5822
Ion	Ratio	Lower	Upper	
82	100			
128	45.3	34.3	51.5	
54	45.3	37.0	55.6	

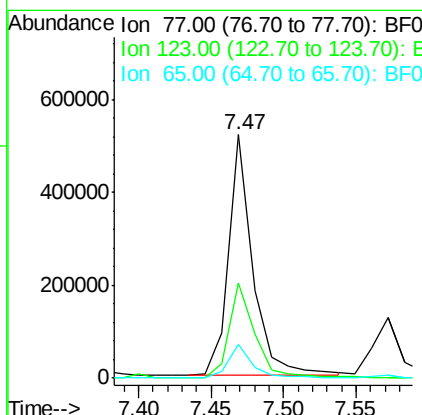
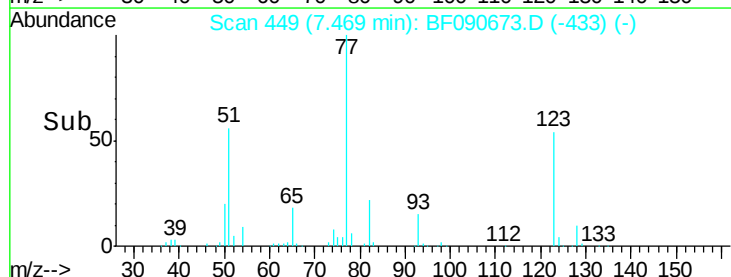
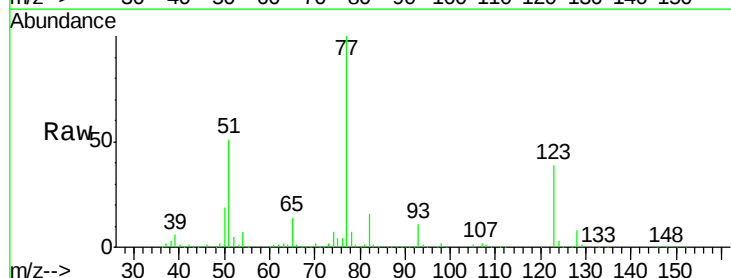
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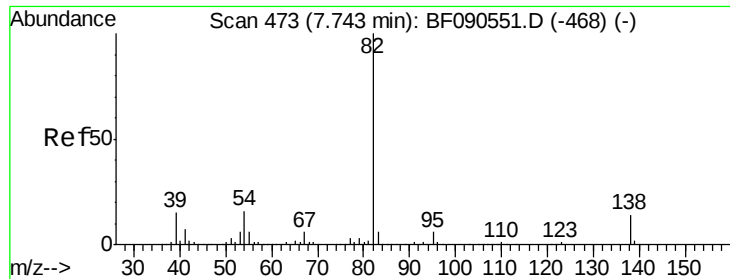
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#24
 Nitrobenzene
 Concen: 29.48 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	77	Resp	605951
Ion	Ratio	Lower	Upper
77	100		
123	39.3	29.8	44.6
65	13.9	10.9	16.3





#25

Isophorone

Concen: 31.58 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampled :

PB94170BSD

Tot Ion: 82 Resp: 1151001

Ion Ratio Lower Upper

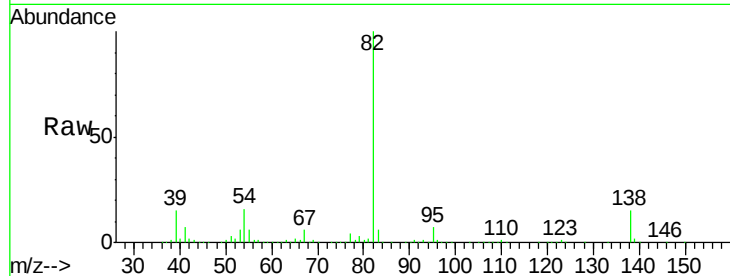
82 100

95 6.6 5.0 7.6

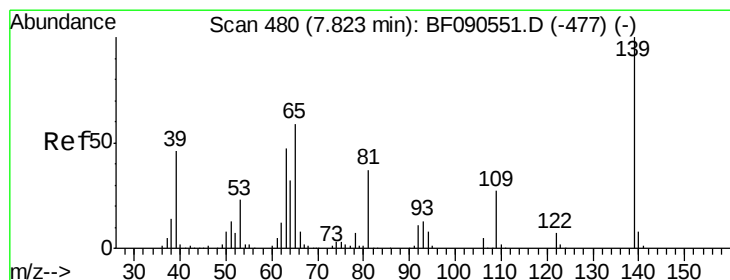
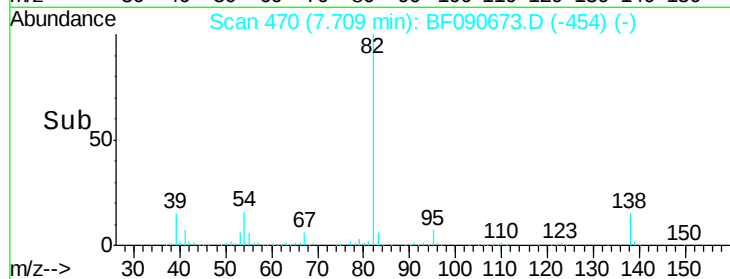
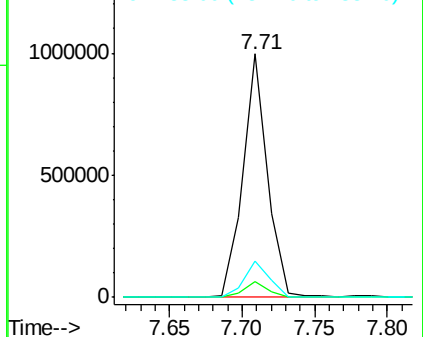
138 15.1 11.5 17.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.12 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

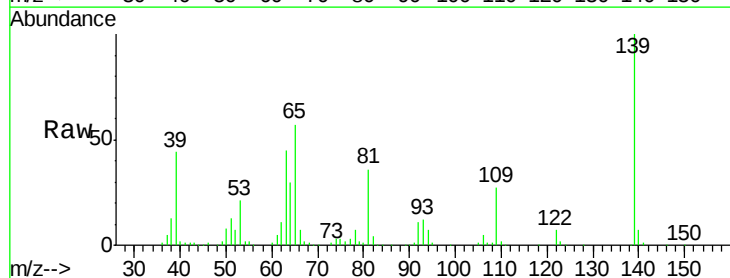
Tgt Ion: 139 Resp: 262151

Ion Ratio Lower Upper

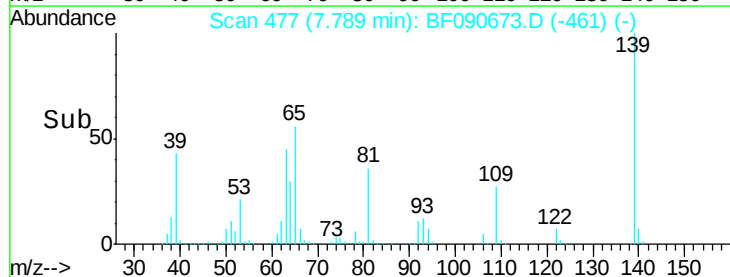
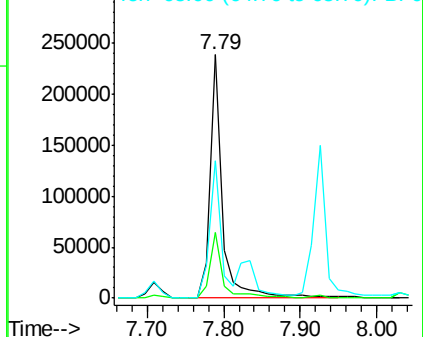
139 100

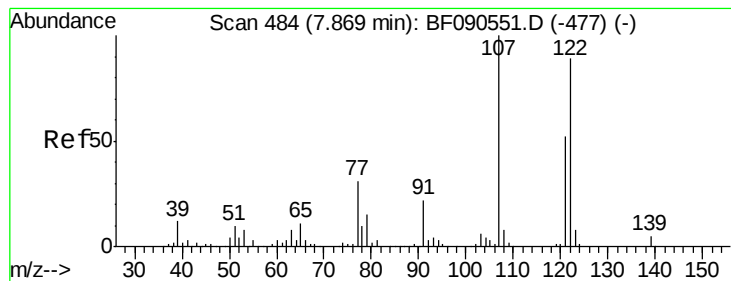
109 27.2 21.8 32.6

65 56.7 47.7 71.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.51 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

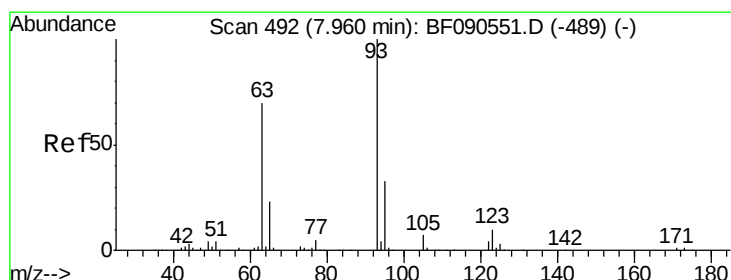
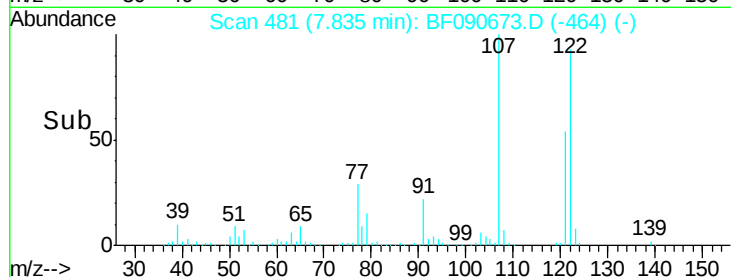
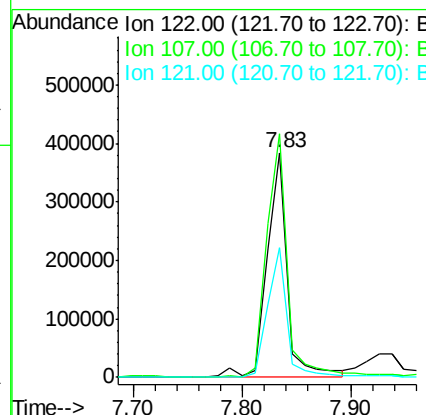
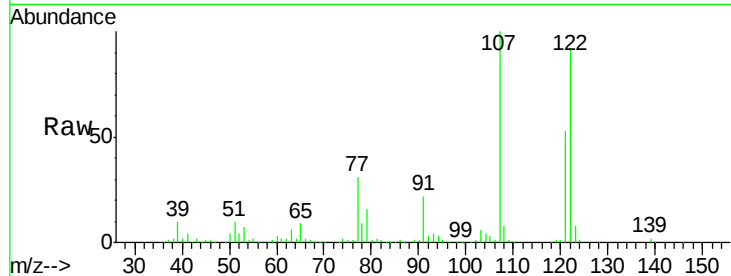
ClientSampled :

PB94170BSD

Tot Ion:	122	Resp:	503002
Ion Ratio	Lower	Upper	
122	100		
107	108.3	89.8	134.6
121	57.8	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 33.21 ng

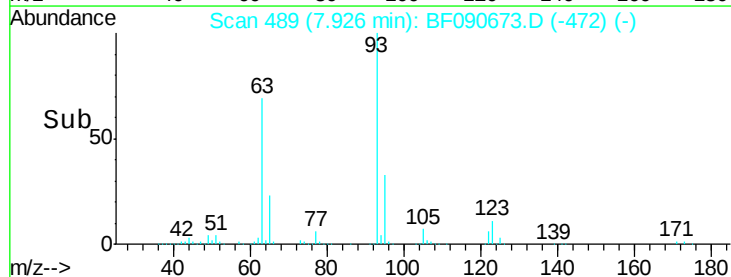
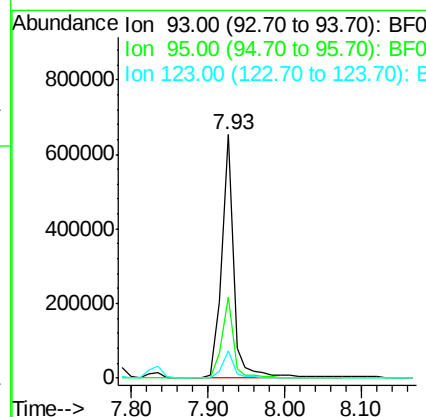
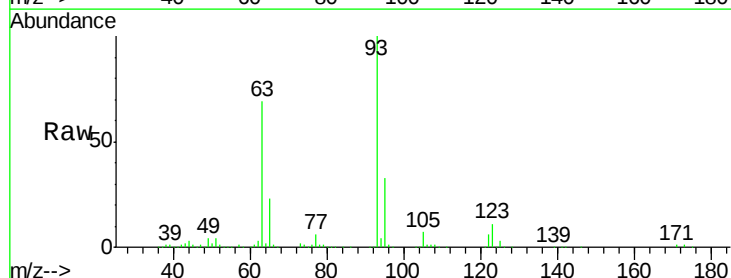
RT: 7.93 min Scan# 489

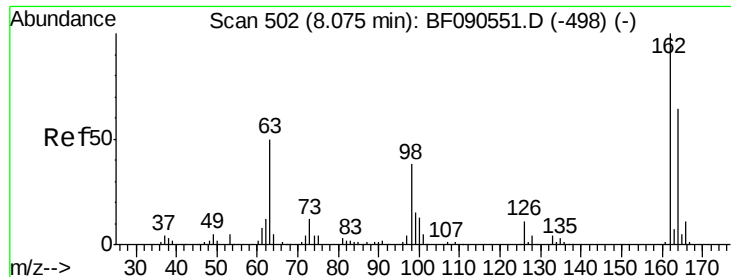
Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	93	Resp:	714741
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.2
123	11.2	8.6	13.0





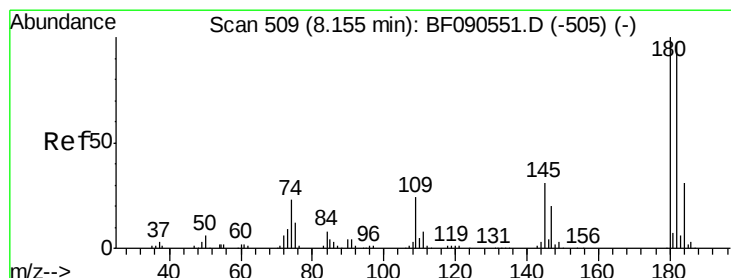
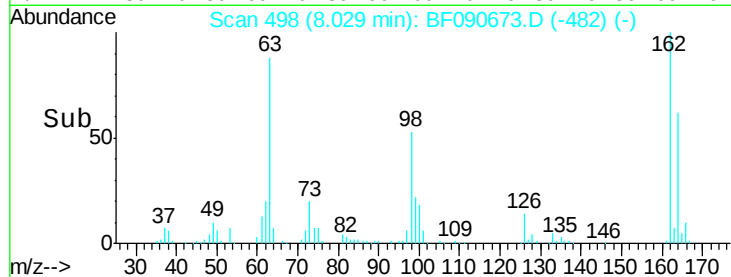
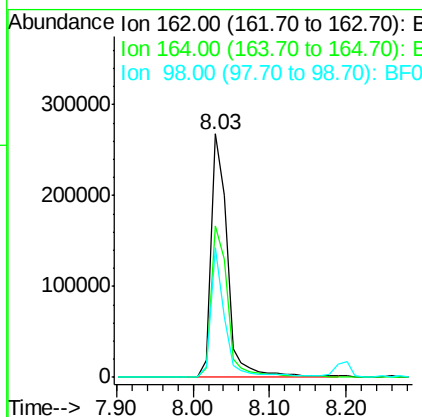
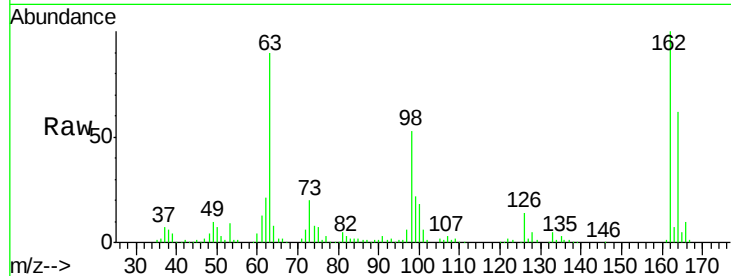
#29
2,4-Dichlorophenol
Concen: 29.17 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	44.0	84.0
98	53.1	18.0	58.0

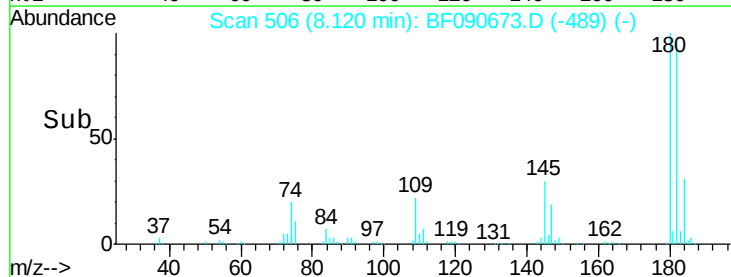
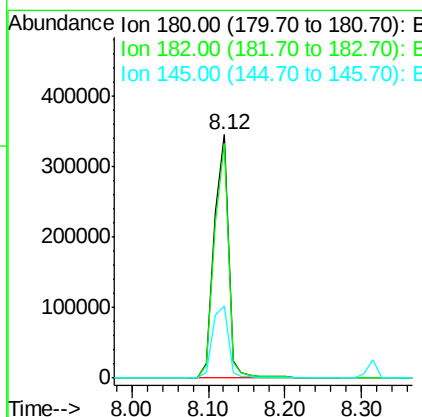
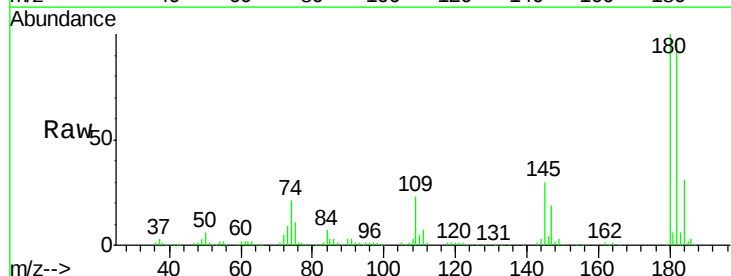
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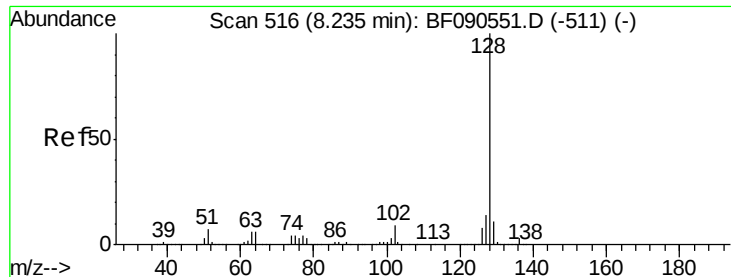
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#30
1,2,4-Trichlorobenzene
Concen: 28.17 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	77.2	115.8
145	29.6	24.4	36.6





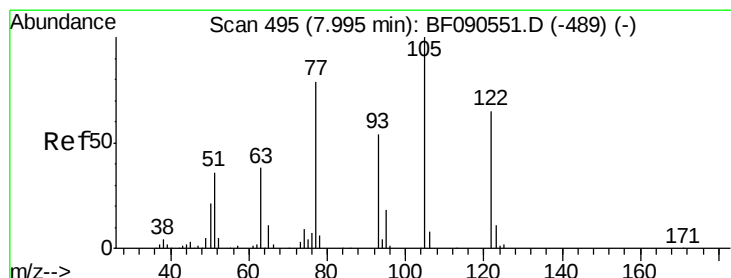
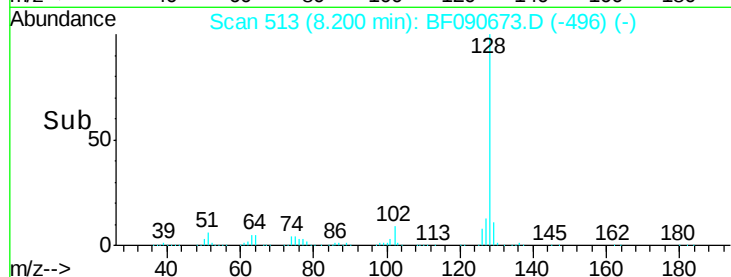
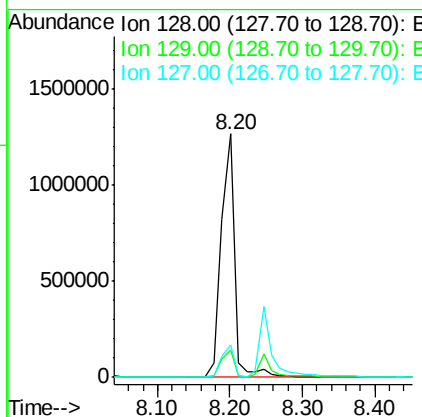
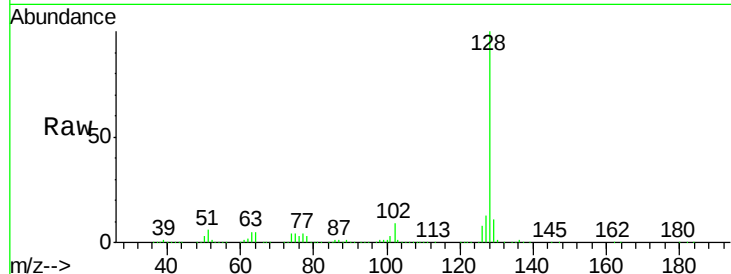
#31
Naphthalene
Concen: 28.88 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion:128 Resp: 1636330
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2

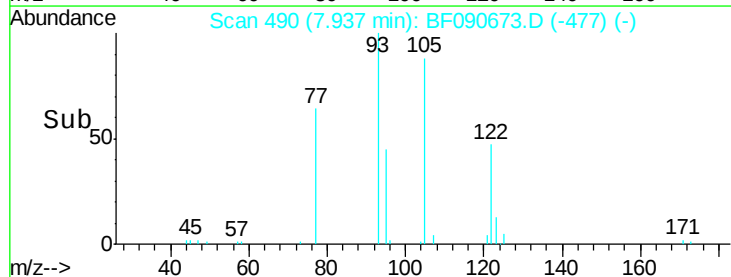
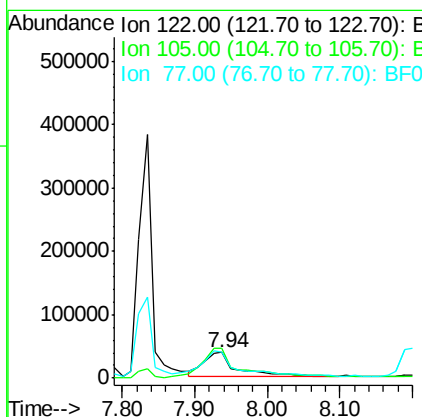
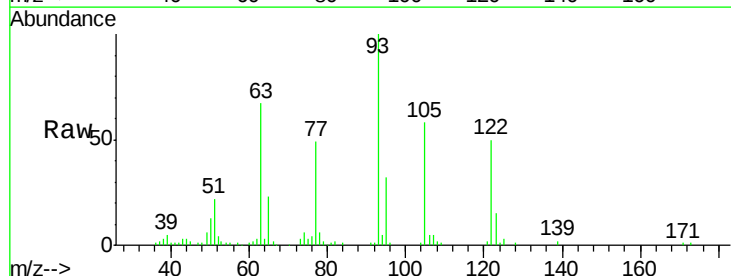
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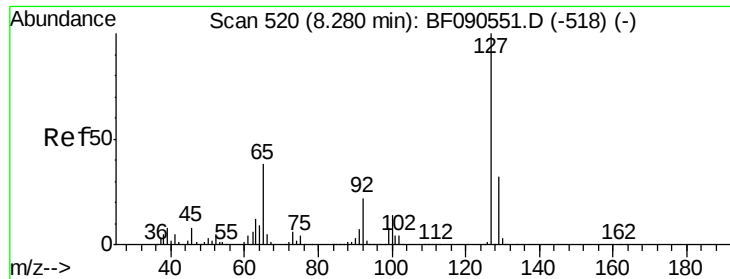
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#32
Benzoic acid
Concen: 12.71 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion:122 Resp: 120790
Ion Ratio Lower Upper
122 100
105 115.8 101.1 141.1
77 97.7 84.7 124.7





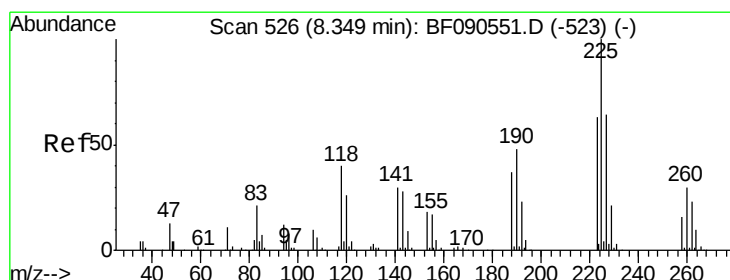
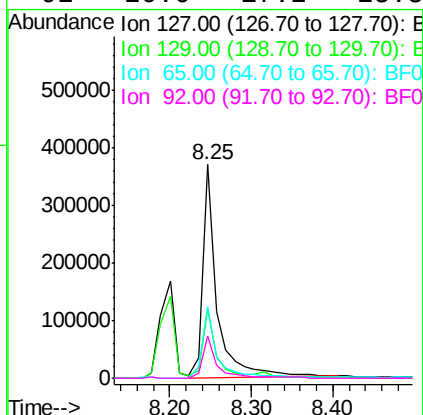
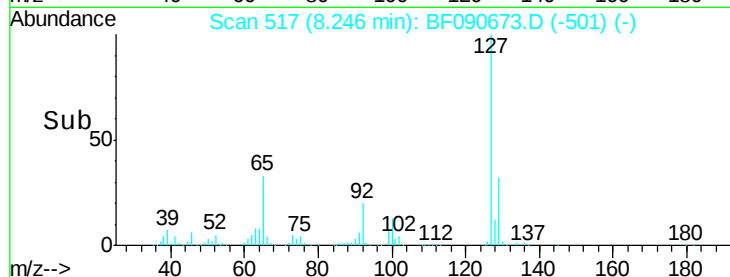
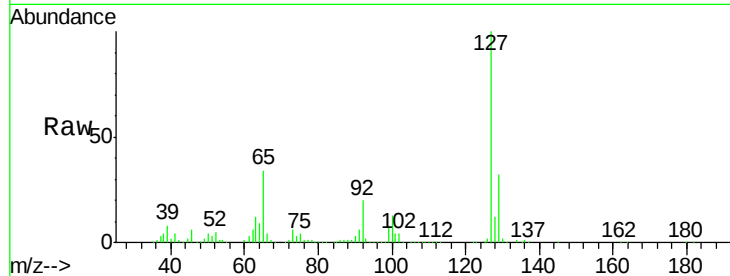
#33
4-Chloroaniline
Concen: 20.93 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		453265		
129	32.3	26.2	39.2		
65	33.8	30.1	45.1		
92	20.0	17.2	25.8		

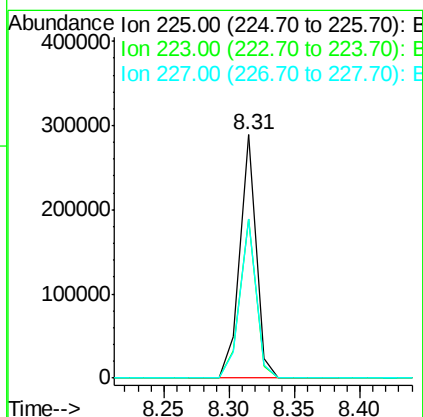
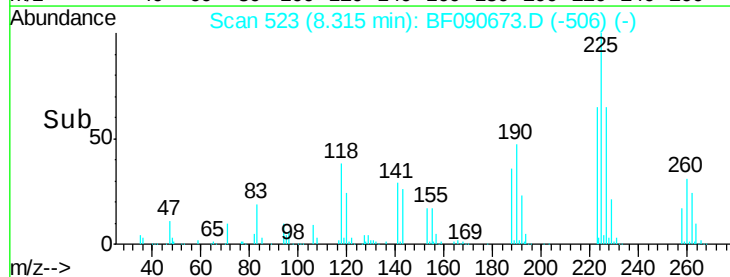
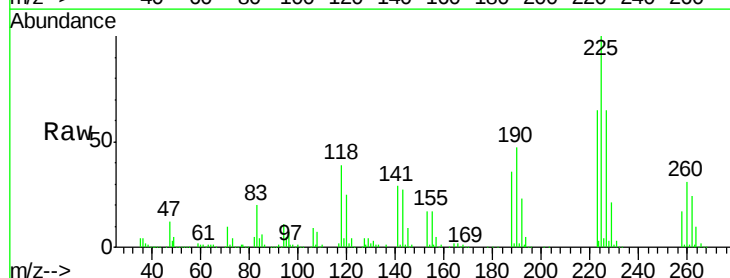
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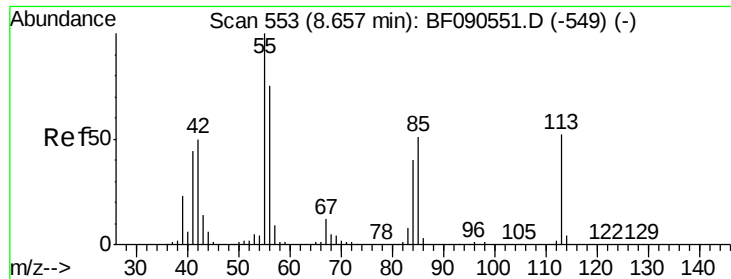
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#34
Hexachlorobutadiene
Concen: 28.12 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		249380		
223	65.3	50.6	76.0		
227	65.4	51.4	77.2		





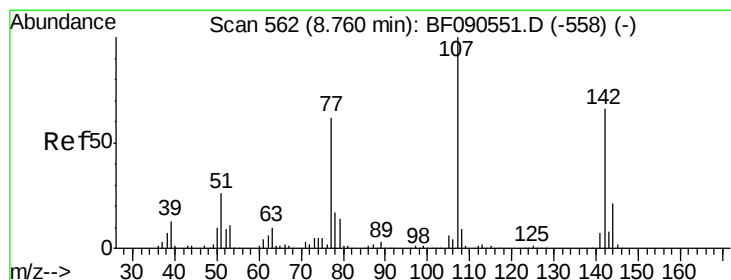
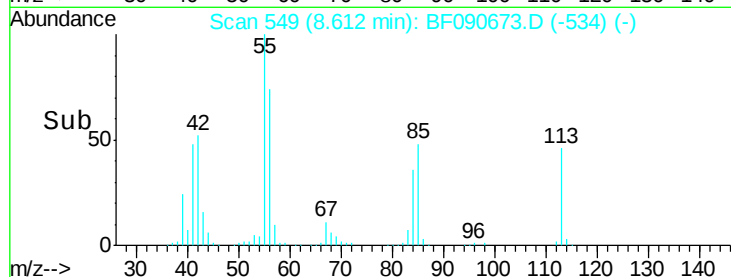
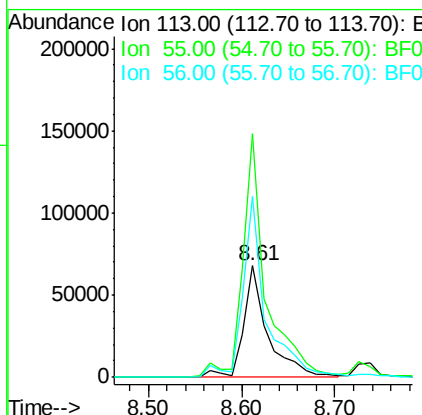
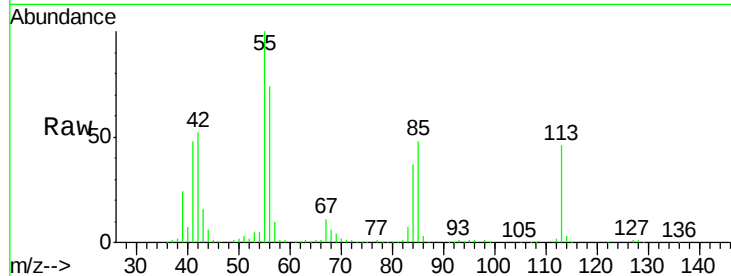
#35
 Caprolactam
 Concen: 32.48 ng
 RT: 8.61 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleID :
 PB94170BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.2	170.8	210.8#
56	161.7	122.4	162.4

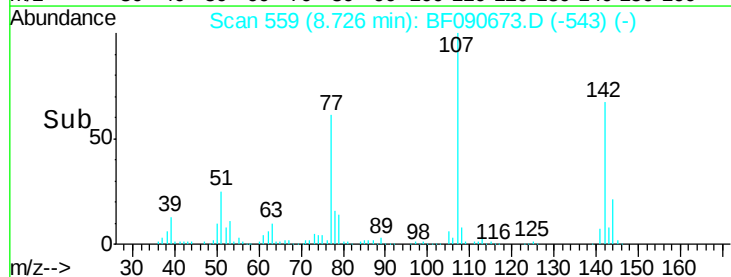
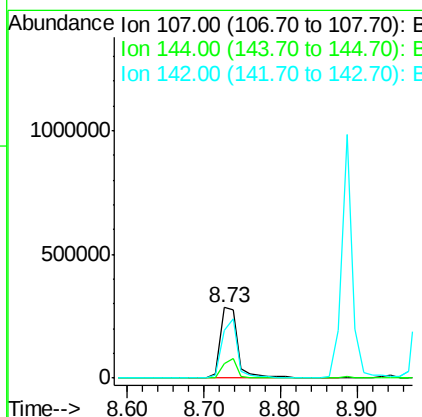
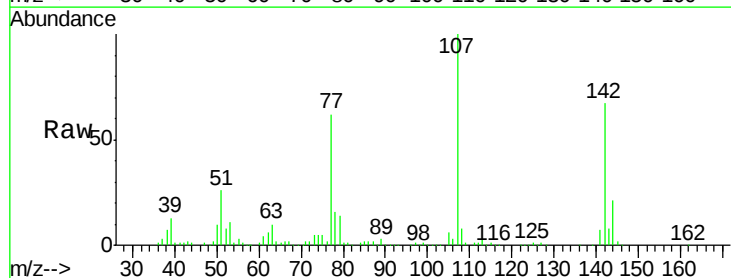
Manual Integrations
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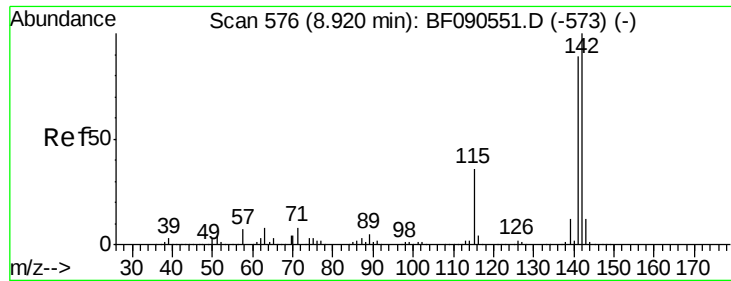
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#36
 4-Chloro-3-methylphenol
 Concen: 29.63 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	16.9	25.3
142	67.1	52.5	78.7





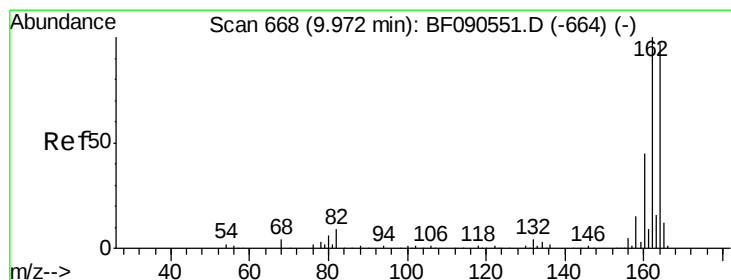
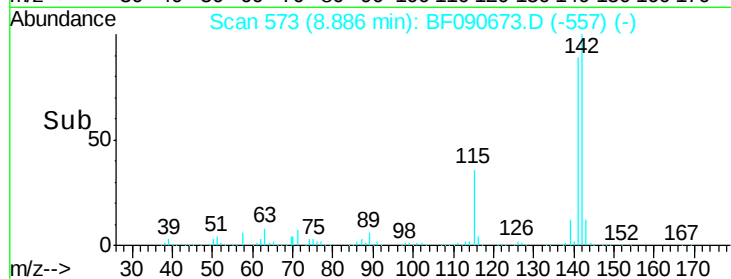
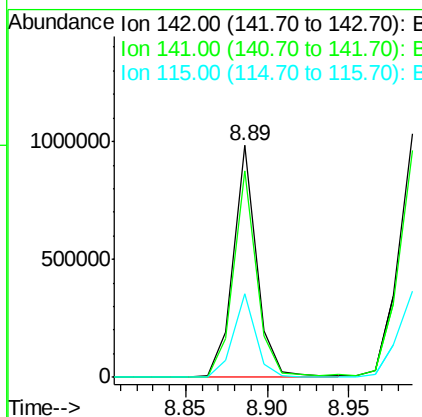
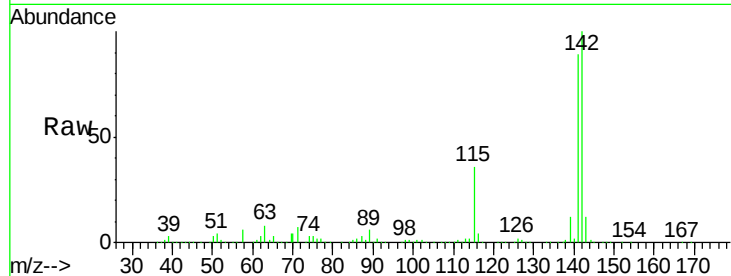
#37
2-Methylnaphthalene
Concen: 29.16 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	970445		
141	89.1		71.3	106.9
115	36.3		28.8	43.2

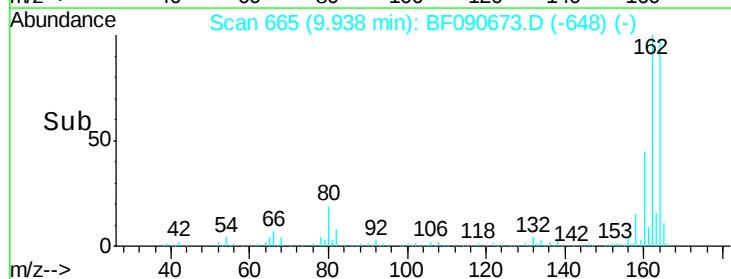
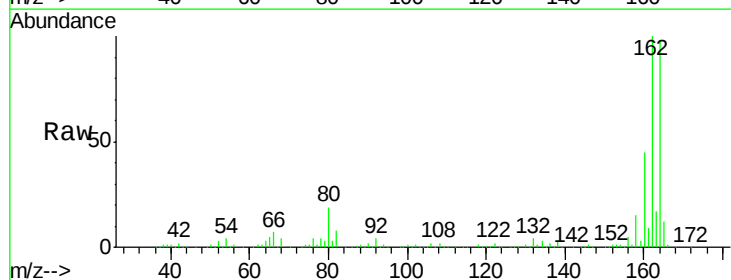
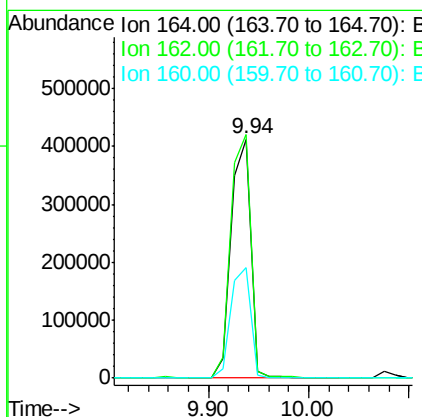
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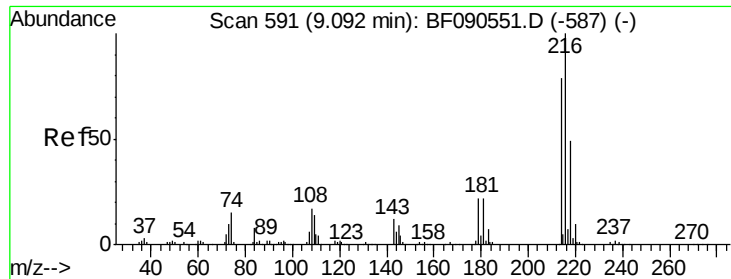
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	563715		
162	101.9		82.2	123.4
160	46.2		36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.93 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

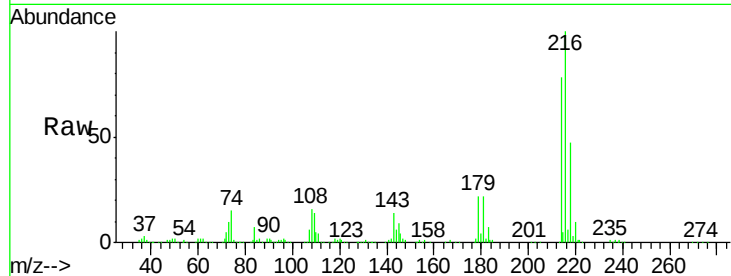
ClientSampleId :

PB94170BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		462305		
214	78.7		63.5	95.3	
179	23.1		18.9	28.3	
108	21.7		17.8	26.6	

Manual Integrations
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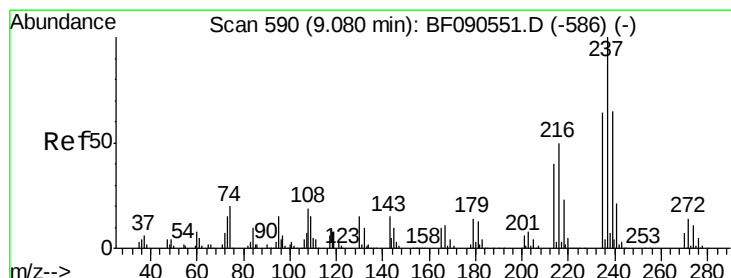
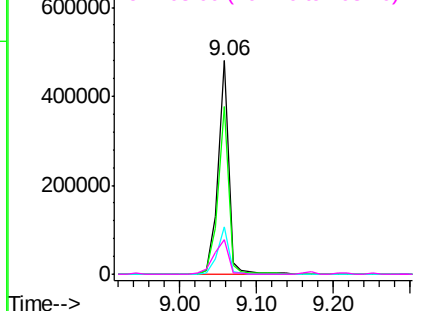
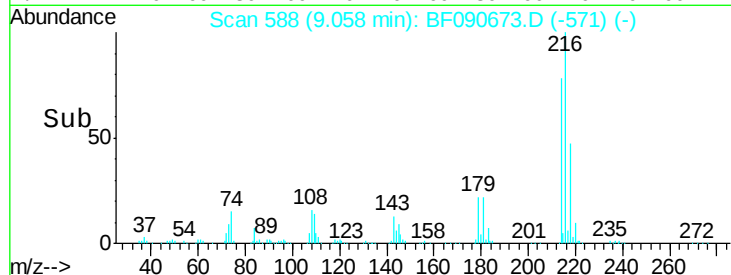


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.45 ng

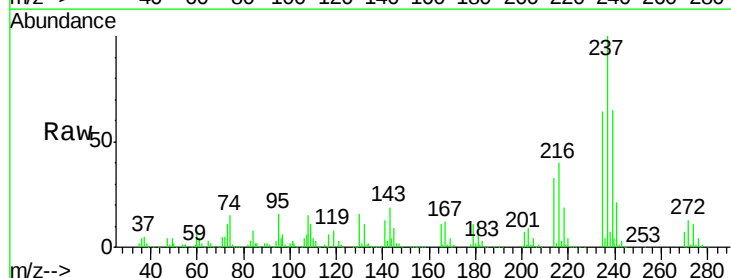
RT: 9.05 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

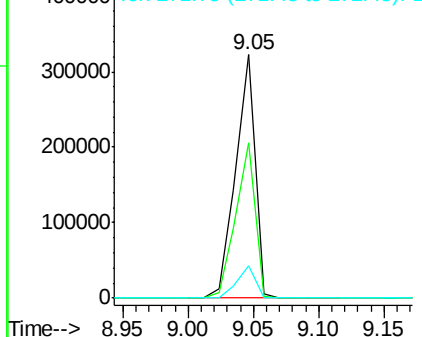
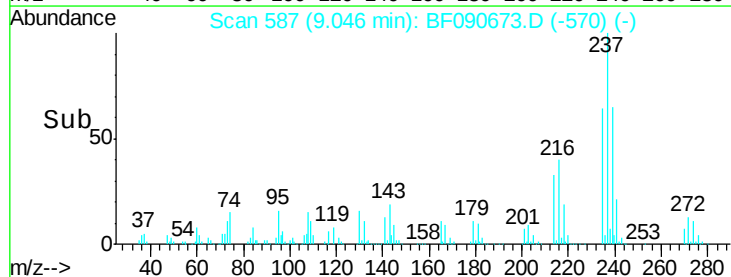
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		331851		
235	63.8		43.8	83.8	
272	13.1		0.0	33.7	

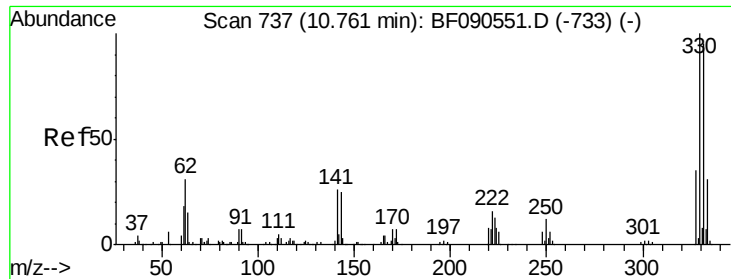


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





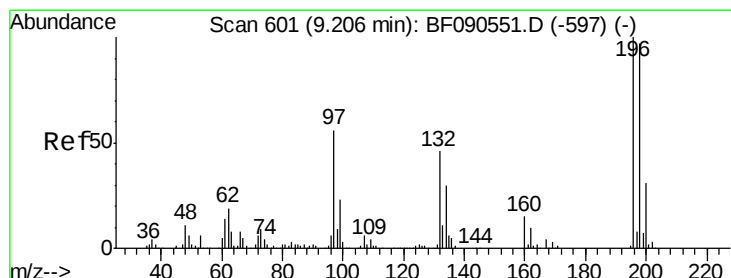
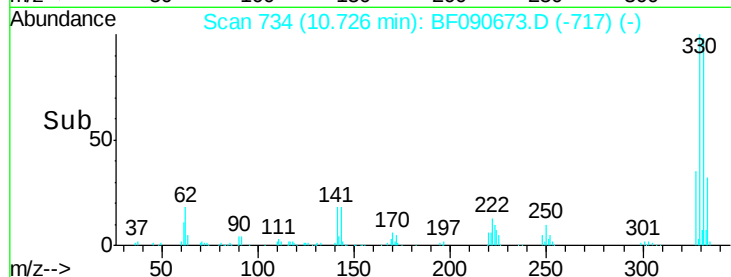
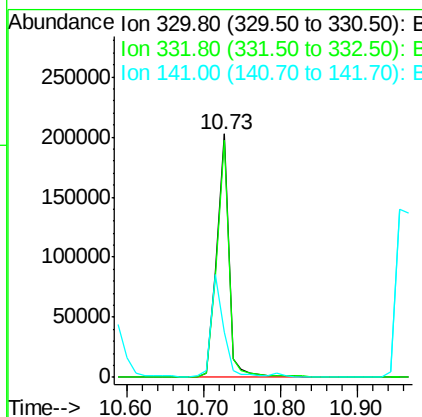
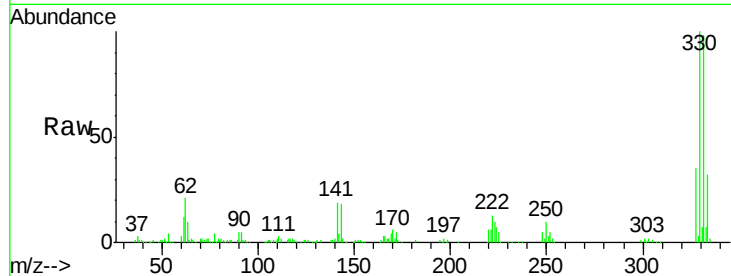
#41
 2,4,6-Tribromophenol
 Concen: 45.28 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227588		
332	96.5	76.2	114.2	
141	41.8	31.4	47.2	

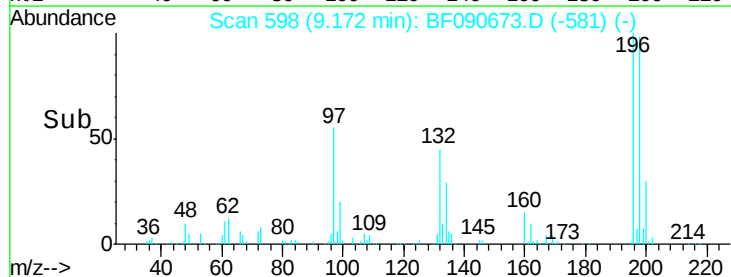
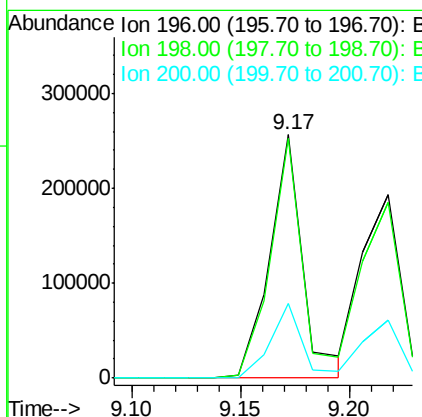
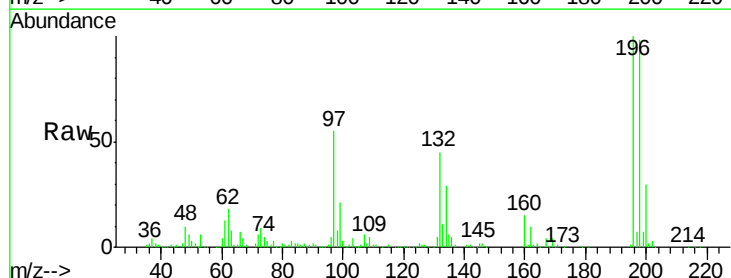
Manual Integrations
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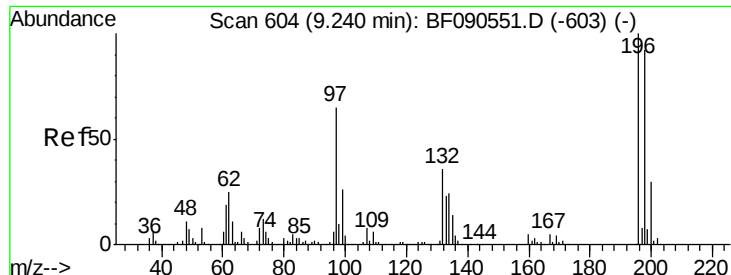
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#42
 2,4,6-Trichlorophenol
 Concen: 32.50 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273963		
198	98.4	77.9	116.9	
200	30.4	25.1	37.7	





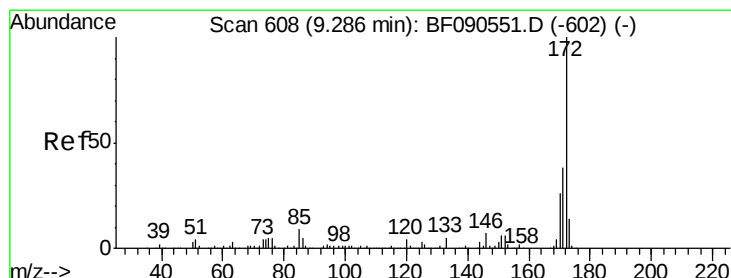
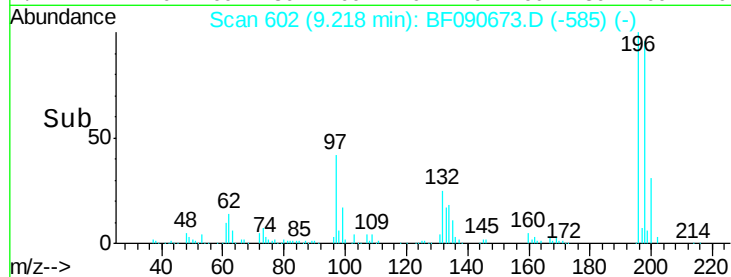
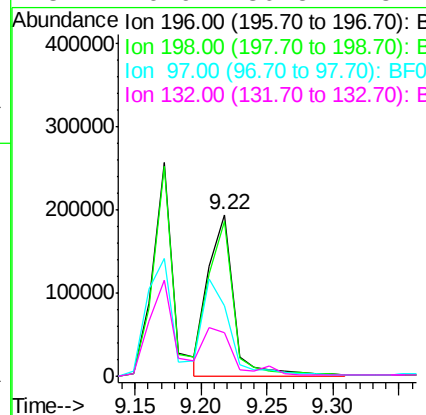
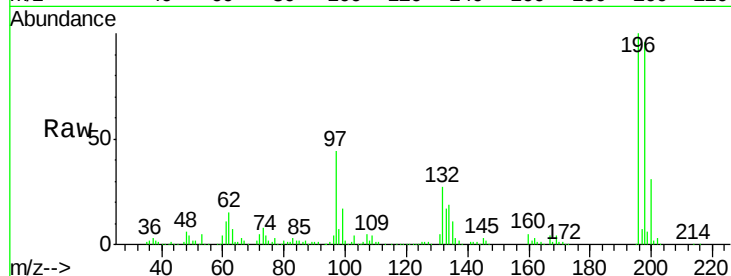
#43
 2,4,5-Trichlorophenol
 Concen: 26.37 ng/ml
 RT: 9.22 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion:	196	Resp:	265212
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.0	111.0
97	43.8	54.7	82.1#
132	26.9	30.5	45.7#

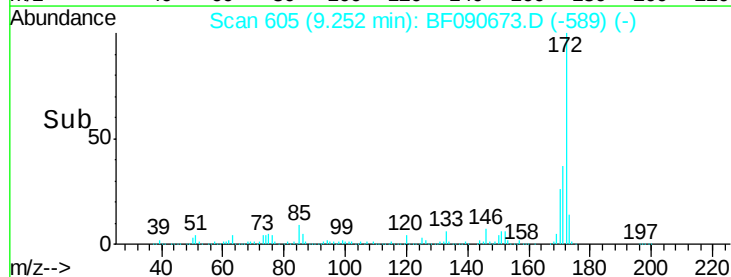
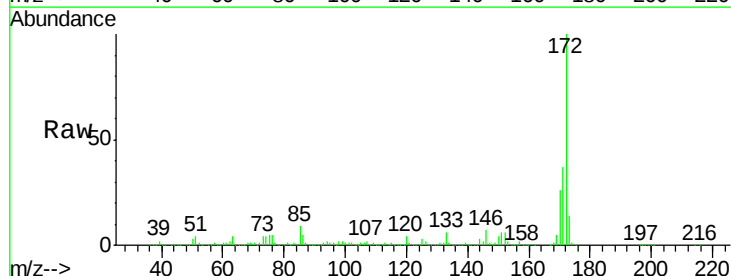
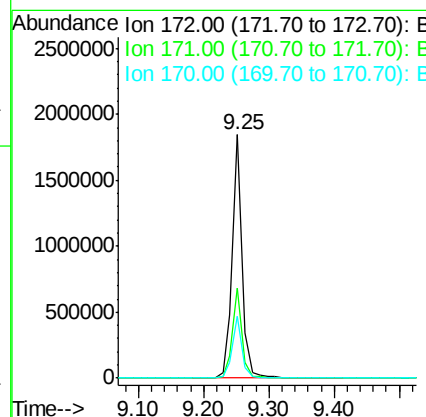
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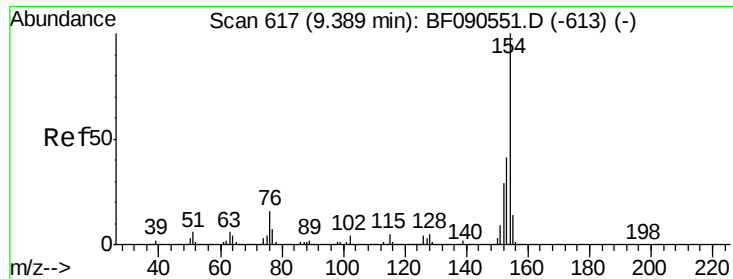
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#44
 2-Fluorobiphenyl
 Concen: 56.89 ng/ml
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion:	172	Resp:	1946392
Ion Ratio	Lower	Upper	
172	100		
171	37.2	30.1	45.1
170	25.6	20.6	30.8





#45

1,1'-Biphenyl

Concen: 29.65 ng

RT: 9.35 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB94170BSD

Tot Ion:154 Resp: 1271700

Ion Ratio Lower Upper

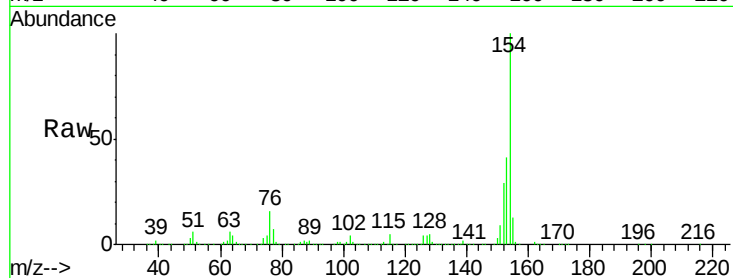
154 100

153 41.5 21.5 61.5

76 15.7 0.0 36.0

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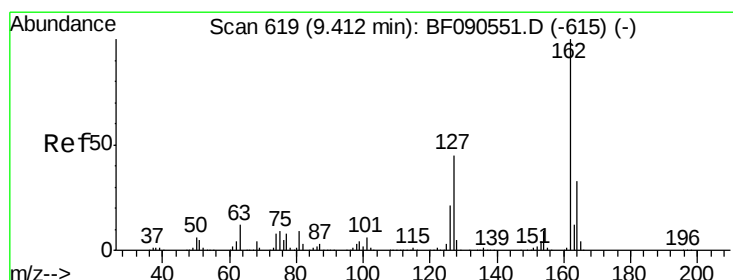
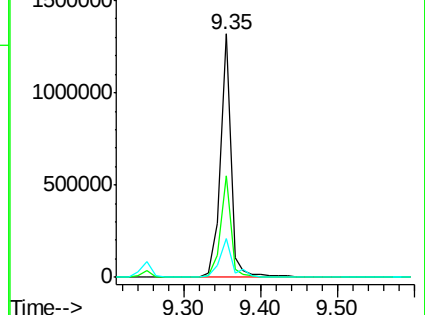
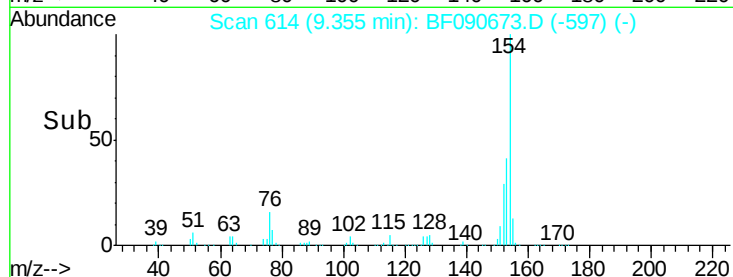
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 30.27 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

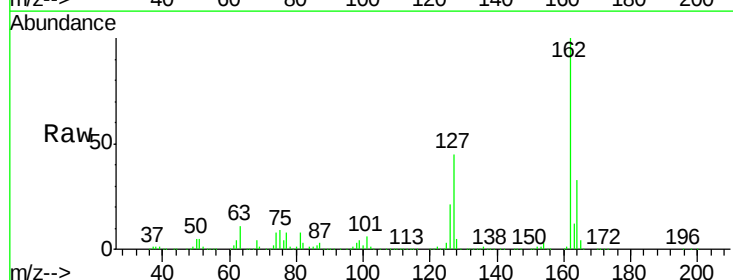
Tgt Ion:162 Resp: 968034

Ion Ratio Lower Upper

162 100

127 44.7 35.9 53.9

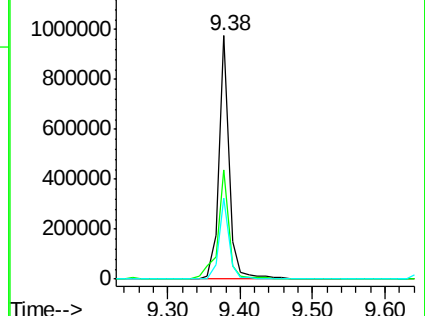
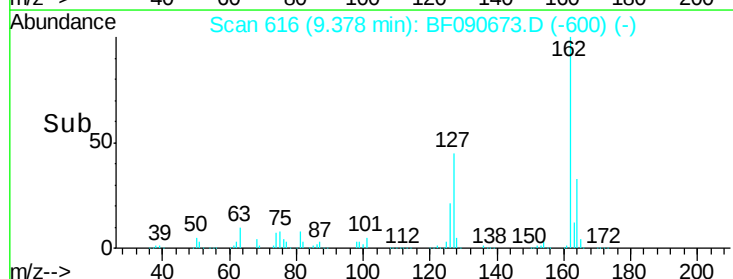
164 33.4 26.7 40.1

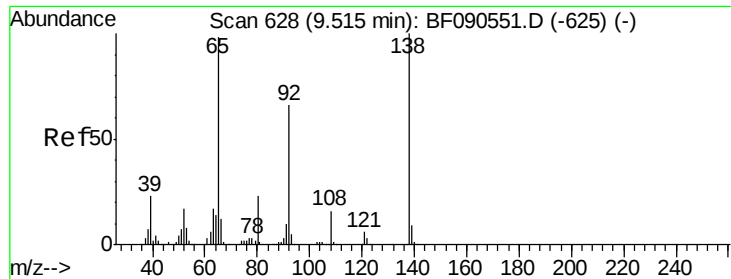


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





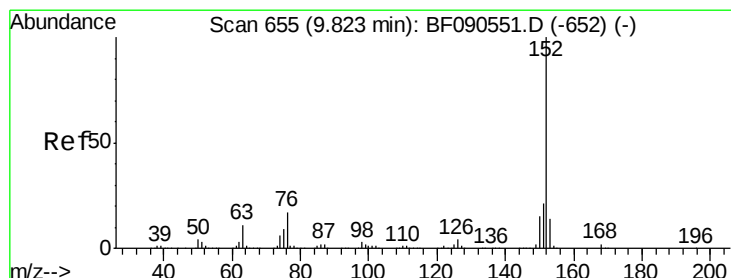
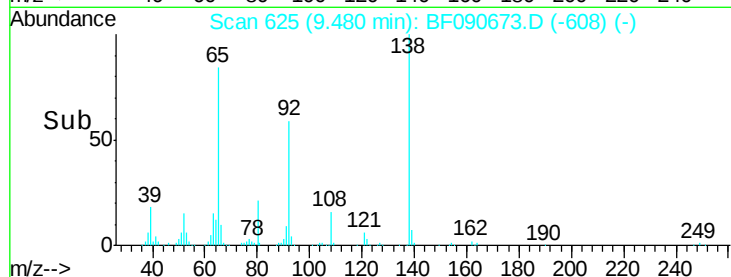
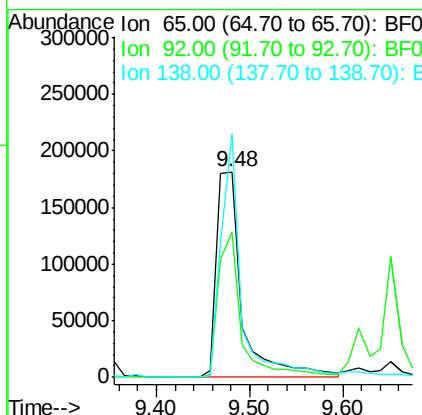
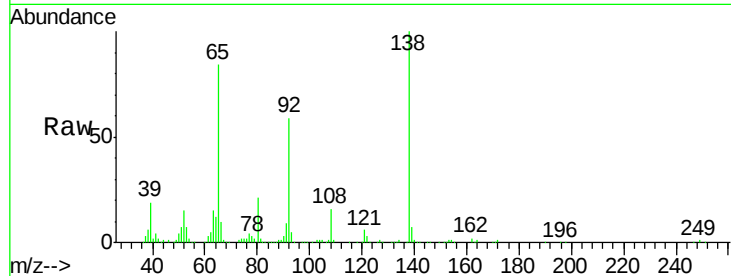
#47
2-Nitroaniline
Concen: 29.61 ng
RT: 9.48 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.3	81.5
138	118.6	81.7	122.5

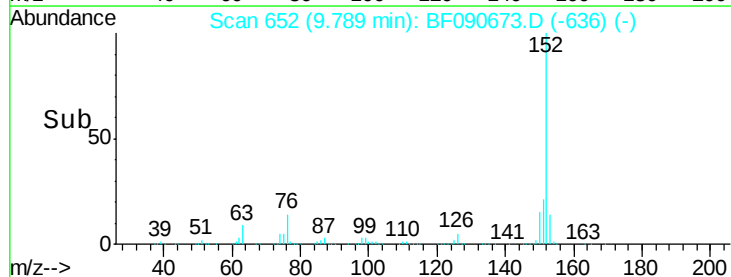
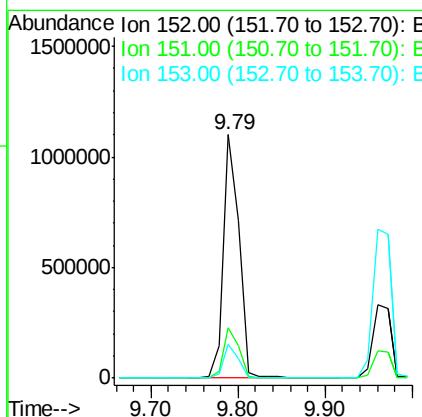
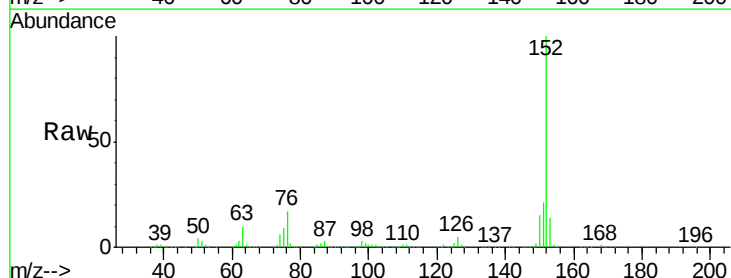
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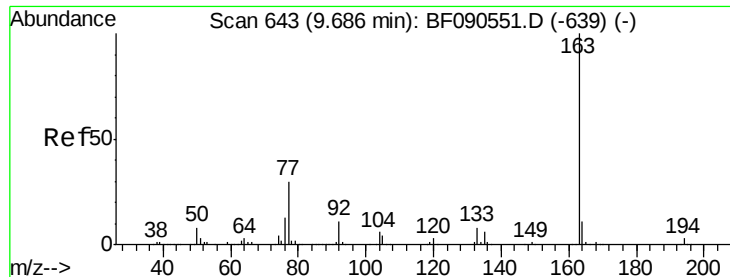
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#48
Acenaphthylene
Concen: 27.23 ng
RT: 9.79 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 27.78 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB94170BSD

Tot Ion:163 Resp: 1015924

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

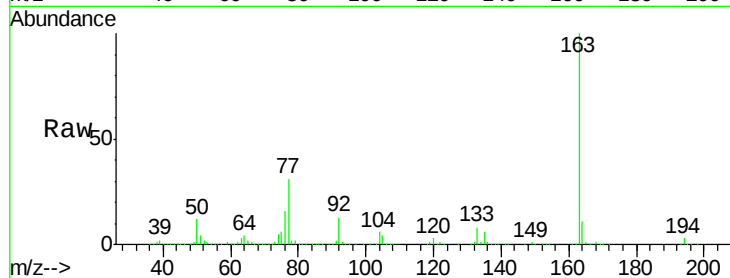
164 10.9 8.6 13.0

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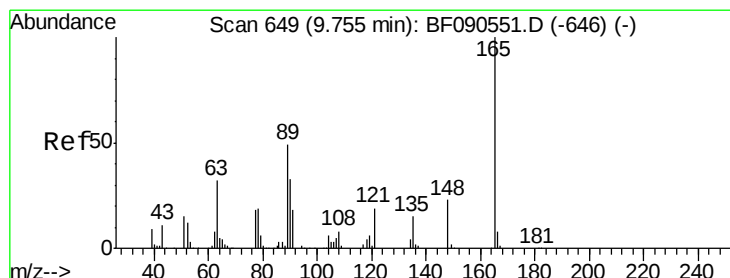
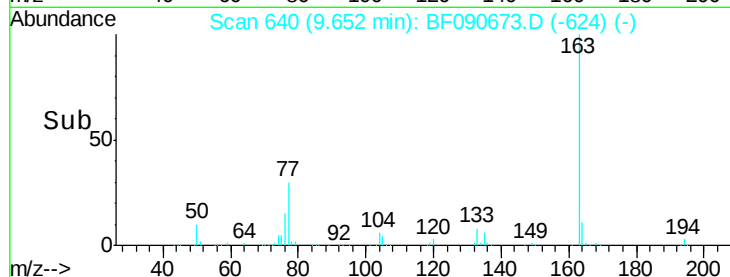
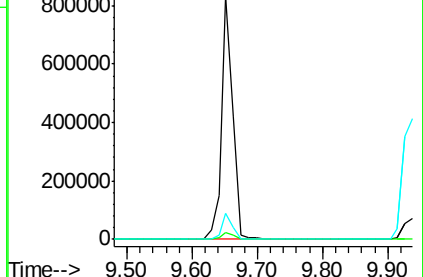
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.56 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

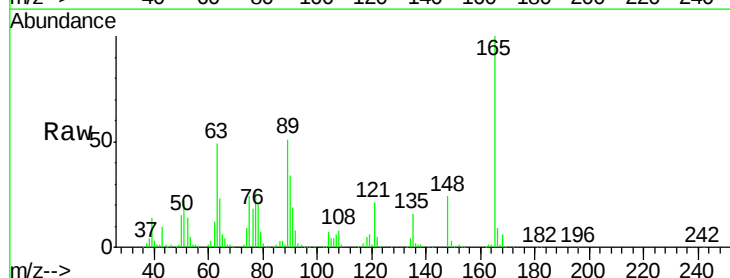
Tgt Ion:165 Resp: 244536

Ion Ratio Lower Upper

165 100

63 48.6 40.1 60.1

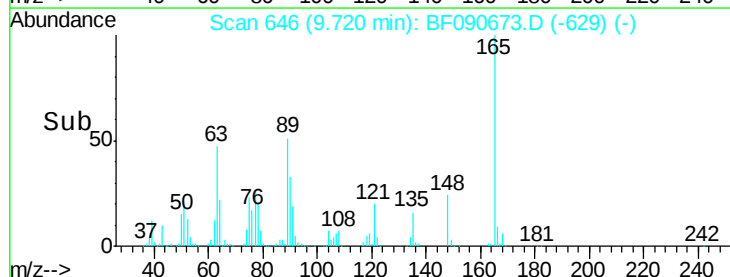
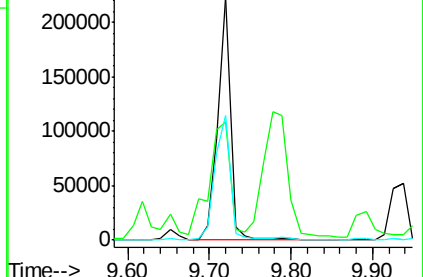
89 50.9 39.5 59.3

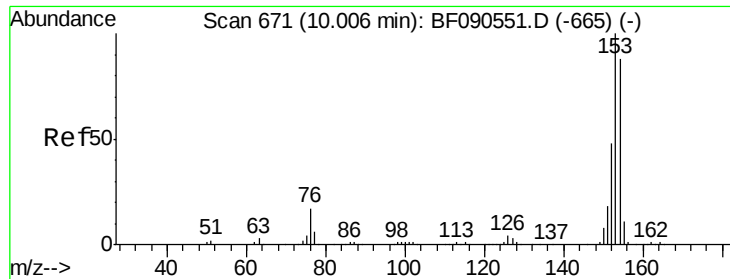


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.56 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

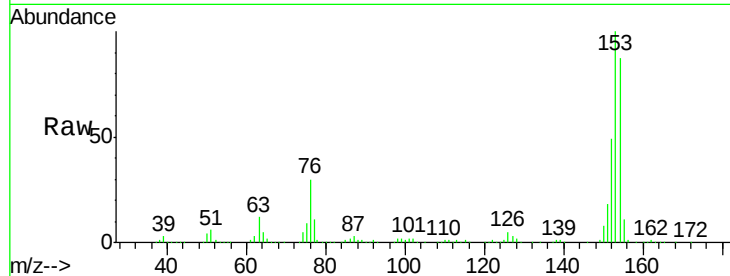
ClientSampleId :

PB94170BSD

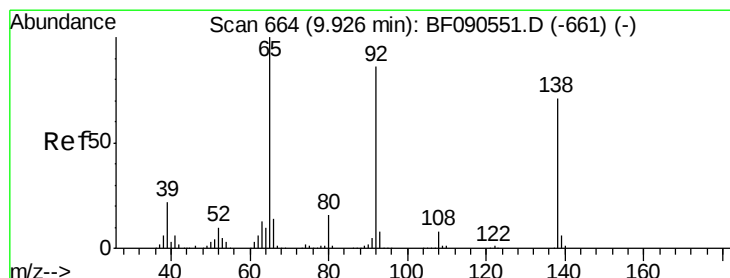
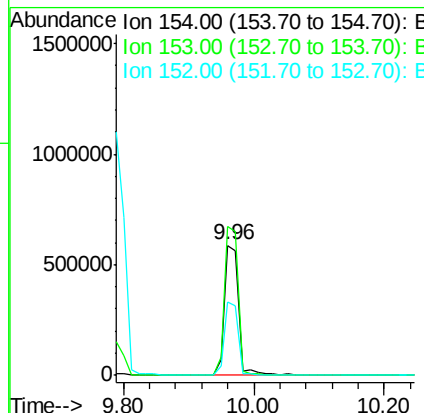
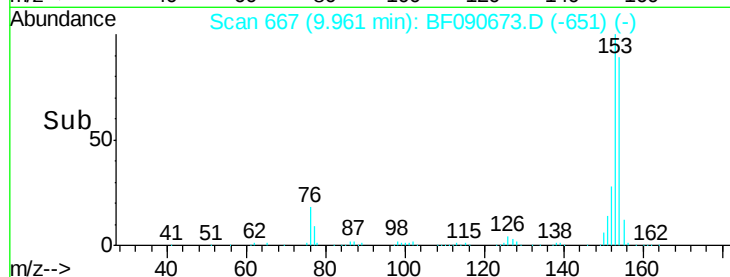
Tot Ion:	154	Resp:	899280
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	56.5	44.0	66.0

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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: 22.58 ng

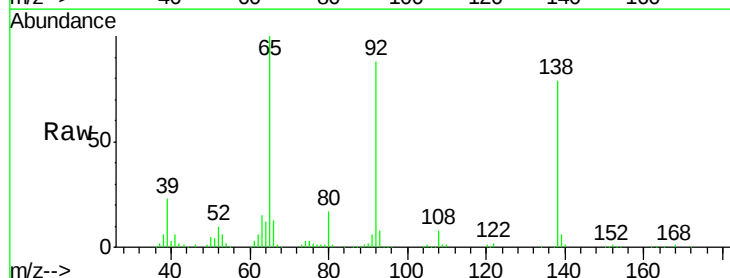
RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

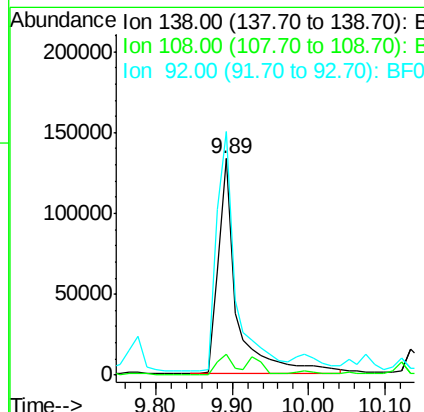
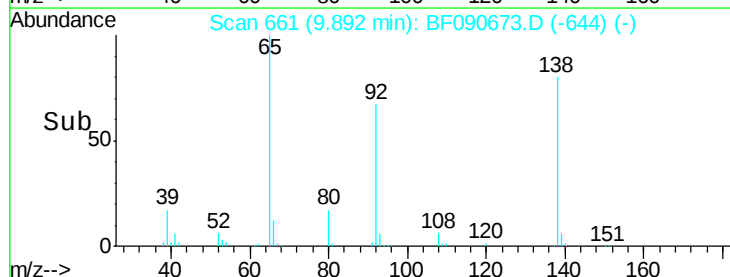
Lab File: BF090673.D

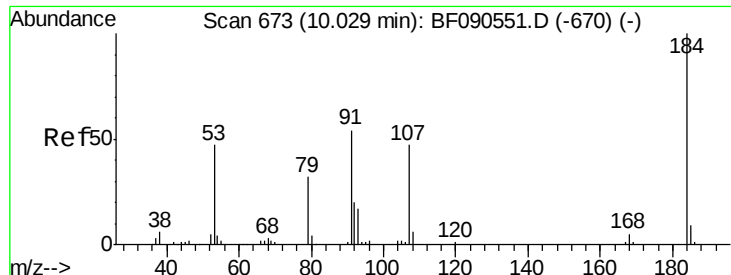
Acq: 20 Oct 2016 4:22

Tgt Ion:	138	Resp:	226736
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.6	12.8
92	112.4	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





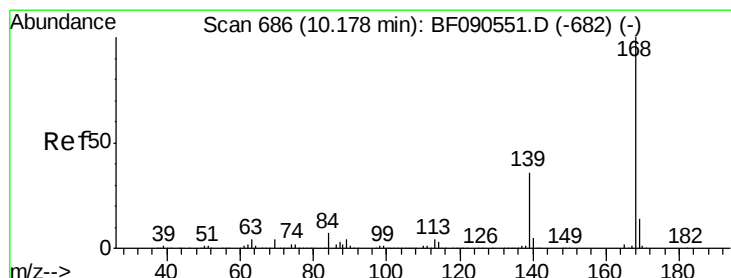
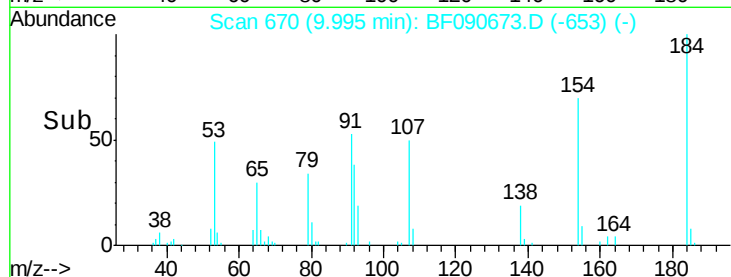
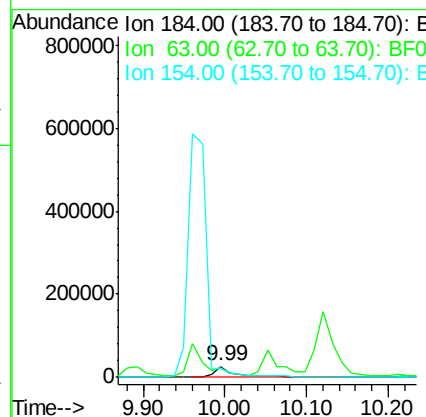
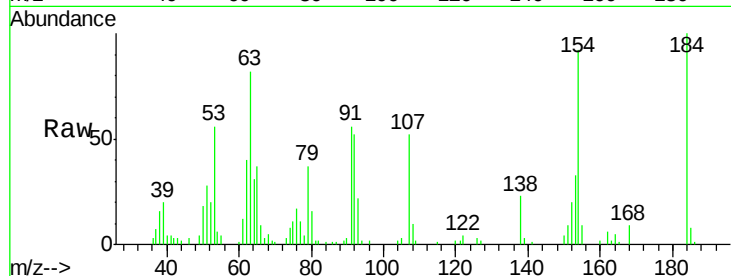
#53
 2,4-Dinitrophenol
 Concen: 16.02 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampled :
 PB94170BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	48365		
63	82.4	60.2	90.2	
154	91.7	86.1	129.1	

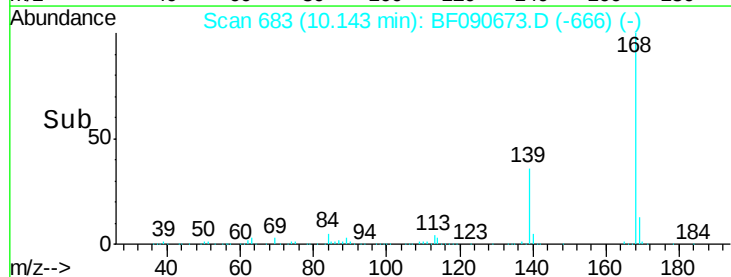
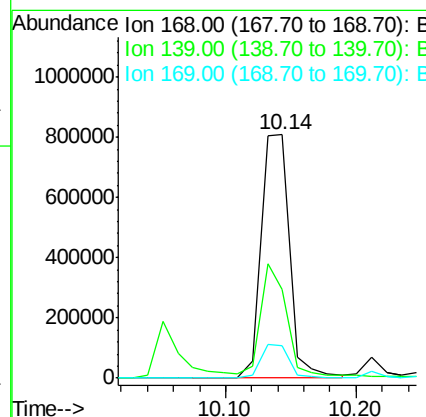
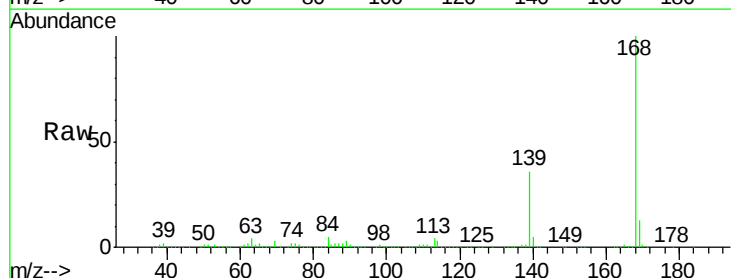
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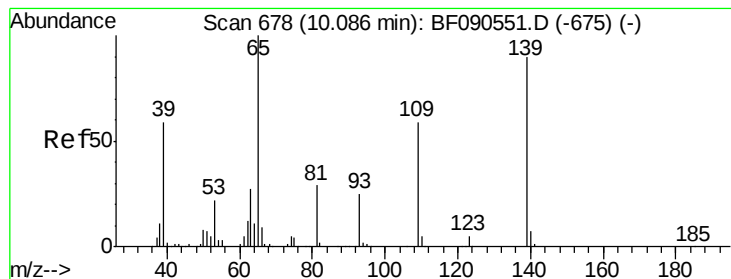
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#54
 Dibenzofuran
 Concen: 27.55 ng
 RT: 10.14 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1226902		
139	36.5	30.5	45.7	
169	13.3	10.9	16.3	





#55

4-Nitrophenol

Concen: 41.64 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

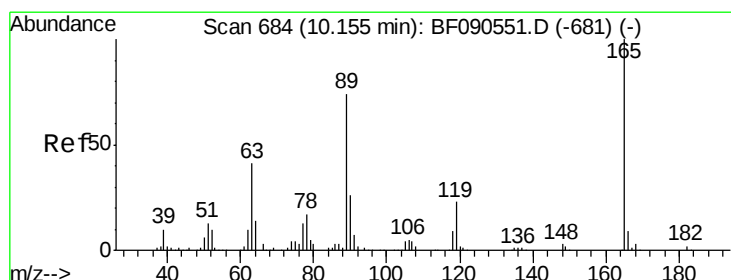
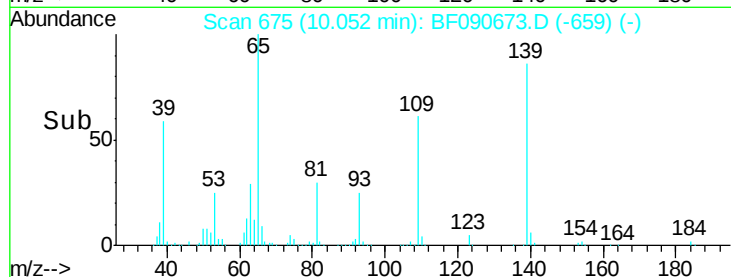
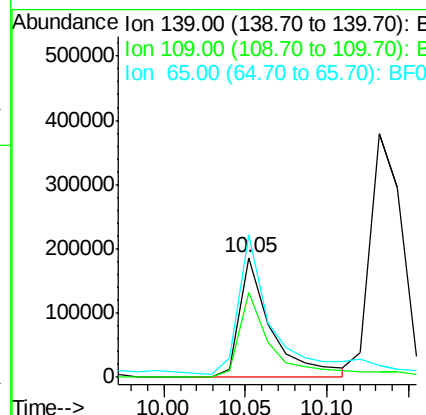
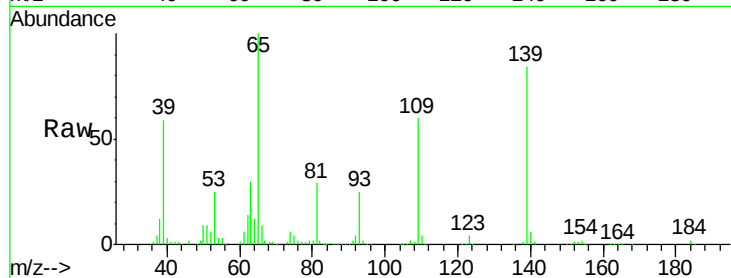
ClientSampleId :

PB94170BSD

Tot Ion:	139	Resp:	251657
Ion Ratio	Lower	Upper	
139	100		
109	70.7	45.9	85.9
65	118.7	95.8	135.8

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#56

2,4-Dinitrotoluene

Concen: 29.70 ng

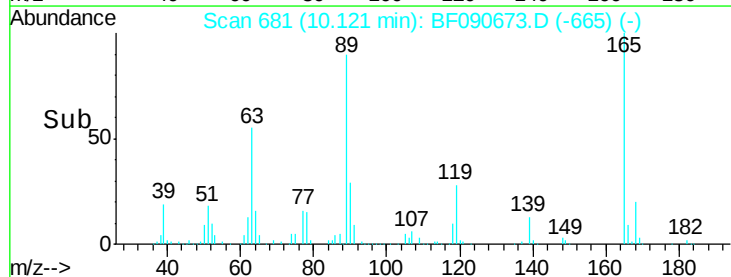
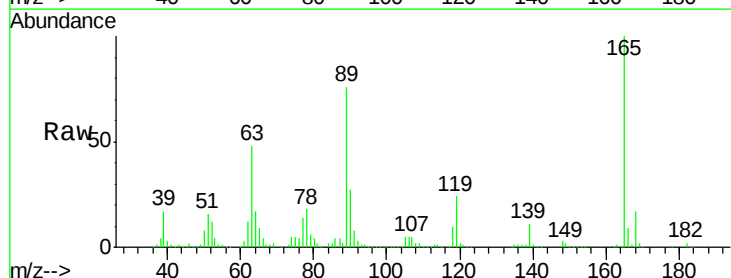
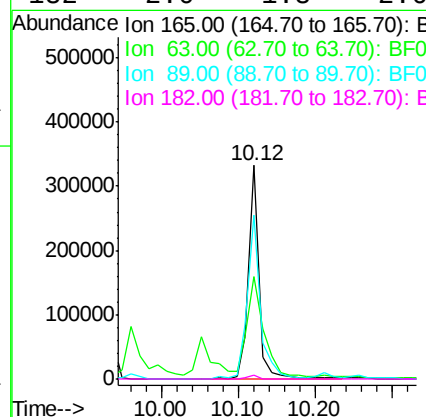
RT: 10.12 min Scan# 681

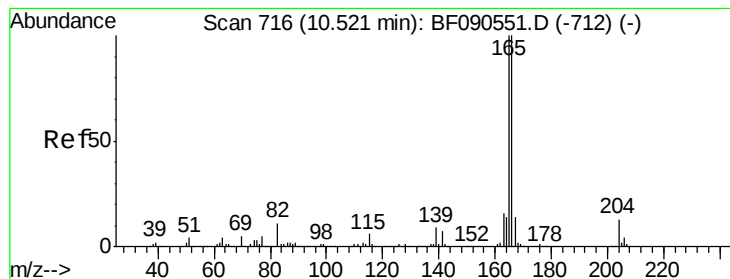
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	165	Resp:	322822
Ion Ratio	Lower	Upper	
165	100		
63	47.8	35.4	53.0
89	76.5	59.0	88.4
182	2.0	1.8	2.6





#57

Fluorene

Concen: 27.10 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

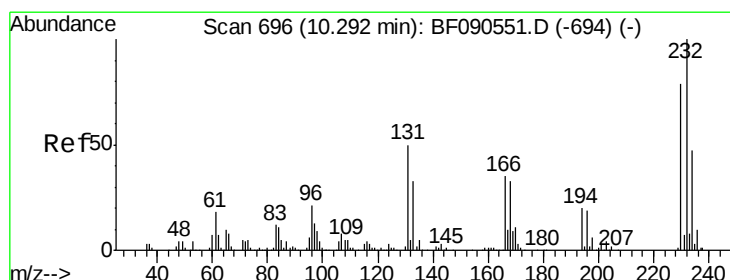
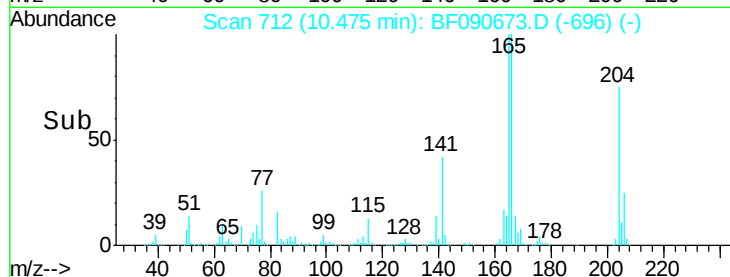
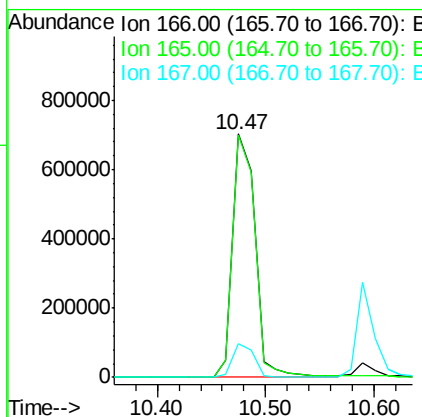
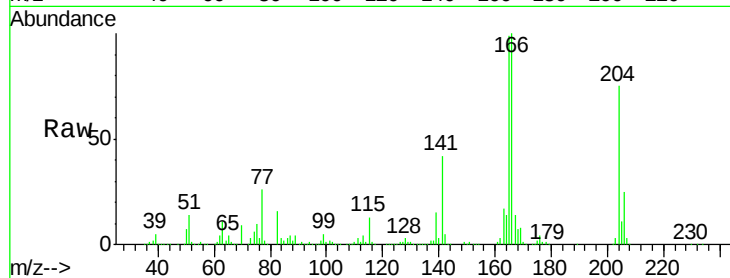
ClientSampleId :

PB94170BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	995346		
165	99.5	79.9	119.9	
167	13.9	10.9	16.3	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 24.72 ng

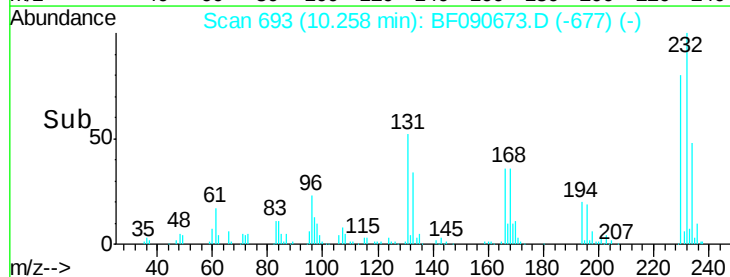
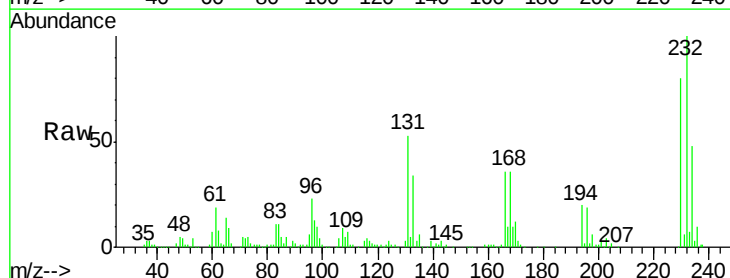
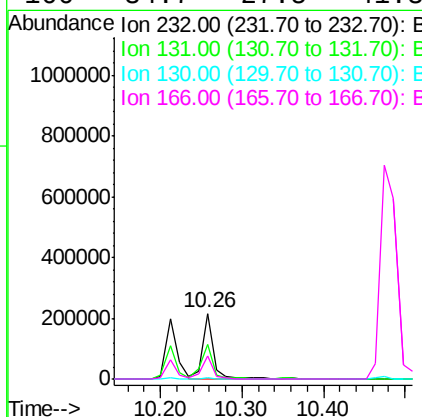
RT: 10.26 min Scan# 693

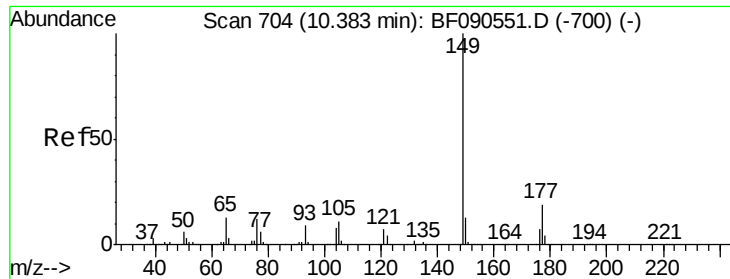
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	207037		
131	56.9	42.6	64.0	
130	2.7	1.8	2.8	
166	34.7	27.5	41.3	





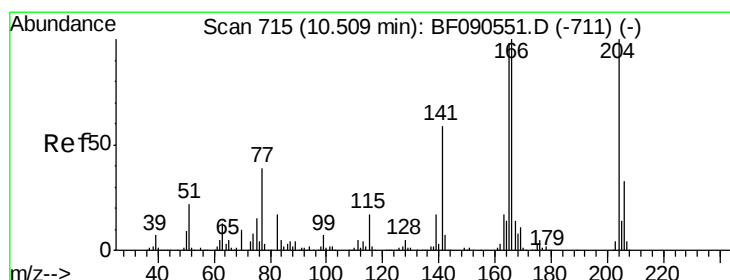
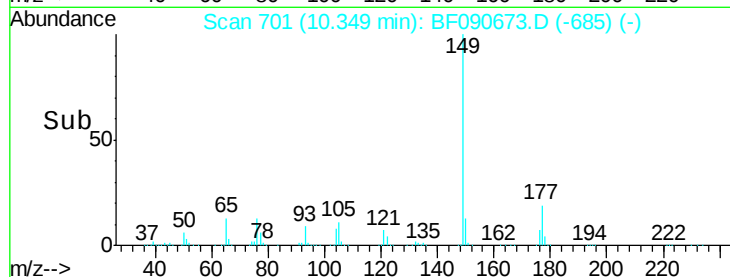
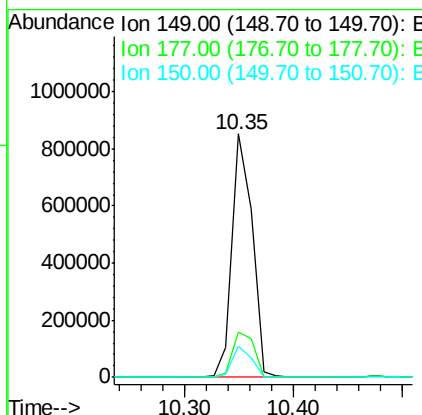
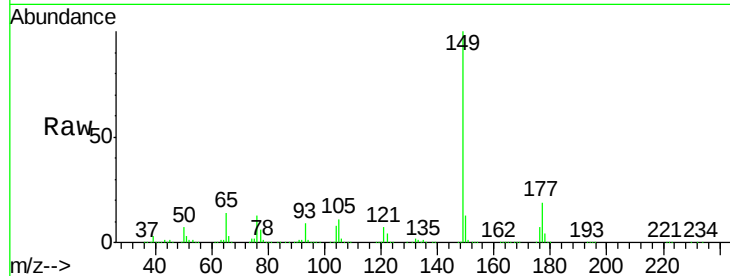
#59
Diethylphthalate
Concen: 29.31 ng
RT: 10.35 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion:149 Resp: 1087100
Ion Ratio Lower Upper
149 100
177 18.7 15.3 22.9
150 13.0 10.3 15.5

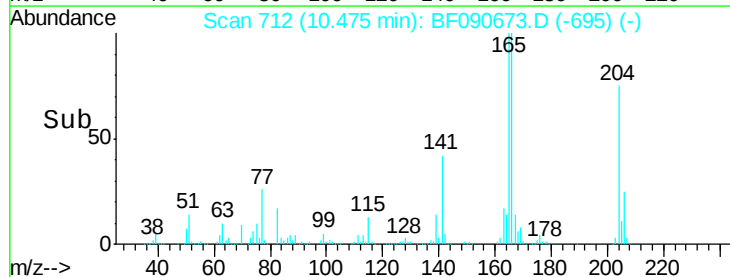
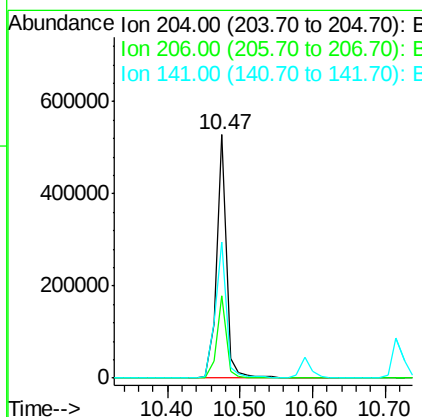
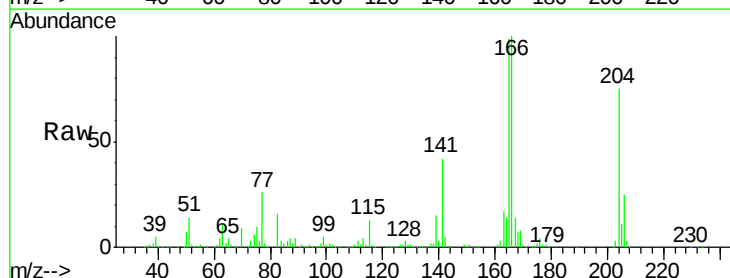
Manual Integrations
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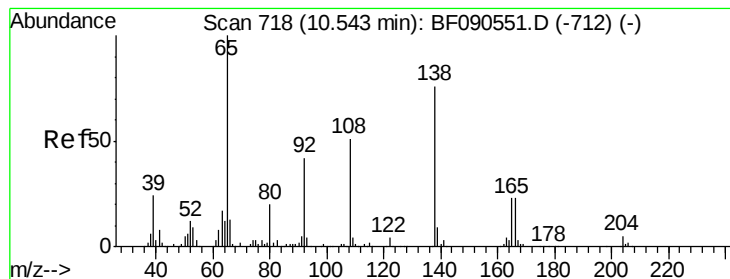
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 28.84 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion:204 Resp: 499350
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 55.9 47.2 70.8





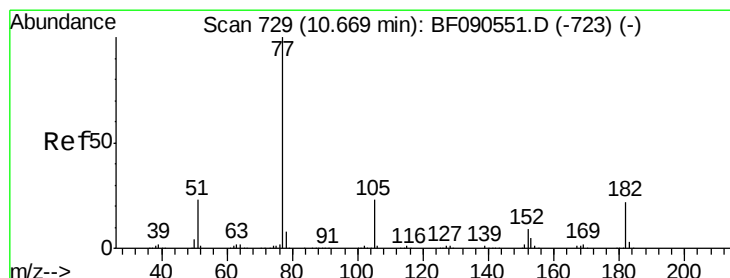
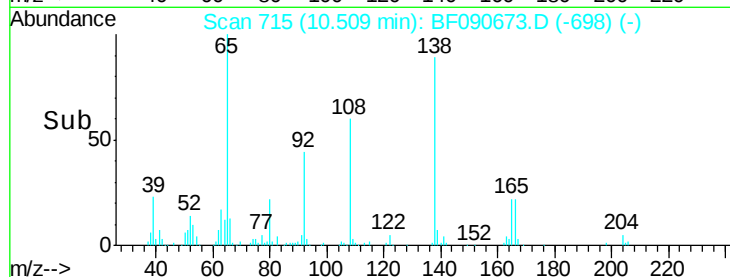
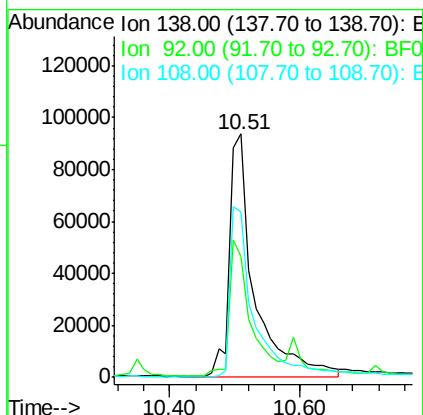
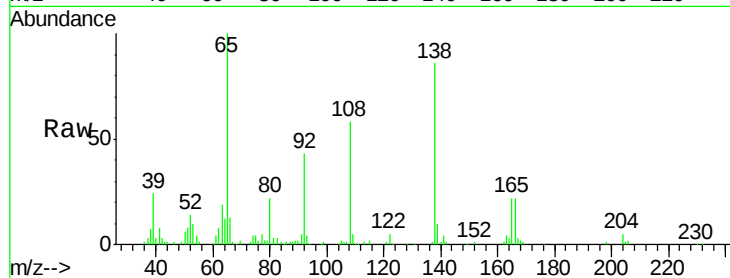
#61
4-Nitroaniline
Concen: 24.85 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	35.7	75.7
108	67.9	46.9	86.9

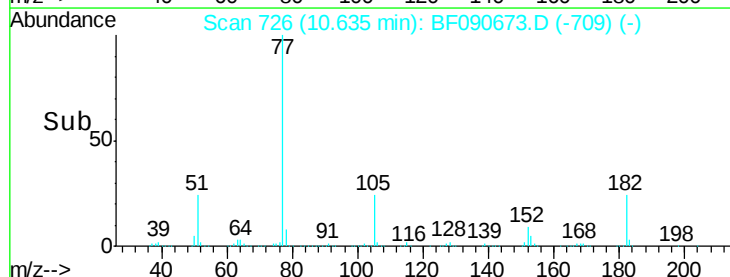
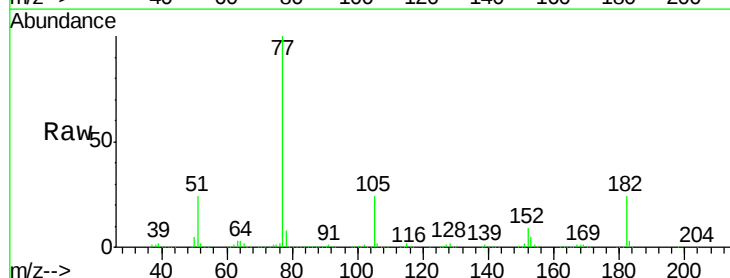
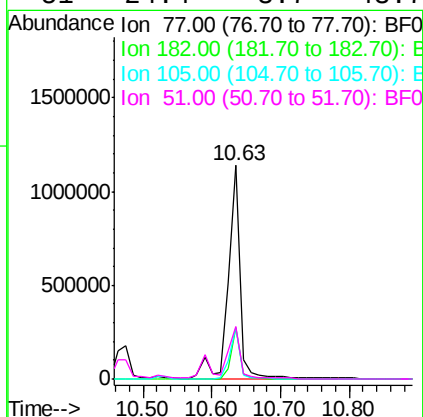
Manual Integrations
APPROVED

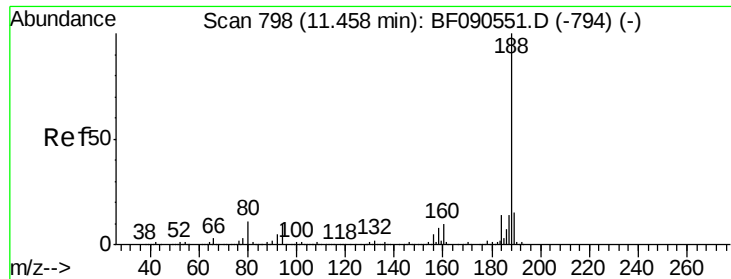
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#62
Azobenzene
Concen: 32.67 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	2.2	42.2
105	24.1	3.5	43.5
51	24.4	3.7	43.7





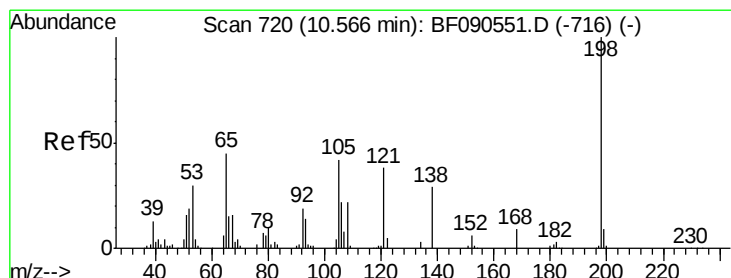
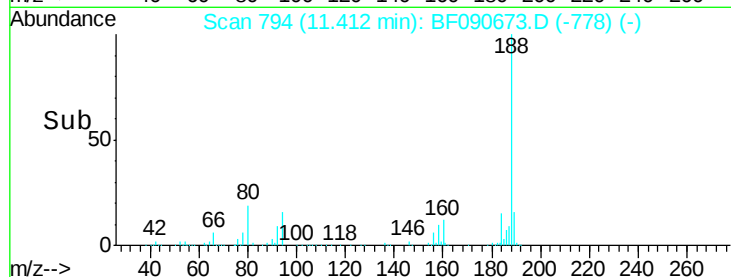
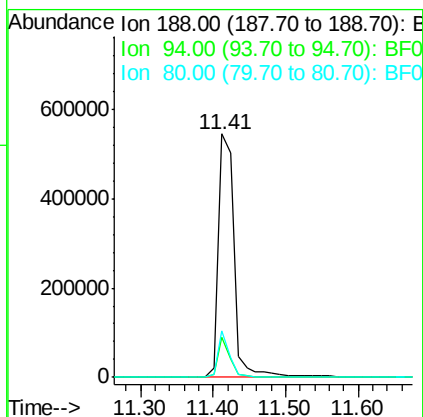
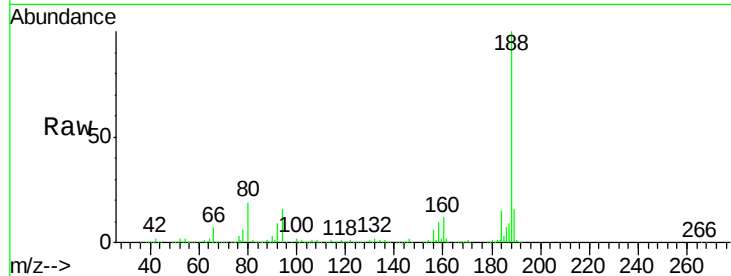
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	16.4	7.7	11.5#	
80	19.3	8.6	12.8#	

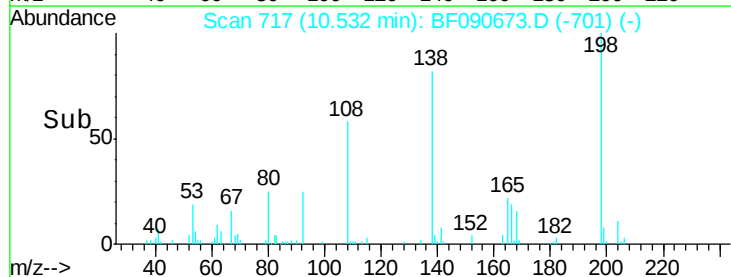
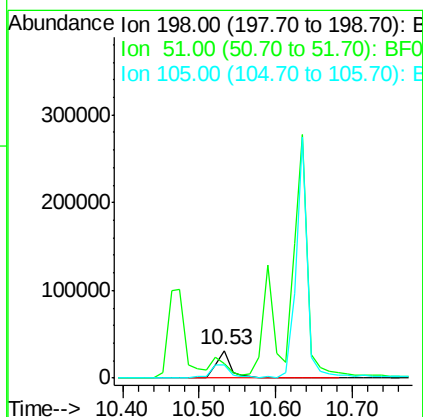
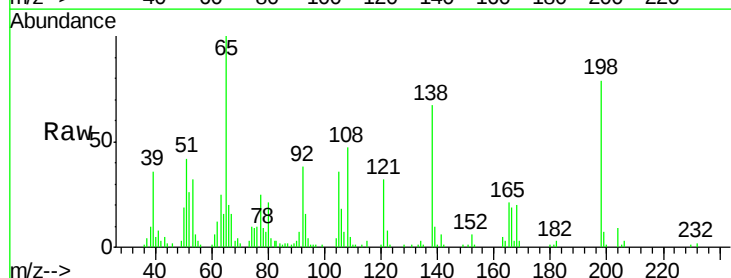
Manual Integrations
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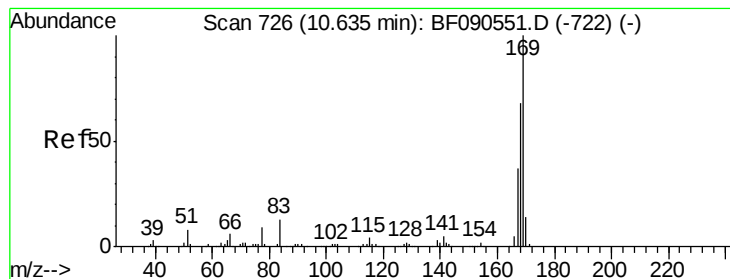
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	52.3	19.7	59.7	
105	45.7	22.6	62.6	





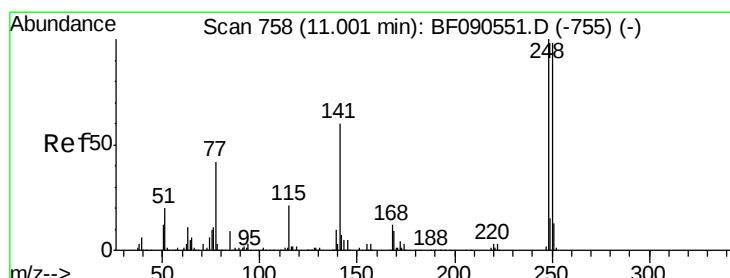
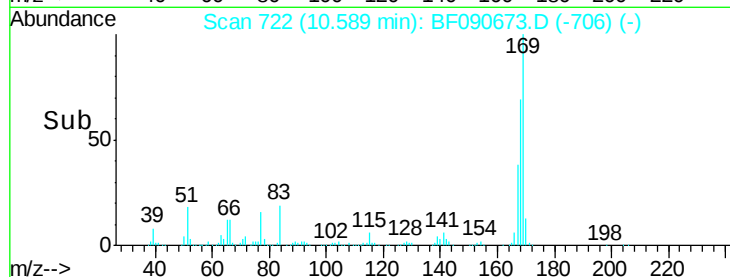
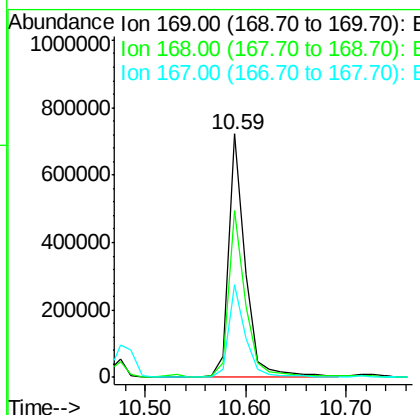
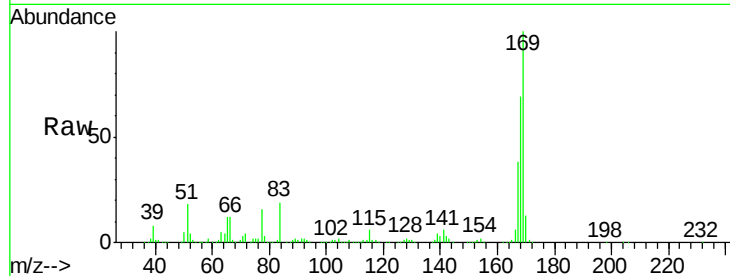
#65
n-Nitrosodiphenylamine
Concen: 30.46 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		827864		
168	68.8	54.6		81.8	
167	37.9	29.8		44.8	

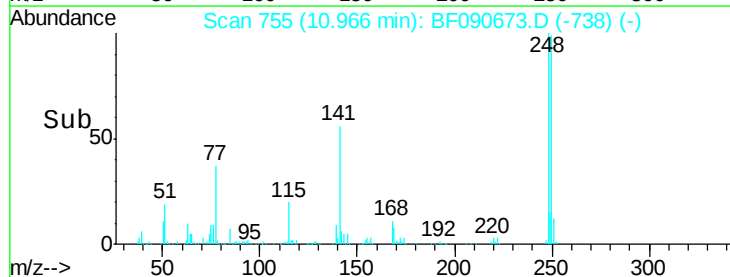
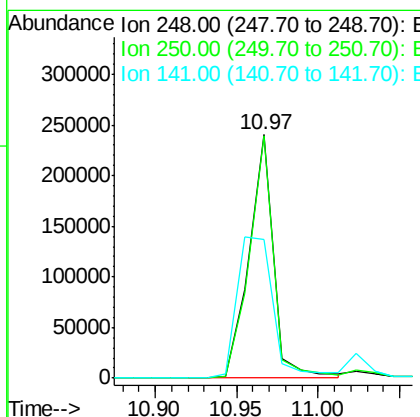
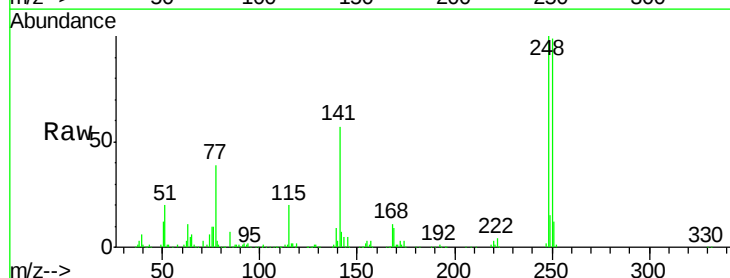
Manual Integrations
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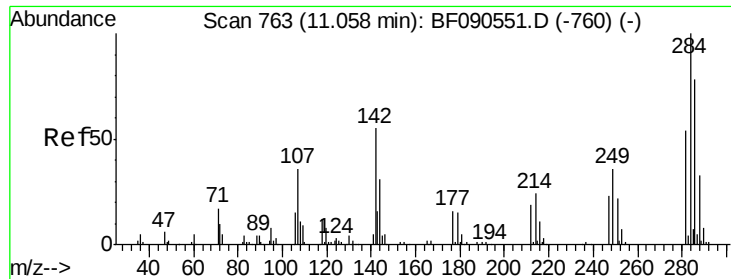
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#66
4-Bromophenyl-phenylether
Concen: 28.33 ng
RT: 10.97 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		250149		
250	99.4	78.4		117.6	
141	56.8	48.4		72.6	





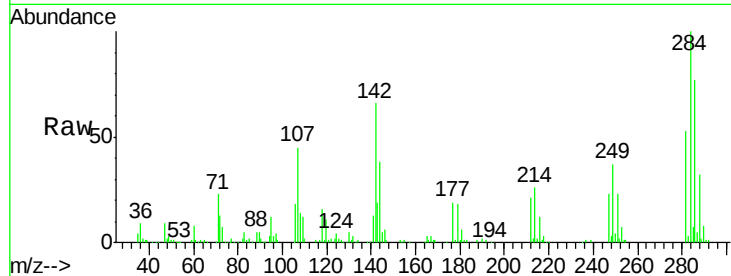
#67
Hexachlorobenzene
Concen: 28.00 ng
RT: 11.02 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

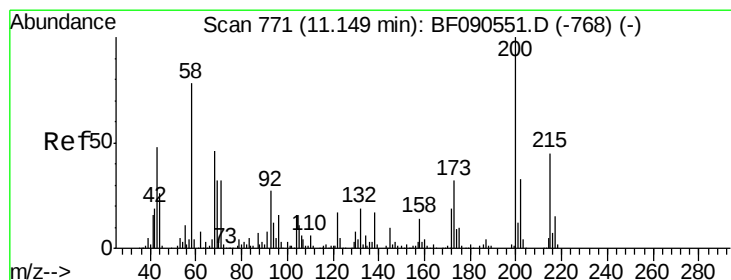
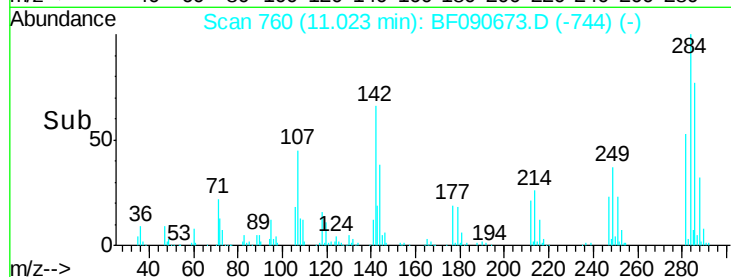
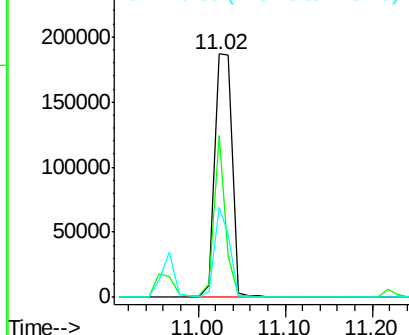
Tot Ion	Ratio	Resp	Lower	Upper
284	100	268421		
142	66.3	44.5	66.7	
249	37.2	29.6	44.4	

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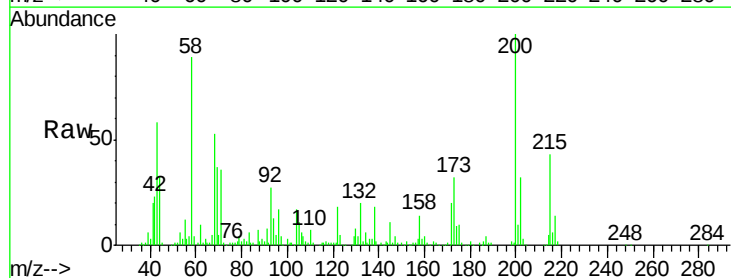


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

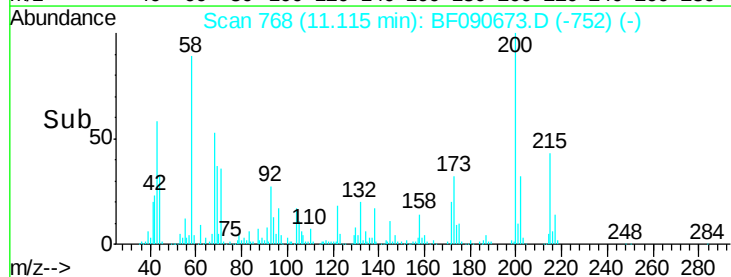
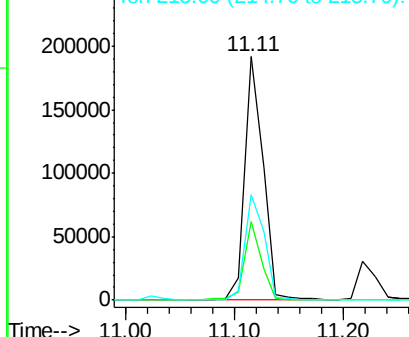


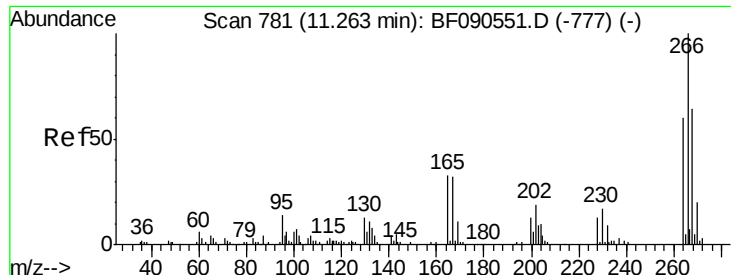
#68
Atrazine
Concen: 29.67 ng
RT: 11.11 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	223055		
173	32.3	12.0	52.0	
215	43.3	25.2	65.2	



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





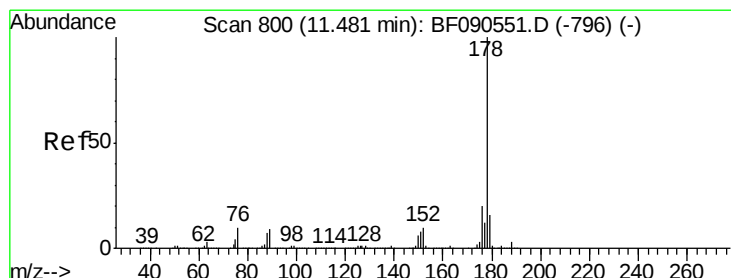
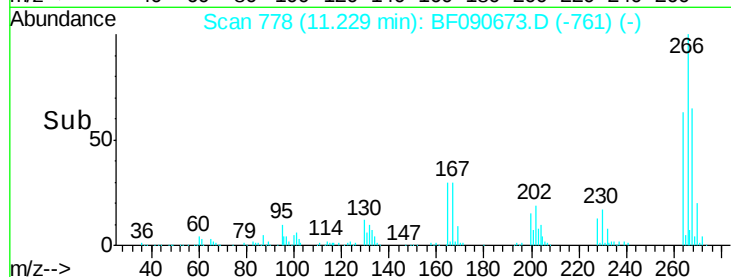
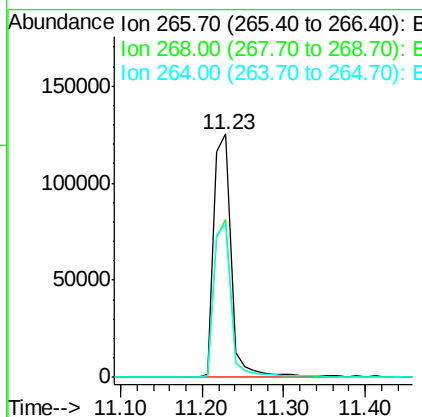
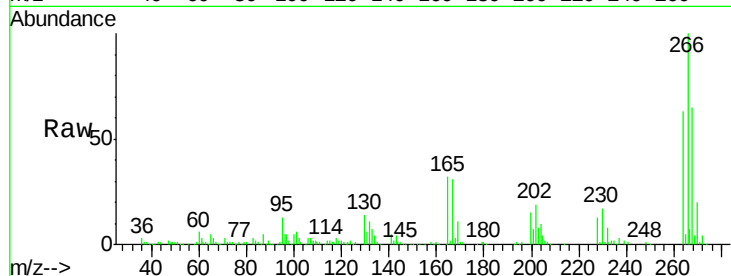
#69
 Pentachlorophenol
 Concen: 39.87 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.5	77.3
264	62.6	47.9	71.9

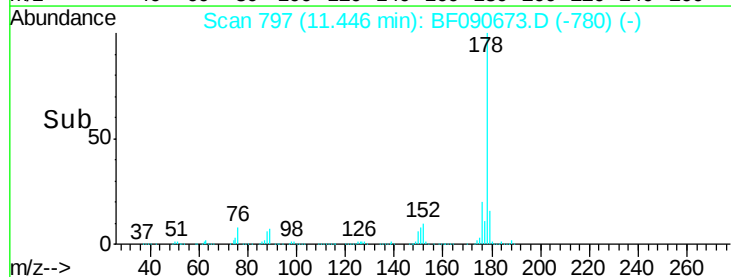
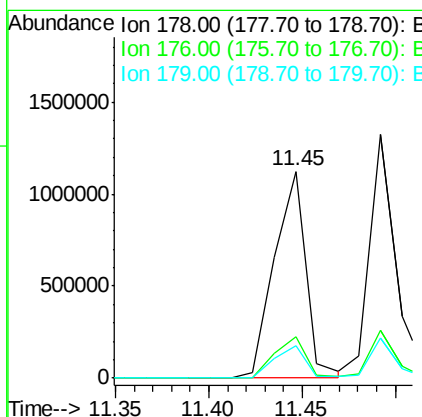
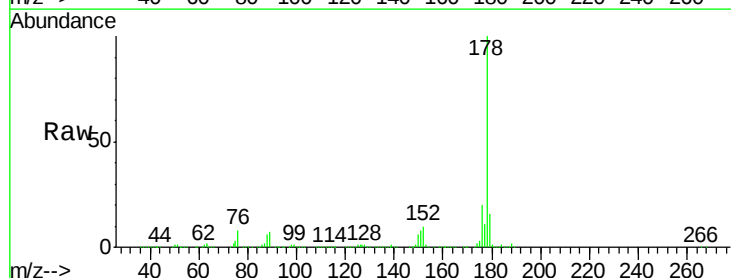
Manual Integrations
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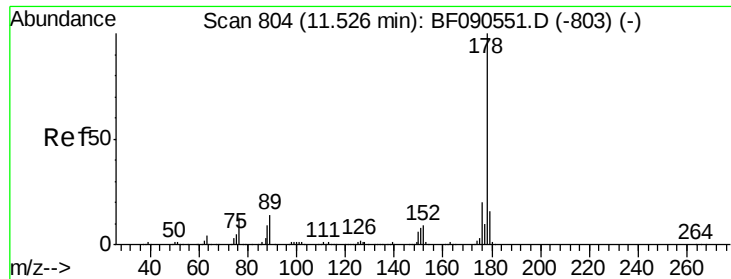
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#70
 Phenanthrene
 Concen: 30.08 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	15.8	12.6	19.0





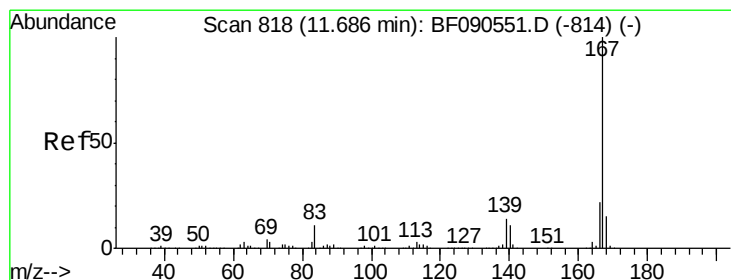
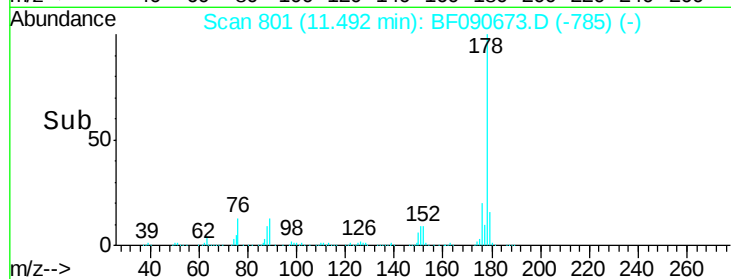
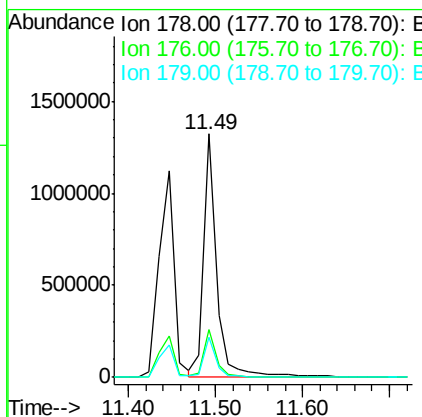
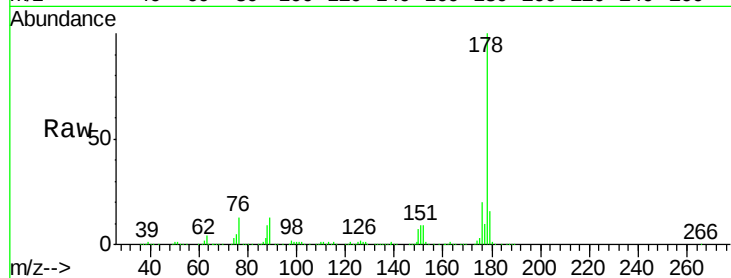
#71
 Anthracene
 Concen: 28.62 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion:178 Resp: 1352880
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 16.3 13.0 19.4

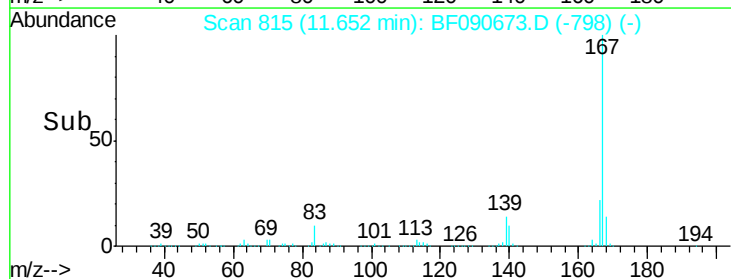
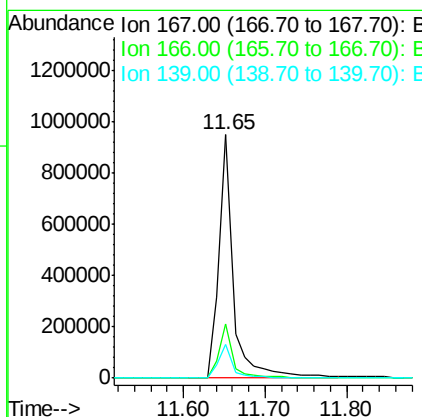
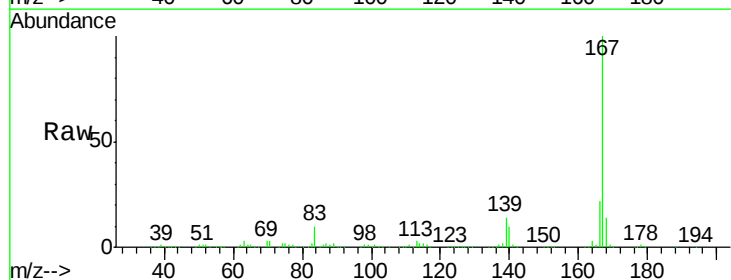
Manual Integrations
 APPROVED

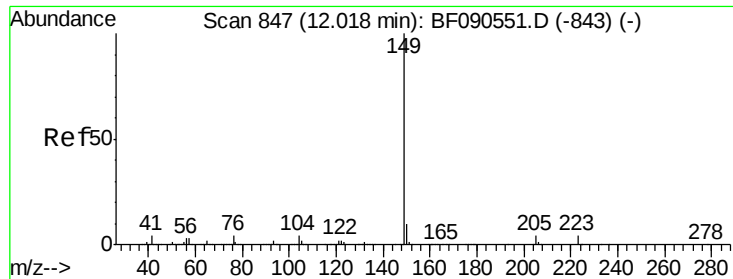
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#72
 Carbazole
 Concen: 27.81 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion:167 Resp: 1176658
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 32.63 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB94170BSD

Tot Ion:149 Resp: 1617431

Ion Ratio Lower Upper

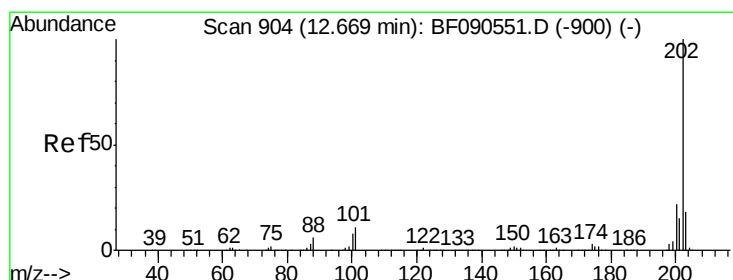
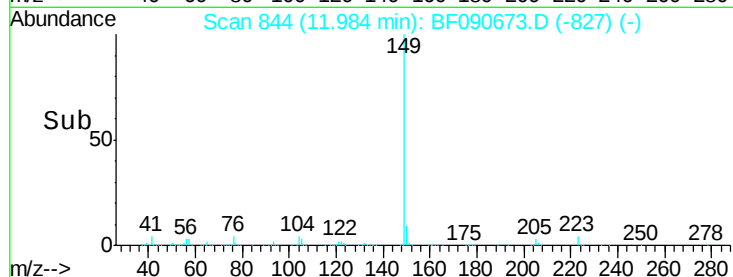
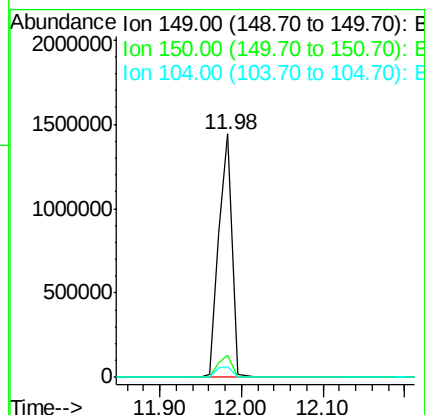
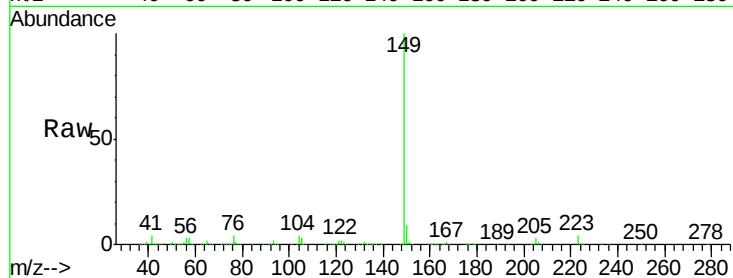
149 100

150 9.3 7.8 11.6

104 4.3 3.3 4.9

Manual Integrations
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#74

Fluoranthene

Concen: 24.13 ng

RT: 12.62 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

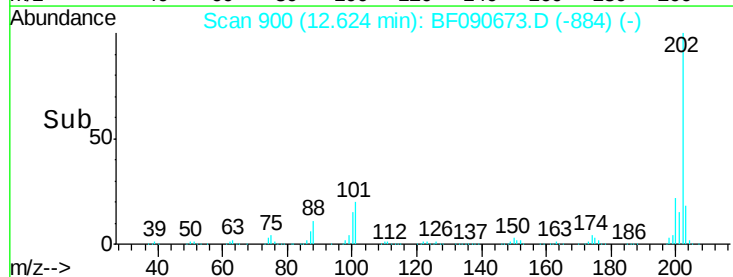
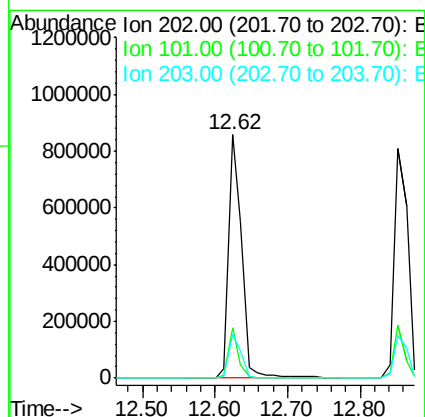
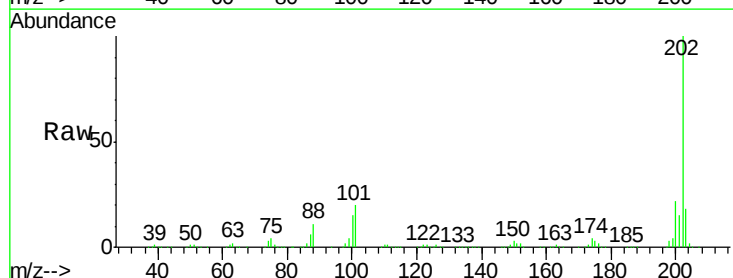
Tgt Ion:202 Resp: 1066230

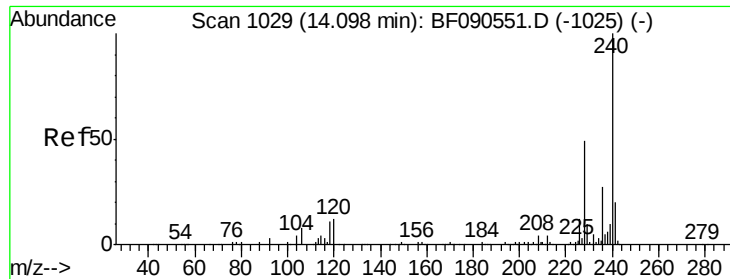
Ion Ratio Lower Upper

202 100

101 20.4 0.0 31.1

203 18.2 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

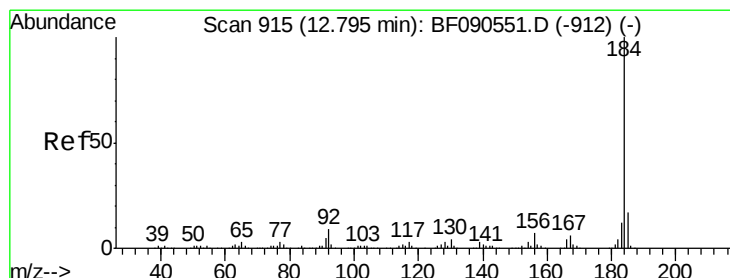
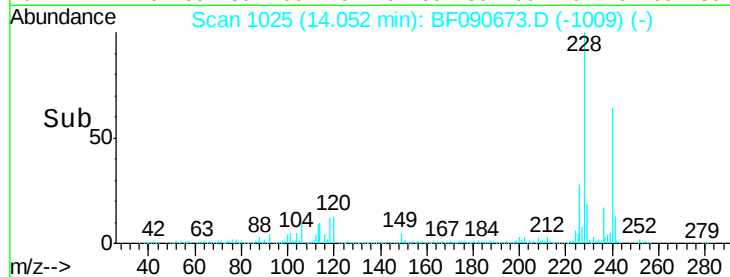
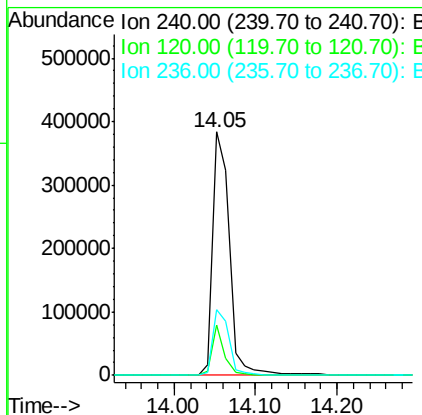
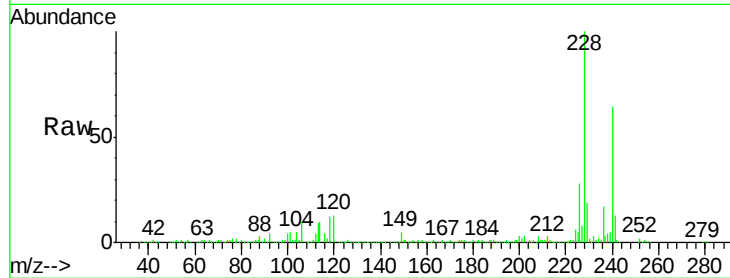
ClientSampleId :

PB94170BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.9	9.8	14.8#
236	27.1	21.7	32.5

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#76

Benzidine

Concen: 20.17 ng

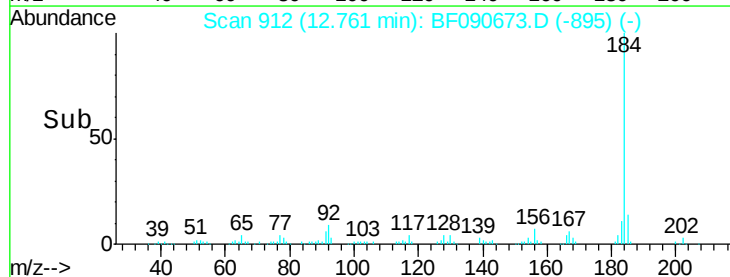
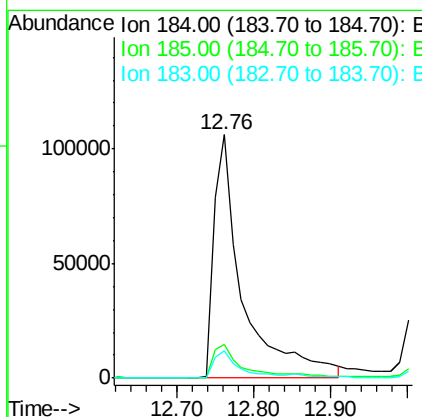
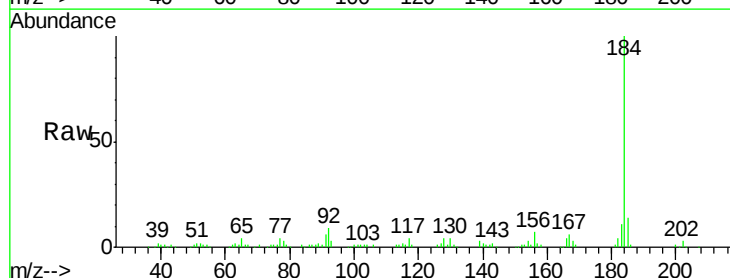
RT: 12.76 min Scan# 912

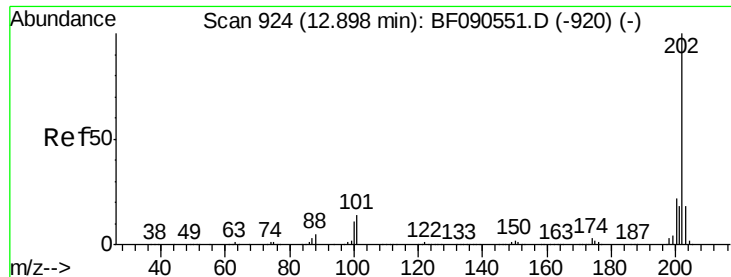
Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.3	9.4	14.0





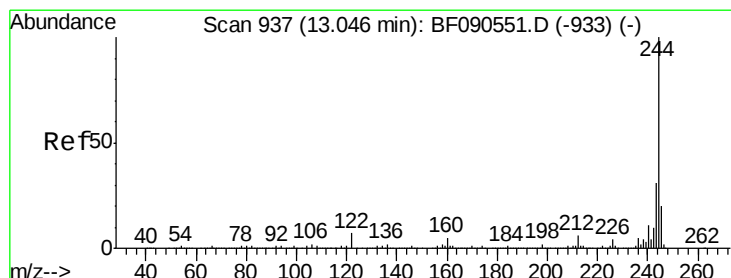
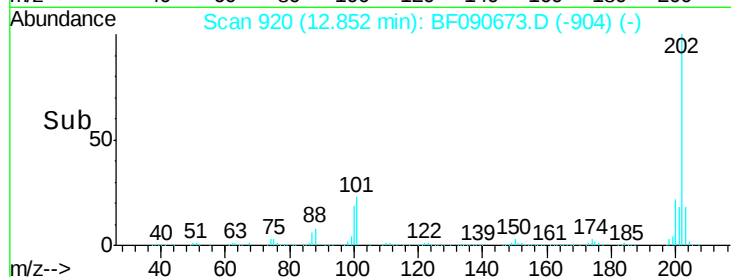
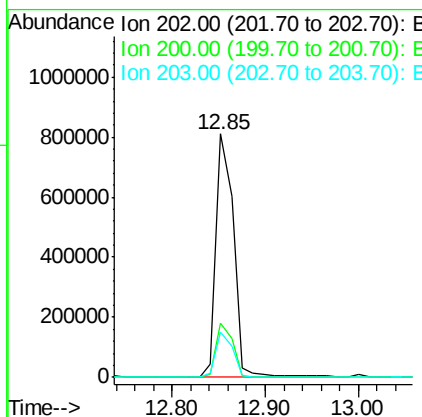
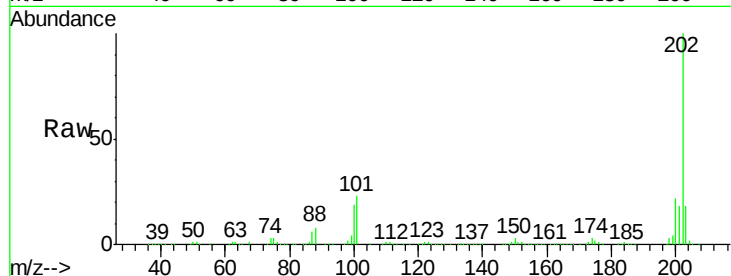
#77
Pvrene
Concen: 28.63 ng
RT: 12.85 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.3	14.6	21.8

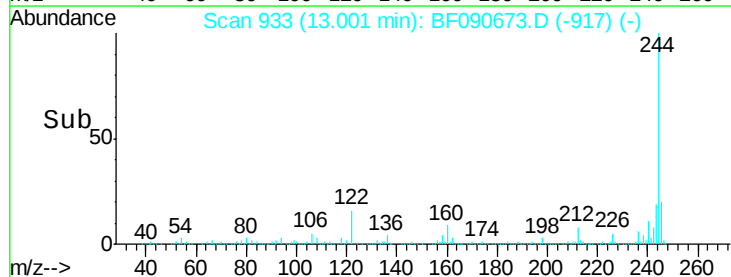
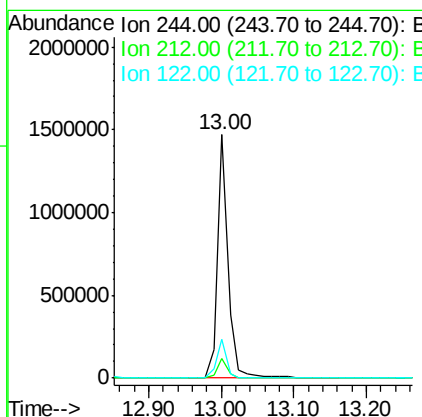
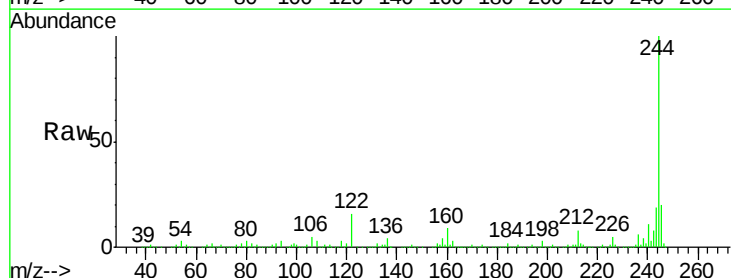
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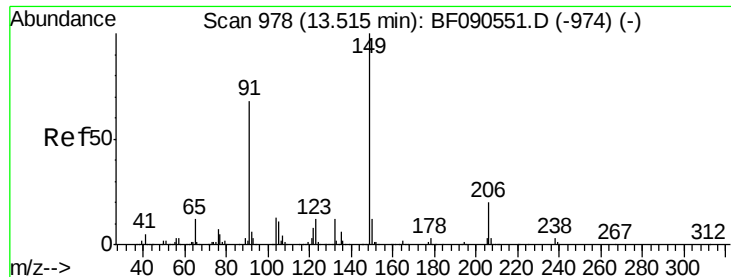
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#78
Terphenyl-d14
Concen: 62.66 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	15.7	5.6	8.4#





#79

Butylbenzylphthalate

Concen: 37.04 ng

RT: 13.48 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

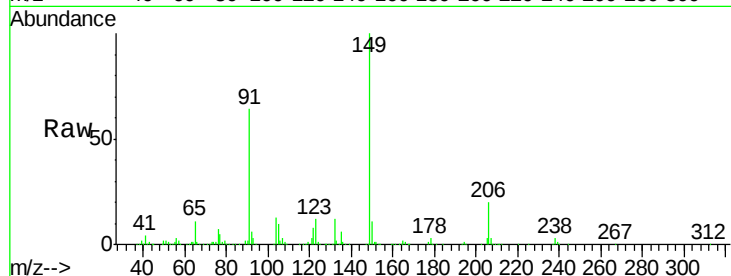
ClientSampleId :

PB94170BSD

Tot Ion:	149	Resp:	601159
Ion Ratio	Lower	Upper	
149	100		
91	64.2	54.3	81.5
206	20.3	15.8	23.6

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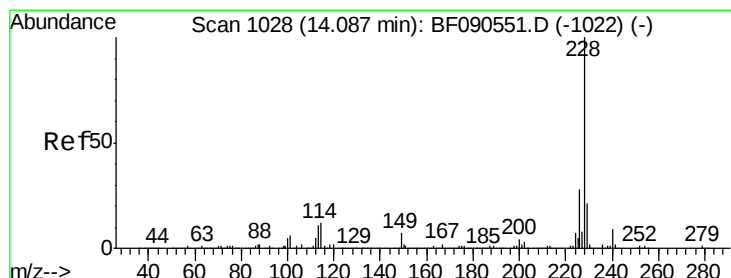
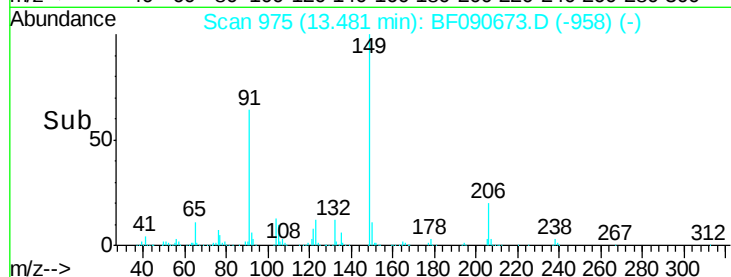
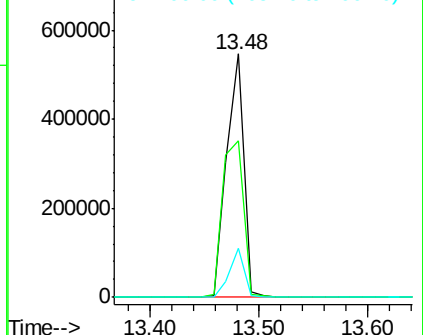
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 29.52 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF090673.D

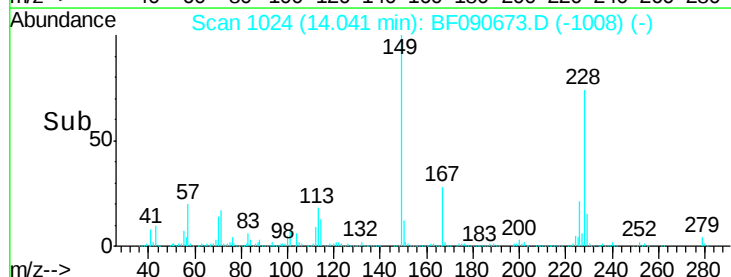
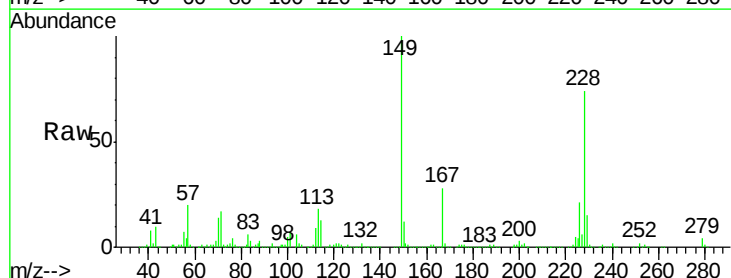
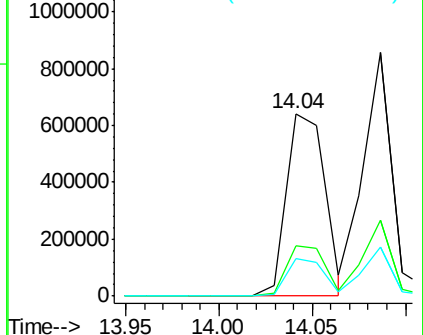
Acq: 20 Oct 2016 4:22

Tgt Ion:	228	Resp:	929488
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.8	34.2
229	20.7	16.6	25.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





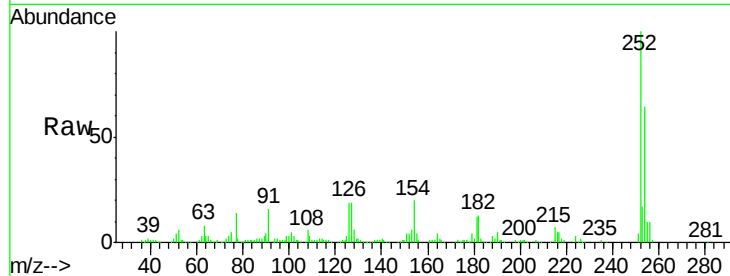
#81
 3,3'-Dichlorobenzidine
 Concen: 23.45 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

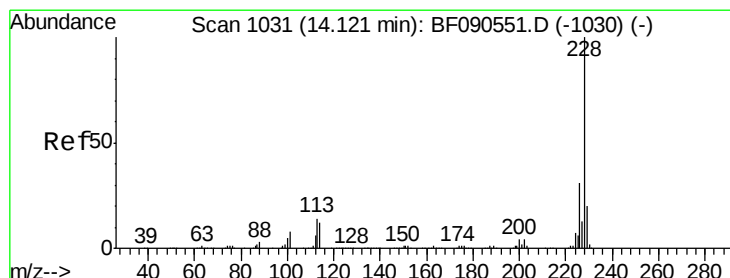
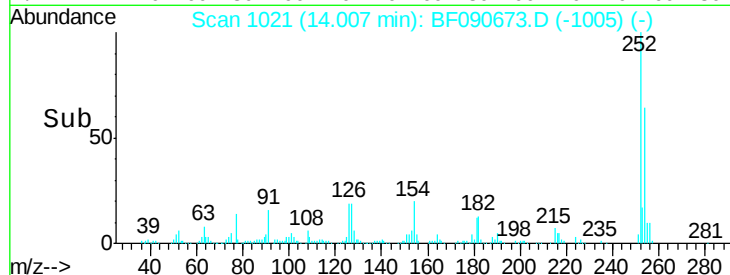
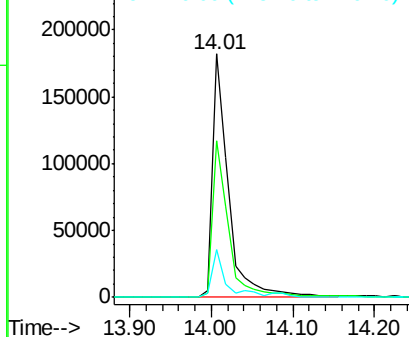
Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	52.1	78.1
126	19.4	9.3	13.9

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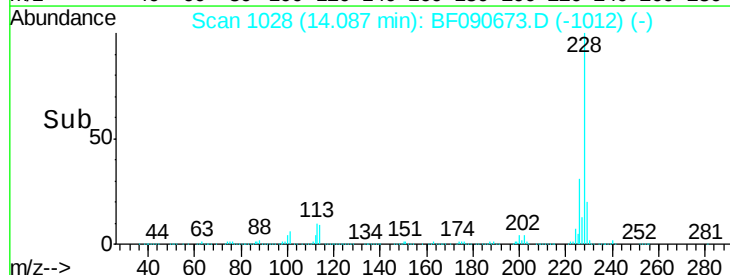
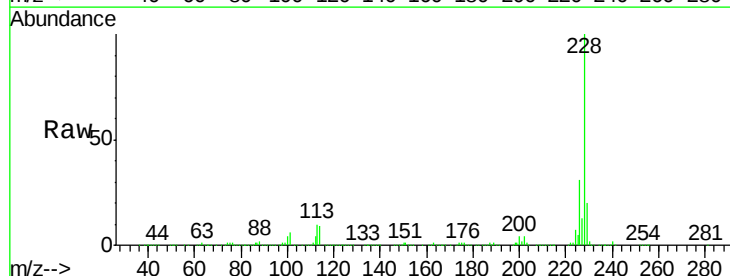
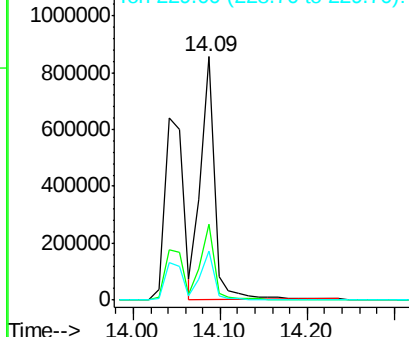
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

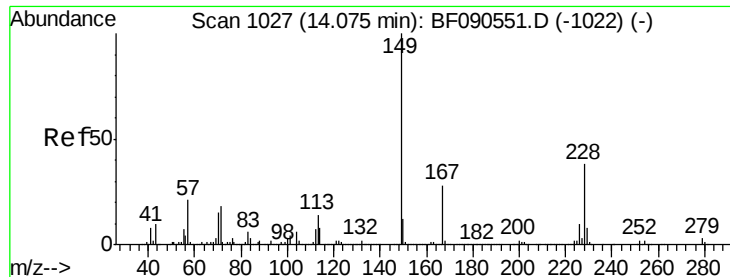


#82
 Chrysene
 Concen: 31.34 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	24.8	37.2
229	20.2	16.2	24.4

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.58 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Instrument :

BNA_F

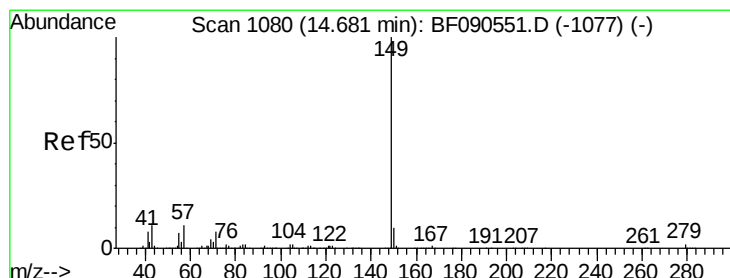
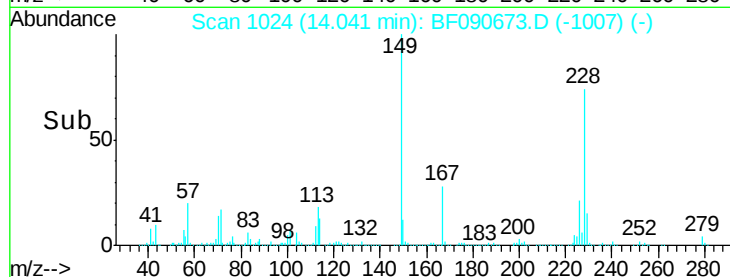
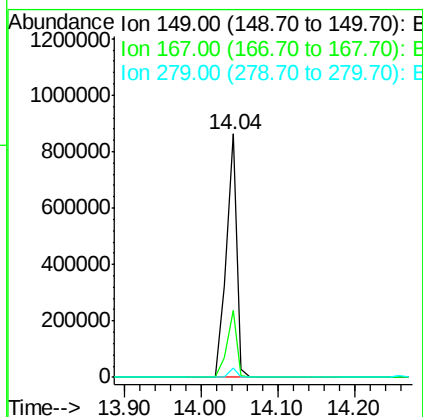
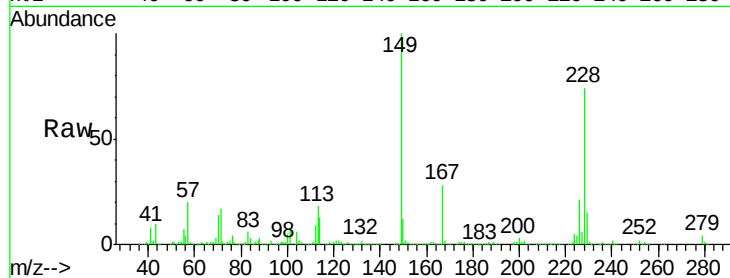
ClientSampleId :

PB94170BSD

Tot Ion:	149	Resp:	844798
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.1	33.1
279	3.7	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 42.23 ng

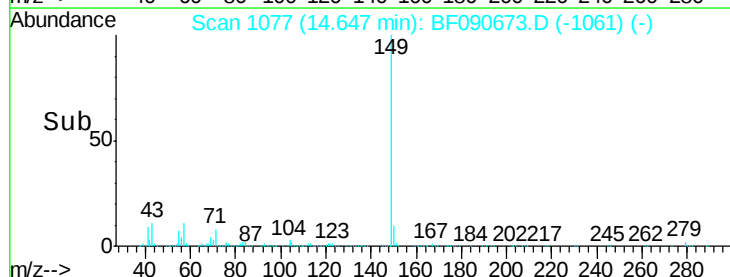
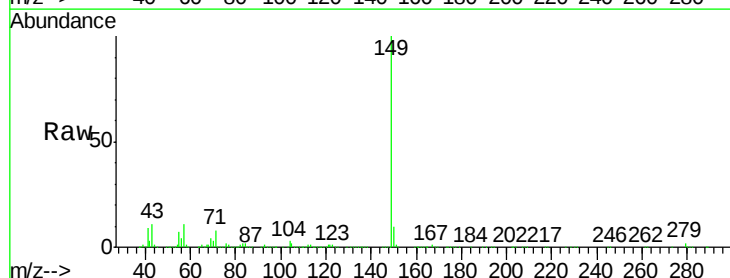
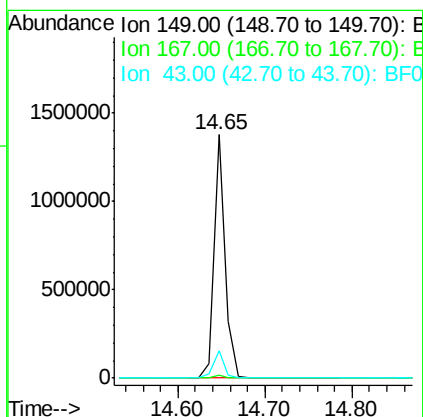
RT: 14.65 min Scan# 1077

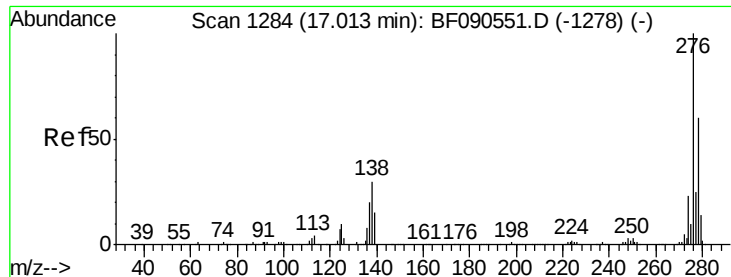
Delta R.T. -0.01 min

Lab File: BF090673.D

Acq: 20 Oct 2016 4:22

Tgt Ion:	149	Resp:	1239846
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.0	6.7	10.1#





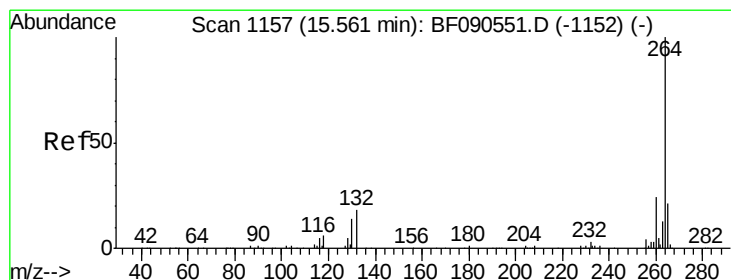
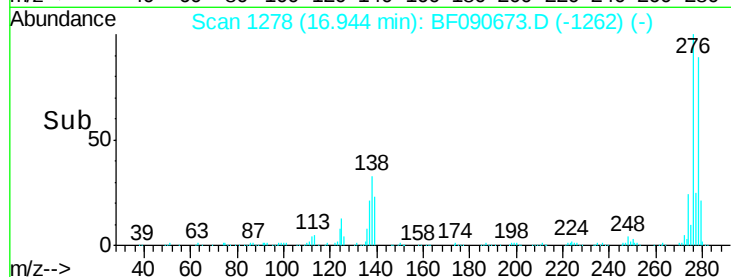
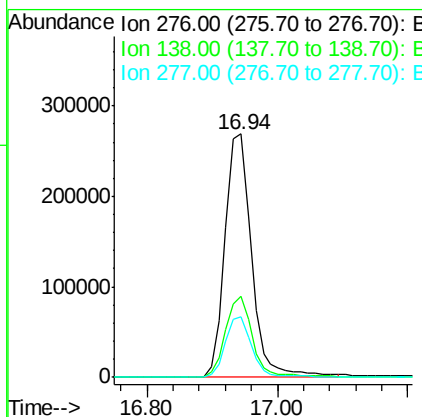
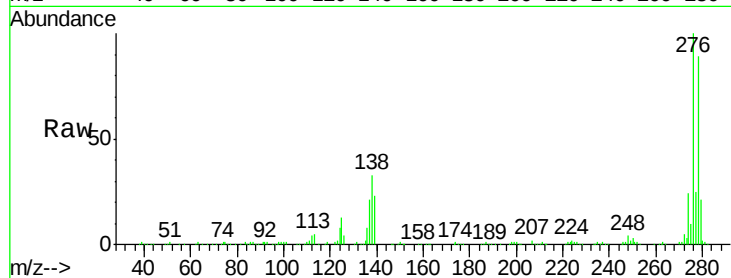
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.64 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.8	38.6
277	24.8	20.1	30.1

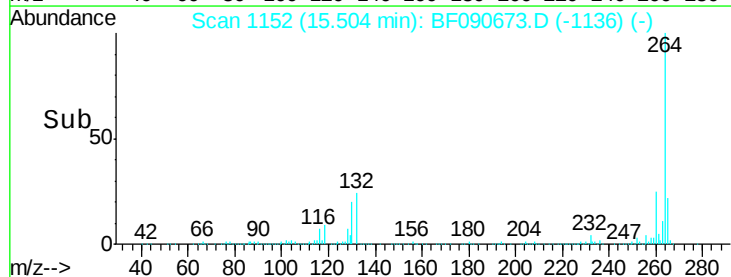
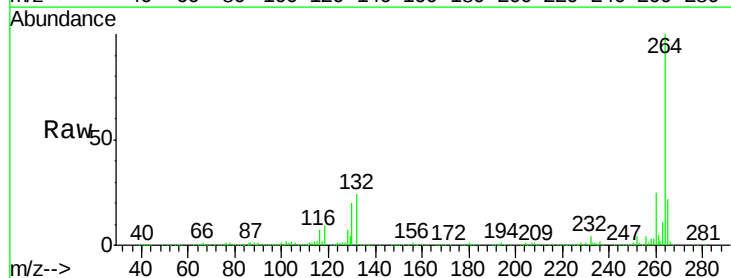
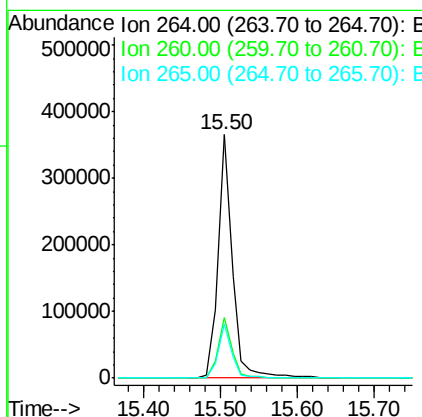
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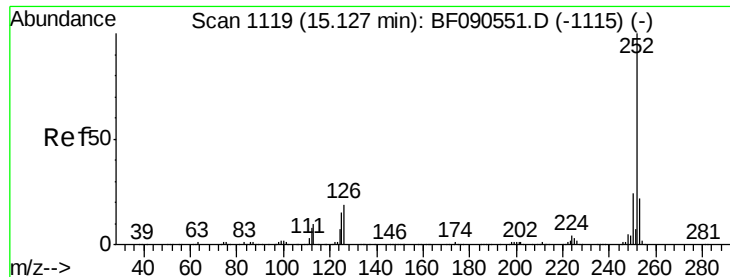
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.1	16.7	25.1





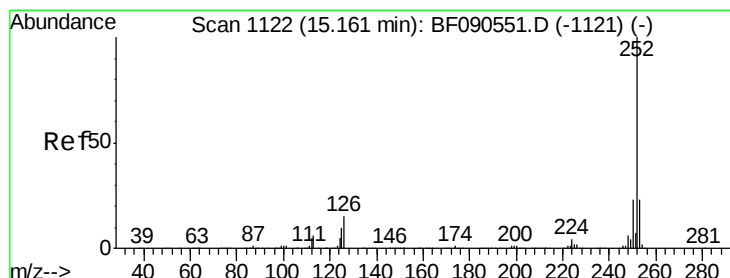
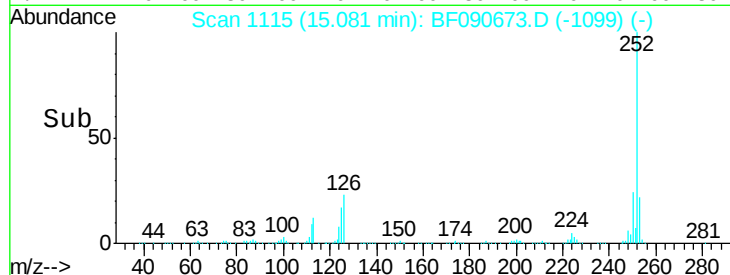
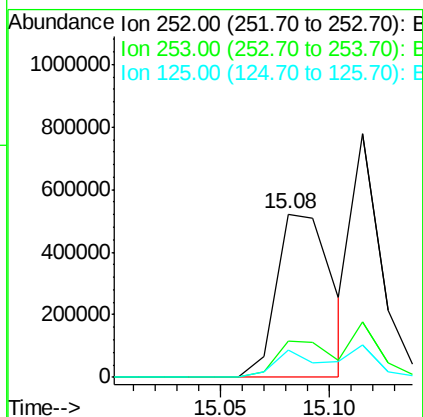
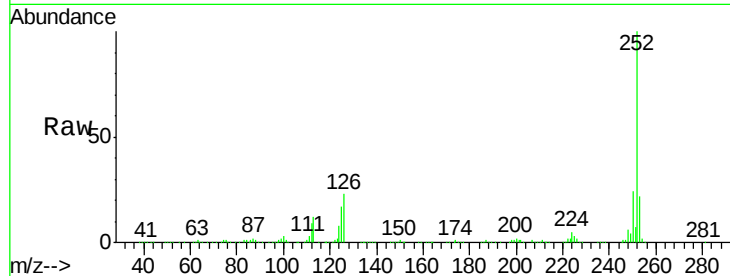
#87
Benzo(b)fluoranthene
Concen: 29.87 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	17.0	12.0	18.0

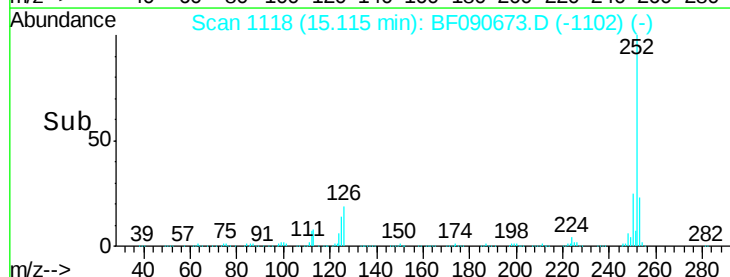
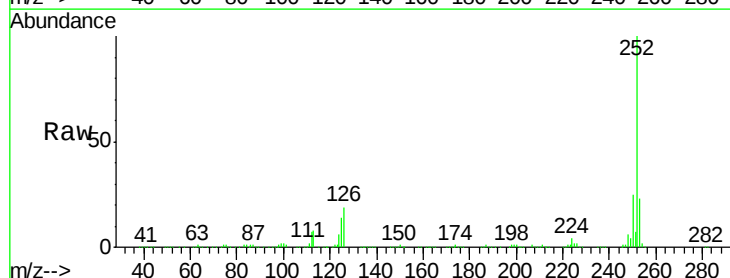
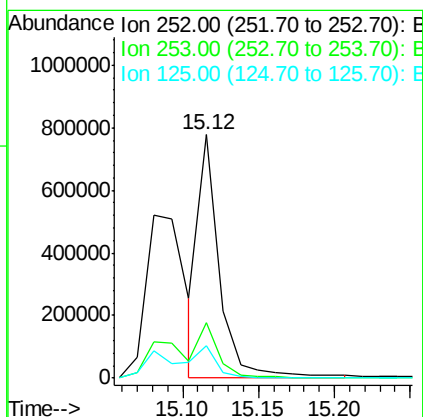
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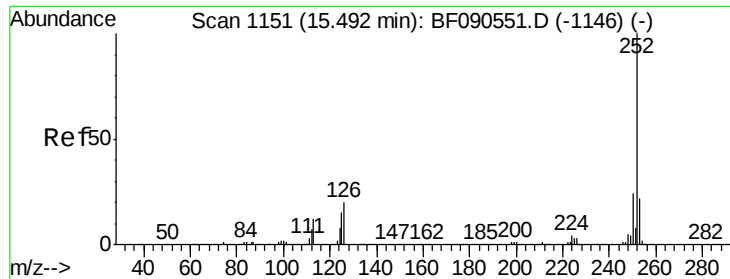
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#88
Benzo(k)fluoranthene
Concen: 22.96 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.5	10.0	15.0





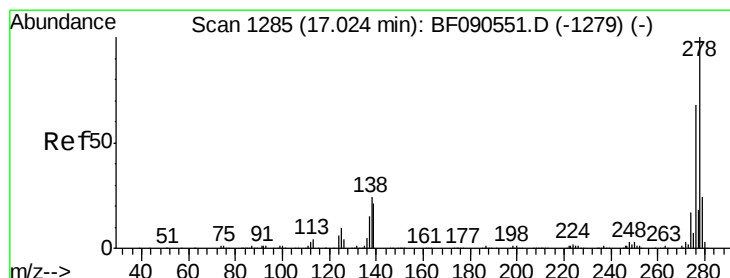
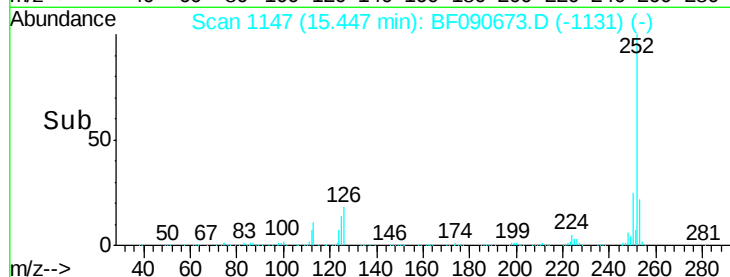
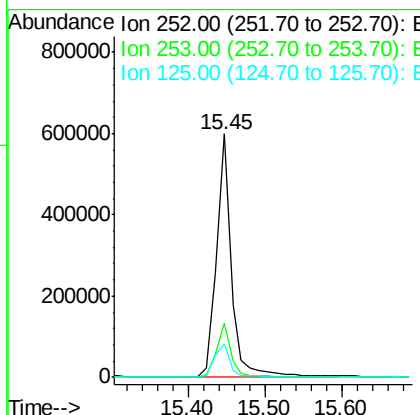
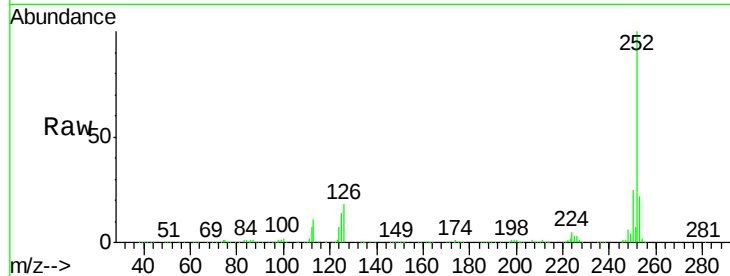
#89
Benzo(a)pyrene
Concen: 28.27 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.9	12.3	18.5

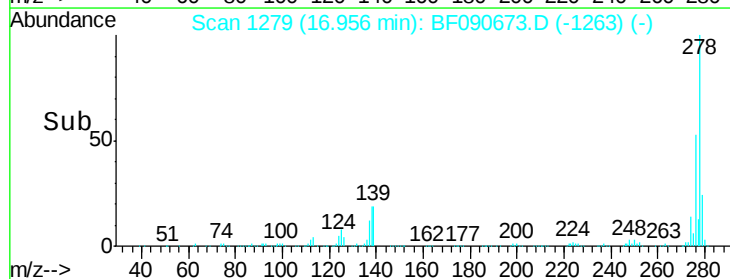
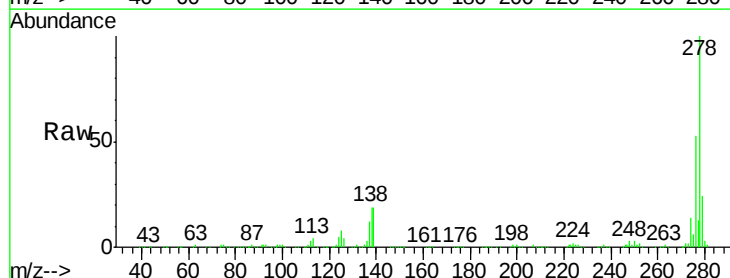
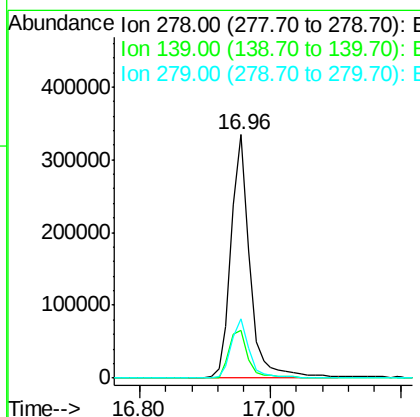
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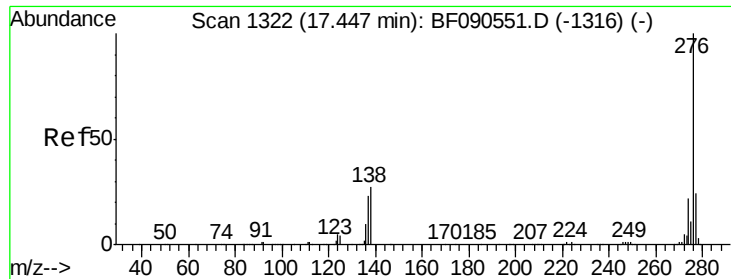
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#90
Dibenzo(a,h)anthracene
Concen: 30.87 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090673.D
Acq: 20 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.6	25.0
279	24.4	19.1	28.7





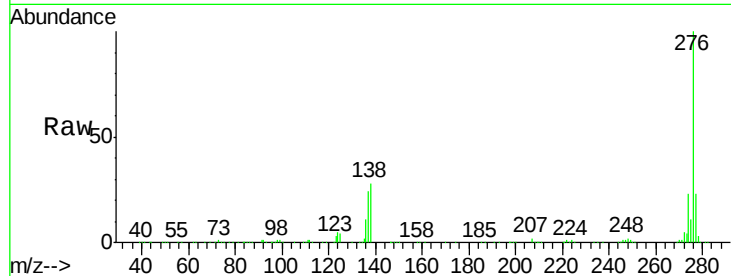
#91
 Benzo(a,h,i)perylene
 Concen: 28.10 ng
 RT: 17.37 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF090673.D
 Acq: 20 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94170BSD

Tot Ion:	276	Resp:	581605
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.8	28.2
138	27.9	21.8	32.8

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

